FINAL REPORT

Contract No. DAMD17-89-C-9050
A Medical Research and Evaluation Facility (MREF) and Studies
Supporting the Medical Chemical Defense Program

on

TASK 89-09
A COMPARISON BETWEEN THE RHESUS MONKEY AND THE HUMAN ON THE EFFECT OF ATROPINE ON THE ELECTROENCEPHALOGRAM

VOLUME II

PRELIMINARY STATISTICAL ANALYSIS OF SPECTRAL EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE

November, 1994

by

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Availability Codes		
Dist	Avail and / or Special	
A-1		

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Statistical models were developed to analyze the effects of atropine on brain activity. Brain activity was measured from the spectral EEG waveforms as a function of the percent power in the first five frequency bands. The statistical analyses indicated that:

1. High and medium doses of atropine were associated with a statistically significant increase in percent power in the first freqency band, with an decrease in percent power in the fifth frequency band, which persisted through the 600 minute time point.

2. The low atropine dose was associated with a statistically significant increase in percent power in the first freqency band, and a decrease in percent power in the fifth frequency band, at the 30 and 90 minute time points. Following the low atropine dose, there were no significant measurable effects of atropine on EEG waveforms at the 300 and 600 minute time points.

3. There were no significant measurable trends in the EEG waveforms for monkeys injected with the saline control.

4. The effect of atropine on brain activity (as measured by EEG) appears to diminish with respect to time since dosing.

A draft report of the experimental results was reviewed by Dr. John R. Hughes, Director of the Department of Neurophysiology at the University of Illinois, Chicago Medical Center. Dr. Hughes concluded that a 15-fold increase in sensitivity in the measurement of atropine effects was attributable to the use of computerized EEG analyses. Dr. Hughes believes that high percent power in the first frequency band, and corresponding decrease in percent power in the fifth frequency band, are associated with a decrease in brain activity, and vice versa. Based on extrapolation of these results from monkeys, Dr. Hughes concluded that a reduction in brain activity in man could appear at an atropine dose of 0.003 mg/kg. This extrapolation is comparable to previously reported data which demonstrated divided attention in man at an atropine dose of 0.007 mg/kg. The slowing in brain activity predicted to occur at this dose range of atropine (0.003 to 0.007 mg/kg) is not expected to seriously impair the soldier. Based on his review of the literature, Dr. Hughes believes that an atropine dose of 0.012 mg/kg in man would produce a substantially larger reduction in brain activity, associated with an increase in coordination errors, and could significantly impair the ability of a soldier to perform complex tasks. Furthermore, Dr. Hughes concluded from his review of the literature that an atropine dose of 0.028 mg/kg could affect helicopter flight performance in some individuals, and an atropine dose of 0.040 mg/kg would likely place a soldier on the battlefield in jeopardy.

1994 1228 121

SECURITY CLASSIFICATION OF THIS PAGE

REPORT DOCUMENTATION PAGE

Form Approved OMB No. 0704-0188

1a. REPORT SECURITY CLASSIFICATION Unclassified	1b. RESTRICTIVE MARKINGS
2a. SECURITY CLASSIFICATION AUTHORITY 2b. DECLASSIFICATION / DOWNGRADING SCHEDULE	3. DISTRIBUTION / AVAILABILITY OF REPORT Distribution is unlimited - Approved for Public Release.
4. PERFORMING ORGANIZATION REPORT NUMBER(S)	5. MONITORING ORGANIZATION REPORT NUMBER(S)
6a. NAME OF PERFORMING ORGANIZATION Battelle Memorial Institute 6b. OFFICE SYMBOL (If applicable)	7a. NAME OF MONITORING ORGANIZATION U.S. Army Medical Research Institute of Chemical Defense
6c. ADDRESS (City, State, and ZIP Code) 505 King Avenue Columbus, OH 43201-2693	7b. ADDRESS (City, State, and ZIP Code) Aberdeen Proving Ground, MD 21010-5425
8a. NAME OF FUNDING / SPONSORING ORGANIZATION U.S. Army Medical Research and Materiel Command 8b. OFFICE SYMBOL (If applicable)	9. PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER Contract No. DAMD17-89-C-9050
8c. ADDRESS (City, State, and ZIP Code) Fort Detrick Frederick, MD	10. SOURCE OF FUNDING NUMBERS PROGRAM ELEMENT NO. 6308A PROJECT NO. 3M 263002D 995 TASK NO. A1 WORK UNIT ACCESSION NO. DA317949

11. TITLE (Include Security Classification)
A Medical Research and Evaluation Facility (MREF) and Studies Supporting the Medical Chemical Defense Program

12. PERSONAL AUTHOR(S) Carl Olson, Ronald G. Menton, Craig R. Hassler, Robert A. Lordo, Ronald R. Moutvic, Warren Strauss

13a. TYPE OF REPORT	13b. TIME COVERED	14. DATE OF REPORT (Year, Month, Day)	15. PAGE COUNT
Final, Vol II	FROM 06/90 TO 11/94	1994, November	

16. SUPPLEMENTARY NOTATION
Task 89-09: A Comparison Betweenthe Rhesus Monkey and the Human on the Effect of Atropine on the Electroencephalogram

17. COSATI CODES			18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)
FIELD	GROUP	SUB-GROUP	Atropine, electroencephalogram (EEG), waveforms, computerized EEG analyses
06	15		
06	20		

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

See other side.

DTIC ELECTE JAN 0 4 1994 S D F

20. DISTRIBUTION / AVAILABILITY OF ABSTRACT ☐ UNCLASSIFIED/UNLIMITED ☒ SAME AS RPT. ☐ DTIC USERS	21. ABSTRACT SECURITY CLASSIFICATION Unclassified
22a. NAME OF RESPONSIBLE INDIVIDUAL Virginia Miller	22b. TELEPHONE (Include Area Code) 301/663-7325 22c. OFFICE SYMBOL MCMR-RMI-S

DD Form 1473, JUN 86 Previous editions are obsolete. SECURITY CLASSIFICATION OF THIS PAGE

APPENDIX A

Descriptive Statistics for Spectral EEG Waveforms for Animals

038D, 122X, 4E5, D275, D345, and E109

Animal 038D

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	33.13	8.43	2.67	10	21.97	11.23	3.55	10	25.08	11.91	3.77	3	26.73	5.76	3.32
	2	10	20.28	7.55	2.39	10	14.85	4.81	1.52	10	16.86	6.78	2.14	3	17.33	2.75	1.59
	3	10	18.84	6.46	2.04	10	21.92	12.91	4.08	10	19.26	11.27	3.56	3	20.00	1.67	0.96
	4	10	11.67	2.77	0.88	10	14.25	3.14	0.99	10	12.46	3.63	1.15	3	12.79	1.32	0.76
	5	10	16.08	5.97	1.89	10	27.02	6.09	1.93	10	26.34	9.25	2.92	3	23.15	6.13	3.54
30-Minute	1	10	24.43	13.56	4.29	10	30.38	17.21	5.44	10	28.94	15.11	4.78	3	27.92	3.10	1.79
	2	10	17.96	9.83	3.11	10	19.56	10.01	3.17	10	23.59	9.17	2.90	3	20.37	2.90	1.67
	3	10	22.94	11.83	3.74	10	15.31	6.76	2.14	10	20.07	8.11	2.56	3	19.44	3.85	2.22
	4	10	15.36	4.26	1.35	10	13.61	5.64	1.78	10	12.74	4.08	1.29	3	13.90	1.33	0.77
	5	10	19.30	6.24	1.97	10	21.13	9.41	2.98	10	14.66	11.18	3.53	3	18.36	3.33	1.92
90-Minute	1	10	16.12	6.46	2.04	10	23.94	10.07	3.19	10	22.25	10.55	3.34	3	20.77	4.12	2.38
	2	10	14.44	4.91	1.55	10	16.06	7.07	2.23	10	19.12	7.00	2.21	3	16.54	2.38	1.37
	3	10	23.86	8.15	2.58	10	15.74	4.67	1.48	10	19.47	7.68	2.43	3	19.69	4.06	2.35
	4	10	16.81	5.71	1.81	10	17.20	5.79	1.83	10	13.78	4.21	1.33	3	15.93	1.87	1.08
	5	10	28.77	7.91	2.50	10	27.05	10.86	3.43	10	25.38	7.56	2.39	3	27.07	1.70	0.98
300-Minute	1	10	16.31	5.40	1.71	10	16.81	3.61	1.14	10	17.20	7.18	2.27	3	16.77	0.45	0.26
	2	10	13.14	5.53	1.75	10	17.40	5.87	1.85	10	19.69	6.13	1.94	3	16.74	3.32	1.92
	3	10	23.45	9.47	2.99	10	18.94	6.48	2.05	10	15.29	3.71	1.17	3	19.23	4.09	2.36
	4	10	19.71	6.44	2.04	10	15.89	4.05	1.28	10	17.72	3.18	1.00	3	17.77	1.91	1.10
	5	10	27.39	5.40	1.71	10	30.97	6.17	1.95	10	30.10	6.94	2.20	3	29.49	1.87	1.08
600-Minute	1	10	18.24	7.83	2.47	10	32.55	6.75	2.13	10	22.73	6.58	2.08	3	24.51	7.32	4.23
	2	10	21.15	8.66	2.74	10	22.95	6.55	2.07	10	24.75	13.26	4.19	3	22.95	1.80	1.04
	3	10	21.87	6.73	2.13	10	17.16	4.13	1.31	10	13.37	3.92	1.24	3	17.47	4.26	2.46
	4	10	17.74	6.70	2.12	10	13.44	4.52	1.43	10	15.67	8.20	2.59	3	15.61	2.15	1.24
	5	10	21.00	6.48	2.05	10	13.89	5.52	1.75	10	23.48	11.37	3.59	3	19.46	4.98	2.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	26.52	7.53	2.38	10	13.10	6.68	2.11	10	16.73	8.60	2.72	3	18.78	6.95	4.01
	2	10	20.95	8.69	2.75	10	14.48	4.30	1.36	10	16.36	3.73	1.18	3	17.26	3.33	1.92
	3	10	17.91	6.19	1.96	10	25.70	13.81	4.37	10	18.15	8.26	2.61	3	20.59	4.43	2.56
	4	10	12.89	4.24	1.34	10	15.39	3.44	1.09	10	17.34	5.24	1.66	3	15.21	2.23	1.29
	5	10	21.73	7.53	2.38	10	31.32	7.75	2.45	10	31.42	13.18	4.17	3	28.16	5.57	3.21
30-Minute	1	10	19.14	8.71	2.76	10	26.09	11.33	3.58	10	26.50	10.33	3.27	3	23.91	4.13	2.39
	2	10	18.42	8.19	2.59	10	18.47	8.06	2.55	10	22.58	7.15	2.26	3	19.82	2.39	1.38
	3	10	26.74	8.63	2.73	10	16.68	8.45	2.67	10	18.55	6.71	2.12	3	20.66	5.35	3.09
	4	10	16.36	6.12	1.93	10	14.01	6.15	1.94	10	13.08	3.58	1.13	3	14.48	1.69	0.98
	5	10	19.33	7.56	2.39	10	24.76	9.08	2.87	10	19.29	9.29	2.94	3	21.13	3.14	1.82
90-Minute	1	10	13.91	7.61	2.41	10	18.58	8.22	2.60	10	14.78	4.31	1.36	3	15.76	2.48	1.43
	2	10	11.98	4.81	1.52	10	15.42	4.12	1.30	10	18.34	10.12	3.20	3	15.25	3.18	1.84
	3	10	29.61	12.53	3.96	10	19.17	5.39	1.70	10	21.45	7.11	2.25	3	23.41	5.49	3.17
	4	10	18.40	3.60	1.14	10	19.81	7.72	2.44	10	15.56	4.31	1.36	3	17.92	2.17	1.25
	5	10	26.10	9.72	3.07	10	27.01	5.79	1.83	10	29.87	7.97	2.52	3	27.66	1.97	1.14
300-Minute	1	10	9.35	3.47	1.10	10	12.56	4.63	1.46	10	14.63	6.10	1.93	3	12.18	2.66	1.53
	2	10	13.92	4.67	1.48	10	18.09	4.33	1.37	10	14.85	5.27	1.67	3	15.62	2.19	1.27
	3	10	30.63	10.44	3.30	10	20.42	8.10	2.56	10	17.52	6.43	2.03	3	22.86	6.88	3.97
	4	10	19.28	5.06	1.60	10	16.45	5.30	1.68	10	21.21	6.20	1.96	3	18.98	2.40	1.38
	5	10	26.83	8.12	2.57	10	32.48	8.42	2.66	10	31.79	7.73	2.44	3	30.37	3.08	1.78
600-Minute	1	10	18.64	9.79	3.10	10	24.75	7.25	2.29	10	27.39	9.84	3.11	3	23.59	4.49	2.59
	2	10	22.87	11.43	3.61	10	26.82	9.97	3.15	10	25.55	11.18	3.54	3	25.08	2.02	1.17
	3	10	19.40	10.36	3.27	10	19.68	6.18	1.95	10	14.96	3.59	1.14	3	18.01	2.65	1.53
	4	10	16.12	4.89	1.55	10	15.07	6.06	1.92	10	11.94	4.63	1.47	3	14.38	2.18	1.26
	5	10	22.97	5.91	1.87	10	13.69	4.42	1.40	10	20.16	9.40	2.97	3	18.94	4.76	2.75

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	20.42	7.91	2.50	10	19.92	8.87	2.81	10	19.58	6.25	1.98	3	19.97	0.42	0.24
	2	10	18.19	6.19	1.96	10	15.01	4.10	1.30	10	20.85	7.30	2.31	3	18.02	2.93	1.69
	3	10	15.20	4.93	1.56	10	20.24	9.29	2.94	10	19.23	7.43	2.35	3	18.22	2.67	1.54
	4	10	14.24	5.59	1.77	10	16.39	3.16	1.00	10	14.46	5.05	1.60	3	15.03	1.18	0.68
	5	10	31.95	9.16	2.90	10	28.44	6.91	2.19	10	25.88	5.70	1.80	3	28.76	3.05	1.76
30-Minute	1	10	22.29	10.36	3.28	10	18.28	7.47	2.36	10	21.81	8.05	2.55	3	20.79	2.19	1.26
	2	10	16.94	6.45	2.04	10	18.58	7.52	2.38	10	21.64	11.28	3.57	3	19.05	2.39	1.38
	3	10	18.33	3.97	1.25	10	15.34	5.86	1.85	10	13.19	3.68	1.16	3	15.62	2.58	1.49
	4	10	16.68	5.98	1.89	10	13.36	4.93	1.56	10	13.69	3.53	1.12	3	14.58	1.83	1.06
	5	10	25.76	7.32	2.31	10	34.43	11.52	3.64	10	29.67	9.85	3.12	3	29.95	4.34	2.51
90-Minute	1	10	15.26	5.76	1.82	10	15.10	6.00	1.90	10	12.49	3.23	1.02	3	14.28	1.56	0.90
	2	10	15.33	5.22	1.65	10	16.02	5.01	1.58	10	19.48	7.29	2.30	3	16.95	2.22	1.28
	3	10	25.05	7.75	2.45	10	20.50	5.68	1.80	10	20.13	10.06	3.18	3	21.89	2.74	1.58
	4	10	16.07	5.41	1.71	10	15.67	5.69	1.80	10	17.49	5.56	1.76	3	16.41	0.95	0.55
	5	10	28.29	8.86	2.80	10	32.70	8.34	2.64	10	30.41	10.09	3.19	3	30.47	2.20	1.27
300-Minute	1	10	11.36	4.48	1.42	10	17.48	7.79	2.46	10	19.54	10.24	3.24	3	16.13	4.25	2.46
	2	10	16.67	5.43	1.72	10	16.24	5.62	1.78	10	23.15	6.29	1.99	3	18.69	3.87	2.24
	3	10	33.89	9.09	2.87	10	23.71	11.02	3.48	10	20.84	9.65	3.05	3	26.15	6.86	3.96
	4	10	14.26	4.80	1.52	10	17.16	4.35	1.38	10	15.46	6.57	2.08	3	15.62	1.46	0.84
	5	10	23.82	7.42	2.35	10	25.41	7.71	2.44	10	21.01	4.37	1.38	3	23.41	2.23	1.29
600-Minute	1	10	23.32	10.48	3.31	10	23.57	7.41	2.34	10	26.11	9.07	2.87	3	24.33	1.54	0.89
	2	10	26.47	10.22	3.23	10	24.83	10.68	3.38	10	22.09	7.70	2.43	3	24.46	2.22	1.28
	3	10	17.57	9.21	2.91	10	20.83	5.95	1.88	10	15.59	5.11	1.62	3	18.00	2.64	1.53
	4	10	12.16	3.45	1.09	10	12.44	4.41	1.39	10	13.34	3.55	1.12	3	12.65	0.62	0.36
	5	10	20.48	5.58	1.77	10	18.33	6.96	2.20	10	22.88	8.75	2.77	3	20.56	2.27	1.31

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	23.31	4.86	1.54	10	17.57	3.96	1.25	10	22.31	7.33	2.32	3	21.06	3.07	1.77
	2	10	25.60	6.32	2.00	10	19.14	8.71	2.75	10	18.02	6.38	2.02	3	20.92	4.10	2.36
	3	10	14.00	5.59	1.77	10	21.53	9.05	2.86	10	19.98	6.69	2.11	3	18.50	3.98	2.30
	4	10	15.28	6.31	1.99	10	14.64	4.07	1.29	10	14.47	4.40	1.39	3	14.80	0.43	0.25
	5	10	21.81	5.47	1.73	10	27.12	4.34	1.37	10	25.23	5.13	1.62	3	24.72	2.70	1.56
30-Minute	1	10	22.56	10.72	3.39	10	20.55	10.27	3.25	10	25.58	10.76	3.40	3	22.90	2.53	1.46
	2	10	20.73	5.16	1.63	10	25.95	11.69	3.70	10	23.79	7.90	2.50	3	23.49	2.62	1.51
	3	10	19.24	5.25	1.66	10	20.73	7.69	2.43	10	16.90	3.84	1.21	3	18.96	1.93	1.12
	4	10	16.90	7.11	2.25	10	10.87	3.81	1.20	10	12.86	6.16	1.95	3	13.54	3.07	1.77
	5	10	20.58	5.33	1.68	10	21.89	7.55	2.39	10	20.88	9.31	2.95	3	21.12	0.69	0.40
90-Minute	1	10	18.69	8.07	2.55	10	17.53	6.55	2.07	10	19.59	8.33	2.63	3	18.60	1.04	0.60
	2	10	17.76	7.81	2.47	10	19.46	9.71	3.07	10	24.66	9.49	3.00	3	20.63	3.60	2.08
	3	10	23.36	10.87	3.44	10	19.32	6.32	2.00	10	19.14	8.53	2.70	3	20.61	2.38	1.38
	4	10	16.01	4.65	1.47	10	18.13	6.26	1.98	10	13.01	5.37	1.70	3	15.72	2.57	1.48
	5	10	24.19	8.20	2.59	10	25.56	10.59	3.35	10	23.59	8.35	2.64	3	24.45	1.01	0.58
300-Minute	1	10	11.79	5.08	1.61	10	20.26	7.14	2.26	10	17.71	5.16	1.63	3	16.59	4.35	2.51
	2	10	16.03	4.56	1.44	10	16.30	3.68	1.16	10	22.61	6.45	2.04	3	18.31	3.72	2.15
	3	10	26.17	9.44	2.99	10	19.58	8.87	2.80	10	18.61	9.60	3.04	3	21.46	4.11	2.37
	4	10	17.80	6.73	2.13	10	16.75	5.42	1.71	10	16.95	4.56	1.44	3	17.17	0.56	0.32
	5	10	28.22	8.64	2.73	10	27.11	8.28	2.62	10	24.11	5.92	1.87	3	26.48	2.12	1.23
600-Minute	1	10	25.66	16.21	5.12	10	30.35	10.27	3.25	10	29.06	12.27	3.88	3	28.35	2.42	1.40
	2	10	25.05	8.87	2.80	10	26.51	7.78	2.46	10	23.91	10.14	3.21	3	25.16	1.31	0.75
	3	10	16.80	8.21	2.60	10	19.67	5.55	1.76	10	15.37	3.82	1.21	3	17.28	2.19	1.27
	4	10	13.55	5.95	1.88	10	12.65	7.16	2.27	10	13.67	5.96	1.88	3	13.29	0.56	0.32
	5	10	18.95	7.00	2.21	10	10.82	5.34	1.69	10	18.00	9.37	2.96	3	15.92	4.45	2.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	1.98	0.26	0.08	10	1.97	0.31	0.10	10	2.04	0.23	0.07	3	2.00	0.04	0.02
	2	10	5.45	0.27	0.09	10	5.78	0.28	0.09	10	5.67	0.32	0.10	3	5.64	0.16	0.10
	3	10	9.89	0.43	0.14	10	10.10	0.42	0.13	10	9.92	0.42	0.13	3	9.97	0.12	0.07
	4	10	15.44	0.37	0.12	10	15.29	0.32	0.10	10	15.29	0.44	0.14	3	15.34	0.09	0.05
	5	10	21.61	0.65	0.20	10	20.91	0.59	0.19	10	21.72	0.58	0.18	3	21.41	0.44	0.25
	9	10	8.89	1.35	0.43	10	11.28	1.35	0.43	10	11.02	2.12	0.67	3	10.40	1.31	0.76
30-Minute	1	10	2.02	0.20	0.06	10	2.05	0.19	0.06	10	2.21	0.14	0.04	3	2.09	0.10	0.06
	2	10	5.64	0.38	0.12	10	5.57	0.38	0.12	10	5.72	0.35	0.11	3	5.64	0.07	0.04
	3	10	9.98	0.31	0.10	10	10.01	0.19	0.06	10	9.93	0.48	0.15	3	9.97	0.04	0.02
	4	10	15.15	0.43	0.14	10	15.64	0.40	0.13	10	15.19	0.30	0.10	3	15.33	0.27	0.16
	5	10	21.36	0.49	0.16	10	21.06	0.41	0.13	10	21.27	0.66	0.21	3	21.23	0.16	0.09
	9	10	10.21	1.86	0.59	10	9.84	2.55	0.81	10	9.06	2.49	0.79	3	9.70	0.59	0.34
90-Minute	1	10	2.12	0.27	0.08	10	2.09	0.16	0.05	10	2.06	0.29	0.09	3	2.09	0.03	0.02
	2	10	5.64	0.13	0.04	10	5.69	0.55	0.17	10	5.39	0.28	0.09	3	5.57	0.16	0.09
	3	10	10.28	0.33	0.11	10	10.06	0.29	0.09	10	10.02	0.26	0.08	3	10.12	0.14	0.08
	4	10	15.23	0.22	0.07	10	15.49	0.33	0.11	10	15.34	0.40	0.13	3	15.35	0.13	0.07
	5	10	21.01	0.38	0.12	10	21.06	0.60	0.19	10	21.22	0.38	0.12	3	21.09	0.11	0.06
	9	10	12.21	1.13	0.36	10	11.31	1.82	0.58	10	10.92	1.82	0.57	3	11.48	0.66	0.38
300-Minute	1	10	1.88	0.38	0.12	10	2.11	0.31	0.10	10	2.12	0.29	0.09	3	2.04	0.14	0.08
	2	10	5.76	0.35	0.11	10	5.49	0.25	0.08	10	5.48	0.28	0.09	3	5.58	0.16	0.09
	3	10	9.93	0.45	0.14	10	10.04	0.33	0.10	10	10.23	0.38	0.12	3	10.07	0.15	0.09
	4	10	15.62	0.26	0.08	10	15.36	0.36	0.11	10	15.43	0.36	0.11	3	15.47	0.14	0.08
	5	10	21.02	0.50	0.16	10	21.03	0.45	0.14	10	20.83	0.48	0.15	3	20.96	0.11	0.07
	9	10	12.20	1.01	0.32	10	12.15	1.18	0.37	10	12.02	1.46	0.46	3	12.12	0.09	0.05
600-Minute	1	10	2.09	0.27	0.09	10	2.28	0.34	0.11	10	2.37	0.27	0.09	3	2.24	0.14	0.08
	2	10	5.77	0.31	0.10	10	5.56	0.32	0.10	10	5.59	0.30	0.09	3	5.64	0.11	0.07
	3	10	9.94	0.53	0.17	10	10.23	0.39	0.12	10	10.30	0.49	0.15	3	10.16	0.19	0.11
	4	10	15.34	0.25	0.08	10	15.05	0.37	0.12	10	15.04	0.29	0.09	3	15.14	0.17	0.10
	5	10	20.98	0.46	0.15	10	21.27	0.50	0.16	10	21.09	0.51	0.16	3	21.11	0.14	0.08
	9	10	10.89	1.45	0.46	10	8.76	1.40	0.44	10	10.61	2.46	0.78	3	10.09	1.16	0.67

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.32	0.30	0.09	10	1.99	0.28	0.09	10	2.04	0.31	0.10	3	2.12	0.18	0.10
	2	10	5.58	0.35	0.11	10	5.79	0.28	0.09	10	5.65	0.44	0.14	3	5.68	0.11	0.06
	3	10	10.08	0.37	0.12	10	10.13	0.47	0.15	10	10.02	0.42	0.13	3	10.07	0.06	0.03
	4	10	15.21	0.23	0.07	10	15.40	0.39	0.12	10	15.13	0.51	0.16	3	15.25	0.14	0.08
	5	10	21.34	0.56	0.18	10	21.15	0.52	0.16	10	21.36	0.47	0.15	3	21.29	0.12	0.07
	9	10	10.15	1.59	0.50	10	12.68	1.30	0.41	10	12.45	2.17	0.69	3	11.76	1.40	0.81
30-Minute	1	10	2.12	0.31	0.10	10	2.18	0.29	0.09	10	2.23	0.22	0.07	3	2.18	0.06	0.03
	2	10	5.74	0.31	0.10	10	5.58	0.34	0.11	10	5.68	0.34	0.11	3	5.66	0.08	0.05
	3	10	9.98	0.31	0.10	10	10.11	0.39	0.12	10	10.04	0.34	0.11	3	10.04	0.07	0.04
	4	10	15.16	0.27	0.08	10	15.52	0.31	0.10	10	15.16	0.33	0.10	3	15.28	0.21	0.12
	5	10	21.21	0.62	0.20	10	20.93	0.32	0.10	10	20.90	0.51	0.16	3	21.01	0.17	0.10
	9	10	10.71	1.50	0.47	10	10.62	1.86	0.59	10	9.76	1.43	0.45	3	10.36	0.52	0.30
90-Minute	1	10	2.11	0.28	0.09	10	2.29	0.19	0.06	10	2.24	0.21	0.07	3	2.21	0.09	0.05
	2	10	5.78	0.43	0.14	10	5.71	0.31	0.10	10	5.54	0.25	0.08	3	5.68	0.12	0.07
	3	10	10.04	0.37	0.12	10	10.29	0.36	0.11	10	9.96	0.18	0.06	3	10.10	0.17	0.10
	4	10	15.41	0.38	0.12	10	15.26	0.42	0.13	10	15.44	0.27	0.08	3	15.37	0.10	0.06
	5	10	20.88	0.71	0.23	10	21.04	0.45	0.14	10	21.08	0.52	0.16	3	21.00	0.10	0.06
	9	10	12.17	0.97	0.31	10	11.98	1.45	0.46	10	12.15	1.53	0.48	3	12.10	0.11	0.06
300-Minute	1	10	2.14	0.19	0.06	10	2.25	0.17	0.05	10	2.33	0.26	0.08	3	2.24	0.10	0.06
	2	10	5.82	0.42	0.13	10	5.74	0.39	0.12	10	5.67	0.19	0.06	3	5.74	0.08	0.04
	3	10	9.87	0.34	0.11	10	10.22	0.48	0.15	10	10.01	0.30	0.10	3	10.03	0.18	0.10
	4	10	15.53	0.55	0.17	10	15.27	0.42	0.13	10	15.46	0.41	0.13	3	15.42	0.14	0.08
	5	10	20.71	0.29	0.09	10	20.79	0.53	0.17	10	20.98	0.70	0.22	3	20.83	0.14	0.08
	9	10	12.57	0.92	0.29	10	12.71	1.26	0.40	10	12.90	1.28	0.40	3	12.73	0.17	0.10
600-Minute	1	10	2.41	0.24	0.08	10	2.18	0.21	0.07	10	2.27	0.32	0.10	3	2.29	0.12	0.07
	2	10	5.59	0.37	0.12	10	5.62	0.36	0.12	10	5.44	0.30	0.09	3	5.55	0.10	0.06
	3	10	9.84	0.49	0.15	10	10.01	0.45	0.14	10	10.39	0.42	0.13	3	10.08	0.28	0.16
	4	10	15.52	0.42	0.13	10	15.05	0.31	0.10	10	15.26	0.44	0.14	3	15.28	0.23	0.14
	5	10	20.90	0.34	0.11	10	21.28	0.64	0.20	10	20.74	0.35	0.11	3	20.97	0.28	0.16
	9	10	10.93	1.07	0.34	10	9.21	1.19	0.38	10	9.59	1.91	0.60	3	9.91	0.91	0.52

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.32	0.33	0.11	10	2.25	0.23	0.07	10	2.38	0.24	0.08	3	2.32	0.06	0.04
	2	10	5.69	0.27	0.09	10	5.80	0.30	0.09	10	5.64	0.25	0.08	3	5.71	0.08	0.05
	3	10	10.17	0.45	0.14	10	10.16	0.31	0.10	10	10.07	0.26	0.08	3	10.13	0.05	0.03
	4	10	14.87	0.37	0.12	10	15.22	0.55	0.18	10	15.16	0.38	0.12	3	15.08	0.18	0.11
	5	10	21.77	0.40	0.13	10	20.76	0.73	0.23	10	21.29	0.53	0.17	3	21.28	0.51	0.29
	9	10	12.09	1.84	0.58	10	11.75	1.35	0.43	10	11.30	0.94	0.30	3	11.72	0.40	0.23
30-Minute	1	10	2.24	0.27	0.08	10	2.22	0.28	0.09	10	2.17	0.29	0.09	3	2.21	0.04	0.02
	2	10	5.82	0.32	0.10	10	5.68	0.30	0.09	10	5.58	0.28	0.09	3	5.69	0.12	0.07
	3	10	10.04	0.28	0.09	10	10.10	0.35	0.11	10	10.24	0.48	0.15	3	10.13	0.11	0.06
	4	10	15.26	0.46	0.15	10	15.36	0.44	0.14	10	15.41	0.29	0.09	3	15.34	0.07	0.04
	5	10	21.29	0.42	0.13	10	21.06	0.57	0.18	10	21.32	0.49	0.16	3	21.22	0.14	0.08
	9	10	11.33	1.67	0.53	10	12.35	2.06	0.65	10	11.50	1.65	0.52	3	11.73	0.54	0.31
90-Minute	1	10	2.05	0.23	0.07	10	2.29	0.23	0.07	10	2.32	0.26	0.08	3	2.22	0.15	0.09
	2	10	5.72	0.30	0.09	10	5.79	0.35	0.11	10	5.66	0.39	0.12	3	5.72	0.06	0.04
	3	10	10.17	0.36	0.11	10	10.32	0.33	0.10	10	10.35	0.26	0.08	3	10.28	0.10	0.06
	4	10	15.38	0.48	0.15	10	15.37	0.37	0.12	10	15.36	0.39	0.12	3	15.37	0.01	0.01
	5	10	21.19	0.56	0.18	10	21.21	0.37	0.12	10	20.98	0.56	0.18	3	21.13	0.13	0.07
	9	10	12.24	1.44	0.46	10	12.74	1.51	0.48	10	12.53	1.23	0.39	3	12.50	0.25	0.15
300-Minute	1	10	2.23	0.26	0.08	10	2.20	0.29	0.09	10	2.28	0.28	0.09	3	2.23	0.04	0.02
	2	10	5.79	0.38	0.12	10	5.80	0.37	0.12	10	5.55	0.32	0.10	3	5.71	0.14	0.08
	3	10	10.13	0.29	0.09	10	10.37	0.28	0.09	10	10.31	0.28	0.09	3	10.27	0.12	0.07
	4	10	15.31	0.48	0.15	10	14.97	0.47	0.15	10	15.23	0.36	0.11	3	15.17	0.18	0.10
	5	10	21.02	0.52	0.16	10	20.80	0.52	0.17	10	21.09	0.40	0.13	3	20.97	0.15	0.09
	9	10	11.84	0.98	0.31	10	11.65	1.50	0.47	10	10.62	1.17	0.37	3	11.37	0.65	0.38
600-Minute	1	10	2.20	0.31	0.10	10	2.20	0.22	0.07	10	2.28	0.16	0.05	3	2.22	0.05	0.03
	2	10	5.73	0.20	0.06	10	5.58	0.38	0.12	10	5.83	0.32	0.10	3	5.72	0.12	0.07
	3	10	10.09	0.36	0.11	10	10.24	0.54	0.17	10	10.33	0.37	0.12	3	10.22	0.12	0.07
	4	10	15.40	0.39	0.12	10	15.20	0.50	0.16	10	15.22	0.44	0.14	3	15.27	0.11	0.06
	5	10	20.96	0.40	0.13	10	21.03	0.60	0.19	10	20.89	0.63	0.20	3	20.96	0.07	0.04
	9	10	9.93	1.09	0.34	10	9.77	1.30	0.41	10	10.31	1.82	0.58	3	10.00	0.28	0.16

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.26	0.34	0.11	10	2.13	0.29	0.09	10	2.34	0.20	0.06	3	2.25	0.10	0.06
	2	10	5.69	0.27	0.09	10	5.64	0.23	0.07	10	5.66	0.24	0.08	3	5.66	0.03	0.02
	3	10	10.17	0.54	0.17	10	10.13	0.22	0.07	10	10.16	0.31	0.10	3	10.15	0.02	0.01
	4	10	15.00	0.41	0.13	10	15.30	0.58	0.18	10	15.17	0.51	0.16	3	15.16	0.15	0.09
	5	10	21.37	0.48	0.15	10	20.68	0.51	0.16	10	21.18	0.57	0.18	3	21.07	0.36	0.21
	9	10	10.36	0.78	0.25	10	11.50	0.59	0.19	10	11.12	0.98	0.31	3	10.99	0.58	0.34
30-Minute	1	10	2.25	0.27	0.08	10	2.35	0.28	0.09	10	2.25	0.26	0.08	3	2.29	0.06	0.03
	2	10	5.70	0.37	0.12	10	5.42	0.34	0.11	10	5.52	0.35	0.11	3	5.55	0.15	0.08
	3	10	9.95	0.47	0.15	10	10.18	0.33	0.10	10	10.08	0.46	0.15	3	10.07	0.12	0.07
	4	10	15.49	0.47	0.15	10	15.19	0.47	0.15	10	14.96	0.41	0.13	3	15.21	0.27	0.15
	5	10	20.91	0.37	0.12	10	20.99	0.51	0.16	10	20.84	0.54	0.17	3	20.92	0.08	0.04
	9	10	10.53	1.58	0.50	10	10.26	1.48	0.47	10	9.89	1.89	0.60	3	10.23	0.32	0.18
90-Minute	1	10	2.08	0.33	0.10	10	2.29	0.19	0.06	10	2.31	0.34	0.11	3	2.23	0.13	0.07
	2	10	5.78	0.30	0.10	10	5.60	0.34	0.11	10	5.58	0.39	0.12	3	5.65	0.11	0.06
	3	10	10.05	0.41	0.13	10	10.31	0.38	0.12	10	10.25	0.31	0.10	3	10.20	0.14	0.08
	4	10	15.20	0.38	0.12	10	15.27	0.44	0.14	10	14.86	0.37	0.12	3	15.11	0.22	0.13
	5	10	21.22	0.73	0.23	10	21.34	0.47	0.15	10	21.00	0.44	0.14	3	21.19	0.18	0.10
	9	10	11.33	1.00	0.32	10	11.72	2.01	0.64	10	10.68	2.03	0.64	3	11.24	0.53	0.30
300-Minute	1	10	2.25	0.30	0.09	10	2.32	0.33	0.10	10	2.32	0.15	0.05	3	2.30	0.04	0.02
	2	10	5.75	0.27	0.09	10	5.53	0.28	0.09	10	5.53	0.12	0.04	3	5.61	0.13	0.07
	3	10	10.04	0.49	0.16	10	10.26	0.31	0.10	10	10.32	0.42	0.13	3	10.21	0.15	0.09
	4	10	15.52	0.44	0.14	10	15.28	0.37	0.12	10	15.13	0.41	0.13	3	15.31	0.20	0.11
	5	10	20.63	0.64	0.20	10	20.87	0.59	0.19	10	20.78	0.48	0.15	3	20.76	0.12	0.07
	9	10	12.40	0.76	0.24	10	11.58	1.23	0.39	10	11.15	0.81	0.26	3	11.71	0.64	0.37
600-Minute	1	10	2.22	0.17	0.05	10	2.29	0.25	0.08	10	2.28	0.15	0.05	3	2.26	0.04	0.02
	2	10	5.66	0.28	0.09	10	5.44	0.40	0.13	10	5.66	0.47	0.15	3	5.59	0.12	0.07
	3	10	10.02	0.45	0.14	10	10.09	0.50	0.16	10	10.16	0.21	0.07	3	10.09	0.07	0.04
	4	10	15.30	0.31	0.10	10	15.14	0.56	0.18	10	15.13	0.44	0.14	3	15.19	0.09	0.05
	5	10	20.89	0.59	0.19	10	21.15	0.37	0.12	10	20.88	0.35	0.11	3	20.97	0.16	0.09
	9	10	9.69	1.89	0.60	10	8.28	1.75	0.55	10	9.43	2.32	0.73	3	9.14	0.75	0.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.25	0.71	0.25	7	2.57	0.79	0.30	8	2.37	0.64	0.23	3	2.40	0.16	0.09
	2	9	5.78	0.91	0.30	9	6.28	0.83	0.28	10	5.80	1.06	0.33	3	5.95	0.28	0.16
	3	10	9.60	1.20	0.38	9	10.00	1.15	0.38	10	10.10	1.24	0.39	3	9.90	0.26	0.15
	4	10	15.90	0.81	0.26	10	15.40	1.02	0.32	10	15.30	1.36	0.43	3	15.53	0.32	0.19
	5	10	21.85	2.31	0.73	10	20.80	1.87	0.59	10	22.50	1.15	0.37	3	21.72	0.86	0.50
	9	10	5.70	3.81	1.20	10	12.30	8.40	2.66	10	12.30	9.82	3.11	3	10.10	3.81	2.20
30-Minute	1	8	2.62	0.88	0.31	9	2.06	0.73	0.24	10	2.45	0.72	0.23	3	2.38	0.29	0.17
	2	10	5.95	1.01	0.32	8	5.81	0.75	0.27	10	6.10	0.74	0.23	3	5.95	0.14	0.08
	3	10	9.90	0.99	0.31	10	10.25	1.18	0.37	10	9.75	1.36	0.43	3	9.97	0.26	0.15
	4	10	15.65	0.97	0.31	9	15.72	1.39	0.46	10	15.10	1.31	0.41	3	15.49	0.34	0.20
	5	10	21.05	1.42	0.45	10	21.40	1.61	0.51	10	21.10	2.13	0.67	3	21.18	0.19	0.11
	9	10	7.65	4.81	1.52	10	6.75	6.31	2.00	10	7.80	6.98	2.21	3	7.40	0.57	0.33
90-Minute	1	8	2.56	0.73	0.26	10	2.10	0.70	0.22	7	2.64	0.75	0.28	3	2.44	0.29	0.17
	2	10	5.95	1.04	0.33	10	6.00	1.08	0.34	10	5.75	0.95	0.30	3	5.90	0.13	0.08
	3	10	10.30	0.98	0.31	10	10.05	1.23	0.39	10	9.75	1.34	0.42	3	10.03	0.28	0.16
	4	10	15.55	1.46	0.46	10	16.25	0.98	0.31	10	15.15	1.03	0.33	3	15.65	0.56	0.32
	5	10	21.00	1.67	0.53	10	21.80	1.92	0.61	10	21.10	1.41	0.45	3	21.30	0.44	0.25
	9	10	10.90	5.64	1.78	10	7.25	7.66	2.42	10	6.15	5.10	1.61	3	8.10	2.49	1.44
300-Minute	1	5	2.30	0.76	0.34	6	2.75	0.99	0.40	10	2.30	0.54	0.17	3	2.45	0.26	0.15
	2	10	6.00	0.91	0.29	10	5.90	0.97	0.31	9	5.94	0.92	0.31	3	5.95	0.05	0.03
	3	10	10.10	0.77	0.24	10	9.85	1.16	0.37	10	10.80	1.44	0.45	3	10.25	0.49	0.28
	4	10	15.75	1.53	0.48	10	15.55	1.59	0.50	10	15.40	1.37	0.43	3	15.57	0.18	0.10
	5	10	21.25	1.70	0.54	10	20.95	1.46	0.46	10	20.95	1.38	0.44	3	21.05	0.17	0.10
	9	10	11.05	5.54	1.75	10	10.45	7.31	2.31	10	13.55	8.32	2.63	3	11.68	1.64	0.95
600-Minute	1	8	2.50	0.71	0.25	10	2.70	0.71	0.23	10	2.55	0.76	0.24	3	2.58	0.10	0.06
	2	9	5.56	1.07	0.36	10	5.70	0.86	0.27	10	5.95	1.09	0.35	3	5.74	0.20	0.12
	3	10	9.95	1.26	0.40	10	10.75	0.89	0.28	10	10.95	0.69	0.22	3	10.55	0.53	0.31
	4	10	16.30	1.14	0.36	10	15.40	1.17	0.37	10	15.25	1.16	0.37	3	15.65	0.57	0.33
	5	10	21.45	1.86	0.59	10	21.65	1.87	0.59	10	21.55	1.52	0.48	3	21.55	0.10	0.06
	9	10	6.10	3.11	0.98	10	3.25	1.59	0.50	10	9.95	9.10	2.88	3	6.43	3.36	1.94

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.83	0.61	0.20	7	2.57	0.67	0.25	6	2.33	0.93	0.38	3	2.58	0.25	0.14
	2	9	5.94	0.88	0.29	9	5.56	1.01	0.34	10	5.85	0.75	0.24	3	5.78	0.20	0.12
	3	10	9.90	1.24	0.39	9	10.50	1.06	0.35	10	9.60	1.07	0.34	3	10.00	0.46	0.26
	4	10	15.90	0.99	0.31	10	16.05	1.23	0.39	10	14.75	1.48	0.47	3	15.57	0.71	0.41
	5	10	21.60	1.70	0.54	10	21.15	2.11	0.67	10	20.55	1.62	0.51	3	21.10	0.53	0.30
	9	10	6.95	5.49	1.74	10	17.15	7.18	2.27	10	14.45	9.27	2.93	3	12.85	5.28	3.05
30-Minute	1	7	2.64	0.94	0.36	10	2.20	0.71	0.23	10	2.30	0.67	0.21	3	2.38	0.23	0.13
	2	9	6.28	1.18	0.39	10	5.60	0.74	0.23	9	6.22	0.44	0.15	3	6.03	0.38	0.22
	3	10	9.55	0.72	0.23	10	10.60	1.39	0.44	10	10.25	1.34	0.42	3	10.13	0.53	0.31
	4	10	15.50	1.29	0.41	10	16.75	1.21	0.38	10	15.35	1.31	0.42	3	15.87	0.77	0.44
	5	10	20.85	1.49	0.47	10	20.60	1.35	0.43	10	20.20	1.57	0.50	3	20.55	0.33	0.19
	9	10	7.85	4.32	1.37	10	8.75	7.90	2.50	10	5.55	5.57	1.76	3	7.38	1.65	0.95
90-Minute	1	7	2.50	0.82	0.31	10	2.40	0.70	0.22	9	2.06	0.53	0.18	3	2.32	0.23	0.13
	2	10	6.00	0.82	0.26	10	5.75	0.89	0.28	10	5.65	1.00	0.32	3	5.80	0.18	0.10
	3	10	9.75	0.72	0.23	10	10.75	1.14	0.36	10	9.50	0.71	0.22	3	10.00	0.66	0.38
	4	10	16.15	1.18	0.37	10	16.35	1.03	0.33	10	15.80	1.27	0.40	3	16.10	0.28	0.16
	5	10	21.35	2.16	0.68	10	21.00	1.37	0.43	10	21.30	1.53	0.48	3	21.22	0.19	0.11
	9	10	13.65	5.94	1.88	10	8.70	7.15	2.26	10	10.45	7.64	2.42	3	10.93	2.51	1.45
300-Minute	1	8	2.50	0.80	0.28	9	2.50	0.61	0.20	10	2.60	0.74	0.23	3	2.53	0.06	0.03
	2	10	5.65	0.94	0.30	10	6.05	1.01	0.32	9	5.72	0.57	0.19	3	5.81	0.21	0.12
	3	10	9.50	0.62	0.20	10	10.35	1.29	0.41	10	9.95	1.17	0.37	3	9.93	0.43	0.25
	4	10	16.45	0.83	0.26	9	15.28	1.30	0.43	10	15.60	1.17	0.37	3	15.78	0.61	0.35
	5	10	20.15	1.83	0.58	10	20.25	1.38	0.44	10	20.45	1.17	0.37	3	20.28	0.15	0.09
	9	10	11.05	5.48	1.73	10	13.25	7.27	2.30	10	16.20	5.85	1.85	3	13.50	2.58	1.49
600-Minute	1	10	2.65	0.67	0.21	10	2.10	0.70	0.22	9	2.50	0.61	0.20	3	2.42	0.28	0.16
	2	10	5.50	1.05	0.33	10	5.75	0.92	0.29	9	5.78	1.12	0.37	3	5.68	0.15	0.09
	3	10	9.70	0.98	0.31	10	10.30	1.23	0.39	10	10.85	0.71	0.22	3	10.28	0.58	0.33
	4	10	15.75	1.51	0.48	10	15.22	1.20	0.38	10	16.10	0.91	0.29	3	15.69	0.44	0.25
	5	10	21.15	1.38	0.43	10	22.00	2.05	0.65	10	19.75	1.09	0.34	3	20.97	1.14	0.66
	9	10	6.85	5.51	1.74	10	3.85	2.70	0.85	10	4.70	4.85	1.54	3	5.13	1.55	0.89

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.33	0.83	0.28	10	2.50	0.82	0.26	10	2.65	0.78	0.25	3	2.49	0.16	0.09
	2	8	6.19	0.80	0.28	10	6.10	0.77	0.24	9	6.06	1.04	0.35	3	6.11	0.07	0.04
	3	10	10.35	1.31	0.42	10	9.90	1.07	0.34	10	9.95	1.48	0.47	3	10.07	0.25	0.14
	4	10	14.95	1.21	0.38	9	15.22	1.52	0.51	10	16.00	0.71	0.22	3	15.39	0.54	0.31
	5	10	22.60	1.31	0.41	10	20.00	1.83	0.58	10	21.20	2.16	0.68	3	21.27	1.30	0.75
	9	10	9.35	8.80	2.78	10	8.70	7.45	2.36	10	6.00	3.94	1.24	3	8.02	1.78	1.03
30-Minute	1	10	2.30	0.86	0.27	10	2.10	0.70	0.22	9	2.17	0.79	0.26	3	2.19	0.10	0.06
	2	10	6.60	0.57	0.18	10	5.95	0.86	0.27	10	5.75	0.92	0.29	3	6.10	0.44	0.26
	3	10	10.00	1.05	0.33	10	10.10	1.22	0.39	10	10.60	1.24	0.39	3	10.23	0.32	0.19
	4	10	15.55	1.38	0.44	10	15.85	1.06	0.33	10	16.38	0.81	0.26	3	15.92	0.42	0.24
	5	10	21.00	1.51	0.48	10	20.85	1.67	0.53	10	21.75	1.46	0.46	3	21.20	0.48	0.28
	9	10	7.10	7.10	2.25	10	13.60	9.19	2.91	10	8.70	9.39	2.97	3	9.80	3.39	1.96
90-Minute	1	8	1.75	0.38	0.13	10	2.65	0.75	0.24	7	2.29	0.76	0.29	3	2.23	0.45	0.26
	2	10	5.90	1.13	0.36	10	6.30	1.01	0.32	9	5.83	0.87	0.29	3	6.01	0.25	0.15
	3	10	10.05	0.96	0.30	10	10.70	0.89	0.28	10	10.35	0.63	0.20	3	10.37	0.33	0.19
	4	10	15.85	1.38	0.43	10	15.37	1.44	0.46	10	15.75	1.06	0.34	3	15.66	0.25	0.14
	5	10	21.95	1.98	0.63	10	20.60	1.52	0.48	10	20.85	1.56	0.49	3	21.13	0.72	0.41
	9	10	11.65	7.65	2.42	10	15.00	8.48	2.68	10	12.25	6.17	1.95	3	12.97	1.79	1.03
300-Minute	1	8	1.87	0.23	0.08	9	2.17	0.87	0.29	10	2.55	0.37	0.12	3	2.20	0.34	0.20
	2	10	6.15	0.97	0.31	10	6.25	1.16	0.37	10	5.80	0.89	0.28	3	6.07	0.24	0.14
	3	10	9.90	0.91	0.29	10	10.10	0.70	0.22	10	10.60	1.60	0.50	3	10.20	0.36	0.21
	4	10	16.00	1.39	0.44	10	15.00	1.31	0.41	9	15.39	0.86	0.29	3	15.46	0.50	0.29
	5	10	20.35	1.86	0.59	10	20.40	1.61	0.51	10	20.50	1.11	0.35	3	20.42	0.08	0.04
	9	10	12.55	6.74	2.13	10	8.70	7.50	2.37	10	7.60	5.76	1.82	3	9.62	2.60	1.50
600-Minute	1	9	2.11	0.65	0.22	10	2.25	0.49	0.15	10	2.30	0.35	0.11	3	2.22	0.10	0.06
	2	10	5.75	0.54	0.17	9	6.39	0.78	0.26	10	6.35	1.11	0.35	3	6.16	0.36	0.21
	3	10	9.80	1.46	0.46	10	10.55	1.42	0.45	10	11.10	0.91	0.29	3	10.48	0.65	0.38
	4	10	14.80	0.92	0.29	10	15.80	1.25	0.40	10	15.80	1.42	0.45	3	15.47	0.58	0.33
	5	10	21.75	2.07	0.66	10	22.05	1.69	0.53	10	21.10	2.13	0.67	3	21.63	0.49	0.28
	9	10	3.75	2.67	0.84	10	5.60	5.04	1.59	10	4.10	4.94	1.56	3	4.48	0.98	0.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.86	0.27	8	2.25	0.93	0.33	10	2.65	0.71	0.22	3	2.37	0.25	0.14
	2	10	6.10	1.05	0.33	10	5.65	0.78	0.25	10	5.55	0.76	0.24	3	5.77	0.29	0.17
	3	9	9.72	0.57	0.19	10	9.85	0.71	0.22	10	10.30	1.23	0.39	3	9.96	0.30	0.18
	4	10	15.25	1.50	0.47	10	15.85	1.00	0.32	10	15.60	1.33	0.42	3	15.57	0.30	0.17
	5	10	21.90	1.49	0.47	10	20.15	1.16	0.37	10	21.40	1.98	0.63	3	21.15	0.90	0.52
	9	10	4.10	2.40	0.76	10	9.25	5.54	1.75	10	7.20	6.86	2.17	3	6.85	2.59	1.50
30-Minute	1	8	2.87	0.58	0.21	8	2.37	0.83	0.30	10	2.10	0.57	0.18	3	2.45	0.39	0.23
	2	10	6.20	0.79	0.25	10	5.75	1.01	0.32	10	6.05	1.14	0.36	3	6.00	0.23	0.13
	3	10	9.80	0.98	0.31	10	10.55	1.30	0.41	10	9.20	0.75	0.24	3	9.85	0.68	0.39
	4	10	16.20	0.82	0.26	9	15.22	1.35	0.45	10	15.75	1.25	0.40	3	15.72	0.49	0.28
	5	10	20.30	1.23	0.39	10	20.40	1.73	0.55	10	20.70	2.02	0.64	3	20.47	0.21	0.12
	9	10	10.75	7.36	2.33	10	4.80	2.08	0.66	10	7.10	7.99	2.53	3	7.55	3.00	1.73
90-Minute	1	9	2.11	0.78	0.26	9	2.22	0.75	0.25	8	2.44	0.78	0.27	3	2.26	0.17	0.10
	2	9	5.72	0.79	0.26	10	5.75	0.95	0.30	10	6.15	0.82	0.26	3	5.87	0.24	0.14
	3	10	10.20	1.01	0.32	10	10.35	1.43	0.45	10	10.30	1.03	0.33	3	10.28	0.08	0.04
	4	10	15.30	1.40	0.44	10	15.80	1.34	0.42	10	14.75	1.14	0.36	3	15.28	0.53	0.30
	5	10	21.45	2.23	0.70	10	21.70	2.06	0.65	10	21.20	1.86	0.59	3	21.45	0.25	0.14
	9	10	6.75	3.88	1.23	10	10.50	7.98	2.52	10	8.70	6.60	2.09	3	8.65	1.88	1.08
300-Minute	1	9	2.17	0.71	0.24	9	2.78	0.83	0.28	10	2.50	0.47	0.15	3	2.48	0.31	0.18
	2	10	5.85	0.94	0.30	9	5.94	1.29	0.43	10	5.35	0.88	0.28	3	5.71	0.32	0.18
	3	10	10.00	1.13	0.36	10	9.85	1.11	0.35	10	10.75	1.60	0.51	3	10.20	0.48	0.28
	4	10	16.20	1.30	0.41	10	15.25	1.46	0.46	9	15.50	0.94	0.31	3	15.65	0.49	0.28
	5	10	20.55	1.71	0.54	10	20.70	1.67	0.53	10	19.70	1.01	0.32	3	20.32	0.54	0.31
	9	10	10.75	5.07	1.60	10	11.15	7.70	2.43	10	8.95	5.57	1.76	3	10.28	1.17	0.68
600-Minute	1	10	2.20	0.71	0.23	10	2.30	0.71	0.23	10	2.20	0.54	0.17	3	2.23	0.06	0.03
	2	10	5.70	0.98	0.31	8	5.69	0.46	0.16	8	6.19	0.70	0.25	3	5.86	0.29	0.16
	3	10	10.25	1.53	0.48	10	10.30	1.23	0.39	10	10.40	1.02	0.32	3	10.32	0.08	0.04
	4	10	15.20	1.25	0.40	10	16.00	1.11	0.35	10	15.35	1.49	0.47	3	15.52	0.43	0.25
	5	10	20.65	1.55	0.49	10	21.50	1.89	0.60	10	20.85	1.63	0.52	3	21.00	0.44	0.26
	9	10	6.10	5.18	1.64	10	3.75	2.46	0.78	10	5.50	6.10	1.93	3	5.12	1.22	0.70

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	35.58	18.67	5.90	10	21.93	11.94	3.77	10	25.75	14.94	4.73	3	27.75	7.04	4.07
	2	10	19.96	7.68	2.43	10	15.16	6.03	1.91	10	16.69	7.11	2.25	3	17.27	2.45	1.41
	3	10	18.69	7.65	2.42	10	24.18	17.70	5.60	10	19.66	13.51	4.27	3	20.85	2.93	1.69
	4	10	12.37	6.69	2.12	10	14.81	5.04	1.60	10	12.24	3.67	1.16	3	13.14	1.45	0.84
	5	10	16.59	9.98	3.15	10	28.62	12.86	4.07	10	25.87	10.03	3.17	3	23.69	6.30	3.64
	6	10	26.24	24.78	7.83	10	13.51	6.13	1.94	10	21.84	13.02	4.12	3	20.53	6.47	3.73
	7	10	15.73	12.64	4.00	10	35.72	21.65	6.85	10	42.37	18.01	5.69	3	31.27	13.87	8.01
	8	10	0.14	0.32	0.10	10	0.56	0.57	0.18	10	0.54	0.33	0.10	3	0.42	0.24	0.14
	9	10	103.19	39.02	12.34	10	104.70	35.05	11.08	10	100.21	20.72	6.55	3	102.70	2.28	1.32
30-Minute	1	10	31.03	26.98	8.53	10	45.29	31.68	10.02	10	50.66	25.61	8.10	3	42.32	10.15	5.86
	2	10	20.66	9.87	3.12	10	26.43	12.05	3.81	10	47.50	27.71	8.76	3	31.53	14.13	8.16
	3	10	27.08	15.50	4.90	10	21.05	9.34	2.95	10	41.09	25.27	7.99	3	29.74	10.28	5.94
	4	10	18.18	6.22	1.97	10	19.63	13.05	4.13	10	26.68	17.25	5.46	3	21.50	4.55	2.62
	5	10	22.75	9.01	2.85	10	30.85	23.53	7.44	10	35.50	48.35	15.29	3	29.70	6.45	3.72
	6	10	11.86	6.89	2.18	10	16.45	19.50	6.17	10	21.30	27.05	8.55	3	16.54	4.72	2.72
	7	10	36.72	26.22	8.29	10	62.43	92.81	29.35	10	97.34	148.91	47.09	3	65.50	30.42	17.57
	8	10	0.83	1.06	0.34	10	1.32	2.37	0.75	10	2.04	3.99	1.26	3	1.39	0.61	0.35
	9	10	119.70	34.70	10.97	10	143.25	48.39	15.30	10	201.42	96.87	30.63	3	154.79	42.07	24.29
90-Minute	1	10	16.96	7.70	2.43	10	23.93	12.27	3.88	10	30.46	22.42	7.09	3	23.78	6.75	3.90
	2	10	15.20	5.44	1.72	10	15.00	5.44	1.72	10	24.65	10.73	3.39	3	18.28	5.52	3.18
	3	10	24.98	9.02	2.85	10	15.56	5.83	1.84	10	26.79	20.37	6.44	3	22.44	6.03	3.48
	4	10	17.86	6.90	2.18	10	16.45	5.93	1.88	10	18.80	11.68	3.69	3	17.70	1.18	0.68
	5	10	31.86	18.02	5.70	10	27.85	16.77	5.30	10	33.43	17.38	5.50	3	31.05	2.88	1.66
	6	10	14.60	6.08	1.92	10	17.21	10.67	3.37	10	19.56	9.90	3.13	3	17.12	2.48	1.43
	7	10	50.70	20.30	6.42	10	57.31	49.92	15.79	10	67.09	59.36	18.77	3	58.37	8.25	4.76
	8	10	0.93	0.67	0.21	10	1.69	1.39	0.44	10	2.02	1.82	0.58	3	1.55	0.56	0.32
	9	10	106.86	28.43	8.99	10	98.78	28.90	9.14	10	134.13	57.00	18.02	3	113.26	18.52	10.70
300-Minute	1	10	9.32	3.45	1.09	10	8.17	2.66	0.84	10	7.87	3.96	1.25	3	8.45	0.76	0.44
	2	10	7.34	2.53	0.80	10	8.25	2.64	0.83	10	9.41	4.62	1.46	3	8.33	1.04	0.60
	3	10	13.85	7.14	2.26	10	9.32	4.25	1.34	10	7.08	2.74	0.87	3	10.08	3.45	1.99
	4	10	11.41	4.24	1.34	10	7.88	3.61	1.14	10	8.15	2.15	0.68	3	9.15	1.96	1.13
	5	10	15.78	4.23	1.34	10	15.77	8.04	2.54	10	13.59	3.52	1.11	3	15.05	1.26	0.73
	6	10	8.85	4.55	1.44	10	6.97	2.94	0.93	10	5.30	2.96	0.94	3	7.04	1.78	1.03
	7	10	30.61	15.95	5.04	10	25.58	15.91	5.03	10	18.31	10.63	3.36	3	24.83	6.18	3.57
	8	10	0.48	0.33	0.10	10	0.38	0.30	0.09	10	0.35	0.39	0.12	3	0.40	0.07	0.04
	9	10	57.70	10.26	3.25	10	49.39	15.81	5.00	10	46.10	10.59	3.35	3	51.06	5.98	3.45

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	8.70	3.98	1.26	10	19.48	6.52	2.06	10	21.04	12.26	3.88	3	16.41	6.72	3.88
	2	10	10.82	6.37	2.02	10	13.70	6.85	2.17	10	21.03	10.02	3.17	3	15.18	5.26	3.04
	3	10	11.68	6.23	1.97	10	10.43	4.65	1.47	10	11.92	5.34	1.69	3	11.34	0.80	0.46
	4	10	8.89	3.95	1.25	10	8.84	5.88	1.86	10	16.08	12.15	3.84	3	11.27	4.16	2.40
	5	10	11.00	5.91	1.87	10	9.03	6.17	1.95	10	25.49	19.99	6.32	3	15.17	8.99	5.19
	6	10	7.39	5.98	1.89	10	7.28	6.38	2.02	10	13.67	10.51	3.32	3	9.45	3.66	2.11
	7	10	23.09	23.90	7.56	10	27.28	29.75	9.41	10	73.86	64.44	20.38	3	41.41	28.18	16.27
	8	10	0.70	1.20	0.38	10	0.61	0.70	0.22	10	1.48	1.64	0.52	3	0.93	0.48	0.27
	9	10	51.09	18.70	5.91	10	61.47	23.71	7.50	10	95.55	47.69	15.08	3	69.37	23.26	13.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	42.73	16.32	5.16	10	16.10	6.28	1.99	10	21.84	14.75	4.67	3	26.89	14.02	8.09
	2	10	33.33	16.47	5.21	10	19.09	7.71	2.44	10	20.66	7.97	2.52	3	24.36	7.80	4.51
	3	10	29.27	14.57	4.61	10	39.67	38.32	12.12	10	25.02	19.92	6.30	3	31.32	7.54	4.35
	4	10	20.33	8.62	2.73	10	20.39	7.02	2.22	10	21.95	10.82	3.42	3	20.89	0.92	0.53
	5	10	34.54	16.16	5.11	10	40.02	9.77	3.09	10	37.81	18.24	5.77	3	37.46	2.76	1.59
	6	10	33.51	19.67	6.22	10	22.76	13.20	4.17	10	22.91	11.16	3.53	3	26.39	6.16	3.56
	7	10	33.24	6.73	2.13	10	47.18	18.94	5.99	10	39.57	12.21	3.86	3	40.00	6.98	4.03
	8	10	0.47	0.31	0.10	10	0.52	0.38	0.12	10	0.33	0.25	0.08	3	0.44	0.10	0.06
	9	10	160.20	44.66	14.12	10	135.27	54.07	17.10	10	127.28	42.59	13.47	3	140.91	17.17	9.91
30-Minute	1	10	32.92	25.56	8.08	10	57.65	31.50	9.96	10	56.30	21.56	6.82	3	48.96	13.90	8.03
	2	10	27.71	8.99	2.84	10	42.43	24.75	7.83	10	51.55	30.61	9.68	3	40.56	12.03	6.95
	3	10	44.55	21.98	6.95	10	37.71	25.96	8.21	10	39.54	15.33	4.85	3	40.60	3.54	2.05
	4	10	25.67	9.89	3.13	10	29.07	10.12	3.20	10	28.77	12.60	3.98	3	27.83	1.88	1.09
	5	10	30.07	12.21	3.86	10	51.72	17.23	5.45	10	40.16	17.85	5.64	3	40.65	10.83	6.26
	6	10	15.16	9.60	3.04	10	17.37	10.76	3.40	10	15.28	7.52	2.38	3	15.94	1.24	0.72
	7	10	39.21	25.56	8.08	10	39.77	20.70	6.54	10	38.20	26.55	8.40	3	39.06	0.80	0.46
	8	10	0.30	0.23	0.07	10	0.30	0.27	0.08	10	0.44	0.41	0.13	3	0.35	0.08	0.05
	9	10	160.92	51.81	16.38	10	218.58	46.83	14.81	10	216.33	49.49	15.65	3	198.61	32.66	18.86
90-Minute	1	10	25.36	13.18	4.17	10	30.97	18.06	5.71	10	26.59	8.64	2.73	3	27.64	2.95	1.70
	2	10	22.16	9.24	2.92	10	26.64	13.48	4.26	10	34.68	22.51	7.12	3	27.83	6.35	3.66
	3	10	55.90	26.91	8.51	10	32.42	15.57	4.92	10	41.32	24.85	7.86	3	43.21	11.86	6.85
	4	10	34.27	8.85	2.80	10	33.64	15.91	5.03	10	27.71	7.36	2.33	3	31.87	3.62	2.09
	5	10	47.67	17.23	5.45	10	43.92	12.91	4.08	10	54.10	18.30	5.79	3	48.57	5.15	2.97
	6	10	18.49	7.00	2.21	10	21.69	10.66	3.37	10	22.54	5.01	1.58	3	20.91	2.14	1.24
	7	10	55.77	16.44	5.20	10	66.49	25.01	7.91	10	73.35	30.80	9.74	3	65.20	8.86	5.11
	8	10	1.44	1.01	0.32	10	1.64	0.84	0.26	10	1.88	0.92	0.29	3	1.65	0.22	0.13
	9	10	185.36	22.51	7.12	10	167.60	57.36	18.14	10	184.40	48.29	15.27	3	179.12	9.99	5.77
300-Minute	1	10	6.78	2.51	0.79	10	6.53	2.06	0.65	10	8.17	3.38	1.07	3	7.16	0.88	0.51
	2	10	10.69	5.65	1.79	10	9.68	2.56	0.81	10	8.65	4.13	1.31	3	9.67	1.02	0.59
	3	10	24.32	13.82	4.37	10	11.27	6.04	1.91	10	10.24	5.44	1.72	3	15.28	7.85	4.53
	4	10	14.18	4.23	1.34	10	8.98	3.84	1.21	10	11.98	3.66	1.16	3	11.72	2.61	1.51
	5	10	19.15	4.90	1.55	10	17.38	5.50	1.74	10	18.30	6.02	1.90	3	18.28	0.89	0.51
	6	10	6.28	3.20	1.01	10	5.74	1.94	0.61	10	5.04	2.54	0.80	3	5.69	0.62	0.36
	7	10	18.77	7.24	2.29	10	13.00	4.48	1.42	10	11.01	2.10	0.66	3	14.26	4.03	2.33
	8	10	0.21	0.13	0.04	10	0.11	0.13	0.04	10	0.05	0.06	0.02	3	0.12	0.08	0.05
	9	10	75.13	20.54	6.50	10	53.83	10.36	3.28	10	57.34	12.36	3.91	3	62.10	11.42	6.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	10.82	4.28	1.35	10	17.99	7.36	2.33	10	18.98	7.74	2.45	3	15.93	4.45	2.57
	2	10	16.79	16.07	5.08	10	19.58	8.42	2.66	10	18.31	12.26	3.88	3	18.22	1.40	0.81
	3	10	13.30	9.79	3.10	10	14.93	7.84	2.48	10	10.18	2.80	0.89	3	12.81	2.41	1.39
	4	10	10.93	5.73	1.81	10	10.58	4.63	1.47	10	7.90	3.15	1.00	3	9.80	1.66	0.96
	5	10	14.55	4.43	1.40	10	9.68	3.17	1.00	10	13.10	4.82	1.52	3	12.44	2.50	1.44
	6	10	7.51	3.12	0.99	10	8.65	3.35	1.06	10	10.30	3.79	1.20	3	8.82	1.40	0.81
	7	10	18.77	9.45	2.99	10	21.16	15.75	4.98	10	26.12	9.22	2.92	3	22.02	3.75	2.16
	8	10	0.25	0.22	0.07	10	0.51	0.64	0.20	10	0.54	0.38	0.12	3	0.43	0.15	0.09
	9	10	66.39	24.53	7.76	10	72.76	19.03	6.02	10	68.48	12.12	3.83	3	69.21	3.25	1.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	43.87	23.80	7.53	10	31.31	10.25	3.24	10	35.82	13.49	4.27	3	37.00	6.36	3.67
	2	10	37.61	13.05	4.13	10	24.88	8.86	2.80	10	37.05	11.65	3.68	3	33.18	7.19	4.15
	3	10	30.71	8.83	2.79	10	39.65	34.37	10.87	10	36.62	20.30	6.42	3	35.66	4.54	2.62
	4	10	30.43	15.14	4.79	10	27.90	10.04	3.18	10	26.59	10.63	3.36	3	28.31	1.95	1.13
	5	10	65.75	17.75	5.61	10	48.87	20.09	6.35	10	46.35	7.82	2.47	3	53.66	10.55	6.09
	6	10	131.76	64.94	20.54	10	59.00	24.32	7.69	10	49.56	19.39	6.13	3	80.11	44.98	25.97
	7	10	155.40	64.86	20.51	10	146.02	56.71	17.93	10	147.65	32.81	10.38	3	149.69	5.01	2.89
	8	10	2.69	1.80	0.57	10	2.12	1.19	0.38	10	3.06	1.15	0.36	3	2.62	0.47	0.27
	9	10	208.37	41.44	13.10	10	172.61	62.82	19.86	10	182.42	28.32	8.95	3	187.80	18.48	10.67
30-Minute	1	10	40.68	19.12	6.05	10	45.14	20.54	6.50	10	54.02	16.71	5.28	3	46.61	6.79	3.92
	2	10	31.18	16.85	5.33	10	45.13	15.53	4.91	10	58.91	40.06	12.67	3	45.08	13.86	8.00
	3	10	33.71	14.82	4.69	10	37.79	14.62	4.62	10	35.24	15.70	4.96	3	35.58	2.06	1.19
	4	10	28.75	11.06	3.50	10	32.87	12.10	3.83	10	36.78	16.00	5.06	3	32.80	4.01	2.32
	5	10	45.74	19.96	6.31	10	87.59	36.52	11.55	10	79.24	39.35	12.44	3	70.86	22.15	12.79
	6	10	31.46	11.29	3.57	10	44.41	18.02	5.70	10	50.58	25.36	8.02	3	42.15	9.76	5.63
	7	10	138.29	109.15	34.52	10	226.68	98.72	31.22	10	198.09	131.51	41.59	3	187.69	45.10	26.04
	8	10	1.89	1.42	0.45	10	4.04	2.70	0.85	10	4.05	4.13	1.31	3	3.33	1.24	0.72
	9	10	180.07	55.62	17.59	10	248.51	37.22	11.77	10	264.19	72.45	22.91	3	230.93	44.73	25.83
90-Minute	1	10	31.47	16.07	5.08	10	28.31	8.29	2.62	10	32.93	10.75	3.40	3	30.90	2.36	1.36
	2	10	31.01	11.85	3.75	10	31.28	12.63	3.99	10	54.27	27.23	8.61	3	38.85	13.35	7.71
	3	10	50.76	18.51	5.85	10	40.99	19.02	6.01	10	51.75	28.85	9.12	3	47.84	5.95	3.43
	4	10	32.00	11.25	3.56	10	33.67	22.11	6.99	10	48.89	26.07	8.24	3	38.19	9.31	5.38
	5	10	58.67	27.22	8.61	10	69.99	37.88	11.98	10	82.16	38.43	12.15	3	70.27	11.75	6.78
	6	10	37.61	19.64	6.21	10	40.89	23.49	7.43	10	50.38	25.65	8.11	3	42.96	6.63	3.83
	7	10	168.78	100.10	31.66	10	193.58	95.38	30.16	10	236.16	118.39	37.44	3	199.51	34.08	19.67
	8	10	4.13	4.34	1.37	10	4.13	2.59	0.82	10	6.35	5.02	1.59	3	4.87	1.28	0.74
	9	10	203.91	50.33	15.92	10	204.24	77.01	24.35	10	270.01	81.70	25.84	3	226.05	38.07	21.98
300-Minute	1	10	9.07	3.44	1.09	10	10.92	4.20	1.33	10	14.27	7.68	2.43	3	11.42	2.64	1.52
	2	10	14.15	6.40	2.02	10	10.96	4.56	1.44	10	16.62	4.78	1.51	3	13.91	2.84	1.64
	3	10	29.73	13.98	4.42	10	17.78	13.89	4.39	10	15.36	8.51	2.69	3	20.95	7.69	4.44
	4	10	11.48	3.34	1.06	10	11.98	5.09	1.61	10	11.54	6.30	1.99	3	11.67	0.27	0.16
	5	10	19.23	5.92	1.87	10	17.31	7.57	2.39	10	15.27	4.20	1.33	3	17.27	1.98	1.14
	6	10	11.03	6.06	1.92	10	8.67	3.02	0.96	10	9.75	3.27	1.03	3	9.82	1.18	0.68
	7	10	41.60	17.28	5.46	10	39.72	15.51	4.90	10	42.31	12.06	3.81	3	41.21	1.34	0.77
	8	10	0.76	0.54	0.17	10	0.73	0.40	0.13	10	0.67	0.40	0.13	3	0.72	0.05	0.03
	9	10	83.65	22.62	7.15	10	68.94	24.39	7.71	10	73.06	15.04	4.76	3	75.22	7.59	4.38

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Windows 1-10 Mean	Windows 1-10 Std.	Windows 1-10 S.E.	Windows 11-20 N	Windows 11-20 Mean	Windows 11-20 Std.	Windows 11-20 S.E.	Windows 21-30 N	Windows 21-30 Mean	Windows 21-30 Std.	Windows 21-30 S.E.	Grand Mean N	Grand Mean Mean	Grand Mean Std.	Grand Mean S.E.
600-Minute	1	10	18.90	7.09	2.24	10	21.01	4.53	1.43	10	27.63	9.19	2.91	3	22.52	4.55	2.63
	2	10	22.87	10.99	3.48	10	24.45	16.48	5.21	10	23.29	7.84	2.48	3	23.53	0.82	0.47
	3	10	16.48	12.53	3.96	10	18.98	5.73	1.81	10	16.62	5.62	1.78	3	17.36	1.41	0.81
	4	10	10.65	4.72	1.49	10	11.45	3.90	1.23	10	14.53	5.13	1.62	3	12.21	2.05	1.18
	5	10	17.62	6.29	1.99	10	17.47	8.62	2.72	10	25.14	12.15	3.84	3	20.08	4.39	2.53
	6	10	14.07	3.21	1.01	10	11.71	4.05	1.28	10	17.29	9.15	2.89	3	14.36	2.80	1.62
	7	10	48.61	18.71	5.92	10	50.24	21.95	6.94	10	82.91	27.52	8.70	3	60.59	19.35	11.17
	8	10	0.76	1.01	0.32	10	1.35	1.43	0.45	10	2.21	1.25	0.40	3	1.44	0.73	0.42
	9	10	86.52	23.97	7.58	10	93.37	21.55	6.81	10	107.22	15.96	5.05	3	95.70	10.54	6.09

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	45.49	18.47	5.84	10	35.52	11.11	3.51	10	46.21	15.21	4.81	3	42.41	5.97	3.45
	2	10	47.22	10.48	3.31	10	38.01	17.33	5.48	10	37.61	13.60	4.30	3	40.95	5.44	3.14
	3	10	26.10	10.42	3.29	10	48.25	31.99	10.12	10	43.86	19.79	6.26	3	39.40	11.73	6.77
	4	10	30.21	17.58	5.56	10	29.69	11.54	3.65	10	30.74	11.72	3.71	3	30.21	0.53	0.30
	5	10	41.49	15.42	4.88	10	54.44	13.07	4.13	10	53.00	13.58	4.29	3	49.64	7.10	4.10
	6	10	35.75	14.16	4.48	10	38.21	22.33	7.06	10	37.11	23.37	7.39	3	37.02	1.23	0.71
	7	10	61.24	46.16	14.60	10	118.21	53.75	17.00	10	106.63	41.99	13.28	3	95.36	30.11	17.38
	8	10	0.75	0.86	0.27	10	1.86	2.15	0.68	10	1.38	0.81	0.26	3	1.33	0.56	0.32
	9	10	190.52	44.52	14.08	10	205.91	60.89	19.26	10	211.41	39.58	12.52	3	202.61	10.83	6.25
30-Minute	1	10	54.17	24.49	7.74	10	55.20	33.13	10.48	10	68.18	17.70	5.60	3	59.18	7.81	4.51
	2	10	49.93	20.24	6.40	10	68.15	36.30	11.48	10	70.34	29.49	9.32	3	62.81	11.21	6.47
	3	10	47.61	23.52	7.44	10	56.83	30.74	9.72	10	50.16	18.52	5.86	3	51.54	4.76	2.75
	4	10	37.89	12.01	3.80	10	28.73	11.01	3.48	10	41.42	28.44	8.99	3	36.01	6.55	3.78
	5	10	50.40	24.42	7.72	10	58.52	25.78	8.15	10	66.91	54.70	17.30	3	58.61	8.26	4.77
	6	10	34.47	24.04	7.60	10	28.81	27.58	8.72	10	34.86	31.96	10.11	3	32.71	3.38	1.95
	7	10	96.35	86.90	27.48	10	93.93	111.93	35.40	10	117.27	136.92	43.30	3	102.52	12.83	7.41
	8	10	1.24	1.08	0.34	10	1.43	1.76	0.56	10	1.74	2.85	0.90	3	1.47	0.25	0.15
	9	10	239.99	76.07	24.06	10	267.43	55.30	17.49	10	297.02	97.93	30.97	3	268.14	28.52	16.47
90-Minute	1	10	43.11	28.05	8.87	10	39.56	15.34	4.85	10	45.15	21.03	6.65	3	42.60	2.83	1.63
	2	10	39.25	20.09	6.35	10	42.41	20.86	6.60	10	59.20	28.52	9.02	3	46.95	10.72	6.19
	3	10	49.17	22.96	7.26	10	45.95	25.44	8.05	10	45.11	23.32	7.37	3	46.75	2.14	1.24
	4	10	35.50	13.78	4.36	10	43.96	23.79	7.52	10	29.70	12.84	4.06	3	36.39	7.17	4.14
	5	10	53.91	26.34	8.33	10	59.05	27.74	8.77	10	54.09	20.76	6.57	3	55.68	2.92	1.68
	6	10	29.77	14.89	4.71	10	29.86	16.12	5.10	10	26.64	14.18	4.48	3	28.76	1.83	1.06
	7	10	109.10	83.41	26.38	10	100.25	42.77	13.52	10	100.20	57.50	18.18	3	103.18	5.12	2.96
	8	10	1.47	0.83	0.26	10	1.60	1.43	0.45	10	1.71	1.44	0.46	3	1.59	0.12	0.07
	9	10	220.94	57.07	18.05	10	230.93	72.82	23.03	10	233.25	48.26	15.26	3	228.37	6.54	3.78
300-Minute	1	10	12.60	3.95	1.25	10	16.91	6.36	2.01	10	13.64	4.02	1.27	3	14.38	2.25	1.30
	2	10	17.90	7.04	2.23	10	13.89	4.23	1.34	10	17.46	5.12	1.62	3	16.42	2.20	1.27
	3	10	31.34	18.88	5.97	10	16.96	8.47	2.68	10	14.99	9.46	2.99	3	21.10	8.93	5.15
	4	10	20.38	10.75	3.40	10	14.67	7.10	2.24	10	13.22	3.85	1.22	3	16.09	3.79	2.19
	5	10	29.70	6.52	2.06	10	22.63	6.93	2.19	10	18.59	4.26	1.35	3	23.64	5.62	3.25
	6	10	16.37	9.23	2.92	10	11.69	3.75	1.19	10	6.66	2.66	0.84	3	11.57	4.86	2.81
	7	10	66.78	41.07	12.99	10	37.21	11.86	3.75	10	29.28	10.20	3.22	3	44.42	19.76	11.41
	8	10	0.74	0.41	0.13	10	0.43	0.30	0.10	10	0.31	0.16	0.05	3	0.49	0.23	0.13
	9	10	111.91	31.22	9.87	10	85.06	17.07	5.40	10	77.90	10.26	3.24	3	91.63	17.93	10.35

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	26.22	14.21	4.49	10	42.19	19.11	6.04	10	39.12	15.95	5.04	3	35.85	8.47	4.89
	2	10	27.83	12.22	3.86	10	35.29	10.10	3.19	10	31.76	14.44	4.57	3	31.63	3.73	2.15
	3	10	19.06	11.56	3.65	10	27.30	9.07	2.87	10	21.26	8.71	2.75	3	22.54	4.26	2.46
	4	10	15.47	8.54	2.70	10	18.46	13.34	4.22	10	18.62	8.68	2.75	3	17.52	1.77	1.02
	5	10	21.77	12.64	4.00	10	15.39	9.64	3.05	10	25.92	17.30	5.47	3	21.03	5.30	3.06
	6	10	13.40	8.36	2.64	10	15.19	13.51	4.27	10	17.61	11.12	3.52	3	15.40	2.11	1.22
	7	10	39.59	35.83	11.33	10	35.97	27.45	8.68	10	70.21	57.71	18.25	3	48.59	18.81	10.86
	8	10	0.72	1.30	0.41	10	1.06	1.30	0.41	10	1.56	1.82	0.58	3	1.11	0.42	0.24
	9	10	110.35	28.87	9.13	10	138.62	31.83	10.06	10	136.68	28.82	9.11	3	128.55	15.79	9.12

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	40.08	13.73	4.34	10	40.85	9.12	2.88	10	39.05	15.90	5.03	3	39.99	0.90	0.52
	2	10	17.44	7.97	2.52	10	13.14	7.97	2.52	10	13.15	5.31	1.68	3	14.58	2.48	1.43
	3	10	12.46	4.39	1.39	10	13.66	4.10	1.30	10	12.31	4.66	1.47	3	12.81	0.74	0.43
	4	10	9.50	4.39	1.39	10	13.22	6.12	1.93	10	13.46	4.76	1.51	3	12.06	2.22	1.28
	5	10	20.51	13.62	4.31	10	19.14	7.72	2.44	10	22.10	11.21	3.55	3	20.58	1.48	0.85
600-Minute	1	10	24.41	12.82	4.05	10	17.70	7.13	2.25	10	34.11	14.44	4.57	3	25.41	8.25	4.76
	2	10	11.88	3.20	1.01	10	15.67	4.57	1.45	10	17.67	9.29	2.94	3	15.08	2.94	1.70
	3	10	18.30	4.81	1.52	10	14.15	2.78	0.88	10	14.49	4.89	1.55	3	15.64	2.31	1.33
	4	10	17.25	5.25	1.66	10	19.44	7.31	2.31	10	11.69	4.39	1.39	3	16.12	3.99	2.31
	5	10	28.16	9.14	2.89	10	33.05	9.44	2.99	10	22.04	9.40	2.97	3	27.75	5.52	3.18

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	29.67	12.96	4.10	10	25.40	12.60	3.98	10	17.98	9.15	2.89	3	24.35	5.91	3.41
	2	10	25.78	12.19	3.85	10	18.66	3.54	1.12	10	25.16	16.70	5.28	3	23.20	3.94	2.28
	3	10	14.52	7.03	2.22	10	16.84	6.38	2.02	10	15.18	5.97	1.89	3	15.51	1.20	0.69
	4	10	9.99	3.53	1.12	10	15.84	7.58	2.40	10	11.05	4.93	1.56	3	12.29	3.12	1.80
	5	10	20.04	10.09	3.19	10	23.25	6.80	2.15	10	28.94	15.57	4.92	3	24.08	4.51	2.60
600-Minute	1	10	27.02	11.00	3.48	10	18.41	4.12	1.30	10	27.96	9.07	2.87	3	24.46	5.26	3.04
	2	10	16.12	7.60	2.40	10	15.27	6.96	2.20	10	15.76	7.40	2.34	3	15.71	0.43	0.25
	3	10	17.81	5.42	1.71	10	17.15	5.23	1.65	10	13.56	4.87	1.54	3	16.17	2.29	1.32
	4	10	15.60	4.98	1.58	10	12.37	3.24	1.02	10	14.21	6.68	2.11	3	14.06	1.62	0.94
	5	10	23.46	14.13	4.47	10	36.81	8.43	2.67	10	28.51	12.21	3.86	3	29.59	6.74	3.89

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	19.60	6.22	1.97	10	24.74	7.23	2.29	10	30.36	10.12	3.20	3	24.90	5.38	3.11
	2	10	16.68	5.60	1.77	10	12.86	3.31	1.05	10	16.78	5.31	1.68	3	15.44	2.24	1.29
	3	10	19.31	6.87	2.17	10	18.13	3.96	1.25	10	14.61	4.79	1.51	3	17.35	2.44	1.41
	4	10	14.20	3.89	1.23	10	15.17	5.74	1.82	10	11.40	3.13	0.99	3	13.59	1.96	1.13
	5	10	30.21	7.61	2.41	10	29.10	6.06	1.91	10	28.19	8.67	2.74	3	29.17	1.01	0.58
600-Minute	1	10	31.23	10.51	3.32	10	19.42	6.14	1.94	10	24.63	10.31	3.26	3	25.09	5.92	3.42
	2	10	15.71	4.76	1.50	10	17.90	5.30	1.68	10	20.36	7.54	2.38	3	17.99	2.33	1.34
	3	10	18.14	5.16	1.63	10	18.63	3.60	1.14	10	17.58	6.20	1.96	3	18.12	0.53	0.30
	4	10	11.32	4.71	1.49	10	18.14	6.43	2.03	10	12.61	4.35	1.38	3	14.02	3.63	2.09
	5	10	23.61	8.22	2.60	10	25.91	3.29	1.04	10	24.82	10.17	3.22	3	24.78	1.15	0.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	35.28	12.19	3.86	10	30.39	12.75	4.03	10	42.39	16.46	5.20	3	36.02	6.04	3.48
	2	10	19.38	6.50	2.06	10	17.71	7.62	2.41	10	15.01	5.33	1.69	3	17.37	2.21	1.27
	3	10	14.84	6.38	2.02	10	14.72	5.63	1.78	10	13.62	5.15	1.63	3	14.39	0.67	0.39
	4	10	10.39	4.18	1.32	10	11.21	3.86	1.22	10	10.79	5.43	1.72	3	10.80	0.41	0.24
	5	10	20.11	7.50	2.37	10	25.98	9.33	2.95	10	20.70	6.11	1.93	3	22.27	3.23	1.87
600-Minute	1	10	32.62	11.96	3.78	10	23.74	11.06	3.50	10	34.53	9.02	2.85	3	30.30	5.76	3.33
	2	10	15.30	4.64	1.47	10	16.70	5.79	1.83	10	20.25	10.75	3.40	3	17.42	2.55	1.47
	3	10	15.83	3.98	1.26	10	17.39	3.37	1.07	10	13.39	4.78	1.51	3	15.54	2.02	1.16
	4	10	10.85	3.36	1.06	10	13.54	4.14	1.31	10	13.28	7.32	2.31	3	12.55	1.48	0.86
	5	10	25.41	9.15	2.89	10	28.63	9.01	2.85	10	18.54	7.52	2.38	3	24.19	5.15	2.98

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	1.80	0.34	0.11	10	1.67	0.30	0.10	10	1.82	0.35	0.11	3	1.76	0.08	0.05
	2	10	5.72	0.29	0.09	10	5.61	0.25	0.08	10	5.45	0.21	0.07	3	5.59	0.13	0.08
	3	10	10.14	0.28	0.09	10	10.26	0.28	0.09	10	10.26	0.51	0.16	3	10.22	0.07	0.04
	4	10	15.11	0.31	0.10	10	15.31	0.35	0.11	10	15.58	0.28	0.09	3	15.34	0.24	0.14
	5	10	21.22	0.45	0.14	10	21.05	0.45	0.14	10	21.03	0.95	0.30	3	21.10	0.10	0.06
	9	10	8.78	2.76	0.87	10	8.89	1.74	0.55	10	9.45	2.89	0.91	3	9.04	0.36	0.21
600-Minute	1	10	2.02	0.25	0.08	10	2.06	0.33	0.11	10	1.87	0.26	0.08	3	1.98	0.10	0.06
	2	10	5.59	0.30	0.09	10	5.64	0.32	0.10	10	5.65	0.28	0.09	3	5.63	0.03	0.02
	3	10	10.30	0.42	0.13	10	10.21	0.37	0.12	10	10.39	0.45	0.14	3	10.30	0.09	0.05
	4	10	15.37	0.63	0.20	10	15.50	0.27	0.09	10	15.24	0.39	0.12	3	15.37	0.13	0.07
	5	10	21.09	0.56	0.18	10	21.08	0.42	0.13	10	21.37	0.47	0.15	3	21.18	0.16	0.09
	9	10	11.65	2.19	0.69	10	12.69	1.70	0.54	10	9.59	2.30	0.73	3	11.31	1.58	0.91

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.07	0.33	0.10	10	2.07	0.28	0.09	10	2.13	0.41	0.13	3	2.09	0.04	0.02
	2	10	5.69	0.35	0.11	10	5.74	0.27	0.09	10	5.67	0.21	0.07	3	5.70	0.04	0.02
	3	10	10.02	0.29	0.09	10	10.03	0.42	0.13	10	9.85	0.46	0.15	3	9.96	0.10	0.06
	4	10	15.36	0.38	0.12	10	15.36	0.50	0.16	10	15.29	0.41	0.13	3	15.34	0.04	0.02
	5	10	21.15	0.37	0.12	10	21.04	0.54	0.17	10	21.43	0.46	0.15	3	21.21	0.20	0.12
	9	10	9.28	2.17	0.69	10	10.63	1.75	0.55	10	11.23	3.26	1.03	3	10.38	1.00	0.58
600-Minute	1	10	1.97	0.24	0.08	10	2.18	0.26	0.08	10	2.09	0.27	0.09	3	2.08	0.11	0.06
	2	10	5.65	0.34	0.11	10	5.58	0.28	0.09	10	5.68	0.32	0.10	3	5.64	0.05	0.03
	3	10	9.93	0.40	0.13	10	10.09	0.54	0.17	10	10.14	0.39	0.12	3	10.05	0.11	0.06
	4	10	15.41	0.49	0.15	10	15.47	0.30	0.10	10	15.25	0.31	0.10	3	15.38	0.12	0.07
	5	10	21.44	0.57	0.18	10	21.38	0.56	0.18	10	21.21	0.41	0.13	3	21.34	0.12	0.07
	9	10	10.64	2.62	0.83	10	12.77	1.22	0.39	10	11.02	1.95	0.62	3	11.47	1.14	0.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.14	0.34	0.11	10	1.97	0.30	0.10	10	1.84	0.43	0.14	3	1.98	0.15	0.09
	2	10	5.69	0.36	0.11	10	5.54	0.28	0.09	10	5.56	0.26	0.08	3	5.60	0.08	0.05
	3	10	10.17	0.47	0.15	10	10.21	0.44	0.14	10	10.09	0.46	0.14	3	10.15	0.06	0.03
	4	10	15.50	0.33	0.10	10	15.38	0.28	0.09	10	15.45	0.45	0.14	3	15.45	0.06	0.04
	5	10	21.13	0.64	0.20	10	21.34	0.58	0.18	10	21.29	0.41	0.13	3	21.25	0.11	0.06
	9	10	11.92	1.01	0.32	10	11.58	1.13	0.36	10	10.73	1.92	0.61	3	11.41	0.61	0.35
600-Minute	1	10	2.03	0.27	0.09	10	2.01	0.23	0.07	10	2.09	0.27	0.09	3	2.04	0.04	0.02
	2	10	5.64	0.34	0.11	10	5.76	0.39	0.12	10	5.80	0.42	0.13	3	5.73	0.09	0.05
	3	10	10.18	0.42	0.13	10	10.13	0.26	0.08	10	9.93	0.58	0.18	3	10.08	0.14	0.08
	4	10	15.16	0.41	0.13	10	15.37	0.58	0.18	10	15.25	0.32	0.10	3	15.26	0.10	0.06
	5	10	21.17	0.46	0.15	10	21.13	0.42	0.13	10	21.13	0.55	0.17	3	21.14	0.02	0.01
	9	10	10.05	1.84	0.58	10	11.56	0.75	0.24	10	10.59	1.91	0.60	3	10.73	0.76	0.44

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	1.99	0.27	0.09	10	1.79	0.17	0.05	10	1.71	0.38	0.12	3	1.83	0.14	0.08
	2	10	5.52	0.38	0.12	10	5.52	0.26	0.08	10	5.59	0.33	0.10	3	5.55	0.04	0.02
	3	10	9.85	0.27	0.09	10	9.94	0.48	0.15	10	10.06	0.29	0.09	3	9.95	0.10	0.06
	4	10	15.23	0.34	0.11	10	15.50	0.31	0.10	10	15.19	0.31	0.10	3	15.31	0.17	0.10
	5	10	21.35	0.49	0.15	10	21.44	0.29	0.09	10	21.55	0.45	0.14	3	21.45	0.10	0.06
	9	10	9.09	2.06	0.65	10	10.31	2.19	0.69	10	9.03	2.00	0.63	3	9.48	0.72	0.42
600-Minute	1	10	1.94	0.14	0.04	10	2.02	0.21	0.07	10	1.89	0.32	0.10	3	1.95	0.06	0.04
	2	10	5.58	0.37	0.12	10	5.61	0.50	0.16	10	5.62	0.30	0.10	3	5.60	0.02	0.01
	3	10	10.08	0.21	0.07	10	10.19	0.49	0.16	10	9.71	0.48	0.15	3	9.99	0.25	0.14
	4	10	15.36	0.51	0.16	10	15.51	0.25	0.08	10	15.35	0.41	0.13	3	15.40	0.09	0.05
	5	10	21.03	0.64	0.20	10	21.46	0.39	0.12	10	21.15	0.42	0.13	3	21.21	0.22	0.13
	9	10	10.10	2.01	0.63	10	11.42	1.79	0.57	10	9.01	1.51	0.48	3	10.18	1.21	0.70

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	9	2.39	0.78	0.26	5	2.70	0.84	0.37	7	2.71	1.04	0.39	3	2.60	0.18	0.11
	2	10	6.55	0.83	0.26	9	6.11	0.93	0.31	9	5.56	0.68	0.23	3	6.07	0.50	0.29
	3	10	11.05	1.01	0.32	10	10.60	1.20	0.38	9	10.50	1.50	0.50	3	10.72	0.29	0.17
	4	9	14.78	1.30	0.43	10	15.90	1.10	0.35	9	15.28	1.46	0.49	3	15.32	0.56	0.32
	5	10	21.75	1.70	0.54	10	20.60	1.65	0.52	10	21.60	2.54	0.80	3	21.32	0.63	0.36
	9	10	8.10	9.46	2.99	10	9.85	6.94	2.19	10	12.40	8.52	2.69	3	10.12	2.16	1.25
600-Minute	1	7	2.57	0.79	0.30	8	2.44	0.82	0.29	7	2.29	0.70	0.26	3	2.43	0.14	0.08
	2	10	5.85	1.00	0.32	10	6.00	1.08	0.34	10	5.95	0.98	0.31	3	5.93	0.08	0.04
	3	10	10.40	1.43	0.45	10	10.65	0.88	0.28	10	10.85	1.43	0.45	3	10.63	0.23	0.13
	4	10	15.50	1.05	0.33	10	16.60	0.84	0.27	10	15.50	1.03	0.32	3	15.87	0.64	0.37
	5	10	21.40	1.65	0.52	10	21.40	1.85	0.59	10	21.60	1.65	0.52	3	21.47	0.12	0.07
	9	10	11.95	7.64	2.41	10	17.70	5.29	1.67	10	9.25	8.61	2.72	3	12.97	4.32	2.49

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	8	2.31	0.75	0.27	9	2.39	0.70	0.23	8	2.31	0.88	0.31	3	2.34	0.04	0.03
	2	10	6.10	0.77	0.24	10	5.85	0.47	0.15	10	5.60	0.39	0.12	3	5.85	0.25	0.14
	3	10	10.55	1.57	0.50	10	10.50	0.91	0.29	10	10.75	1.27	0.40	3	10.60	0.13	0.08
	4	9	16.39	0.93	0.31	10	15.90	1.17	0.37	9	15.61	0.96	0.32	3	15.97	0.39	0.23
	5	10	21.80	1.65	0.52	10	21.50	1.89	0.60	10	21.35	1.68	0.53	3	21.55	0.23	0.13
	9	10	7.30	7.38	2.33	10	8.60	7.81	2.47	10	13.80	9.02	2.85	3	9.90	3.44	1.99
600-Minute	1	8	2.75	0.80	0.28	8	2.56	0.68	0.24	9	2.33	0.61	0.20	3	2.55	0.21	0.12
	2	8	5.87	0.83	0.30	8	5.75	0.46	0.16	9	6.72	0.83	0.28	3	6.12	0.53	0.31
	3	10	10.30	1.32	0.42	10	10.25	1.53	0.48	10	10.30	1.30	0.41	3	10.28	0.03	0.02
	4	10	16.00	1.22	0.39	9	15.67	1.22	0.41	10	15.50	0.91	0.29	3	15.72	0.25	0.15
	5	10	22.20	1.93	0.61	10	22.15	1.83	0.58	10	20.85	1.11	0.35	3	21.73	0.77	0.44
	9	10	7.60	7.07	2.23	10	13.55	9.90	3.13	10	9.10	8.09	2.56	3	10.08	3.09	1.79

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	7	2.50	0.87	0.33	7	2.57	0.61	0.23	8	2.50	0.89	0.31	3	2.52	0.04	0.02
	2	9	5.94	0.77	0.26	10	5.50	0.91	0.29	9	5.50	0.87	0.29	3	5.65	0.26	0.15
	3	10	10.20	1.48	0.47	10	10.25	1.23	0.39	10	9.85	1.38	0.43	3	10.10	0.22	0.13
	4	10	15.70	1.18	0.37	10	15.40	0.94	0.30	10	15.70	1.18	0.37	3	15.60	0.17	0.10
	5	10	21.10	1.79	0.57	10	21.60	1.82	0.58	10	21.50	1.96	0.62	3	21.40	0.26	0.15
	9	10	11.90	8.10	2.56	10	13.80	9.17	2.90	10	10.25	10.22	3.23	3	11.98	1.78	1.03
600-Minute	1	9	2.61	0.70	0.23	7	2.43	0.79	0.30	9	2.44	0.46	0.15	3	2.49	0.10	0.06
	2	10	6.05	0.83	0.26	9	6.22	0.79	0.26	10	6.00	0.75	0.24	3	6.09	0.12	0.07
	3	10	10.00	1.11	0.35	10	10.25	0.92	0.29	10	10.20	1.60	0.51	3	10.15	0.13	0.08
	4	10	15.15	1.36	0.43	10	15.65	1.31	0.42	10	15.65	1.16	0.37	3	15.48	0.29	0.17
	5	10	21.00	1.63	0.52	10	21.15	1.42	0.45	10	20.88	1.97	0.62	3	21.01	0.14	0.08
	9	10	6.45	5.94	1.88	10	8.95	6.73	2.13	10	8.60	7.48	2.37	3	8.00	1.35	0.78

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.65	0.85	0.27	6	2.58	0.86	0.35	5	3.20	0.45	0.20	3	2.81	0.34	0.20
	2	10	5.90	0.81	0.26	9	6.17	0.75	0.25	10	5.95	0.96	0.30	3	6.01	0.14	0.08
	3	10	9.75	1.14	0.36	10	10.50	1.37	0.43	10	10.20	1.16	0.37	3	10.15	0.38	0.22
	4	9	15.11	1.08	0.36	9	15.61	1.24	0.41	10	15.40	1.56	0.49	3	15.37	0.25	0.14
	5	10	22.05	1.66	0.52	10	22.75	0.92	0.29	10	22.00	1.91	0.61	3	22.27	0.42	0.24
	9	10	4.20	2.41	0.76	10	16.70	9.86	3.12	10	12.80	8.10	2.56	3	11.23	6.40	3.69
600-Minute	1	9	2.44	0.68	0.23	9	2.39	0.78	0.26	7	2.43	0.35	0.13	3	2.42	0.03	0.02
	2	9	5.92	0.87	0.29	8	5.31	0.80	0.28	10	5.45	0.90	0.28	3	5.56	0.32	0.18
	3	10	10.00	1.20	0.38	10	10.35	0.97	0.31	10	9.80	1.18	0.37	3	10.05	0.28	0.16
	4	10	15.75	1.27	0.40	10	15.95	1.23	0.39	10	15.85	1.27	0.40	3	15.85	0.10	0.06
	5	10	20.80	2.11	0.67	10	22.55	2.01	0.63	10	21.55	2.06	0.65	3	21.63	0.88	0.51
	9	10	6.90	8.10	2.56	10	11.25	8.58	2.71	10	7.30	6.89	2.18	3	8.48	2.40	1.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	67.16	26.00	8.22	10	74.39	28.76	9.10	10	73.12	41.12	13.00	3	71.55	3.86	2.23
	2	10	27.28	9.73	3.08	10	21.25	9.30	2.94	10	23.16	7.54	2.38	3	23.90	3.08	1.78
	3	10	20.36	7.79	2.46	10	24.41	10.08	3.19	10	22.12	8.38	2.65	3	22.30	2.03	1.17
	4	10	15.14	6.23	1.97	10	23.30	11.86	3.75	10	25.20	12.06	3.81	3	21.21	5.35	3.09
	5	10	37.37	31.70	10.02	10	32.93	11.47	3.63	10	44.15	31.13	9.84	3	38.15	5.65	3.26
	6	10	17.61	12.35	3.91	10	21.99	8.78	2.78	10	33.57	26.38	8.34	3	24.39	8.25	4.76
	7	10	66.81	58.60	18.53	10	75.25	30.20	9.55	10	106.56	69.48	21.97	3	82.88	20.94	12.09
	8	10	1.34	1.81	0.57	10	0.91	0.91	0.29	10	1.34	1.52	0.48	3	1.20	0.25	0.14
	9	10	167.30	46.56	14.72	10	176.30	43.46	13.74	10	187.33	55.61	17.58	3	176.98	10.03	5.79
600-Minute	1	10	52.98	23.34	7.38	10	26.21	11.19	3.54	10	69.57	35.16	11.12	3	49.59	21.88	12.63
	2	10	28.02	16.55	5.23	10	22.94	6.31	2.00	10	33.89	17.18	5.43	3	28.29	5.48	3.16
	3	10	42.94	18.04	5.70	10	21.34	6.40	2.03	10	28.79	13.12	4.15	3	31.02	10.97	6.34
	4	10	40.71	17.02	5.38	10	28.39	9.96	3.15	10	25.19	14.55	4.60	3	31.43	8.19	4.73
	5	10	67.13	31.52	9.97	10	51.15	24.31	7.69	10	50.41	38.46	12.16	3	56.23	9.44	5.45
	6	10	46.17	30.02	9.49	10	32.61	12.80	4.05	10	31.61	20.05	6.34	3	36.80	8.13	4.70
	7	10	237.49	143.04	45.23	10	110.19	32.57	10.30	10	139.28	130.41	41.24	3	162.32	66.70	38.51
	8	10	5.07	4.56	1.44	10	2.59	1.36	0.43	10	2.81	3.04	0.96	3	3.49	1.37	0.79
	9	10	231.79	84.17	26.62	10	150.03	31.44	9.94	10	207.85	81.65	25.82	3	196.56	42.03	24.27

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	59.58	31.22	9.87	10	39.57	23.89	7.56	10	38.40	26.76	8.46	3	45.85	11.90	6.87
	2	10	55.83	44.94	14.21	10	28.50	6.47	2.05	10	50.13	32.19	10.18	3	44.82	14.42	8.32
	3	10	26.38	10.37	3.28	10	25.48	9.59	3.03	10	30.84	15.18	4.80	3	27.57	2.87	1.66
	4	10	18.03	5.01	1.58	10	23.83	11.52	3.64	10	22.05	10.82	3.42	3	21.30	2.97	1.72
	5	10	36.31	13.69	4.33	10	35.33	10.67	3.37	10	57.56	30.40	9.61	3	43.07	12.56	7.25
	6	10	17.50	5.37	1.70	10	19.86	8.83	2.79	10	57.98	51.09	16.16	3	31.78	22.72	13.12
	7	10	56.11	15.31	4.84	10	50.70	15.92	5.03	10	120.01	115.60	36.56	3	75.61	38.55	22.26
	8	10	0.45	0.33	0.11	10	0.33	0.29	0.09	10	1.55	2.08	0.66	3	0.78	0.67	0.39
	9	10	196.12	66.42	21.00	10	152.71	20.99	6.64	10	203.42	49.78	15.74	3	184.08	27.41	15.83
600-Minute	1	10	50.77	23.32	7.37	10	22.10	5.58	1.77	10	54.40	25.63	8.10	3	42.43	17.69	10.22
	2	10	30.94	16.28	5.15	10	19.34	12.11	3.83	10	28.98	13.32	4.21	3	26.42	6.21	3.58
	3	10	34.49	12.84	4.06	10	21.61	10.49	3.32	10	25.14	9.42	2.98	3	27.08	6.66	3.84
	4	10	33.40	22.83	7.22	10	15.34	6.34	2.00	10	26.03	10.46	3.31	3	24.92	9.08	5.24
	5	10	58.09	60.28	19.06	10	44.60	11.67	3.69	10	54.75	27.66	8.75	3	52.48	7.02	4.06
	6	10	54.62	68.95	21.80	10	29.52	16.13	5.10	10	22.18	12.99	4.11	3	35.44	17.01	9.82
	7	10	142.35	152.37	48.18	10	80.71	19.62	6.20	10	87.69	33.47	10.58	3	103.58	33.75	19.49
	8	10	1.80	2.43	0.77	10	1.36	0.52	0.16	10	1.28	0.60	0.19	3	1.48	0.28	0.16
	9	10	207.69	110.72	35.01	10	122.99	28.44	8.99	10	189.30	52.72	16.67	3	173.33	44.55	25.72

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
300-Minute	1	10	80.64	31.36	9.92	10	95.69	42.30	13.38	10	136.85	74.10	23.43	3	104.39	29.10	16.80
	2	10	70.30	35.14	11.11	10	49.58	20.03	6.33	10	71.75	25.87	8.18	3	63.88	12.40	7.16
	3	10	78.44	30.62	9.68	10	69.28	25.79	8.15	10	66.60	33.91	10.72	3	71.44	6.21	3.58
	4	10	58.80	23.98	7.58	10	59.03	30.66	9.70	10	53.16	26.79	8.47	3	57.00	3.32	1.92
	5	10	122.92	40.57	12.83	10	108.52	26.84	8.49	10	133.61	65.75	20.79	3	121.69	12.59	7.27
	6	10	73.82	28.74	9.09	10	86.90	32.80	10.37	10	108.91	82.44	26.07	3	89.87	17.73	10.24
	7	10	460.93	128.24	40.55	10	448.65	154.88	48.98	10	474.05	275.07	86.99	3	461.21	12.70	7.33
	8	10	9.20	3.77	1.19	10	10.70	4.31	1.36	10	8.78	6.36	2.01	3	9.56	1.01	0.58
	9	10	411.11	113.59	35.92	10	382.09	109.39	34.59	10	451.74	168.52	53.29	3	414.98	34.98	20.20
600-Minute	1	10	149.17	62.15	19.65	10	95.07	34.49	10.91	10	131.45	51.50	16.29	3	125.23	27.58	15.92
	2	10	74.55	34.74	10.99	10	88.15	28.78	9.10	10	109.30	33.78	10.68	3	90.67	17.51	10.11
	3	10	92.23	53.93	17.05	10	92.03	25.65	8.11	10	96.59	40.92	12.94	3	93.62	2.57	1.49
	4	10	57.89	34.73	10.98	10	86.30	25.78	8.15	10	70.97	30.45	9.63	3	71.72	14.22	8.21
	5	10	125.43	84.59	26.75	10	128.59	35.22	11.14	10	138.86	65.56	20.73	3	130.96	7.02	4.05
	6	10	102.97	70.76	22.38	10	132.09	42.94	13.58	10	78.64	39.01	12.33	3	104.57	26.76	15.45
	7	10	556.73	459.53	145.32	10	634.17	154.94	49.00	10	556.02	193.70	61.25	3	582.31	44.92	25.93
	8	10	10.00	10.90	3.45	10	13.78	8.05	2.54	10	11.45	4.91	1.55	3	11.74	1.91	1.10
	9	10	499.28	221.62	70.08	10	490.15	84.39	26.68	10	547.16	79.82	25.24	3	512.20	30.62	17.68

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	107.35	49.72	15.72	10	87.18	48.63	15.38	10	164.41	87.52	27.68	3	119.65	40.05	23.12
	2	10	56.41	22.90	7.24	10	46.54	16.90	5.34	10	54.17	19.15	6.06	3	52.37	5.17	2.99
	3	10	41.47	14.35	4.54	10	39.14	11.93	3.77	10	49.63	20.13	6.37	3	43.41	5.51	3.18
	4	10	30.17	13.14	4.15	10	30.72	13.19	4.17	10	39.28	20.91	6.61	3	33.39	5.11	2.95
	5	10	58.03	23.62	7.47	10	70.05	23.51	7.43	10	74.79	19.94	6.31	3	67.62	8.64	4.99
	6	10	29.47	16.31	5.16	10	35.96	18.45	5.83	10	48.61	39.15	12.38	3	38.01	9.73	5.62
	7	10	84.21	40.47	12.80	10	98.48	32.97	10.43	10	154.32	108.08	34.18	3	112.34	37.05	21.39
	8	10	0.86	0.66	0.21	10	1.07	0.68	0.22	10	1.77	2.72	0.86	3	1.24	0.48	0.28
	9	10	293.42	63.04	19.93	10	273.63	54.48	17.23	10	370.94	67.71	21.41	3	312.66	51.43	29.69
600-Minute	1	10	139.92	78.42	24.80	10	68.45	63.72	20.15	10	118.64	53.54	16.93	3	109.00	36.70	21.19
	2	10	63.00	21.67	6.85	10	40.48	14.82	4.69	10	71.79	52.26	16.53	3	58.42	16.15	9.32
	3	10	66.13	23.98	7.58	10	43.08	14.39	4.55	10	46.29	23.54	7.45	3	51.84	12.49	7.21
	4	10	47.08	24.05	7.61	10	34.66	16.75	5.30	10	42.39	27.45	8.68	3	41.37	6.27	3.62
	5	10	109.94	59.22	18.73	10	68.62	20.74	6.56	10	61.06	28.78	9.10	3	79.87	26.31	15.19
	6	10	69.71	63.43	20.06	10	40.71	24.68	7.80	10	37.93	19.17	6.06	3	49.45	17.60	10.16
	7	10	267.19	138.80	43.89	10	132.77	24.09	7.62	10	163.35	127.26	40.24	3	187.77	70.46	40.68
	8	10	6.36	5.02	1.59	10	2.16	1.01	0.32	10	3.05	2.91	0.92	3	3.86	2.21	1.28
	9	10	426.07	169.53	53.61	10	255.29	94.00	29.72	10	340.17	121.66	38.47	3	340.51	85.39	49.30

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	31.53	10.30	3.26	10	42.94	8.40	2.65	10	37.09	11.98	3.79	3	37.19	5.71	3.30
	2	10	24.38	8.28	2.62	10	22.05	5.62	1.78	10	21.49	8.88	2.81	3	22.64	1.53	0.88
	3	10	11.59	4.96	1.57	10	11.04	2.86	0.90	10	11.80	4.01	1.27	3	11.48	0.39	0.23
	4	10	13.25	5.59	1.77	10	8.82	3.48	1.10	10	11.52	4.69	1.48	3	11.19	2.23	1.29
	5	10	19.25	5.93	1.88	10	15.15	3.95	1.25	10	18.10	8.58	2.71	3	17.50	2.12	1.22
600-Minute	1	10	33.54	12.65	4.00	10	35.45	9.99	3.16	10	45.10	6.89	2.18	3	38.03	6.20	3.58
	2	10	19.52	7.11	2.25	10	21.36	7.86	2.49	10	18.17	6.55	2.07	3	19.68	1.60	0.92
	3	10	12.01	3.80	1.20	10	13.29	4.29	1.36	10	12.87	3.34	1.06	3	12.72	0.65	0.38
	4	10	13.49	5.22	1.65	10	13.49	3.58	1.13	10	9.53	3.62	1.15	3	12.17	2.28	1.32
	5	10	21.45	6.13	1.94	10	16.42	8.01	2.53	10	14.33	8.15	2.58	3	17.40	3.66	2.11

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	15.81	7.03	2.22	10	22.11	10.84	3.43	10	17.44	7.22	2.28	3	18.45	3.27	1.89
	2	10	13.17	4.34	1.37	10	16.52	5.65	1.79	10	10.82	5.11	1.62	3	13.51	2.87	1.65
	3	10	15.51	6.23	1.97	10	16.39	6.12	1.94	10	14.53	7.92	2.50	3	15.48	0.93	0.54
	4	10	20.44	6.01	1.90	10	17.17	5.97	1.89	10	20.96	7.96	2.52	3	19.52	2.05	1.18
	5	10	35.07	11.16	3.53	10	27.80	13.58	4.29	10	36.25	14.19	4.49	3	33.04	4.57	2.64
600-Minute	1	10	15.14	5.29	1.67	10	17.00	6.91	2.18	10	17.02	9.34	2.95	3	16.39	1.08	0.62
	2	10	9.68	5.10	1.61	10	10.32	2.38	0.75	10	12.03	6.45	2.04	3	10.68	1.21	0.70
	3	10	13.14	5.30	1.67	10	17.84	8.91	2.82	10	16.94	7.53	2.38	3	15.98	2.49	1.44
	4	10	27.51	7.23	2.29	10	28.59	8.45	2.67	10	28.15	7.01	2.22	3	28.08	0.54	0.31
	5	10	34.51	11.74	3.71	10	26.24	6.31	2.00	10	25.86	10.40	3.29	3	28.87	4.89	2.82

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	37.22	13.69	4.33	10	45.55	14.93	4.72	10	34.33	13.56	4.29	3	39.03	5.83	3.36
	2	10	20.15	7.79	2.46	10	20.93	7.64	2.42	10	21.45	8.27	2.62	3	20.84	0.66	0.38
	3	10	12.97	4.17	1.32	10	11.91	3.12	0.99	10	12.29	3.89	1.23	3	12.39	0.54	0.31
	4	10	9.50	3.98	1.26	10	7.71	3.68	1.16	10	11.47	2.48	0.78	3	9.56	1.88	1.09
	5	10	20.17	10.88	3.44	10	13.90	8.28	2.62	10	20.45	6.00	1.90	3	18.17	3.70	2.14
600-Minute	1	10	35.70	12.17	3.85	10	37.98	8.44	2.67	10	39.39	9.79	3.10	3	37.69	1.86	1.08
	2	10	20.10	5.47	1.73	10	16.08	4.66	1.47	10	19.42	7.52	2.38	3	18.53	2.15	1.24
	3	10	13.42	3.15	1.00	10	13.18	5.87	1.86	10	13.14	6.33	2.00	3	13.25	0.15	0.09
	4	10	10.59	4.78	1.51	10	13.66	4.09	1.29	10	9.83	4.25	1.34	3	11.36	2.03	1.17
	5	10	20.20	9.36	2.96	10	19.09	4.47	1.41	10	18.22	6.69	2.12	3	19.17	0.99	0.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	37.17	12.99	4.11	10	44.59	9.04	2.86	10	41.39	11.75	3.72	3	41.05	3.72	2.15
	2	10	22.20	7.32	2.32	10	24.78	8.80	2.78	10	19.05	6.91	2.18	3	22.01	2.87	1.66
	3	10	12.54	2.92	0.92	10	10.93	3.62	1.15	10	10.85	3.31	1.05	3	11.44	0.95	0.55
	4	10	8.87	4.31	1.36	10	7.22	2.23	0.70	10	9.93	4.44	1.40	3	8.67	1.36	0.79
	5	10	19.21	7.86	2.48	10	12.48	5.17	1.63	10	18.78	5.40	1.71	3	16.83	3.77	2.18
600-Minute	1	10	33.19	15.76	4.98	10	39.66	8.90	2.81	10	40.95	6.61	2.09	3	37.93	4.16	2.40
	2	10	17.85	3.30	1.04	10	15.96	6.95	2.20	10	18.98	9.26	2.93	3	17.60	1.52	0.88
	3	10	12.63	5.07	1.60	10	11.48	4.03	1.27	10	11.99	4.00	1.27	3	12.03	0.58	0.33
	4	10	13.04	5.72	1.81	10	15.00	3.80	1.20	10	11.15	3.24	1.02	3	13.06	1.92	1.11
	5	10	23.29	9.65	3.05	10	17.91	6.55	2.07	10	16.94	6.03	1.91	3	19.38	3.43	1.98

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	1.85	0.19	0.06	10	2.04	0.26	0.08	10	1.94	0.37	0.12	3	1.95	0.09	0.05
	2	10	5.61	0.32	0.10	10	5.48	0.24	0.08	10	5.34	0.35	0.11	3	5.48	0.14	0.08
	3	10	9.93	0.29	0.09	10	10.21	0.52	0.16	10	10.06	0.43	0.14	3	10.07	0.14	0.08
	4	10	15.12	0.28	0.09	10	15.20	0.44	0.14	10	15.54	0.28	0.09	3	15.29	0.23	0.13
	5	10	21.15	0.49	0.15	10	21.58	0.40	0.13	10	21.53	0.27	0.08	3	21.42	0.23	0.13
	9	10	9.17	1.30	0.41	10	7.83	1.24	0.39	10	8.72	1.89	0.60	3	8.57	0.68	0.40
600-Minute	1	10	1.98	0.40	0.13	10	1.97	0.32	0.10	10	1.84	0.28	0.09	3	1.93	0.08	0.05
	2	10	5.50	0.37	0.12	10	5.69	0.26	0.08	10	5.65	0.27	0.09	3	5.61	0.10	0.06
	3	10	10.06	0.49	0.15	10	10.06	0.50	0.16	10	10.05	0.33	0.10	3	10.06	0.01	0.00
	4	10	15.52	0.41	0.13	10	15.10	0.46	0.15	10	15.05	0.39	0.12	3	15.22	0.26	0.15
	5	10	21.29	0.44	0.14	10	21.35	0.49	0.15	10	21.08	0.42	0.13	3	21.24	0.14	0.08
	9	10	9.58	1.77	0.56	10	8.81	1.84	0.58	10	7.60	1.73	0.55	3	8.66	1.00	0.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.09	0.32	0.10	10	2.24	0.28	0.09	10	2.13	0.31	0.10	3	2.15	0.08	0.04
	2	10	5.52	0.25	0.08	10	5.41	0.34	0.11	10	5.65	0.43	0.14	3	5.53	0.12	0.07
	3	10	10.66	0.36	0.11	10	10.21	0.50	0.16	10	10.26	0.46	0.15	3	10.38	0.24	0.14
	4	10	15.29	0.54	0.17	10	15.48	0.36	0.11	10	15.44	0.38	0.12	3	15.40	0.10	0.06
	5	10	21.19	0.84	0.26	10	21.24	0.34	0.11	10	21.41	0.43	0.14	3	21.28	0.11	0.07
	9	10	13.24	1.46	0.46	10	11.63	2.65	0.84	10	13.51	1.90	0.60	3	12.79	1.01	0.58
600-Minute	1	10	2.15	0.50	0.16	10	2.20	0.30	0.09	10	2.05	0.35	0.11	3	2.13	0.08	0.04
	2	10	5.67	0.31	0.10	10	5.48	0.31	0.10	10	5.73	0.30	0.09	3	5.63	0.13	0.08
	3	10	10.46	0.33	0.10	10	10.40	0.61	0.19	10	10.46	0.56	0.18	3	10.44	0.03	0.02
	4	10	15.76	0.45	0.14	10	15.15	0.40	0.13	10	15.30	0.44	0.14	3	15.40	0.32	0.18
	5	10	20.89	0.61	0.19	10	21.03	0.22	0.07	10	21.60	0.72	0.23	3	21.18	0.38	0.22
	9	10	13.80	1.81	0.57	10	12.63	0.80	0.25	10	12.65	1.94	0.61	3	13.02	0.67	0.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.13	0.25	0.08	10	2.08	0.30	0.10	10	2.28	0.24	0.07	3	2.16	0.10	0.06
	2	10	5.40	0.27	0.09	10	5.43	0.26	0.08	10	5.36	0.40	0.13	3	5.40	0.03	0.02
	3	10	10.22	0.44	0.14	10	9.96	0.38	0.12	10	10.37	0.49	0.16	3	10.18	0.20	0.12
	4	10	15.17	0.32	0.10	10	15.21	0.35	0.11	10	15.25	0.49	0.15	3	15.21	0.04	0.02
	5	10	21.43	0.65	0.21	10	21.44	0.51	0.16	10	21.20	0.46	0.15	3	21.36	0.14	0.08
	9	10	8.96	2.49	0.79	10	7.42	2.19	0.69	10	9.29	1.44	0.45	3	8.56	1.00	0.58
600-Minute	1	10	2.19	0.32	0.10	10	2.23	0.30	0.09	10	2.15	0.27	0.08	3	2.19	0.04	0.02
	2	10	5.32	0.31	0.10	10	5.41	0.34	0.11	10	5.47	0.42	0.13	3	5.40	0.07	0.04
	3	10	9.85	0.41	0.13	10	10.04	0.47	0.15	10	9.83	0.48	0.15	3	9.90	0.11	0.07
	4	10	15.21	0.32	0.10	10	15.38	0.36	0.11	10	15.54	0.37	0.12	3	15.38	0.16	0.09
	5	10	21.14	0.50	0.16	10	21.32	0.37	0.12	10	21.51	0.48	0.15	3	21.33	0.19	0.11
	9	10	9.05	2.16	0.68	10	9.20	1.29	0.41	10	8.65	1.75	0.55	3	8.97	0.28	0.16

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.11	0.22	0.07	10	2.17	0.27	0.09	10	2.19	0.27	0.08	3	2.16	0.04	0.03
	2	10	5.51	0.33	0.11	10	5.34	0.24	0.08	10	5.30	0.34	0.11	3	5.38	0.11	0.06
	3	10	10.14	0.61	0.19	10	9.96	0.28	0.09	10	9.88	0.26	0.08	3	9.99	0.14	0.08
	4	10	15.50	0.54	0.17	10	15.04	0.62	0.19	10	15.53	0.52	0.17	3	15.36	0.27	0.16
	5	10	21.38	0.49	0.15	10	21.13	0.60	0.19	10	21.40	0.43	0.14	3	21.30	0.15	0.09
	9	10	8.77	2.15	0.68	10	7.10	1.24	0.39	10	8.55	1.26	0.40	3	8.14	0.91	0.52
600-Minute	1	10	2.10	0.30	0.10	10	2.24	0.23	0.07	10	2.14	0.25	0.08	3	2.16	0.07	0.04
	2	10	5.42	0.31	0.10	10	5.40	0.27	0.09	10	5.55	0.26	0.08	3	5.45	0.08	0.05
	3	10	9.93	0.39	0.12	10	10.21	0.26	0.08	10	10.07	0.48	0.15	3	10.07	0.14	0.08
	4	10	15.29	0.46	0.15	10	14.97	0.45	0.14	10	15.19	0.43	0.14	3	15.15	0.17	0.10
	5	10	21.19	0.47	0.15	10	21.30	0.34	0.11	10	21.38	0.39	0.12	3	21.29	0.09	0.05
	9	10	9.86	2.39	0.76	10	8.97	1.66	0.52	10	8.48	1.23	0.39	3	9.10	0.70	0.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	6	2.50	0.63	0.26	9	2.44	0.77	0.26	6	2.42	0.58	0.24	3	2.45	0.04	0.02
	2	10	5.80	0.89	0.28	10	5.55	0.93	0.29	9	5.22	0.71	0.24	3	5.52	0.29	0.17
	3	9	10.06	1.01	0.34	9	10.83	1.50	0.50	9	10.72	1.20	0.40	3	10.54	0.42	0.24
	4	10	16.05	0.90	0.28	10	14.95	1.01	0.32	10	16.05	1.34	0.42	3	15.68	0.64	0.37
	5	10	20.85	1.58	0.50	10	22.15	1.62	0.51	10	22.60	1.15	0.36	3	21.87	0.91	0.52
	9	10	6.00	5.19	1.64	10	2.85	1.13	0.36	10	5.80	5.82	1.84	3	4.88	1.76	1.02
600-Minute	1	8	2.44	0.86	0.31	6	2.67	0.68	0.28	6	2.33	0.75	0.31	3	2.48	0.17	0.10
	2	10	5.50	0.78	0.25	10	5.90	0.84	0.27	10	6.30	0.82	0.26	3	5.90	0.40	0.23
	3	10	10.25	1.46	0.46	9	10.50	1.17	0.39	9	10.22	1.15	0.38	3	10.32	0.15	0.09
	4	10	16.10	1.33	0.42	10	15.05	1.30	0.41	10	15.20	0.92	0.29	3	15.45	0.57	0.33
	5	10	21.40	1.43	0.45	10	22.35	2.21	0.70	10	20.80	1.32	0.42	3	21.52	0.78	0.45
	9	10	9.75	9.09	2.88	10	7.00	7.55	2.39	10	3.60	1.93	0.61	3	6.78	3.08	1.78

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	8	2.50	0.89	0.31	8	2.44	0.73	0.26	10	2.15	0.63	0.20	3	2.36	0.19	0.11
	2	10	5.60	0.81	0.26	9	5.83	1.15	0.38	10	5.70	0.95	0.30	3	5.71	0.12	0.07
	3	10	11.05	1.30	0.41	10	10.52	1.38	0.44	10	10.50	1.29	0.41	3	10.69	0.31	0.18
	4	10	15.10	1.39	0.44	10	16.05	0.90	0.28	10	15.78	1.15	0.36	3	15.64	0.49	0.28
	5	10	22.20	1.95	0.62	10	21.50	1.93	0.61	10	21.60	1.35	0.43	3	21.77	0.38	0.22
	9	10	14.50	8.59	2.72	10	11.40	9.43	2.98	10	15.45	7.71	2.44	3	13.78	2.12	1.22
600-Minute	1	10	2.75	0.63	0.20	9	2.56	0.88	0.29	9	2.22	0.79	0.26	3	2.51	0.27	0.15
	2	9	5.50	0.56	0.19	10	5.55	0.76	0.24	10	6.10	1.10	0.35	3	5.72	0.33	0.19
	3	10	11.10	0.88	0.28	10	10.40	1.24	0.39	9	10.89	1.58	0.53	3	10.80	0.36	0.21
	4	10	16.40	0.94	0.30	10	15.40	1.60	0.50	10	15.25	1.30	0.41	3	15.68	0.63	0.36
	5	10	20.20	1.06	0.33	10	21.10	1.73	0.55	10	22.15	1.45	0.46	3	21.15	0.98	0.56
	9	10	13.55	7.78	2.46	10	10.75	8.13	2.57	10	13.85	6.75	2.14	3	12.72	1.71	0.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
300-Minute	1	8	2.25	0.60	0.21	9	2.28	0.75	0.25	9	2.72	0.57	0.19	3	2.42	0.26	0.15
	2	10	5.80	1.21	0.38	9	5.72	1.25	0.42	9	5.67	1.09	0.36	3	5.73	0.07	0.04
	3	10	10.52	1.48	0.47	10	10.35	1.42	0.45	10	10.83	1.17	0.37	3	10.57	0.24	0.14
	4	10	15.35	1.38	0.43	10	15.55	1.61	0.51	10	15.65	1.60	0.51	3	15.52	0.15	0.09
	5	10	21.30	1.67	0.53	10	21.55	1.72	0.54	10	21.30	1.70	0.54	3	21.38	0.14	0.08
	9	10	4.00	3.28	1.04	10	4.65	7.04	2.23	10	3.70	1.23	0.39	3	4.12	0.49	0.28
600-Minute	1	9	2.22	0.67	0.22	10	2.15	0.53	0.17	8	2.56	0.68	0.24	3	2.31	0.22	0.13
	2	7	5.43	0.84	0.32	8	5.75	0.96	0.34	9	6.00	1.20	0.40	3	5.73	0.29	0.17
	3	10	9.85	0.75	0.24	9	10.50	1.41	0.47	9	10.06	1.07	0.36	3	10.14	0.33	0.19
	4	10	15.10	1.10	0.35	10	15.95	1.36	0.43	10	15.85	0.82	0.26	3	15.63	0.46	0.27
	5	10	22.30	1.69	0.53	10	22.50	1.45	0.46	10	22.25	1.44	0.45	3	22.35	0.13	0.08
	9	10	2.95	2.39	0.75	10	2.15	0.53	0.17	10	3.70	2.50	0.79	3	2.93	0.78	0.45

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	9	2.00	0.50	0.17	9	2.28	0.75	0.25	9	2.50	0.79	0.26	3	2.26	0.25	0.14
	2	9	5.94	0.88	0.29	9	5.44	1.18	0.39	9	5.56	0.95	0.32	3	5.65	0.26	0.15
	3	10	10.80	1.25	0.40	10	10.25	1.27	0.40	10	9.90	1.15	0.36	3	10.32	0.45	0.26
	4	10	15.60	1.35	0.43	10	15.00	1.58	0.50	9	16.72	1.15	0.38	3	15.77	0.87	0.50
	5	10	22.10	1.74	0.55	10	21.20	1.62	0.51	10	22.25	1.51	0.48	3	21.85	0.57	0.33
	9	10	5.20	6.87	2.17	10	4.05	4.83	1.53	10	3.00	1.05	0.33	3	4.08	1.10	0.64
600-Minute	1	9	2.00	0.50	0.17	10	2.45	0.60	0.19	9	2.56	0.53	0.18	3	2.34	0.30	0.17
	2	9	5.33	0.71	0.24	10	5.60	0.94	0.30	10	5.70	0.82	0.26	3	5.54	0.19	0.11
	3	10	9.60	0.91	0.29	10	9.95	1.07	0.34	10	10.60	1.33	0.42	3	10.05	0.51	0.29
	4	10	15.05	1.44	0.46	10	15.00	1.08	0.34	10	15.25	1.38	0.44	3	15.10	0.13	0.08
	5	10	21.40	1.98	0.63	10	22.25	1.87	0.59	10	21.30	1.74	0.55	3	21.65	0.52	0.30
	9	10	7.65	7.62	2.41	10	2.45	0.60	0.19	10	4.70	5.46	1.73	3	4.93	2.61	1.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
300-Minute	1	10	54.46	27.95	8.84	10	85.05	50.58	15.99	10	76.00	52.05	16.46	3	71.84	15.72	9.07
	2	10	42.85	20.68	6.54	10	39.55	9.61	3.04	10	39.83	18.36	5.80	3	40.74	1.83	1.06
	3	10	18.98	8.99	2.84	10	19.98	4.98	1.57	10	21.49	6.17	1.95	3	20.15	1.26	0.73
	4	10	21.45	8.08	2.55	10	17.16	10.73	3.39	10	21.40	8.81	2.79	3	20.00	2.46	1.42
	5	10	33.10	16.51	5.22	10	28.79	13.10	4.14	10	33.29	18.62	5.89	3	31.73	2.54	1.47
	6	10	14.24	5.85	1.85	10	16.97	9.43	2.98	10	25.45	21.26	6.72	3	18.89	5.84	3.37
	7	10	65.07	34.27	10.84	10	58.83	25.47	8.06	10	76.29	40.11	12.68	3	66.73	8.85	5.11
	8	10	0.91	0.53	0.17	10	0.78	0.55	0.17	10	1.53	1.37	0.43	3	1.07	0.40	0.23
	9	10	170.84	59.13	18.70	10	190.54	76.13	24.07	10	192.02	66.18	20.93	3	184.47	11.82	6.83
600-Minute	1	10	43.58	27.95	8.84	10	42.13	20.01	6.33	10	67.71	29.55	9.34	3	51.14	14.37	8.30
	2	10	22.67	11.05	3.49	10	23.54	7.58	2.40	10	27.19	16.56	5.24	3	24.47	2.40	1.38
	3	10	13.66	5.16	1.63	10	15.63	9.58	3.03	10	18.50	8.20	2.59	3	15.93	2.43	1.41
	4	10	15.67	8.45	2.67	10	16.77	10.03	3.17	10	12.98	5.02	1.59	3	15.14	1.95	1.12
	5	10	23.88	6.68	2.11	10	20.18	13.82	4.37	10	20.57	14.56	4.60	3	21.54	2.03	1.17
	6	10	13.45	4.67	1.48	10	17.05	16.05	5.08	10	11.76	6.05	1.91	3	14.08	2.71	1.56
	7	10	48.52	20.03	6.33	10	73.28	102.27	32.34	10	50.37	46.42	14.68	3	57.39	13.79	7.96
	8	10	0.58	0.29	0.09	10	0.68	0.91	0.29	10	1.15	1.27	0.40	3	0.80	0.30	0.17
	9	10	119.46	45.57	14.41	10	118.25	46.24	14.62	10	146.96	53.84	17.03	3	128.22	16.24	9.37

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	30.11	15.06	4.76	10	45.59	17.31	5.47	10	41.53	24.30	7.68	3	39.08	8.03	4.64
	2	10	25.29	10.26	3.24	10	34.89	9.45	2.99	10	23.53	9.87	3.12	3	27.90	6.11	3.53
	3	10	28.56	11.29	3.57	10	35.93	16.70	5.28	10	33.82	21.92	6.93	3	32.77	3.80	2.19
	4	10	38.12	13.16	4.16	10	41.44	23.63	7.47	10	45.93	17.45	5.52	3	41.83	3.92	2.26
	5	10	71.07	43.55	13.77	10	78.78	73.93	23.38	10	96.66	70.21	22.20	3	82.17	13.13	7.58
	6	10	39.20	17.81	5.63	10	49.37	47.10	14.89	10	69.80	56.50	17.87	3	52.79	15.58	9.00
	7	10	203.04	95.23	30.11	10	218.37	148.13	46.84	10	301.93	160.33	50.70	3	241.11	53.22	30.73
	8	10	2.46	1.23	0.39	10	3.64	3.75	1.19	10	4.71	2.03	0.64	3	3.60	1.12	0.65
	9	10	193.15	62.83	19.87	10	236.63	111.61	35.29	10	241.47	97.64	30.88	3	223.75	26.61	15.36
600-Minute	1	10	45.62	18.11	5.73	10	43.46	16.79	5.31	10	48.92	36.08	11.41	3	46.00	2.75	1.59
	2	10	26.91	9.26	2.93	10	28.38	11.94	3.78	10	32.32	18.36	5.81	3	29.20	2.80	1.62
	3	10	37.95	13.70	4.33	10	53.27	46.18	14.60	10	45.98	24.99	7.90	3	45.73	7.66	4.42
	4	10	86.55	41.72	13.19	10	81.90	42.31	13.38	10	78.43	36.35	11.49	3	82.29	4.07	2.35
	5	10	115.29	70.89	22.42	10	69.97	24.79	7.84	10	67.85	27.66	8.75	3	84.37	26.80	15.47
	6	10	54.57	15.93	5.04	10	63.66	18.61	5.89	10	67.24	43.82	13.86	3	61.83	6.53	3.77
	7	10	363.24	186.48	58.97	10	294.72	97.49	30.83	10	258.74	65.39	20.68	3	305.57	53.09	30.65
	8	10	5.44	3.07	0.97	10	4.87	3.35	1.06	10	4.80	2.08	0.66	3	5.04	0.35	0.20
	9	10	312.31	117.72	37.23	10	276.98	98.48	31.14	10	273.51	96.62	30.56	3	287.60	21.47	12.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	135.10	74.85	23.67	10	234.54	113.04	35.75	10	141.22	86.05	27.21	3	170.28	55.73	32.17
	2	10	69.86	27.22	8.61	10	103.32	37.46	11.85	10	79.18	20.92	6.62	3	84.12	17.27	9.97
	3	10	43.96	12.65	4.00	10	58.56	17.35	5.49	10	48.11	19.26	6.09	3	50.21	7.52	4.34
	4	10	32.08	11.93	3.77	10	36.80	15.02	4.75	10	44.89	14.22	4.50	3	37.92	6.48	3.74
	5	10	68.47	40.14	12.69	10	67.05	43.40	13.72	10	80.45	29.92	9.46	3	71.99	7.36	4.25
	6	10	42.95	15.54	4.91	10	49.15	31.99	10.12	10	60.69	19.25	6.09	3	50.93	9.00	5.20
	7	10	231.08	112.44	35.56	10	214.97	203.73	64.43	10	316.24	115.02	36.37	3	254.10	54.41	31.42
	8	10	3.30	2.72	0.86	10	4.77	6.14	1.94	10	4.81	3.74	1.18	3	4.30	0.86	0.50
	9	10	349.48	95.25	30.12	10	500.27	118.32	37.41	10	393.85	94.68	29.94	3	414.53	77.49	44.74
600-Minute	1	10	115.95	63.31	20.02	10	127.92	48.94	15.48	10	161.84	88.21	27.90	3	135.24	23.80	13.74
	2	10	62.78	28.70	9.08	10	52.53	16.33	5.16	10	84.37	62.03	19.61	3	66.56	16.25	9.38
	3	10	39.26	9.45	2.99	10	47.61	30.87	9.76	10	55.19	37.07	11.72	3	47.35	7.97	4.60
	4	10	30.79	11.34	3.59	10	49.59	32.18	10.18	10	37.69	15.46	4.89	3	39.36	9.51	5.49
	5	10	59.41	29.27	9.26	10	66.49	32.64	10.32	10	69.28	23.78	7.52	3	65.06	5.08	2.94
	6	10	39.53	17.27	5.46	10	63.33	37.39	11.82	10	41.80	14.98	4.74	3	48.22	13.13	7.58
	7	10	184.12	116.09	36.71	10	354.25	226.87	71.74	10	290.17	104.50	33.04	3	276.18	85.92	49.61
	8	10	2.90	1.69	0.54	10	5.43	4.17	1.32	10	4.71	2.37	0.75	3	4.35	1.31	0.75
	9	10	308.19	98.74	31.22	10	344.14	118.36	37.43	10	408.37	167.54	52.98	3	353.57	50.75	29.30

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	176.93	121.93	38.56	10	271.05	103.14	32.62	10	222.37	103.51	32.73	3	223.45	47.07	27.18
	2	10	98.78	44.76	14.16	10	152.68	71.55	22.63	10	97.32	47.31	14.96	3	116.26	31.55	18.21
	3	10	53.78	18.68	5.91	10	62.62	16.62	5.26	10	55.08	17.72	5.60	3	57.16	4.77	2.76
	4	10	34.29	7.50	2.37	10	41.50	10.37	3.28	10	47.67	14.56	4.60	3	41.15	6.69	3.86
	5	10	76.25	17.32	5.48	10	72.77	30.51	9.65	10	95.48	30.77	9.73	3	81.50	12.23	7.06
	6	10	33.34	9.76	3.09	10	40.12	12.65	4.00	10	52.27	18.75	5.93	3	41.91	9.59	5.54
	7	10	132.28	44.67	14.13	10	145.12	71.48	22.60	10	166.33	61.24	19.37	3	147.91	17.19	9.93
	8	10	1.70	1.11	0.35	10	1.63	0.79	0.25	10	1.60	1.13	0.36	3	1.64	0.05	0.03
	9	10	440.03	159.52	50.45	10	600.62	165.57	52.36	10	517.91	149.59	47.30	3	519.52	80.31	46.37
600-Minute	1	10	143.68	91.66	28.99	10	165.19	62.38	19.73	10	210.14	76.24	24.11	3	173.00	33.91	19.58
	2	10	72.49	19.32	6.11	10	69.65	43.29	13.69	10	118.15	130.40	41.24	3	86.76	27.22	15.72
	3	10	50.71	20.24	6.40	10	47.41	19.40	6.13	10	64.01	41.02	12.97	3	54.05	8.79	5.07
	4	10	51.79	20.87	6.60	10	59.33	12.54	3.97	10	54.46	15.02	4.75	3	55.19	3.82	2.21
	5	10	90.26	28.66	9.06	10	69.67	20.98	6.64	10	81.06	22.10	6.99	3	80.33	10.31	5.95
	6	10	67.79	40.30	12.74	10	74.38	44.35	14.02	10	65.62	24.71	7.81	3	69.27	4.56	2.63
	7	10	286.26	195.33	61.77	10	233.40	127.23	40.23	10	203.80	54.37	17.19	3	241.15	41.77	24.12
	8	10	3.02	3.09	0.98	10	2.68	1.65	0.52	10	3.15	0.69	0.22	3	2.95	0.24	0.14
	9	10	408.93	89.20	28.21	10	411.25	100.98	31.93	10	527.83	243.81	77.10	3	449.34	67.99	39.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	16.62	4.96	1.57	10	22.83	15.48	4.90	10	29.95	12.60	3.98	3	23.13	6.67	3.85
	2	10	12.16	3.84	1.21	10	12.75	4.22	1.34	10	16.40	3.95	1.25	3	13.77	2.29	1.32
	3	10	29.52	6.67	2.11	10	23.04	7.18	2.27	10	20.80	6.77	2.14	3	24.45	4.53	2.61
	4	10	18.41	4.06	1.28	10	17.85	5.36	1.70	10	14.05	3.61	1.14	3	16.77	2.37	1.37
	5	10	23.30	9.24	2.92	10	23.52	8.53	2.70	10	18.80	10.97	3.47	3	21.87	2.66	1.54
90-Minute	1	10	45.05	13.58	4.29	10	43.98	10.17	3.22	10	47.28	13.45	4.25	3	45.44	1.68	0.97
	2	10	24.04	9.01	2.85	10	24.09	7.59	2.40	10	22.65	6.71	2.12	3	23.59	0.82	0.47
	3	10	12.12	4.19	1.32	10	12.39	4.46	1.41	10	11.34	4.04	1.28	3	11.95	0.55	0.32
	4	10	18.17	27.47	8.69	10	10.92	4.85	1.53	10	9.07	4.95	1.57	3	12.72	4.81	2.78
	5	10	9.23	4.30	1.36	10	8.61	2.26	0.71	10	9.67	4.46	1.41	3	9.17	0.53	0.31
300-Minute	1	10	55.84	8.54	2.70	10	48.31	12.68	4.01	10	46.89	14.16	4.48	3	50.35	4.81	2.78
	2	10	20.44	6.61	2.09	10	28.59	15.82	5.00	10	21.21	5.67	1.79	3	23.41	4.50	2.60
	3	10	9.92	2.95	0.93	10	11.43	5.30	1.67	10	11.33	5.31	1.68	3	10.89	0.85	0.49
	4	10	6.32	2.45	0.77	10	7.22	2.69	0.85	10	8.59	4.58	1.45	3	7.38	1.14	0.66
	5	10	7.48	2.25	0.71	10	8.94	5.33	1.69	10	10.32	8.19	2.59	3	8.91	1.42	0.82
600-Minute	1	10	49.07	16.29	5.15	10	45.39	5.49	1.73	10	41.02	14.52	4.59	3	45.16	4.03	2.33
	2	10	19.13	8.42	2.66	10	22.05	7.06	2.23	10	26.41	9.22	2.92	3	22.53	3.67	2.12
	3	10	12.52	4.09	1.29	10	11.36	3.97	1.26	10	16.58	6.44	2.04	3	13.49	2.74	1.58
	4	10	8.20	5.24	1.66	10	8.94	3.75	1.19	10	6.31	2.26	0.72	3	7.82	1.36	0.78
	5	10	11.07	5.78	1.83	10	22.96	37.02	11.71	10	9.67	4.40	1.39	3	14.57	7.30	4.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	13.83	4.67	1.48	10	19.37	13.36	4.22	10	21.77	8.65	2.73	3	18.32	4.07	2.35
	2	10	13.66	4.62	1.46	10	12.15	4.94	1.56	10	16.60	4.65	1.47	3	14.14	2.27	1.31
	3	10	24.17	5.71	1.81	10	21.28	7.93	2.51	10	21.61	10.54	3.33	3	22.35	1.58	0.91
	4	10	21.80	6.57	2.08	10	25.64	10.25	3.24	10	18.38	3.96	1.25	3	21.94	3.64	2.10
	5	10	26.54	12.85	4.06	10	21.56	7.22	2.28	10	21.64	7.85	2.48	3	23.24	2.85	1.65
90-Minute	1	10	41.43	17.10	5.41	10	37.82	12.96	4.10	10	41.20	14.23	4.50	3	40.15	2.02	1.17
	2	10	23.07	6.39	2.02	10	26.35	9.61	3.04	10	23.48	6.04	1.91	3	24.30	1.79	1.03
	3	10	12.76	4.44	1.40	10	16.75	5.38	1.70	10	12.69	3.91	1.24	3	14.07	2.33	1.34
	4	10	20.24	27.53	8.71	10	9.54	4.04	1.28	10	9.82	4.09	1.29	3	13.20	6.10	3.52
	5	10	10.99	7.01	2.22	10	9.54	5.46	1.73	10	12.82	7.99	2.53	3	11.12	1.64	0.95
300-Minute	1	10	42.45	9.11	2.88	10	45.49	12.24	3.87	10	37.32	11.26	3.56	3	41.75	4.13	2.38
	2	10	19.34	8.38	2.65	10	27.54	13.02	4.12	10	25.73	9.43	2.98	3	24.20	4.31	2.49
	3	10	17.11	7.24	2.29	10	11.74	4.86	1.54	10	12.89	3.45	1.09	3	13.91	2.83	1.63
	4	10	9.54	3.19	1.01	10	8.58	3.29	1.04	10	10.88	2.11	0.67	3	9.66	1.16	0.67
	5	10	11.57	5.56	1.76	10	10.87	5.18	1.64	10	13.03	4.72	1.49	3	11.83	1.10	0.64
600-Minute	1	10	40.12	9.31	2.94	10	30.87	6.56	2.08	10	33.75	8.90	2.81	3	34.91	4.73	2.73
	2	10	25.32	6.68	2.11	10	27.57	5.75	1.82	10	27.96	7.21	2.28	3	26.95	1.42	0.82
	3	10	14.31	3.39	1.07	10	16.97	4.15	1.31	10	17.98	4.88	1.54	3	16.42	1.89	1.09
	4	10	8.72	3.05	0.96	10	9.99	3.74	1.18	10	9.27	3.15	1.00	3	9.33	0.63	0.37
	5	10	11.52	2.60	0.82	10	23.51	30.09	9.52	10	11.05	4.28	1.35	3	15.36	7.06	4.08

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	13.89	5.29	1.67	10	15.37	6.43	2.03	10	14.39	4.27	1.35	3	14.55	0.75	0.44
	2	10	17.38	4.06	1.28	10	16.40	5.19	1.64	10	15.09	3.87	1.22	3	16.29	1.15	0.66
	3	10	21.96	6.79	2.15	10	20.78	5.74	1.82	10	22.06	6.27	1.98	3	21.60	0.71	0.41
	4	10	18.86	3.93	1.24	10	16.97	4.63	1.46	10	18.61	6.62	2.09	3	18.15	1.03	0.59
	5	10	27.90	6.86	2.17	10	30.48	5.39	1.71	10	29.85	11.10	3.51	3	29.41	1.35	0.78
90-Minute	1	10	50.91	13.57	4.29	10	44.10	8.27	2.62	10	42.50	10.43	3.30	3	45.83	4.47	2.58
	2	10	18.69	9.55	3.02	10	25.03	8.37	2.65	10	19.14	7.94	2.51	3	20.95	3.53	2.04
	3	10	9.59	3.20	1.01	10	12.22	2.32	0.73	10	14.97	6.13	1.94	3	12.26	2.69	1.55
	4	10	17.26	25.54	8.08	10	8.24	2.52	0.80	10	9.09	5.05	1.60	3	11.53	4.98	2.88
	5	10	10.96	5.22	1.65	10	10.42	3.44	1.09	10	14.31	5.81	1.84	3	11.90	2.10	1.21
300-Minute	1	10	33.21	12.81	4.05	10	42.39	17.79	5.63	10	28.53	14.76	4.67	3	34.71	7.05	4.07
	2	10	18.44	7.13	2.25	10	23.67	12.16	3.85	10	19.51	6.22	1.97	3	20.54	2.76	1.59
	3	10	12.75	3.54	1.12	10	11.43	5.13	1.62	10	14.40	2.95	0.93	3	12.86	1.49	0.86
	4	10	15.26	5.93	1.87	10	10.19	7.27	2.30	10	16.65	6.37	2.01	3	14.03	3.40	1.96
	5	10	20.34	6.51	2.06	10	16.06	10.34	3.27	10	20.73	8.66	2.74	3	19.04	2.59	1.50
600-Minute	1	10	28.48	10.07	3.18	10	35.16	17.67	5.59	10	37.65	16.88	5.34	3	33.76	4.74	2.74
	2	10	19.63	7.71	2.44	10	19.12	9.01	2.85	10	26.08	6.85	2.16	3	21.61	3.88	2.24
	3	10	13.77	4.27	1.35	10	10.56	4.11	1.30	10	13.84	6.29	1.99	3	12.72	1.87	1.08
	4	10	13.75	6.29	1.99	10	14.10	9.63	3.04	10	7.91	3.93	1.24	3	11.92	3.48	2.01
	5	10	24.36	9.71	3.07	10	29.75	29.51	9.33	10	14.52	8.07	2.55	3	22.88	7.72	4.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	27.81	9.50	3.00	10	24.57	7.51	2.38	10	27.08	9.85	3.11	3	26.48	1.70	0.98
	2	10	16.69	7.68	2.43	10	16.10	3.86	1.22	10	17.83	4.02	1.27	3	16.87	0.88	0.51
	3	10	19.30	5.06	1.60	10	22.30	7.99	2.53	10	19.94	9.06	2.86	3	20.51	1.58	0.91
	4	10	15.63	4.73	1.50	10	16.49	4.98	1.58	10	16.23	4.58	1.45	3	16.12	0.44	0.26
	5	10	20.57	7.52	2.38	10	20.54	5.29	1.67	10	18.92	7.19	2.27	3	20.01	0.95	0.55
90-Minute	1	10	59.86	17.76	5.62	10	49.59	12.28	3.88	10	45.92	10.27	3.25	3	51.79	7.22	4.17
	2	10	15.18	5.40	1.71	10	24.53	10.33	3.27	10	26.26	11.29	3.57	3	21.99	5.96	3.44
	3	10	9.87	4.13	1.31	10	10.67	3.32	1.05	10	13.19	5.58	1.76	3	11.24	1.73	1.00
	4	10	15.13	28.47	9.00	10	6.45	3.02	0.96	10	7.20	3.00	0.95	3	9.59	4.81	2.78
	5	10	8.33	6.65	2.10	10	8.77	5.44	1.72	10	7.43	2.72	0.86	3	8.18	0.68	0.39
300-Minute	1	10	52.21	11.43	3.62	10	53.87	10.60	3.35	10	42.51	16.56	5.24	3	49.53	6.13	3.54
	2	10	22.00	6.25	1.98	10	31.44	19.85	6.28	10	24.14	7.83	2.47	3	25.86	4.95	2.86
	3	10	10.95	4.19	1.32	10	9.67	4.42	1.40	10	13.94	6.07	1.92	3	11.52	2.19	1.26
	4	10	6.34	3.66	1.16	10	4.57	2.11	0.67	10	7.82	3.36	1.06	3	6.24	1.63	0.94
	5	10	8.50	3.92	1.24	10	7.34	4.52	1.43	10	10.88	3.54	1.12	3	8.90	1.80	1.04
600-Minute	1	10	45.25	10.47	3.31	10	44.33	12.13	3.83	10	42.03	12.36	3.91	3	43.87	1.66	0.96
	2	10	22.07	7.86	2.49	10	26.50	6.70	2.12	10	28.78	6.25	1.98	3	25.78	3.41	1.97
	3	10	11.95	3.07	0.97	10	11.35	4.26	1.35	10	13.35	4.81	1.52	3	12.22	1.02	0.59
	4	10	9.30	4.05	1.28	10	7.96	4.58	1.45	10	6.54	3.01	0.95	3	7.94	1.38	0.80
	5	10	11.42	5.30	1.68	10	19.14	29.82	9.43	10	9.30	3.96	1.25	3	13.29	5.18	2.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.21	0.19	0.06	10	1.92	0.24	0.08	10	1.97	0.24	0.08	3	2.03	0.15	0.09
	2	10	5.77	0.14	0.05	10	5.68	0.24	0.08	10	5.85	0.31	0.10	3	5.77	0.09	0.05
	3	10	9.96	0.38	0.12	10	9.98	0.31	0.10	10	10.10	0.43	0.14	3	10.01	0.08	0.04
	4	10	15.23	0.38	0.12	10	15.40	0.45	0.14	10	15.29	0.48	0.15	3	15.31	0.08	0.05
	5	10	20.97	0.37	0.12	10	21.42	0.47	0.15	10	21.30	0.84	0.27	3	21.23	0.23	0.13
	9	10	11.68	1.73	0.55	10	11.22	2.24	0.71	10	9.84	2.55	0.81	3	10.91	0.96	0.55
90-Minute	1	10	2.19	0.25	0.08	10	1.95	0.13	0.04	10	2.12	0.33	0.10	3	2.09	0.13	0.07
	2	10	5.45	0.40	0.13	10	5.43	0.31	0.10	10	5.40	0.34	0.11	3	5.43	0.02	0.01
	3	10	10.30	0.34	0.11	10	10.15	0.30	0.10	10	10.08	0.76	0.24	3	10.18	0.11	0.06
	4	10	14.06	3.55	1.12	10	15.25	0.46	0.15	10	15.23	0.56	0.18	3	14.85	0.68	0.39
	5	10	20.89	0.48	0.15	10	20.82	0.55	0.18	10	20.88	0.56	0.18	3	20.87	0.04	0.02
	9	10	6.79	1.41	0.45	10	6.87	0.97	0.31	10	6.77	1.62	0.51	3	6.81	0.05	0.03
300-Minute	1	10	2.01	0.22	0.07	10	2.03	0.27	0.08	10	2.07	0.21	0.07	3	2.04	0.03	0.02
	2	10	5.40	0.22	0.07	10	5.12	0.76	0.24	10	5.35	0.35	0.11	3	5.29	0.15	0.09
	3	10	9.85	0.44	0.14	10	10.08	0.41	0.13	10	9.96	0.38	0.12	3	9.96	0.11	0.07
	4	10	15.19	0.40	0.13	10	15.15	0.60	0.19	10	15.16	0.20	0.06	3	15.17	0.02	0.01
	5	10	20.89	0.47	0.15	10	21.25	0.37	0.12	10	21.39	0.57	0.18	3	21.18	0.26	0.15
	9	10	5.73	0.83	0.26	10	6.38	1.47	0.46	10	6.75	2.31	0.73	3	6.29	0.52	0.30
600-Minute	1	10	1.95	0.20	0.06	10	1.93	0.32	0.10	10	2.10	0.38	0.12	3	1.99	0.09	0.05
	2	10	5.42	0.38	0.12	10	5.28	0.19	0.06	10	5.44	0.34	0.11	3	5.38	0.09	0.05
	3	10	10.13	0.38	0.12	10	9.92	0.39	0.12	10	10.01	0.50	0.16	3	10.02	0.10	0.06
	4	10	15.34	0.41	0.13	10	15.07	0.34	0.11	10	15.24	0.36	0.11	3	15.22	0.14	0.08
	5	10	21.04	0.58	0.18	10	19.85	4.60	1.45	10	21.09	0.49	0.15	3	20.66	0.70	0.40
	9	10	6.83	1.94	0.61	10	7.13	1.29	0.41	10	6.92	1.43	0.45	3	6.96	0.15	0.09

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.28	0.09	10	1.95	0.27	0.09	10	2.13	0.32	0.10	3	2.09	0.13	0.07
	2	10	5.92	0.31	0.10	10	5.77	0.36	0.11	10	5.76	0.26	0.08	3	5.82	0.09	0.05
	3	10	9.85	0.47	0.15	10	10.07	0.44	0.14	10	10.31	0.41	0.13	3	10.07	0.23	0.13
	4	10	15.38	0.49	0.16	10	15.53	0.33	0.10	10	15.24	0.36	0.11	3	15.38	0.15	0.08
	5	10	20.87	0.54	0.17	10	21.12	0.46	0.15	10	20.93	0.70	0.22	3	20.97	0.13	0.07
	9	10	12.38	1.70	0.54	10	11.75	2.16	0.68	10	10.98	1.46	0.46	3	11.70	0.70	0.41
90-Minute	1	10	2.08	0.26	0.08	10	2.21	0.29	0.09	10	2.13	0.24	0.08	3	2.14	0.07	0.04
	2	10	5.54	0.28	0.09	10	5.55	0.18	0.06	10	5.43	0.38	0.12	3	5.51	0.07	0.04
	3	10	10.28	0.53	0.17	10	10.03	0.52	0.16	10	10.03	0.48	0.15	3	10.12	0.14	0.08
	4	10	14.02	3.56	1.12	10	14.97	0.46	0.15	10	15.18	0.34	0.11	3	14.73	0.62	0.36
	5	10	21.16	0.45	0.14	10	21.19	0.39	0.12	10	21.09	0.50	0.16	3	21.14	0.05	0.03
	9	10	7.43	2.37	0.75	10	7.44	1.55	0.49	10	7.65	2.09	0.66	3	7.51	0.12	0.07
300-Minute	1	10	2.02	0.33	0.11	10	2.03	0.24	0.08	10	2.38	0.25	0.08	3	2.14	0.21	0.12
	2	10	5.68	0.41	0.13	10	5.06	0.89	0.28	10	5.42	0.35	0.11	3	5.39	0.32	0.18
	3	10	9.86	0.34	0.11	10	9.99	0.35	0.11	10	10.20	0.31	0.10	3	10.02	0.17	0.10
	4	10	15.32	0.34	0.11	10	15.13	0.20	0.06	10	15.15	0.40	0.13	3	15.20	0.11	0.06
	5	10	20.91	0.67	0.21	10	21.33	0.48	0.15	10	21.26	0.46	0.14	3	21.17	0.23	0.13
	9	10	7.53	1.10	0.35	10	6.94	1.53	0.48	10	8.04	1.08	0.34	3	7.51	0.55	0.32
600-Minute	1	10	2.18	0.26	0.08	10	2.16	0.37	0.12	10	2.16	0.33	0.11	3	2.17	0.01	0.01
	2	10	5.37	0.35	0.11	10	5.61	0.32	0.10	10	5.59	0.25	0.08	3	5.53	0.13	0.08
	3	10	10.09	0.37	0.12	10	9.97	0.49	0.16	10	10.03	0.27	0.09	3	10.03	0.06	0.03
	4	10	15.27	0.33	0.11	10	15.11	0.41	0.13	10	15.22	0.48	0.15	3	15.20	0.08	0.05
	5	10	20.90	0.48	0.15	10	20.10	3.91	1.24	10	21.26	0.63	0.20	3	20.76	0.59	0.34
	9	10	7.40	0.94	0.30	10	8.52	1.09	0.34	10	7.85	1.14	0.36	3	7.92	0.57	0.33

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.00	0.20	0.06	10	2.20	0.24	0.08	10	2.16	0.39	0.12	3	2.12	0.11	0.06
	2	10	5.85	0.41	0.13	10	5.75	0.27	0.09	10	5.67	0.31	0.10	3	5.76	0.09	0.05
	3	10	10.15	0.28	0.09	10	10.02	0.20	0.06	10	9.98	0.36	0.11	3	10.05	0.09	0.05
	4	10	15.34	0.47	0.15	10	15.29	0.52	0.16	10	15.19	0.47	0.15	3	15.27	0.08	0.05
	5	10	21.34	0.61	0.19	10	21.55	0.43	0.14	10	21.24	0.52	0.17	3	21.37	0.16	0.09
	9	10	12.35	0.95	0.30	10	12.54	1.13	0.36	10	12.57	1.35	0.43	3	12.49	0.12	0.07
90-Minute	1	10	2.06	0.16	0.05	10	2.23	0.29	0.09	10	2.11	0.29	0.09	3	2.13	0.09	0.05
	2	10	5.29	0.25	0.08	10	5.37	0.33	0.10	10	5.34	0.34	0.11	3	5.33	0.04	0.02
	3	10	10.25	0.48	0.15	10	10.10	0.18	0.06	10	10.25	0.44	0.14	3	10.20	0.09	0.05
	4	10	13.86	3.29	1.04	10	15.09	0.20	0.06	10	15.08	0.41	0.13	3	14.68	0.71	0.41
	5	10	21.45	0.35	0.11	10	21.31	0.27	0.08	10	21.23	0.56	0.18	3	21.33	0.11	0.07
	9	10	6.75	1.56	0.49	10	6.99	0.74	0.23	10	7.91	1.67	0.53	3	7.22	0.61	0.35
300-Minute	1	10	2.14	0.42	0.13	10	2.17	0.28	0.09	10	2.10	0.14	0.04	3	2.13	0.03	0.02
	2	10	5.34	0.34	0.11	10	5.14	0.67	0.21	10	5.65	0.31	0.10	3	5.38	0.26	0.15
	3	10	10.14	0.29	0.09	10	10.06	0.45	0.14	10	10.29	0.32	0.10	3	10.17	0.12	0.07
	4	10	15.40	0.41	0.13	10	15.37	0.44	0.14	10	15.29	0.42	0.13	3	15.35	0.05	0.03
	5	10	20.96	0.45	0.14	10	21.23	0.55	0.17	10	21.39	0.48	0.15	3	21.19	0.21	0.12
	9	10	9.59	1.93	0.61	10	8.09	2.98	0.94	10	10.18	2.15	0.68	3	9.29	1.08	0.62
600-Minute	1	10	2.23	0.28	0.09	10	2.11	0.35	0.11	10	2.11	0.24	0.08	3	2.15	0.07	0.04
	2	10	5.47	0.30	0.10	10	5.36	0.34	0.11	10	5.46	0.28	0.09	3	5.43	0.06	0.03
	3	10	10.12	0.40	0.13	10	10.14	0.43	0.13	10	10.05	0.29	0.09	3	10.10	0.05	0.03
	4	10	15.22	0.43	0.14	10	15.27	0.38	0.12	10	15.25	0.28	0.09	3	15.25	0.03	0.02
	5	10	21.00	0.50	0.16	10	20.01	3.91	1.24	10	20.97	0.51	0.16	3	20.66	0.56	0.32
	9	10	10.34	2.15	0.68	10	9.46	3.26	1.03	10	7.87	2.25	0.71	3	9.22	1.25	0.72

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	1.96	0.27	0.08	10	1.97	0.26	0.08	10	2.07	0.20	0.06	3	2.00	0.06	0.03
	2	10	5.84	0.25	0.08	10	5.93	0.45	0.14	10	5.62	0.45	0.14	3	5.80	0.16	0.09
	3	10	10.06	0.39	0.12	10	9.85	0.40	0.13	10	10.00	0.35	0.11	3	9.97	0.11	0.06
	4	10	15.24	0.59	0.19	10	15.30	0.42	0.13	10	15.13	0.42	0.13	3	15.23	0.09	0.05
	5	10	21.49	0.36	0.11	10	21.52	0.43	0.14	10	21.19	0.49	0.16	3	21.40	0.19	0.11
	9	10	10.26	1.45	0.46	10	10.56	1.30	0.41	10	10.04	1.27	0.40	3	10.29	0.26	0.15
90-Minute	1	10	2.06	0.15	0.05	10	2.29	0.29	0.09	10	2.27	0.20	0.06	3	2.21	0.13	0.07
	2	10	5.25	0.40	0.13	10	5.38	0.35	0.11	10	5.39	0.41	0.13	3	5.34	0.08	0.04
	3	10	10.01	0.20	0.06	10	10.22	0.33	0.11	10	10.08	0.27	0.08	3	10.10	0.11	0.06
	4	10	14.04	3.41	1.08	10	14.91	0.46	0.15	10	14.78	0.35	0.11	3	14.58	0.47	0.27
	5	10	20.82	0.39	0.12	10	21.16	0.69	0.22	10	20.86	0.57	0.18	3	20.95	0.18	0.11
	9	10	5.70	2.11	0.67	10	6.33	1.42	0.45	10	6.42	0.80	0.25	3	6.15	0.39	0.23
300-Minute	1	10	2.11	0.31	0.10	10	2.05	0.23	0.07	10	2.09	0.28	0.09	3	2.08	0.03	0.02
	2	10	5.42	0.27	0.08	10	5.01	0.94	0.30	10	5.57	0.28	0.09	3	5.33	0.29	0.17
	3	10	10.05	0.37	0.12	10	10.12	0.43	0.14	10	9.95	0.52	0.16	3	10.04	0.09	0.05
	4	10	14.93	0.28	0.09	10	15.25	0.44	0.14	10	15.03	0.45	0.14	3	15.07	0.16	0.09
	5	10	20.99	0.40	0.13	10	21.26	0.48	0.15	10	21.33	0.67	0.21	3	21.19	0.18	0.10
	9	10	6.12	1.26	0.40	10	5.64	1.18	0.37	10	7.10	1.51	0.48	3	6.29	0.74	0.43
600-Minute	1	10	2.14	0.23	0.07	10	2.15	0.23	0.07	10	2.17	0.22	0.07	3	2.15	0.01	0.01
	2	10	5.36	0.31	0.10	10	5.33	0.28	0.09	10	5.65	0.41	0.13	3	5.44	0.18	0.10
	3	10	10.00	0.41	0.13	10	9.96	0.42	0.13	10	9.93	0.39	0.12	3	9.96	0.04	0.02
	4	10	15.22	0.46	0.14	10	15.34	0.19	0.06	10	15.00	0.32	0.10	3	15.18	0.18	0.10
	5	10	21.13	0.32	0.10	10	19.91	4.63	1.46	10	21.17	0.62	0.20	3	20.73	0.72	0.41
	9	10	7.18	1.36	0.43	10	6.82	1.57	0.50	10	6.81	1.32	0.42	3	6.94	0.21	0.12

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.65	0.53	0.17	10	2.40	0.84	0.27	6	1.92	0.66	0.27	3	2.32	0.37	0.22
	2	8	6.25	0.89	0.31	7	5.57	0.79	0.30	10	6.40	0.94	0.30	3	6.07	0.44	0.25
	3	10	10.25	1.59	0.50	10	9.50	0.82	0.26	10	9.90	1.29	0.41	3	9.88	0.38	0.22
	4	10	15.65	1.25	0.39	10	15.90	1.07	0.34	10	15.35	1.29	0.41	3	15.63	0.28	0.16
	5	10	20.60	1.35	0.43	10	21.20	1.95	0.62	10	22.35	2.26	0.72	3	21.38	0.89	0.51
	9	10	11.00	5.86	1.85	10	11.25	7.44	2.35	10	10.30	9.68	3.06	3	10.85	0.49	0.28
90-Minute	1	10	2.45	0.60	0.19	7	2.36	0.75	0.28	9	2.72	0.83	0.28	3	2.51	0.19	0.11
	2	9	5.44	0.73	0.24	10	5.80	1.23	0.39	9	5.50	1.09	0.36	3	5.58	0.19	0.11
	3	10	10.80	1.21	0.38	10	10.65	1.18	0.37	9	11.06	1.29	0.43	3	10.84	0.21	0.12
	4	10	14.05	4.55	1.44	10	15.40	1.05	0.33	9	15.89	1.05	0.35	3	15.11	0.95	0.55
	5	10	21.15	1.63	0.52	10	21.70	1.86	0.59	10	20.00	1.56	0.49	3	20.95	0.87	0.50
	9	10	2.85	1.16	0.37	10	3.50	1.65	0.52	10	3.90	3.81	1.20	3	3.42	0.53	0.31
300-Minute	1	9	2.17	0.75	0.25	7	2.07	0.45	0.17	9	2.44	0.73	0.24	3	2.23	0.19	0.11
	2	9	5.72	0.97	0.32	8	5.69	1.62	0.57	9	5.94	0.98	0.33	3	5.78	0.14	0.08
	3	9	10.33	1.30	0.43	10	10.55	1.28	0.40	10	9.95	1.34	0.42	3	10.28	0.30	0.18
	4	10	15.20	1.46	0.46	9	15.94	1.24	0.41	9	15.06	1.33	0.44	3	15.40	0.48	0.28
	5	10	21.75	1.83	0.58	9	22.83	1.70	0.57	10	22.65	1.55	0.49	3	22.41	0.58	0.33
	9	10	2.90	2.42	0.77	10	3.75	3.57	1.13	10	2.75	1.84	0.58	3	3.13	0.54	0.31
600-Minute	1	9	2.22	0.83	0.28	8	2.56	0.90	0.32	8	2.25	0.71	0.25	3	2.34	0.19	0.11
	2	9	5.44	0.77	0.26	8	5.06	0.56	0.20	10	5.75	0.92	0.29	3	5.42	0.34	0.20
	3	10	10.15	1.16	0.37	10	9.80	1.14	0.36	10	10.40	1.13	0.36	3	10.12	0.30	0.17
	4	9	15.94	1.18	0.39	9	15.17	1.30	0.43	9	15.61	0.99	0.33	3	15.57	0.39	0.23
	5	10	21.20	1.81	0.57	10	19.60	5.95	1.88	10	21.20	1.48	0.47	3	20.67	0.92	0.53
	9	10	3.00	1.53	0.48	10	2.90	1.07	0.34	10	3.10	1.33	0.42	3	3.00	0.10	0.06

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.66	0.21	8	2.50	0.96	0.34	8	2.56	0.56	0.20	3	2.39	0.25	0.14
	2	10	6.27	0.93	0.29	8	5.69	0.80	0.28	10	6.40	0.99	0.31	3	6.12	0.38	0.22
	3	10	10.05	1.26	0.40	10	10.45	1.38	0.44	10	10.50	1.03	0.32	3	10.33	0.25	0.14
	4	10	15.25	1.55	0.49	10	15.60	1.15	0.36	10	16.00	1.22	0.39	3	15.62	0.38	0.22
	5	10	20.95	1.67	0.53	10	23.15	1.40	0.44	10	20.55	1.61	0.51	3	21.55	1.40	0.81
	9	10	11.55	6.67	2.11	10	13.05	5.31	1.68	10	9.90	6.88	2.17	3	11.50	1.58	0.91
90-Minute	1	8	2.31	0.80	0.28	8	2.31	0.53	0.19	9	2.25	0.68	0.23	3	2.29	0.04	0.02
	2	10	5.60	0.88	0.28	10	5.60	0.99	0.31	8	6.00	0.76	0.27	3	5.73	0.23	0.13
	3	10	10.75	0.86	0.27	10	10.75	1.36	0.43	10	9.90	1.02	0.32	3	10.47	0.49	0.28
	4	10	13.80	4.54	1.44	10	15.40	1.35	0.43	10	15.25	1.16	0.37	3	14.82	0.88	0.51
	5	10	21.80	1.74	0.55	10	22.17	1.51	0.48	10	22.15	1.36	0.43	3	22.04	0.21	0.12
	9	10	2.55	1.28	0.40	10	3.02	1.75	0.55	10	2.87	1.63	0.52	3	2.82	0.24	0.14
300-Minute	1	9	2.33	0.61	0.20	8	2.06	0.73	0.26	10	2.95	0.55	0.17	3	2.45	0.45	0.26
	2	9	5.78	1.00	0.33	9	4.89	1.52	0.51	10	6.00	0.53	0.17	3	5.56	0.59	0.34
	3	10	10.15	1.55	0.49	10	10.50	1.29	0.41	9	10.67	1.27	0.42	3	10.44	0.26	0.15
	4	9	15.67	1.44	0.48	10	14.70	1.16	0.37	10	15.90	1.22	0.39	3	15.42	0.64	0.37
	5	10	21.15	1.93	0.61	10	22.35	1.47	0.47	10	21.60	2.27	0.72	3	21.70	0.61	0.35
	9	10	4.15	4.57	1.45	10	2.85	1.27	0.40	10	3.95	1.50	0.47	3	3.65	0.70	0.40
600-Minute	1	9	2.44	0.58	0.19	10	2.55	0.76	0.24	8	2.50	0.71	0.25	3	2.50	0.05	0.03
	2	10	5.20	0.54	0.17	10	5.30	0.71	0.23	10	5.60	0.94	0.30	3	5.37	0.21	0.12
	3	10	10.15	1.13	0.36	10	10.05	1.23	0.39	10	10.40	0.97	0.31	3	10.20	0.18	0.10
	4	9	15.94	1.10	0.37	10	15.35	1.40	0.44	10	15.10	1.20	0.38	3	15.46	0.43	0.25
	5	10	20.05	1.17	0.37	10	20.20	6.77	2.14	10	21.65	2.06	0.65	3	20.63	0.88	0.51
	9	10	2.95	1.21	0.38	10	3.60	2.22	0.70	10	3.50	1.80	0.57	3	3.35	0.35	0.20

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.06	0.56	0.20	8	2.12	0.74	0.26	9	2.56	0.85	0.28	3	2.25	0.27	0.15
	2	9	5.61	0.89	0.30	10	6.20	1.09	0.34	9	5.94	1.07	0.36	3	5.92	0.30	0.17
	3	10	10.60	1.17	0.37	10	9.70	0.67	0.21	10	9.95	1.28	0.40	3	10.08	0.46	0.27
	4	10	15.15	1.13	0.36	10	15.95	1.09	0.35	10	15.25	1.25	0.40	3	15.45	0.44	0.25
	5	10	21.25	2.38	0.75	10	22.70	1.55	0.49	10	21.35	1.67	0.53	3	21.77	0.81	0.47
	9	10	12.10	8.61	2.72	10	13.50	9.02	2.85	10	12.95	6.56	2.07	3	12.85	0.71	0.41
90-Minute	1	10	2.00	0.62	0.20	9	2.61	0.70	0.23	8	2.50	0.60	0.21	3	2.37	0.33	0.19
	2	9	6.00	0.79	0.26	9	5.44	1.01	0.34	9	5.89	0.89	0.30	3	5.78	0.29	0.17
	3	10	10.25	1.38	0.44	10	10.75	1.36	0.43	9	10.22	1.15	0.38	3	10.41	0.30	0.17
	4	10	13.60	4.56	1.44	10	15.30	1.18	0.37	10	15.80	1.11	0.35	3	14.90	1.15	0.67
	5	10	22.45	1.12	0.35	10	21.22	1.33	0.42	10	21.60	1.49	0.47	3	21.76	0.63	0.36
	9	10	2.15	1.16	0.37	10	2.75	0.79	0.25	10	3.60	3.03	0.96	3	2.83	0.73	0.42
300-Minute	1	7	2.43	0.93	0.35	10	2.25	0.75	0.24	10	2.25	0.72	0.23	3	2.31	0.10	0.06
	2	9	5.67	0.90	0.30	9	5.17	1.12	0.37	10	6.00	0.97	0.31	3	5.61	0.42	0.24
	3	10	10.60	1.68	0.53	10	10.30	1.46	0.46	10	11.05	1.36	0.43	3	10.65	0.38	0.22
	4	10	15.90	1.41	0.45	10	15.85	1.42	0.45	10	15.83	1.53	0.48	3	15.86	0.04	0.02
	5	10	20.60	2.04	0.64	10	20.60	1.76	0.56	10	22.50	1.70	0.54	3	21.23	1.10	0.63
	9	10	4.55	4.78	1.51	10	2.50	1.15	0.37	10	3.95	5.22	1.65	3	3.67	1.05	0.61
600-Minute	1	10	2.50	0.71	0.22	10	2.35	0.71	0.22	9	2.11	0.70	0.23	3	2.32	0.20	0.11
	2	10	5.50	0.75	0.24	10	5.95	0.80	0.25	10	6.05	1.07	0.34	3	5.83	0.29	0.17
	3	10	10.10	1.17	0.37	10	9.80	0.89	0.28	10	10.92	1.16	0.37	3	10.28	0.58	0.34
	4	10	15.45	1.04	0.33	10	15.75	1.32	0.42	10	15.95	1.07	0.34	3	15.72	0.25	0.15
	5	10	20.95	2.22	0.70	10	18.45	6.16	1.95	10	20.60	1.71	0.54	3	20.00	1.35	0.78
	9	10	5.50	5.43	1.72	10	5.65	6.43	2.03	10	5.30	6.49	2.05	3	5.48	0.18	0.10

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	7	2.50	0.58	0.22	8	2.34	0.72	0.25	10	2.05	0.50	0.16	3	2.30	0.23	0.13
	2	10	6.00	0.71	0.22	10	5.95	1.01	0.32	10	5.75	0.98	0.31	3	5.90	0.13	0.08
	3	10	10.55	1.09	0.35	10	9.65	0.85	0.27	10	9.55	1.17	0.37	3	9.92	0.55	0.32
	4	10	15.50	1.05	0.33	10	15.90	1.35	0.43	10	15.35	1.58	0.50	3	15.58	0.28	0.16
	5	10	21.20	1.72	0.54	10	22.35	1.84	0.58	10	21.50	1.67	0.53	3	21.68	0.60	0.34
	9	10	7.85	7.03	2.22	10	6.30	6.03	1.91	10	5.45	4.63	1.46	3	6.53	1.22	0.70
90-Minute	1	8	2.25	0.60	0.21	10	2.65	0.58	0.18	10	2.35	0.47	0.15	3	2.42	0.21	0.12
	2	8	5.81	1.07	0.38	10	6.10	0.97	0.31	9	5.72	0.67	0.22	3	5.88	0.20	0.11
	3	10	9.60	0.94	0.30	9	11.44	1.07	0.36	10	10.10	1.37	0.43	3	10.38	0.95	0.55
	4	9	13.28	4.70	1.57	10	16.10	1.43	0.45	9	14.83	0.79	0.26	3	14.74	1.41	0.82
	5	10	21.05	1.61	0.51	10	21.55	1.61	0.51	10	20.90	1.76	0.56	3	21.17	0.34	0.20
	9	10	2.45	1.12	0.35	10	3.20	0.86	0.27	10	2.80	1.18	0.37	3	2.82	0.38	0.22
300-Minute	1	9	2.78	0.67	0.22	9	1.83	0.56	0.19	8	2.19	0.75	0.27	3	2.27	0.48	0.28
	2	10	5.85	1.03	0.33	8	4.81	1.69	0.60	10	5.75	1.03	0.33	3	5.47	0.57	0.33
	3	10	10.25	1.32	0.42	10	10.35	1.29	0.41	10	10.45	1.61	0.51	3	10.35	0.10	0.06
	4	10	15.45	1.46	0.46	10	15.90	1.39	0.44	9	15.28	1.48	0.49	3	15.54	0.32	0.19
	5	10	21.10	1.17	0.37	10	21.55	1.32	0.42	10	21.60	1.74	0.55	3	21.42	0.28	0.16
	9	10	3.40	1.71	0.54	10	2.85	2.37	0.75	10	2.65	1.18	0.37	3	2.97	0.39	0.22
600-Minute	1	10	2.10	0.52	0.16	10	2.45	0.72	0.23	10	2.15	0.63	0.20	3	2.23	0.19	0.11
	2	10	6.00	0.88	0.28	10	5.90	1.10	0.35	10	5.90	0.66	0.21	3	5.93	0.06	0.03
	3	10	10.10	1.47	0.46	10	10.35	1.25	0.39	10	10.05	1.26	0.40	3	10.17	0.16	0.09
	4	10	15.40	1.24	0.39	10	15.75	1.18	0.37	10	15.05	1.14	0.36	3	15.40	0.35	0.20
	5	10	21.50	2.00	0.63	10	20.40	6.63	2.10	10	21.25	1.89	0.60	3	21.05	0.58	0.33
	9	10	2.80	1.32	0.42	10	2.90	0.99	0.31	10	2.45	1.36	0.43	3	2.72	0.24	0.14

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	41.92	29.28	9.26	10	54.98	51.20	16.19	10	73.14	48.15	15.23	3	56.68	15.68	9.05
	2	10	33.30	29.86	9.44	10	27.57	10.46	3.31	10	46.10	44.05	13.93	3	35.66	9.49	5.48
	3	10	73.46	46.20	14.61	10	48.54	13.54	4.28	10	58.92	62.15	19.65	3	60.31	12.52	7.23
	4	10	51.24	57.09	18.05	10	37.69	11.29	3.57	10	41.60	53.16	16.81	3	43.51	6.97	4.03
	5	10	65.88	83.78	26.50	10	48.37	12.28	3.88	10	67.78	121.59	38.45	3	60.68	10.70	6.18
	6	10	43.41	41.40	13.09	10	32.12	8.92	2.82	10	46.16	99.32	31.41	3	40.57	7.44	4.29
	7	10	264.92	511.35	161.70	10	122.03	26.52	8.39	10	199.14	446.91	141.32	3	195.36	71.52	41.29
	8	10	2.92	3.99	1.26	10	1.90	1.08	0.34	10	4.32	11.39	3.60	3	3.05	1.21	0.70
	9	10	265.80	236.78	74.88	10	217.16	46.47	14.69	10	287.54	305.48	96.60	3	256.83	36.04	20.81
90-Minute	1	10	101.42	51.74	16.36	10	119.47	76.68	24.25	10	120.02	55.37	17.51	3	113.64	10.58	6.11
	2	10	51.71	21.63	6.84	10	60.91	31.96	10.11	10	56.87	27.12	8.57	3	56.50	4.61	2.66
	3	10	24.95	8.36	2.64	10	28.83	10.43	3.30	10	30.54	18.63	5.89	3	28.11	2.86	1.65
	4	10	35.22	48.48	15.33	10	26.17	13.71	4.34	10	23.73	21.91	6.93	3	28.37	6.06	3.50
	5	10	20.05	10.72	3.39	10	21.60	10.58	3.35	10	23.62	14.72	4.66	3	21.75	1.79	1.03
	6	10	8.11	6.07	1.92	10	12.59	10.13	3.20	10	9.68	6.11	1.93	3	10.12	2.27	1.31
	7	10	26.12	34.19	10.81	10	43.17	48.89	15.46	10	48.85	72.72	23.00	3	39.38	11.83	6.83
	8	10	1.54	2.65	0.84	10	2.48	3.74	1.18	10	2.63	5.71	1.81	3	2.22	0.59	0.34
	9	10	217.94	62.92	19.90	10	256.98	121.46	38.41	10	254.77	101.72	32.17	3	243.23	21.93	12.66
300-Minute	1	10	153.97	75.93	24.01	10	236.59	264.44	83.62	10	152.00	65.63	20.76	3	180.86	48.28	27.87
	2	10	50.62	17.42	5.51	10	129.00	116.59	36.87	10	63.51	23.44	7.41	3	81.05	42.03	24.27
	3	10	25.59	10.84	3.43	10	39.22	27.62	8.73	10	32.96	15.00	4.74	3	32.59	6.82	3.94
	4	10	16.50	8.01	2.53	10	24.97	14.53	4.60	10	24.43	11.67	3.69	3	21.97	4.74	2.74
	5	10	19.28	10.38	3.28	10	27.13	14.18	4.48	10	26.85	13.28	4.20	3	24.42	4.46	2.57
	6	10	10.76	3.03	0.96	10	15.24	7.71	2.44	10	19.76	16.05	5.07	3	15.25	4.50	2.60
	7	10	34.61	18.92	5.98	10	39.07	23.75	7.51	10	55.86	29.93	9.46	3	43.18	11.21	6.47
	8	10	0.19	0.29	0.09	10	0.41	0.55	0.17	10	1.08	0.84	0.26	3	0.56	0.47	0.27
	9	10	265.96	111.44	35.24	10	437.35	382.15	120.85	10	306.19	84.53	26.73	3	336.50	89.62	51.74
600-Minute	1	10	100.26	48.88	15.46	10	74.03	27.78	8.78	10	51.92	30.00	9.49	3	75.40	24.20	13.97
	2	10	37.37	18.47	5.84	10	35.33	16.58	5.24	10	32.12	14.79	4.68	3	34.94	2.64	1.53
	3	10	23.70	7.62	2.41	10	16.98	5.49	1.74	10	18.79	6.24	1.97	3	19.82	3.48	2.01
	4	10	15.67	10.25	3.24	10	15.08	8.48	2.68	10	7.12	1.57	0.50	3	12.62	4.77	2.76
	5	10	20.07	7.82	2.47	10	28.84	30.85	9.76	10	10.73	3.13	0.99	3	19.88	9.06	5.23
	6	10	13.73	5.54	1.75	10	13.30	8.08	2.56	10	5.87	1.84	0.58	3	10.97	4.42	2.55
	7	10	45.83	28.16	8.91	10	40.04	31.37	9.92	10	7.93	4.09	1.29	3	31.27	20.42	11.79
	8	10	0.69	0.72	0.23	10	0.64	0.89	0.28	10	0.06	0.13	0.04	3	0.46	0.35	0.20
	9	10	197.06	51.00	16.13	10	160.97	51.57	16.31	10	120.68	32.71	10.34	3	159.57	38.21	22.06

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	27.55	12.07	3.82	10	36.94	27.67	8.75	10	55.80	45.39	14.35	3	40.10	14.38	8.30
	2	10	26.16	9.70	3.07	10	22.80	9.36	2.96	10	42.96	32.09	10.15	3	30.64	10.80	6.24
	3	10	47.36	15.06	4.76	10	42.18	25.35	8.02	10	54.24	40.41	12.78	3	47.93	6.05	3.49
	4	10	43.30	18.68	5.91	10	49.01	21.68	6.86	10	41.38	11.83	3.74	3	44.56	3.97	2.29
	5	10	51.23	29.69	9.39	10	40.68	13.50	4.27	10	47.88	17.79	5.63	3	46.60	5.39	3.11
	6	10	45.36	33.23	10.51	10	41.58	19.80	6.26	10	35.19	27.97	8.84	3	40.71	5.14	2.97
	7	10	130.84	78.44	24.80	10	131.34	69.67	22.03	10	104.26	105.16	33.25	3	122.15	15.50	8.95
	8	10	1.13	0.89	0.28	10	1.09	0.30	0.09	10	1.08	1.44	0.45	3	1.10	0.03	0.02
	9	10	195.60	43.22	13.67	10	191.61	40.88	12.93	10	242.26	116.72	36.91	3	209.82	28.16	16.26
90-Minute	1	10	123.04	124.12	39.25	10	119.45	87.42	27.64	10	130.07	70.82	22.40	3	124.19	5.40	3.12
	2	10	62.33	27.55	8.71	10	74.61	34.88	11.03	10	65.75	22.55	7.13	3	67.56	6.33	3.66
	3	10	32.07	11.42	3.61	10	47.47	18.88	5.97	10	37.19	17.35	5.49	3	38.91	7.84	4.53
	4	10	48.28	56.36	17.82	10	29.38	20.41	6.45	10	28.91	16.80	5.31	3	35.52	11.05	6.38
	5	10	28.17	21.51	6.80	10	30.13	28.48	9.00	10	38.70	32.72	10.35	3	32.34	5.60	3.23
	6	10	13.56	9.82	3.11	10	14.91	18.40	5.82	10	19.08	17.95	5.68	3	15.85	2.88	1.66
	7	10	81.87	92.75	29.33	10	55.93	61.94	19.59	10	91.76	98.69	31.21	3	76.52	18.51	10.68
	8	10	2.55	4.18	1.32	10	2.95	5.00	1.58	10	3.48	5.62	1.78	3	2.99	0.46	0.27
	9	10	276.63	147.22	46.56	10	301.04	139.07	43.98	10	300.63	127.26	40.24	3	292.77	13.97	8.07
300-Minute	1	10	114.71	69.03	21.83	10	192.11	247.18	78.17	10	103.34	34.56	10.93	3	136.72	48.30	27.89
	2	10	51.66	29.49	9.33	10	88.60	71.23	22.52	10	74.36	35.82	11.33	3	71.54	18.63	10.75
	3	10	41.47	16.59	5.25	10	31.37	10.93	3.46	10	36.37	12.93	4.09	3	36.40	5.05	2.92
	4	10	23.29	7.64	2.41	10	24.93	12.75	4.03	10	29.68	4.33	1.37	3	25.97	3.32	1.92
	5	10	29.98	18.13	5.73	10	28.67	15.22	4.81	10	35.87	14.61	4.62	3	31.51	3.84	2.22
	6	10	22.53	15.92	5.04	10	14.15	6.24	1.97	10	26.40	14.77	4.67	3	21.03	6.26	3.62
	7	10	75.35	48.24	15.25	10	58.78	46.43	14.68	10	84.25	39.76	12.57	3	72.80	12.93	7.46
	8	10	1.05	0.97	0.31	10	0.35	0.38	0.12	10	1.53	1.12	0.35	3	0.98	0.59	0.34
	9	10	261.13	102.63	32.45	10	355.29	328.77	103.97	10	280.02	52.24	16.52	3	298.81	49.81	28.76
600-Minute	1	10	78.33	33.55	10.61	10	42.36	20.99	6.64	10	46.97	16.24	5.13	3	55.89	19.57	11.30
	2	10	47.03	15.57	4.92	10	36.67	14.50	4.58	10	40.03	17.86	5.65	3	41.24	5.28	3.05
	3	10	26.11	7.12	2.25	10	22.72	9.39	2.97	10	24.47	6.14	1.94	3	24.43	1.69	0.98
	4	10	16.61	8.19	2.59	10	12.56	4.73	1.50	10	12.75	4.70	1.49	3	13.97	2.28	1.32
	5	10	21.57	7.18	2.27	10	24.25	17.29	5.47	10	15.24	6.40	2.02	3	20.35	4.63	2.67
	6	10	14.27	4.54	1.43	10	10.85	3.42	1.08	10	7.70	3.96	1.25	3	10.94	3.29	1.90
	7	10	50.56	22.91	7.25	10	31.68	16.23	5.13	10	20.57	9.64	3.05	3	34.27	15.16	8.75
	8	10	0.52	0.51	0.16	10	0.52	0.53	0.17	10	0.23	0.23	0.07	3	0.42	0.17	0.10
	9	10	189.64	57.05	18.04	10	132.75	43.54	13.77	10	139.46	27.72	8.77	3	153.95	31.09	17.95

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	103.19	45.17	14.28	10	101.98	58.82	18.60	10	87.32	57.57	18.20	3	97.50	8.83	5.10
	2	10	132.98	58.70	18.56	10	112.97	61.87	19.57	10	80.45	31.21	9.87	3	108.80	26.51	15.31
	3	10	169.43	70.54	22.31	10	146.59	71.80	22.71	10	117.26	47.24	14.94	3	144.43	26.15	15.10
	4	10	143.36	48.28	15.27	10	121.85	64.55	20.41	10	104.35	51.69	16.34	3	123.19	19.54	11.28
	5	10	205.65	65.37	20.67	10	222.87	99.16	31.36	10	187.57	122.53	38.75	3	205.36	17.65	10.19
	6	10	273.82	115.97	36.67	10	278.01	132.98	42.05	10	161.72	113.48	35.88	3	237.85	65.96	38.08
	7	10	1578.92	507.58	160.51	10	1510.49	816.39	258.17	10	954.71	644.89	203.93	3	1348.04	342.35	197.65
	8	10	24.10	12.42	3.93	10	24.37	16.24	5.14	10	19.02	18.60	5.88	3	22.50	3.01	1.74
	9	10	754.61	198.88	62.89	10	706.26	288.93	91.37	10	576.94	267.94	84.73	3	679.27	91.86	53.03
90-Minute	1	10	295.62	194.46	61.49	10	203.47	122.56	38.76	10	224.23	104.18	32.95	3	241.11	48.34	27.91
	2	10	99.27	51.24	16.20	10	107.47	37.27	11.79	10	94.25	39.44	12.47	3	100.33	6.67	3.85
	3	10	51.35	20.67	6.53	10	54.22	23.80	7.53	10	75.11	32.97	10.43	3	60.23	12.97	7.49
	4	10	81.36	115.87	36.64	10	36.53	16.86	5.33	10	48.81	39.95	12.63	3	55.57	23.17	13.38
	5	10	54.36	25.01	7.91	10	44.32	14.18	4.48	10	73.23	34.58	10.93	3	57.30	14.68	8.47
	6	10	56.55	19.75	6.25	10	38.94	26.69	8.44	10	68.30	44.50	14.07	3	54.60	14.77	8.53
	7	10	259.76	127.91	40.45	10	173.68	106.31	33.62	10	345.40	254.46	80.47	3	259.61	85.86	49.57
	8	10	6.85	7.07	2.23	10	5.85	4.50	1.42	10	7.13	5.21	1.65	3	6.61	0.67	0.39
	9	10	547.85	209.67	66.30	10	446.01	180.71	57.15	10	515.63	172.35	54.50	3	503.16	52.06	30.05
300-Minute	1	10	218.79	119.81	37.89	10	378.22	307.38	97.20	10	187.75	86.15	27.24	3	261.59	102.19	59.00
	2	10	112.58	41.54	13.14	10	190.91	115.50	36.53	10	134.94	49.59	15.68	3	146.14	40.35	23.30
	3	10	80.37	26.89	8.50	10	90.96	40.08	12.67	10	100.52	30.57	9.67	3	90.61	10.08	5.82
	4	10	93.22	33.89	10.72	10	77.72	48.19	15.24	10	120.74	60.23	19.05	3	97.23	21.79	12.58
	5	10	126.96	49.81	15.75	10	122.27	71.77	22.69	10	147.09	72.66	22.98	3	132.10	13.19	7.61
	6	10	113.11	37.20	11.76	10	108.59	87.69	27.73	10	158.44	94.79	29.98	3	126.71	27.57	15.92
	7	10	759.42	376.76	119.14	10	679.48	519.48	164.28	10	855.57	364.39	115.23	3	764.82	88.17	50.91
	8	10	14.80	8.65	2.74	10	11.60	9.40	2.97	10	13.22	7.92	2.51	3	13.21	1.60	0.92
	9	10	631.92	164.34	51.97	10	828.01	347.55	109.91	10	692.55	126.58	40.03	3	717.49	100.40	57.96
600-Minute	1	10	120.85	52.33	16.55	10	125.17	62.62	19.80	10	109.45	51.51	16.29	3	118.49	8.12	4.69
	2	10	86.87	44.72	14.14	10	73.62	45.34	14.34	10	77.98	28.45	9.00	3	79.49	6.75	3.90
	3	10	63.21	36.43	11.52	10	41.55	21.06	6.66	10	43.18	28.92	9.14	3	49.31	12.06	6.96
	4	10	70.48	55.67	17.60	10	57.58	40.98	12.96	10	26.52	21.74	6.87	3	51.52	22.60	13.05
	5	10	116.17	70.60	22.32	10	121.42	119.50	37.79	10	49.41	40.94	12.95	3	95.67	40.14	23.18
	6	10	103.33	61.87	19.57	10	65.32	39.65	12.54	10	41.35	46.35	14.66	3	70.00	31.25	18.04
	7	10	615.93	464.62	146.92	10	339.88	248.20	78.49	10	198.25	265.76	84.04	3	384.68	212.41	122.64
	8	10	11.08	7.77	2.46	10	7.41	6.61	2.09	10	4.03	6.16	1.95	3	7.51	3.53	2.04
	9	10	457.58	217.20	68.68	10	386.70	131.46	41.57	10	306.54	109.67	34.68	3	383.60	75.57	43.63

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 038D DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	89.49	41.47	13.11	10	76.54	21.15	6.69	10	118.09	131.03	41.44	3	94.71	21.26	12.28
	2	10	56.16	34.42	10.89	10	49.94	10.36	3.27	10	75.41	63.39	20.05	3	60.50	13.28	7.67
	3	10	67.54	39.53	12.50	10	73.03	32.14	10.16	10	88.48	88.50	27.99	3	76.35	10.86	6.27
	4	10	56.16	40.01	12.65	10	54.11	23.92	7.56	10	75.75	82.21	26.00	3	62.01	11.94	6.90
	5	10	83.90	94.20	29.79	10	67.85	29.79	9.42	10	91.75	127.16	40.21	3	81.17	12.18	7.03
	6	10	76.76	62.28	19.69	10	55.75	20.59	6.51	10	63.40	76.16	24.08	3	65.30	10.63	6.14
	7	10	270.13	392.71	124.19	10	154.06	40.18	12.70	10	220.97	396.32	125.33	3	215.05	58.26	33.64
	8	10	3.36	5.34	1.69	10	2.65	3.44	1.09	10	6.03	15.64	4.95	3	4.01	1.78	1.03
	9	10	353.26	225.00	71.15	10	321.47	80.13	25.34	10	449.48	476.44	150.66	3	374.74	66.65	38.48
90-Minute	1	10	359.72	277.96	87.90	10	240.84	134.70	42.60	10	202.25	84.25	26.64	3	267.60	82.08	47.39
	2	10	77.37	31.63	10.00	10	111.84	52.60	16.63	10	120.15	73.44	23.22	3	103.12	22.69	13.10
	3	10	49.46	22.48	7.11	10	50.15	31.18	9.86	10	53.56	16.09	5.09	3	51.06	2.20	1.27
	4	10	60.52	90.60	28.65	10	28.12	11.79	3.73	10	31.25	15.03	4.75	3	39.96	17.87	10.32
	5	10	38.97	27.08	8.56	10	35.71	15.20	4.81	10	30.43	10.60	3.35	3	35.04	4.31	2.49
	6	10	23.44	8.52	2.69	10	21.63	12.34	3.90	10	15.83	7.29	2.31	3	20.30	3.97	2.29
	7	10	70.91	40.93	12.94	10	57.24	38.53	12.19	10	51.63	27.27	8.62	3	59.92	9.92	5.73
	8	10	1.38	1.65	0.52	10	1.18	1.96	0.62	10	1.07	1.54	0.49	3	1.21	0.16	0.09
	9	10	558.68	275.14	87.01	10	466.67	186.09	58.85	10	437.64	149.38	47.24	3	487.66	63.19	36.49
300-Minute	1	10	286.61	187.12	59.17	10	427.52	340.71	107.74	10	203.37	118.14	37.36	3	305.84	113.30	65.42
	2	10	116.99	76.19	24.09	10	236.39	184.29	58.28	10	110.59	44.80	14.17	3	154.66	70.85	40.91
	3	10	51.17	14.58	4.61	10	61.72	28.49	9.01	10	62.89	30.08	9.51	3	58.59	6.46	3.73
	4	10	29.30	15.73	4.98	10	28.43	10.55	3.34	10	34.35	11.40	3.60	3	30.69	3.20	1.85
	5	10	37.92	11.91	3.77	10	40.09	16.95	5.36	10	47.71	13.60	4.30	3	41.91	5.14	2.97
	6	10	20.97	6.20	1.96	10	19.18	6.98	2.21	10	29.17	17.17	5.43	3	23.11	5.33	3.08
	7	10	61.16	33.45	10.58	10	65.08	58.27	18.43	10	92.19	31.47	9.95	3	72.81	16.90	9.76
	8	10	0.61	0.69	0.22	10	0.44	0.76	0.24	10	1.09	0.60	0.19	3	0.71	0.34	0.19
	9	10	521.99	257.74	81.50	10	754.43	501.77	158.67	10	462.40	112.26	35.50	3	579.61	154.31	89.09
600-Minute	1	10	139.55	75.86	23.99	10	127.51	64.43	20.38	10	130.45	79.95	25.28	3	132.50	6.28	3.62
	2	10	63.81	26.74	8.46	10	72.92	25.53	8.07	10	80.10	24.24	7.67	3	72.28	8.16	4.71
	3	10	33.76	10.23	3.23	10	30.12	11.46	3.62	10	35.71	12.01	3.80	3	33.20	2.84	1.64
	4	10	24.85	9.42	2.98	10	20.47	9.08	2.87	10	16.62	5.61	1.77	3	20.65	4.12	2.38
	5	10	29.92	9.73	3.08	10	43.70	55.60	17.58	10	24.40	8.40	2.66	3	32.67	9.94	5.74
	6	10	22.11	8.46	2.68	10	14.96	4.46	1.41	10	16.96	8.73	2.76	3	18.01	3.69	2.13
	7	10	69.12	28.20	8.92	10	42.50	12.32	3.90	10	40.91	19.08	6.04	3	50.84	15.85	9.15
	8	10	0.54	0.61	0.19	10	0.22	0.30	0.09	10	0.30	0.30	0.09	3	0.35	0.17	0.10
	9	10	291.90	94.88	30.00	10	276.70	84.05	26.58	10	287.27	102.53	32.42	3	285.29	7.79	4.50

Animal 122X

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	29.04	9.99	3.16	10	24.96	9.86	3.12	10	29.22	12.15	3.84	3	27.74	2.41	1.39
	2	10	20.66	5.07	1.60	10	21.19	6.84	2.16	10	22.59	6.39	2.02	3	21.48	1.00	0.58
	3	10	23.00	8.27	2.61	10	21.23	10.08	3.19	10	25.89	8.13	2.57	3	23.37	2.35	1.36
	4	10	14.94	6.34	2.01	10	14.88	4.12	1.30	10	10.86	3.75	1.19	3	13.56	2.34	1.35
	5	10	12.37	8.05	2.55	10	17.75	10.55	3.34	10	11.44	7.96	2.52	3	13.85	3.41	1.97
90-Minute	1	10	26.58	12.99	4.11	10	29.31	13.72	4.34	10	28.68	11.81	3.73	3	28.19	1.43	0.83
	2	10	22.53	13.89	4.39	10	24.31	13.34	4.22	10	17.59	5.48	1.73	3	21.48	3.48	2.01
	3	10	19.21	7.60	2.40	10	20.98	7.77	2.46	10	22.34	7.61	2.41	3	20.85	1.57	0.90
	4	10	14.75	7.48	2.36	10	10.55	4.68	1.48	10	15.37	5.34	1.69	3	13.56	2.62	1.51
	5	10	16.92	10.15	3.21	10	14.83	11.45	3.62	10	16.02	4.71	1.49	3	15.92	1.05	0.60
300-Minute	1	10	28.79	11.96	3.78	10	28.21	15.36	4.86	10	28.83	11.54	3.65	3	28.61	0.35	0.20
	2	10	26.71	10.40	3.29	10	22.62	4.96	1.57	10	21.82	6.15	1.94	3	23.72	2.63	1.52
	3	10	17.31	6.33	2.00	10	17.90	5.07	1.60	10	20.02	5.76	1.82	3	18.41	1.42	0.82
	4	10	13.11	5.26	1.66	10	13.25	4.64	1.47	10	11.29	2.51	0.79	3	12.55	1.09	0.63
	5	10	14.07	7.97	2.52	10	18.01	8.94	2.83	10	18.03	10.50	3.32	3	16.71	2.28	1.32
600-Minute	1	10	37.32	15.30	4.84	10	28.06	9.42	2.98	10	23.49	12.46	3.94	3	29.62	7.04	4.07
	2	10	24.26	6.55	2.07	10	25.71	11.50	3.64	10	24.02	8.60	2.72	3	24.67	0.92	0.53
	3	10	16.11	7.04	2.23	10	21.52	6.17	1.95	10	24.43	6.47	2.05	3	20.69	4.22	2.44
	4	10	8.48	3.94	1.24	10	11.60	4.84	1.53	10	12.41	4.66	1.47	3	10.83	2.07	1.20
	5	10	13.83	7.24	2.29	10	13.10	9.26	2.93	10	15.64	7.04	2.23	3	14.19	1.30	0.75

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	24.16	8.04	2.54	10	25.96	12.30	3.89	10	27.52	8.30	2.62	3	25.88	1.68	0.97
	2	10	20.86	8.66	2.74	10	19.90	5.23	1.65	10	20.84	5.31	1.68	3	20.53	0.55	0.32
	3	10	26.59	12.98	4.11	10	22.28	12.61	3.99	10	29.57	8.95	2.83	3	26.15	3.66	2.11
	4	10	15.95	6.21	1.96	10	17.70	5.81	1.84	10	11.26	4.04	1.28	3	14.97	3.33	1.92
	5	10	12.44	9.47	3.00	10	14.16	8.96	2.83	10	10.81	8.58	2.71	3	12.47	1.68	0.97
90-Minute	1	10	25.57	5.96	1.88	10	31.33	11.62	3.68	10	28.65	6.11	1.93	3	28.51	2.88	1.66
	2	10	25.59	13.61	4.30	10	20.12	7.38	2.33	10	19.34	7.29	2.31	3	21.68	3.41	1.97
	3	10	17.78	6.55	2.07	10	19.33	6.58	2.08	10	18.39	6.33	2.00	3	18.50	0.79	0.45
	4	10	14.67	4.87	1.54	10	13.86	8.72	2.76	10	20.34	4.39	1.39	3	16.29	3.53	2.04
	5	10	16.40	8.43	2.67	10	15.36	10.86	3.43	10	13.29	4.43	1.40	3	15.02	1.58	0.91
300-Minute	1	10	29.79	13.01	4.12	10	33.95	12.51	3.95	10	25.75	9.66	3.06	3	29.83	4.10	2.36
	2	10	22.46	9.29	2.94	10	16.68	8.97	2.84	10	25.35	8.14	2.57	3	21.49	4.42	2.55
	3	10	20.93	8.47	2.68	10	20.02	6.32	2.00	10	22.99	6.80	2.15	3	21.31	1.52	0.88
	4	10	13.89	7.19	2.27	10	16.24	6.99	2.21	10	12.07	2.59	0.82	3	14.07	2.09	1.21
	5	10	12.93	9.54	3.02	10	13.11	4.73	1.50	10	13.84	6.85	2.16	3	13.29	0.48	0.28
600-Minute	1	10	30.57	14.94	4.73	10	29.92	8.98	2.84	10	26.53	9.27	2.93	3	29.00	2.17	1.25
	2	10	27.77	7.59	2.40	10	29.68	9.31	2.94	10	25.39	6.88	2.18	3	27.61	2.15	1.24
	3	10	15.68	4.50	1.42	10	16.66	4.35	1.38	10	19.84	4.07	1.29	3	17.39	2.18	1.26
	4	10	12.19	5.40	1.71	10	12.11	5.39	1.70	10	14.44	5.47	1.73	3	12.92	1.32	0.76
	5	10	13.80	9.03	2.86	10	11.63	6.74	2.13	10	13.79	6.00	1.90	3	13.07	1.25	0.72

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	24.37	9.46	2.99	10	29.76	9.52	3.01	10	22.33	7.84	2.48	3	25.49	3.84	2.22
	2	10	21.14	10.56	3.34	10	22.24	4.84	1.53	10	25.16	6.44	2.04	3	22.84	2.08	1.20
	3	10	28.63	10.97	3.47	10	20.50	7.70	2.43	10	32.75	8.45	2.67	3	27.29	6.23	3.60
	4	10	18.85	10.29	3.26	10	17.05	5.28	1.67	10	10.94	4.73	1.49	3	15.61	4.15	2.39
	5	10	7.01	3.42	1.08	10	10.45	5.56	1.76	10	8.82	4.94	1.56	3	8.76	1.72	0.99
90-Minute	1	10	27.30	9.20	2.91	10	33.97	12.12	3.83	10	32.32	7.62	2.41	3	31.20	3.48	2.01
	2	10	26.26	8.68	2.74	10	24.57	9.97	3.15	10	23.93	7.57	2.39	3	24.92	1.21	0.70
	3	10	22.10	4.40	1.39	10	20.32	7.01	2.22	10	20.68	8.31	2.63	3	21.03	0.94	0.54
	4	10	13.36	3.53	1.12	10	11.32	3.58	1.13	10	11.63	4.93	1.56	3	12.10	1.10	0.63
	5	10	10.98	6.13	1.94	10	9.82	4.13	1.31	10	11.44	2.49	0.79	3	10.74	0.83	0.48
300-Minute	1	10	34.74	9.90	3.13	10	26.99	8.07	2.55	10	32.36	9.75	3.08	3	31.36	3.97	2.29
	2	10	30.02	7.81	2.47	10	24.93	7.72	2.44	10	23.34	6.48	2.05	3	26.10	3.49	2.02
	3	10	14.65	5.25	1.66	10	21.52	5.84	1.85	10	20.00	10.26	3.24	3	18.72	3.61	2.08
	4	10	12.13	3.89	1.23	10	14.36	5.91	1.87	10	12.76	4.22	1.33	3	13.08	1.15	0.66
	5	10	8.46	3.57	1.13	10	12.20	6.92	2.19	10	11.54	5.30	1.68	3	10.73	2.00	1.15
600-Minute	1	10	35.02	12.46	3.94	10	25.37	8.85	2.80	10	28.04	8.79	2.78	3	29.48	4.98	2.88
	2	10	25.28	4.35	1.38	10	27.63	5.97	1.89	10	27.35	8.60	2.72	3	26.75	1.28	0.74
	3	10	19.90	5.98	1.89	10	24.83	9.88	3.13	10	23.87	7.27	2.30	3	22.87	2.61	1.51
	4	10	10.12	3.74	1.18	10	12.88	4.24	1.34	10	11.95	3.24	1.02	3	11.65	1.40	0.81
	5	10	9.68	4.25	1.34	10	9.29	4.41	1.40	10	8.79	3.20	1.01	3	9.25	0.44	0.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	23.55	11.49	3.63	10	29.22	10.65	3.37	10	23.21	9.09	2.87	3	25.33	3.37	1.95
	2	10	20.91	12.03	3.80	10	18.77	5.81	1.84	10	24.49	5.73	1.81	3	21.39	2.89	1.67
	3	10	29.68	14.47	4.58	10	23.12	9.48	3.00	10	30.36	8.14	2.57	3	27.72	4.00	2.31
	4	10	15.99	7.55	2.39	10	16.70	5.26	1.66	10	12.64	5.42	1.72	3	15.11	2.17	1.25
	5	10	9.86	5.83	1.85	10	12.19	6.73	2.13	10	9.30	6.68	2.11	3	10.45	1.53	0.89
90-Minute	1	10	26.86	7.89	2.50	10	32.21	14.39	4.55	10	28.69	8.73	2.76	3	29.25	2.72	1.57
	2	10	20.29	6.77	2.14	10	23.19	7.63	2.41	10	22.36	6.17	1.95	3	21.94	1.49	0.86
	3	10	20.12	5.57	1.76	10	19.69	5.60	1.77	10	20.00	6.03	1.91	3	19.93	0.22	0.13
	4	10	14.35	3.94	1.25	10	13.29	3.52	1.11	10	15.68	6.62	2.09	3	14.44	1.20	0.69
	5	10	18.38	8.03	2.54	10	11.63	8.12	2.57	10	13.27	3.24	1.02	3	14.43	3.52	2.03
300-Minute	1	10	36.27	13.91	4.40	10	28.32	7.21	2.28	10	29.09	9.86	3.12	3	31.23	4.38	2.53
	2	10	24.52	7.37	2.33	10	22.29	9.21	2.91	10	21.15	8.64	2.73	3	22.65	1.71	0.99
	3	10	16.36	6.68	2.11	10	21.92	7.43	2.35	10	21.90	7.97	2.52	3	20.06	3.21	1.85
	4	10	10.87	3.80	1.20	10	13.10	5.98	1.89	10	15.23	5.43	1.72	3	13.07	2.18	1.26
	5	10	11.99	8.78	2.78	10	14.37	5.79	1.83	10	12.62	5.77	1.82	3	12.99	1.24	0.71
600-Minute	1	10	37.06	9.13	2.89	10	30.06	9.15	2.89	10	31.68	11.40	3.61	3	32.93	3.66	2.12
	2	10	23.98	8.61	2.72	10	25.63	5.42	1.72	10	24.48	6.93	2.19	3	24.70	0.85	0.49
	3	10	18.56	4.22	1.33	10	23.90	7.38	2.33	10	21.67	6.55	2.07	3	21.38	2.68	1.55
	4	10	10.97	4.43	1.40	10	12.21	4.93	1.56	10	13.39	4.25	1.34	3	12.19	1.21	0.70
	5	10	9.44	3.60	1.14	10	8.20	2.78	0.88	10	8.78	3.52	1.11	3	8.81	0.62	0.36

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.16	0.16	0.05	10	2.15	0.32	0.10	10	2.04	0.28	0.09	3	2.12	0.06	0.04
	2	10	5.59	0.38	0.12	10	5.69	0.35	0.11	10	5.75	0.31	0.10	3	5.68	0.08	0.05
	3	10	10.16	0.63	0.20	10	10.39	0.34	0.11	10	9.91	0.32	0.10	3	10.16	0.24	0.14
	4	10	14.99	0.50	0.16	10	15.06	0.35	0.11	10	14.96	0.34	0.11	3	15.00	0.05	0.03
	5	10	21.01	0.30	0.10	10	21.18	0.47	0.15	10	21.24	0.43	0.14	3	21.14	0.12	0.07
	9	10	8.96	1.65	0.52	10	9.96	1.85	0.59	10	8.50	1.98	0.63	3	9.14	0.75	0.43
90-Minute	1	10	1.98	0.27	0.09	10	2.08	0.20	0.06	10	2.01	0.21	0.07	3	2.02	0.05	0.03
	2	10	5.48	0.20	0.06	10	5.62	0.25	0.08	10	5.63	0.35	0.11	3	5.57	0.09	0.05
	3	10	10.14	0.64	0.20	10	9.83	0.43	0.14	10	10.23	0.49	0.15	3	10.07	0.21	0.12
	4	10	15.27	0.33	0.11	10	14.96	0.43	0.14	10	15.33	0.45	0.14	3	15.19	0.20	0.11
	5	10	21.33	0.55	0.17	10	21.08	0.45	0.14	10	20.86	0.42	0.13	3	21.09	0.23	0.13
	9	10	9.55	2.38	0.75	10	8.75	2.20	0.69	10	9.58	1.70	0.54	3	9.29	0.47	0.27
300-Minute	1	10	2.06	0.40	0.13	10	2.17	0.30	0.09	10	2.15	0.43	0.14	3	2.13	0.06	0.04
	2	10	5.56	0.47	0.15	10	5.56	0.41	0.13	10	5.62	0.26	0.08	3	5.58	0.04	0.02
	3	10	9.92	0.35	0.11	10	10.06	0.42	0.13	10	10.08	0.40	0.13	3	10.02	0.09	0.05
	4	10	15.17	0.40	0.13	10	14.86	0.34	0.11	10	15.04	0.26	0.08	3	15.02	0.16	0.09
	5	10	21.15	0.56	0.18	10	21.15	0.55	0.17	10	21.44	0.74	0.23	3	21.24	0.17	0.10
	9	10	8.77	1.64	0.52	10	9.48	2.34	0.74	10	9.45	2.05	0.65	3	9.23	0.40	0.23
600-Minute	1	10	2.03	0.26	0.08	10	2.18	0.28	0.09	10	2.13	0.32	0.10	3	2.11	0.07	0.04
	2	10	5.39	0.38	0.12	10	5.70	0.32	0.10	10	5.72	0.36	0.11	3	5.61	0.18	0.11
	3	10	10.09	0.64	0.20	10	9.93	0.56	0.18	10	10.07	0.31	0.10	3	10.03	0.09	0.05
	4	10	15.18	0.41	0.13	10	15.05	0.39	0.12	10	15.26	0.49	0.16	3	15.16	0.11	0.06
	5	10	21.23	0.40	0.13	10	21.38	0.42	0.13	10	21.07	0.56	0.18	3	21.22	0.16	0.09
	9	10	7.93	2.25	0.71	10	8.77	2.19	0.69	10	9.51	1.59	0.50	3	8.74	0.79	0.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.11	0.26	0.08	10	2.13	0.32	0.10	10	2.13	0.24	0.08	3	2.12	0.01	0.01
	2	10	5.91	0.48	0.15	10	5.44	0.21	0.07	10	5.66	0.33	0.10	3	5.67	0.23	0.13
	3	10	10.07	0.67	0.21	10	10.24	0.33	0.10	10	9.93	0.53	0.17	3	10.08	0.15	0.09
	4	10	15.16	0.43	0.14	10	15.09	0.57	0.18	10	14.99	0.48	0.15	3	15.08	0.08	0.05
	5	10	20.77	0.38	0.12	10	21.00	0.49	0.15	10	20.94	0.46	0.15	3	20.91	0.12	0.07
	9	10	9.42	1.30	0.41	10	9.56	1.61	0.51	10	8.67	1.59	0.50	3	9.22	0.48	0.28
90-Minute	1	10	2.16	0.34	0.11	10	2.20	0.32	0.10	10	2.01	0.25	0.08	3	2.12	0.10	0.06
	2	10	5.63	0.23	0.07	10	5.76	0.29	0.09	10	5.59	0.41	0.13	3	5.66	0.09	0.05
	3	10	10.03	0.45	0.14	10	10.27	0.53	0.17	10	10.28	0.50	0.16	3	10.19	0.14	0.08
	4	10	15.20	0.48	0.15	10	14.96	0.55	0.17	10	15.16	0.29	0.09	3	15.11	0.13	0.07
	5	10	21.26	0.38	0.12	10	21.15	0.61	0.19	10	20.93	0.39	0.12	3	21.11	0.17	0.10
	9	10	9.51	1.74	0.55	10	9.13	2.28	0.72	10	9.41	0.90	0.28	3	9.35	0.20	0.11
300-Minute	1	10	1.99	0.30	0.09	10	2.09	0.28	0.09	10	2.12	0.31	0.10	3	2.07	0.07	0.04
	2	10	5.70	0.45	0.14	10	5.69	0.33	0.11	10	5.59	0.41	0.13	3	5.66	0.06	0.03
	3	10	10.08	0.45	0.14	10	10.06	0.43	0.14	10	10.21	0.36	0.11	3	10.12	0.08	0.05
	4	10	15.27	0.45	0.14	10	15.19	0.27	0.08	10	14.98	0.32	0.10	3	15.15	0.15	0.09
	5	10	20.88	0.61	0.19	10	21.34	0.50	0.16	10	21.05	0.44	0.14	3	21.09	0.23	0.14
	9	10	8.79	2.56	0.81	10	8.87	1.75	0.55	10	9.00	1.52	0.48	3	8.89	0.11	0.06
600-Minute	1	10	2.18	0.27	0.08	10	2.12	0.18	0.06	10	2.25	0.29	0.09	3	2.18	0.06	0.04
	2	10	5.58	0.41	0.13	10	5.66	0.36	0.11	10	5.84	0.35	0.11	3	5.69	0.13	0.08
	3	10	9.84	0.35	0.11	10	10.09	0.55	0.18	10	9.95	0.44	0.14	3	9.96	0.13	0.07
	4	10	14.91	0.36	0.11	10	15.10	0.35	0.11	10	15.09	0.39	0.12	3	15.04	0.11	0.06
	5	10	21.20	0.60	0.19	10	21.00	0.47	0.15	10	20.90	0.45	0.14	3	21.03	0.16	0.09
	9	10	8.49	2.56	0.81	10	8.25	1.74	0.55	10	9.11	1.25	0.39	3	8.62	0.45	0.26

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.16	0.17	0.05	10	2.15	0.33	0.10	10	2.13	0.31	0.10	3	2.15	0.01	0.01
	2	10	5.73	0.28	0.09	10	5.45	0.31	0.10	10	5.57	0.23	0.07	3	5.58	0.14	0.08
	3	10	10.45	0.61	0.19	10	10.21	0.34	0.11	10	9.89	0.60	0.19	3	10.18	0.28	0.16
	4	10	14.77	0.67	0.21	10	14.86	0.67	0.21	10	14.96	0.48	0.15	3	14.86	0.10	0.06
	5	10	21.02	0.55	0.17	10	20.69	0.37	0.12	10	21.28	0.53	0.17	3	20.99	0.30	0.17
	9	10	8.99	1.36	0.43	10	8.64	1.04	0.33	10	8.62	1.29	0.41	3	8.75	0.21	0.12
90-Minute	1	10	2.24	0.23	0.07	10	2.23	0.27	0.08	10	2.08	0.28	0.09	3	2.18	0.09	0.05
	2	10	5.62	0.26	0.08	10	5.70	0.28	0.09	10	5.61	0.31	0.10	3	5.64	0.05	0.03
	3	10	10.03	0.48	0.15	10	9.66	0.51	0.16	10	9.99	0.35	0.11	3	9.90	0.20	0.12
	4	10	14.94	0.28	0.09	10	14.98	0.43	0.14	10	15.03	0.40	0.13	3	14.98	0.05	0.03
	5	10	20.99	0.39	0.12	10	21.12	0.46	0.14	10	20.98	0.65	0.21	3	21.03	0.08	0.04
	9	10	8.61	1.32	0.42	10	7.87	0.72	0.23	10	8.20	0.89	0.28	3	8.23	0.37	0.22
300-Minute	1	10	2.21	0.20	0.06	10	2.30	0.20	0.06	10	2.32	0.26	0.08	3	2.27	0.06	0.03
	2	10	5.47	0.37	0.12	10	5.60	0.31	0.10	10	5.40	0.31	0.10	3	5.49	0.10	0.06
	3	10	9.92	0.53	0.17	10	10.22	0.34	0.11	10	10.15	0.54	0.17	3	10.10	0.16	0.09
	4	10	15.25	0.31	0.10	10	15.06	0.30	0.09	10	14.93	0.52	0.16	3	15.08	0.16	0.09
	5	10	21.06	0.53	0.17	10	20.95	0.62	0.20	10	21.34	0.67	0.21	3	21.12	0.20	0.12
	9	10	7.47	1.20	0.38	10	8.93	1.70	0.54	10	8.41	1.26	0.40	3	8.27	0.74	0.43
600-Minute	1	10	2.25	0.20	0.06	10	2.28	0.23	0.07	10	2.27	0.25	0.08	3	2.27	0.02	0.01
	2	10	5.44	0.24	0.07	10	5.61	0.26	0.08	10	5.69	0.24	0.08	3	5.58	0.13	0.07
	3	10	9.85	0.33	0.10	10	9.89	0.45	0.14	10	10.08	0.34	0.11	3	9.94	0.12	0.07
	4	10	15.02	0.45	0.14	10	14.94	0.45	0.14	10	14.91	0.32	0.10	3	14.95	0.06	0.03
	5	10	21.21	0.53	0.17	10	21.22	0.62	0.20	10	21.26	0.56	0.18	3	21.23	0.03	0.01
	9	10	7.70	1.60	0.51	10	8.49	0.87	0.28	10	8.24	0.72	0.23	3	8.14	0.40	0.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.15	0.20	0.06	10	2.19	0.27	0.09	10	2.15	0.37	0.12	3	2.16	0.02	0.01
	2	10	5.63	0.25	0.08	10	5.39	0.27	0.08	10	5.65	0.22	0.07	3	5.56	0.14	0.08
	3	10	10.26	0.60	0.19	10	10.21	0.39	0.12	10	9.91	0.50	0.16	3	10.13	0.19	0.11
	4	10	14.92	0.52	0.17	10	14.96	0.59	0.19	10	14.92	0.53	0.17	3	14.93	0.02	0.01
	5	10	20.95	0.59	0.19	10	20.70	0.31	0.10	10	20.96	0.55	0.17	3	20.87	0.15	0.09
	9	10	9.21	1.45	0.46	10	9.03	1.34	0.42	10	8.73	1.53	0.48	3	8.99	0.24	0.14
90-Minute	1	10	2.15	0.17	0.05	10	2.18	0.30	0.09	10	2.28	0.23	0.07	3	2.21	0.07	0.04
	2	10	5.64	0.32	0.10	10	5.61	0.26	0.08	10	5.56	0.35	0.11	3	5.61	0.04	0.02
	3	10	10.16	0.37	0.12	10	9.78	0.52	0.16	10	10.06	0.32	0.10	3	10.00	0.19	0.11
	4	10	15.21	0.45	0.14	10	14.81	0.34	0.11	10	15.09	0.34	0.11	3	15.04	0.21	0.12
	5	10	21.06	0.36	0.11	10	21.10	0.57	0.18	10	20.90	0.58	0.18	3	21.02	0.11	0.06
	9	10	9.82	1.46	0.46	10	8.35	1.89	0.60	10	9.05	1.08	0.34	3	9.07	0.73	0.42
300-Minute	1	10	2.12	0.21	0.07	10	2.07	0.17	0.05	10	2.26	0.26	0.08	3	2.15	0.10	0.06
	2	10	5.52	0.43	0.14	10	5.66	0.33	0.10	10	5.47	0.33	0.10	3	5.55	0.10	0.06
	3	10	10.00	0.44	0.14	10	10.32	0.36	0.11	10	10.27	0.50	0.16	3	10.19	0.17	0.10
	4	10	15.00	0.34	0.11	10	15.16	0.61	0.19	10	15.03	0.51	0.16	3	15.06	0.09	0.05
	5	10	21.02	0.49	0.15	10	21.14	0.42	0.13	10	21.29	0.54	0.17	3	21.15	0.14	0.08
	9	10	7.90	1.94	0.61	10	9.12	1.73	0.55	10	9.03	1.52	0.48	3	8.68	0.68	0.39
600-Minute	1	10	2.20	0.24	0.07	10	2.31	0.18	0.06	10	2.18	0.20	0.06	3	2.23	0.07	0.04
	2	10	5.62	0.28	0.09	10	5.78	0.22	0.07	10	5.75	0.29	0.09	3	5.71	0.08	0.05
	3	10	9.88	0.36	0.11	10	9.86	0.35	0.11	10	10.02	0.29	0.09	3	9.92	0.09	0.05
	4	10	15.01	0.30	0.09	10	14.81	0.44	0.14	10	14.77	0.19	0.06	3	14.87	0.13	0.07
	5	10	21.28	0.32	0.10	10	21.00	0.54	0.17	10	21.15	0.57	0.18	3	21.14	0.14	0.08
	9	10	7.63	0.99	0.31	10	8.06	0.72	0.23	10	8.10	1.07	0.34	3	7.93	0.26	0.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.19	0.83	0.28	6	2.58	0.74	0.30	10	2.60	0.70	0.22	3	2.46	0.23	0.13
	2	10	5.75	1.09	0.34	10	5.90	1.07	0.34	9	5.83	0.87	0.29	3	5.83	0.08	0.04
	3	10	10.30	1.27	0.40	10	11.00	0.97	0.31	10	10.05	0.98	0.31	3	10.45	0.49	0.28
	4	10	15.50	1.39	0.44	10	15.40	1.17	0.37	10	14.95	1.17	0.37	3	15.28	0.29	0.17
	5	10	21.90	2.21	0.70	10	22.25	1.36	0.43	10	20.95	2.07	0.66	3	21.70	0.67	0.39
	9	10	7.05	4.85	1.53	10	7.55	7.33	2.32	10	6.20	3.92	1.24	3	6.93	0.68	0.39
90-Minute	1	9	2.28	0.62	0.21	9	2.28	0.67	0.22	9	1.89	0.49	0.16	3	2.15	0.22	0.13
	2	10	5.40	0.61	0.19	9	5.39	0.99	0.33	9	5.94	1.04	0.35	3	5.58	0.32	0.18
	3	10	10.35	1.70	0.54	10	9.90	1.17	0.37	10	10.40	1.39	0.44	3	10.22	0.28	0.16
	4	10	16.05	1.34	0.42	10	14.70	1.03	0.33	10	15.75	1.48	0.47	3	15.50	0.71	0.41
	5	10	22.55	1.38	0.44	10	22.10	1.81	0.57	10	21.90	1.45	0.46	3	22.18	0.33	0.19
	9	10	6.70	6.63	2.10	10	5.45	6.87	2.17	10	6.25	6.25	1.98	3	6.13	0.63	0.37
300-Minute	1	5	2.40	0.82	0.37	9	2.06	0.39	0.13	9	2.22	0.67	0.22	3	2.23	0.17	0.10
	2	9	6.06	1.10	0.37	8	6.37	0.88	0.31	10	6.35	0.82	0.26	3	6.26	0.18	0.10
	3	10	9.75	1.46	0.46	10	10.05	1.19	0.38	10	9.85	1.20	0.38	3	9.88	0.15	0.09
	4	10	15.50	1.27	0.40	10	14.85	1.08	0.34	10	15.20	1.11	0.35	3	15.18	0.33	0.19
	5	10	21.75	1.60	0.51	10	21.35	1.55	0.49	10	21.00	2.26	0.71	3	21.37	0.38	0.22
	9	10	6.50	6.05	1.91	10	4.55	2.40	0.76	10	6.10	7.03	2.22	3	5.72	1.03	0.59
600-Minute	1	9	2.33	0.50	0.17	9	2.22	0.67	0.22	9	2.17	0.35	0.12	3	2.24	0.08	0.05
	2	9	5.56	1.26	0.42	9	5.28	0.57	0.19	9	6.28	0.67	0.22	3	5.70	0.52	0.30
	3	9	10.72	0.79	0.26	10	10.05	1.07	0.34	10	10.30	0.79	0.25	3	10.36	0.34	0.20
	4	10	15.55	0.83	0.26	10	15.10	1.22	0.39	10	15.45	0.80	0.25	3	15.37	0.24	0.14
	5	10	22.10	1.54	0.49	10	21.60	1.63	0.52	10	21.45	2.11	0.67	3	21.72	0.34	0.20
	9	10	3.75	1.95	0.62	10	4.45	3.09	0.98	10	7.10	7.07	2.24	3	5.10	1.77	1.02

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.63	0.20	7	2.07	0.45	0.17	9	2.39	0.74	0.25	3	2.22	0.16	0.09
	2	10	6.00	0.75	0.24	9	5.22	0.71	0.24	9	5.94	1.29	0.43	3	5.72	0.43	0.25
	3	10	10.85	0.91	0.29	10	10.40	0.74	0.23	10	10.10	1.52	0.48	3	10.45	0.38	0.22
	4	10	14.90	1.43	0.45	10	15.20	1.21	0.38	9	15.72	1.28	0.43	3	15.27	0.42	0.24
	5	10	21.30	1.97	0.62	10	21.50	1.80	0.57	10	21.10	2.00	0.63	3	21.30	0.20	0.12
	9	10	5.55	3.50	1.11	10	6.15	6.19	1.96	10	5.90	4.20	1.33	3	5.87	0.30	0.17
90-Minute	1	9	2.17	0.75	0.25	10	2.40	0.74	0.23	7	2.50	0.82	0.31	3	2.36	0.17	0.10
	2	9	5.72	0.67	0.22	9	6.17	0.79	0.26	10	5.75	0.98	0.31	3	5.88	0.25	0.14
	3	10	10.15	1.63	0.52	10	10.75	1.11	0.35	10	10.80	1.30	0.41	3	10.57	0.36	0.21
	4	10	16.05	1.04	0.33	10	14.75	1.50	0.47	10	15.50	1.29	0.41	3	15.43	0.65	0.38
	5	10	20.95	1.62	0.51	10	21.55	1.57	0.50	10	20.35	1.51	0.48	3	20.95	0.60	0.35
	9	10	6.10	5.81	1.84	10	6.20	6.26	1.98	10	7.45	5.81	1.84	3	6.58	0.75	0.43
300-Minute	1	8	2.12	0.79	0.28	8	2.44	0.56	0.20	8	2.31	0.88	0.31	3	2.29	0.16	0.09
	2	7	5.86	1.28	0.48	9	6.11	0.82	0.27	10	5.80	1.03	0.33	3	5.92	0.17	0.10
	3	10	10.10	1.20	0.38	10	9.55	1.42	0.45	10	10.85	1.38	0.43	3	10.17	0.65	0.38
	4	10	15.60	1.58	0.50	10	15.00	0.71	0.22	10	15.30	1.34	0.42	3	15.30	0.30	0.17
	5	10	20.80	1.53	0.48	10	21.45	1.66	0.52	10	20.70	1.62	0.51	3	20.98	0.41	0.24
	9	10	5.85	4.15	1.31	10	5.15	3.50	1.11	10	5.60	5.65	1.79	3	5.53	0.35	0.20
600-Minute	1	10	2.25	0.59	0.19	9	2.33	0.61	0.20	9	2.39	0.82	0.27	3	2.32	0.07	0.04
	2	10	5.70	1.03	0.33	10	5.25	0.82	0.26	10	6.25	0.92	0.29	3	5.73	0.50	0.29
	3	10	9.95	1.38	0.44	10	10.80	1.58	0.50	10	10.50	0.91	0.29	3	10.42	0.43	0.25
	4	10	14.70	1.40	0.44	10	15.35	1.11	0.35	10	15.75	1.14	0.36	3	15.27	0.53	0.31
	5	10	21.20	1.74	0.55	10	21.65	1.90	0.60	10	20.85	1.49	0.47	3	21.23	0.40	0.23
	9	10	4.30	3.71	1.17	10	4.40	2.00	0.63	10	4.45	2.44	0.77	3	4.38	0.08	0.04

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.40	0.81	0.26	7	2.43	0.79	0.30	8	2.12	0.69	0.25	3	2.32	0.17	0.10
	2	10	6.30	0.89	0.28	10	5.70	1.06	0.33	10	5.85	0.94	0.30	3	5.95	0.31	0.18
	3	10	11.00	1.29	0.41	10	10.70	1.14	0.36	10	9.80	1.30	0.41	3	10.50	0.62	0.36
	4	10	15.70	1.53	0.48	10	14.85	1.43	0.45	10	15.55	1.40	0.44	3	15.37	0.45	0.26
	5	10	21.30	1.60	0.51	10	20.50	1.86	0.59	10	21.20	2.06	0.65	3	21.00	0.44	0.25
	9	10	6.35	4.31	1.36	10	5.10	4.13	1.31	10	7.20	2.96	0.94	3	6.22	1.06	0.61
90-Minute	1	8	2.25	0.60	0.21	10	2.15	0.58	0.18	9	2.22	0.71	0.24	3	2.21	0.05	0.03
	2	10	5.50	0.82	0.26	10	5.80	0.63	0.20	10	5.40	0.99	0.31	3	5.57	0.21	0.12
	3	10	10.55	1.72	0.54	10	9.60	1.20	0.38	10	10.20	1.09	0.34	3	10.12	0.48	0.28
	4	10	15.50	1.22	0.39	10	15.15	1.11	0.35	10	14.90	0.66	0.21	3	15.18	0.30	0.17
	5	10	20.25	1.18	0.37	10	21.45	2.07	0.66	10	21.40	1.88	0.60	3	21.03	0.68	0.39
	9	10	4.40	3.16	1.00	10	3.95	2.65	0.84	10	4.80	2.81	0.89	3	4.38	0.43	0.25
300-Minute	1	9	1.94	0.58	0.19	10	2.60	0.46	0.15	10	2.30	0.63	0.20	3	2.28	0.33	0.19
	2	10	5.55	0.90	0.28	10	5.95	0.86	0.27	8	5.94	0.56	0.20	3	5.81	0.23	0.13
	3	10	10.05	0.93	0.29	10	10.45	1.28	0.40	10	10.30	1.06	0.33	3	10.27	0.20	0.12
	4	10	15.35	1.06	0.33	10	14.85	0.71	0.22	9	15.61	1.32	0.44	3	15.27	0.39	0.22
	5	10	21.40	1.39	0.44	10	22.05	1.64	0.52	10	22.25	1.80	0.57	3	21.90	0.44	0.26
	9	10	3.35	2.22	0.70	10	4.25	3.47	1.10	10	3.30	2.19	0.69	3	3.63	0.53	0.31
600-Minute	1	9	2.56	0.73	0.24	10	2.40	0.57	0.18	9	2.11	0.42	0.14	3	2.36	0.23	0.13
	2	9	5.50	1.06	0.35	8	5.50	0.71	0.25	10	5.90	1.15	0.36	3	5.63	0.23	0.13
	3	9	9.72	1.03	0.34	10	10.05	0.93	0.29	10	10.30	1.01	0.32	3	10.02	0.29	0.17
	4	10	14.60	0.97	0.31	10	14.70	1.16	0.37	10	15.25	1.38	0.44	3	14.85	0.35	0.20
	5	10	22.10	1.82	0.58	10	21.15	2.22	0.70	10	21.65	2.06	0.65	3	21.63	0.48	0.27
	9	10	3.85	2.40	0.76	10	4.40	2.95	0.93	10	3.95	2.65	0.84	3	4.07	0.29	0.17

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.17	0.56	0.19	9	2.11	0.74	0.25	9	2.39	0.78	0.26	3	2.22	0.15	0.08
	2	10	6.55	1.12	0.35	9	6.39	0.86	0.29	10	5.50	0.94	0.30	3	6.15	0.57	0.33
	3	10	10.95	1.30	0.41	10	10.25	1.23	0.39	10	9.75	1.14	0.36	3	10.32	0.60	0.35
	4	10	15.55	1.50	0.47	10	15.00	1.65	0.52	10	15.25	1.53	0.48	3	15.27	0.28	0.16
	5	10	22.25	1.69	0.53	10	20.30	1.72	0.54	10	20.65	2.07	0.65	3	21.07	1.04	0.60
	9	10	8.35	5.35	1.69	10	4.90	4.34	1.37	10	7.70	2.37	0.75	3	6.98	1.83	1.06
90-Minute	1	10	2.00	0.41	0.13	10	2.25	0.68	0.21	9	2.50	0.79	0.26	3	2.25	0.25	0.14
	2	9	5.39	0.74	0.25	10	5.60	0.70	0.22	9	5.94	1.21	0.40	3	5.64	0.28	0.16
	3	10	11.25	0.92	0.29	8	10.38	0.35	0.13	10	10.10	1.15	0.36	3	10.58	0.60	0.35
	4	10	15.20	1.44	0.45	10	14.60	1.02	0.32	10	15.20	1.14	0.36	3	15.00	0.35	0.20
	5	10	21.55	2.03	0.64	10	21.55	1.96	0.62	10	20.50	2.05	0.65	3	21.20	0.61	0.35
	9	10	6.10	6.31	1.99	10	4.80	3.02	0.96	10	3.85	2.35	0.74	3	4.92	1.13	0.65
300-Minute	1	8	2.12	0.52	0.18	10	1.95	0.55	0.17	10	2.20	0.82	0.26	3	2.09	0.13	0.07
	2	10	5.80	1.03	0.33	10	5.85	0.58	0.18	9	6.11	1.08	0.36	3	5.92	0.17	0.10
	3	10	9.95	1.01	0.32	10	10.70	1.18	0.37	10	10.40	1.26	0.40	3	10.35	0.38	0.22
	4	10	14.45	0.93	0.29	10	15.40	1.20	0.38	10	15.50	0.62	0.20	3	15.12	0.58	0.33
	5	10	21.30	2.19	0.69	10	20.55	2.02	0.64	10	22.35	1.55	0.49	3	21.40	0.90	0.52
	9	10	3.35	2.36	0.75	10	3.55	3.65	1.15	10	3.60	3.48	1.10	3	3.50	0.13	0.08
600-Minute	1	9	2.33	0.66	0.22	10	2.60	0.52	0.16	10	2.10	0.52	0.16	3	2.34	0.25	0.14
	2	10	6.20	1.03	0.33	9	5.78	1.15	0.38	10	6.00	0.91	0.29	3	5.99	0.21	0.12
	3	10	9.85	1.03	0.33	10	10.50	1.20	0.38	10	10.40	1.13	0.36	3	10.25	0.35	0.20
	4	10	14.60	1.07	0.34	10	15.55	1.23	0.39	10	15.40	1.33	0.42	3	15.18	0.51	0.29
	5	10	21.10	1.60	0.50	10	21.75	2.20	0.70	10	22.15	1.45	0.46	3	21.67	0.53	0.31
	9	10	3.25	2.15	0.68	10	4.10	2.22	0.70	10	3.00	1.91	0.61	3	3.45	0.58	0.33

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	66.39	37.23	11.77	10	35.75	18.04	5.70	10	64.92	46.56	14.72	3	55.69	17.28	9.98
	2	10	45.31	19.83	6.27	10	35.08	28.92	9.14	10	47.28	25.51	8.07	3	42.56	6.55	3.78
	3	10	53.73	32.65	10.32	10	34.68	31.30	9.90	10	49.63	18.88	5.97	3	46.02	10.03	5.79
	4	10	33.42	23.15	7.32	10	21.45	11.35	3.59	10	20.75	8.08	2.56	3	25.21	7.12	4.11
	5	10	23.07	10.07	3.18	10	22.23	11.65	3.68	10	19.30	8.15	2.58	3	21.53	1.98	1.14
	6	10	11.05	6.35	2.01	10	10.62	4.81	1.52	10	7.91	3.84	1.21	3	9.86	1.71	0.98
	7	10	23.80	14.63	4.63	10	19.54	11.69	3.70	10	18.77	12.58	3.98	3	20.70	2.71	1.56
	8	10	0.21	0.21	0.07	10	0.17	0.21	0.07	10	0.14	0.35	0.11	3	0.17	0.04	0.02
	9	10	221.91	85.81	27.14	10	149.19	76.93	24.33	10	201.89	83.36	26.36	3	191.00	37.56	21.69
90-Minute	1	10	46.51	27.31	8.63	10	59.91	44.88	14.19	10	39.90	27.48	8.69	3	48.78	10.20	5.89
	2	10	41.09	33.18	10.49	10	59.96	76.29	24.12	10	23.40	10.35	3.27	3	41.49	18.28	10.55
	3	10	31.69	14.54	4.60	10	41.71	29.25	9.25	10	27.81	7.82	2.47	3	33.74	7.17	4.14
	4	10	25.05	16.21	5.13	10	17.25	5.66	1.79	10	19.31	6.44	2.04	3	20.54	4.04	2.33
	5	10	26.22	12.79	4.04	10	21.08	10.41	3.29	10	21.41	9.98	3.15	3	22.90	2.88	1.66
	6	10	13.64	7.56	2.39	10	10.42	7.26	2.29	10	11.17	2.34	0.74	3	11.74	1.68	0.97
	7	10	39.22	25.99	8.22	10	27.38	19.30	6.10	10	38.11	18.69	5.91	3	34.90	6.53	3.77
	8	10	0.40	0.65	0.21	10	0.23	0.39	0.12	10	0.66	0.66	0.21	3	0.43	0.21	0.12
	9	10	170.57	53.03	16.77	10	199.90	123.32	39.00	10	131.84	42.93	13.58	3	167.44	34.14	19.71
300-Minute	1	10	56.18	40.61	12.84	10	41.47	46.56	14.72	10	44.97	21.32	6.74	3	47.54	7.68	4.43
	2	10	50.20	31.02	9.81	10	27.87	11.39	3.60	10	35.32	20.78	6.57	3	37.80	11.37	6.56
	3	10	30.14	17.01	5.38	10	20.95	5.04	1.59	10	31.93	16.36	5.17	3	27.67	5.89	3.40
	4	10	21.66	8.78	2.78	10	14.93	3.33	1.05	10	17.79	8.01	2.53	3	18.13	3.38	1.95
	5	10	21.95	8.71	2.75	10	19.94	9.24	2.92	10	24.03	8.29	2.62	3	21.97	2.04	1.18
	6	10	10.72	6.71	2.12	10	8.60	2.96	0.94	10	12.78	5.74	1.82	3	10.70	2.09	1.21
	7	10	26.67	21.47	6.79	10	20.45	11.61	3.67	10	29.62	15.89	5.03	3	25.58	4.68	2.70
	8	10	0.19	0.23	0.07	10	0.15	0.20	0.06	10	0.21	0.27	0.09	3	0.18	0.03	0.02
	9	10	180.12	80.90	25.58	10	125.16	53.48	16.91	10	154.04	48.03	15.19	3	153.11	27.49	15.87
600-Minute	1	10	72.28	59.11	18.69	10	47.22	32.14	10.16	10	29.26	18.56	5.87	3	49.59	21.61	12.48
	2	10	43.90	29.44	9.31	10	48.18	45.23	14.30	10	29.19	12.26	3.88	3	40.42	9.96	5.75
	3	10	25.75	15.46	4.89	10	34.57	23.23	7.35	10	29.05	8.69	2.75	3	29.79	4.46	2.57
	4	10	12.48	3.42	1.08	10	15.68	3.99	1.26	10	14.58	4.77	1.51	3	14.25	1.62	0.94
	5	10	19.68	8.33	2.63	10	15.61	5.66	1.79	10	18.10	6.67	2.11	3	17.79	2.05	1.18
	6	10	11.40	3.81	1.20	10	8.70	3.29	1.04	10	11.13	5.15	1.63	3	10.41	1.49	0.86
	7	10	22.45	14.70	4.65	10	18.67	12.58	3.98	10	26.18	11.15	3.53	3	22.43	3.76	2.17
	8	10	0.24	0.39	0.12	10	0.07	0.14	0.05	10	0.09	0.09	0.03	3	0.13	0.09	0.05
	9	10	174.09	85.33	26.98	10	161.25	95.01	30.04	10	120.18	18.12	5.73	3	151.84	28.16	16.26

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	33.64	18.42	5.83	10	25.43	17.00	5.37	10	37.22	22.07	6.98	3	32.10	6.05	3.49
	2	10	28.99	15.04	4.76	10	22.05	13.73	4.34	10	27.11	15.54	4.91	3	26.05	3.59	2.07
	3	10	47.09	46.49	14.70	10	27.67	30.25	9.57	10	37.74	16.18	5.12	3	37.50	9.71	5.61
	4	10	23.31	13.91	4.40	10	17.87	10.05	3.18	10	13.30	4.76	1.51	3	18.16	5.01	2.89
	5	10	14.21	6.22	1.97	10	11.86	5.68	1.80	10	11.50	5.57	1.76	3	12.52	1.47	0.85
	6	10	6.22	2.36	0.75	10	5.41	1.80	0.57	10	4.47	2.36	0.75	3	5.37	0.87	0.50
	7	10	14.60	5.54	1.75	10	11.80	5.74	1.82	10	8.71	4.59	1.45	3	11.70	2.95	1.70
	8	10	0.12	0.12	0.04	10	0.12	0.14	0.04	10	0.09	0.14	0.04	3	0.11	0.02	0.01
	9	10	147.23	75.87	23.99	10	104.87	51.72	16.36	10	126.86	47.92	15.16	3	126.32	21.19	12.23
90-Minute	1	10	25.69	15.68	4.96	10	28.23	19.96	6.31	10	27.59	8.83	2.79	3	27.17	1.32	0.76
	2	10	32.79	44.13	13.96	10	17.74	10.50	3.32	10	17.91	6.77	2.14	3	22.81	8.64	4.99
	3	10	17.73	12.16	3.85	10	16.09	8.62	2.73	10	17.86	8.07	2.55	3	17.23	0.99	0.57
	4	10	12.79	4.89	1.55	10	10.57	5.93	1.88	10	19.89	6.89	2.18	3	14.41	4.87	2.81
	5	10	13.26	5.02	1.59	10	10.51	3.81	1.20	10	12.43	3.89	1.23	3	12.07	1.41	0.81
	6	10	6.17	1.90	0.60	10	6.13	2.81	0.89	10	5.92	3.47	1.10	3	6.07	0.13	0.08
	7	10	16.40	3.55	1.12	10	13.33	4.37	1.38	10	20.29	6.07	1.92	3	16.67	3.49	2.01
	8	10	0.20	0.12	0.04	10	0.14	0.13	0.04	10	0.39	0.37	0.12	3	0.25	0.13	0.08
	9	10	102.26	68.71	21.73	10	83.13	32.66	10.33	10	95.68	21.14	6.68	3	93.69	9.72	5.61
300-Minute	1	10	37.05	26.99	8.53	10	31.57	19.65	6.21	10	30.66	24.73	7.82	3	33.10	3.46	2.00
	2	10	25.49	17.87	5.65	10	17.94	19.74	6.24	10	28.22	18.94	5.99	3	23.88	5.32	3.07
	3	10	23.02	15.49	4.90	10	18.94	11.34	3.59	10	23.56	9.36	2.96	3	21.84	2.53	1.46
	4	10	14.61	9.27	2.93	10	14.18	8.44	2.67	10	13.02	6.38	2.02	3	13.94	0.82	0.47
	5	10	11.29	4.75	1.50	10	11.10	3.68	1.17	10	12.66	3.27	1.03	3	11.68	0.85	0.49
	6	10	5.57	1.51	0.48	10	3.56	0.71	0.22	10	7.21	1.80	0.57	3	5.45	1.83	1.06
	7	10	15.47	5.45	1.72	10	7.98	2.52	0.80	10	16.50	5.13	1.62	3	13.32	4.65	2.69
	8	10	0.12	0.11	0.04	10	0.09	0.08	0.02	10	0.13	0.12	0.04	3	0.11	0.02	0.01
	9	10	111.47	47.11	14.90	10	93.73	46.30	14.64	10	108.13	54.06	17.10	3	104.44	9.42	5.44
600-Minute	1	10	30.18	24.39	7.71	10	34.41	28.52	9.02	10	24.13	24.15	7.64	3	29.57	5.17	2.98
	2	10	24.87	11.61	3.67	10	36.35	39.71	12.56	10	19.70	8.36	2.64	3	26.97	8.52	4.92
	3	10	13.18	4.61	1.46	10	16.49	9.31	2.95	10	16.30	9.89	3.13	3	15.32	1.86	1.07
	4	10	9.59	2.77	0.88	10	10.90	4.56	1.44	10	11.30	5.11	1.62	3	10.60	0.89	0.51
	5	10	10.42	6.12	1.94	10	8.90	2.11	0.67	10	9.66	2.52	0.80	3	9.66	0.76	0.44
	6	10	4.94	2.28	0.72	10	4.23	1.73	0.55	10	4.66	1.80	0.57	3	4.61	0.35	0.20
	7	10	12.97	8.47	2.68	10	11.33	1.60	0.50	10	11.83	3.07	0.97	3	12.04	0.84	0.49
	8	10	0.10	0.13	0.04	10	0.08	0.11	0.04	10	0.18	0.12	0.04	3	0.12	0.05	0.03
	9	10	88.23	32.49	10.27	10	107.06	77.05	24.37	10	81.08	40.88	12.93	3	92.12	13.42	7.75

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	113.63	39.77	12.58	10	102.51	27.68	8.75	10	108.52	77.53	24.52	3	108.22	5.57	3.21
	2	10	102.82	60.90	19.26	10	87.39	53.74	16.99	10	119.43	67.59	21.37	3	103.21	16.03	9.25
	3	10	166.42	122.13	38.62	10	86.99	63.59	20.11	10	150.69	81.30	25.71	3	134.70	42.06	24.28
	4	10	97.83	74.77	23.64	10	71.38	51.62	16.32	10	43.31	13.32	4.21	3	70.84	27.26	15.74
	5	10	30.66	8.75	2.77	10	36.96	22.61	7.15	10	34.49	17.69	5.59	3	34.04	3.18	1.83
	6	10	21.15	10.05	3.18	10	18.68	6.04	1.91	10	14.49	7.48	2.37	3	18.10	3.36	1.94
	7	10	36.65	10.17	3.22	10	40.89	14.47	4.58	10	27.74	13.32	4.21	3	35.09	6.71	3.88
	8	10	0.22	0.24	0.08	10	0.24	0.24	0.08	10	0.19	0.42	0.13	3	0.22	0.02	0.01
	9	10	511.36	213.81	67.61	10	385.23	182.76	57.79	10	456.44	211.15	66.77	3	451.01	63.24	36.51
90-Minute	1	10	92.52	44.37	14.03	10	125.91	52.96	16.75	10	108.04	42.14	13.33	3	108.82	16.71	9.65
	2	10	90.08	44.73	14.14	10	95.38	63.28	20.01	10	78.98	30.88	9.76	3	88.15	8.37	4.83
	3	10	76.95	39.67	12.54	10	76.94	47.49	15.02	10	66.54	25.10	7.94	3	73.47	6.01	3.47
	4	10	44.20	18.09	5.72	10	39.73	10.55	3.34	10	36.53	14.28	4.52	3	40.15	3.85	2.22
	5	10	33.44	12.04	3.81	10	34.66	14.92	4.72	10	36.42	5.74	1.82	3	34.84	1.50	0.87
	6	10	21.31	9.72	3.07	10	17.33	5.36	1.69	10	20.19	8.26	2.61	3	19.61	2.05	1.18
	7	10	48.60	13.27	4.20	10	35.00	11.06	3.50	10	57.01	21.79	6.89	3	46.87	11.11	6.41
	8	10	0.39	0.32	0.10	10	0.35	0.33	0.10	10	0.81	0.82	0.26	3	0.51	0.25	0.15
	9	10	337.18	119.09	37.66	10	372.63	126.34	39.95	10	326.51	52.46	16.59	3	345.44	24.15	13.94
300-Minute	1	10	192.59	140.39	44.39	10	84.35	70.59	22.32	10	140.03	145.85	46.12	3	138.99	54.13	31.25
	2	10	153.68	90.19	28.52	10	75.62	49.56	15.67	10	109.72	117.69	37.22	3	113.01	39.14	22.59
	3	10	66.92	19.39	6.13	10	61.35	30.12	9.52	10	83.34	67.43	21.32	3	70.54	11.43	6.60
	4	10	56.55	18.71	5.92	10	37.70	14.34	4.54	10	46.19	21.30	6.74	3	46.81	9.44	5.45
	5	10	37.27	10.06	3.18	10	31.50	17.27	5.46	10	35.88	6.59	2.08	3	34.88	3.01	1.74
	6	10	18.76	6.78	2.14	10	20.48	8.07	2.55	10	20.42	8.79	2.78	3	19.89	0.97	0.56
	7	10	47.85	18.74	5.93	10	35.61	14.24	4.50	10	47.25	22.89	7.24	3	43.57	6.90	3.98
	8	10	0.34	0.19	0.06	10	0.13	0.15	0.05	10	0.29	0.28	0.09	3	0.25	0.11	0.06
	9	10	507.01	239.84	75.84	10	290.51	139.23	44.03	10	415.15	322.05	101.84	3	404.22	108.66	62.74
600-Minute	1	10	134.88	91.73	29.01	10	82.14	24.90	7.87	10	101.16	35.35	11.18	3	106.06	26.71	15.42
	2	10	92.44	46.03	14.56	10	97.42	40.32	12.75	10	101.32	44.15	13.96	3	97.06	4.45	2.57
	3	10	69.17	26.31	8.32	10	87.97	50.45	15.95	10	86.31	30.05	9.50	3	81.15	10.41	6.01
	4	10	33.48	12.78	4.04	10	43.69	19.16	6.06	10	42.53	12.04	3.81	3	39.90	5.59	3.23
	5	10	30.11	9.87	3.12	10	30.12	9.44	2.98	10	30.81	11.32	3.58	3	30.35	0.40	0.23
	6	10	19.12	9.77	3.09	10	19.76	8.26	2.61	10	22.14	10.69	3.38	3	20.34	1.59	0.92
	7	10	41.09	21.36	6.75	10	35.75	14.33	4.53	10	47.27	15.41	4.87	3	41.37	5.76	3.33
	8	10	0.26	0.28	0.09	10	0.21	0.24	0.08	10	0.35	0.29	0.09	3	0.27	0.07	0.04
	9	10	360.09	145.28	45.94	10	341.34	86.97	27.50	10	362.13	78.63	24.86	3	354.52	11.45	6.61

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	79.67	18.08	5.72	10	82.20	34.85	11.02	10	84.86	55.44	17.53	3	82.24	2.60	1.50
	2	10	75.31	36.99	11.70	10	58.66	40.03	12.66	10	86.29	50.83	16.07	3	73.42	13.91	8.03
	3	10	130.89	96.77	30.60	10	73.65	52.50	16.60	10	108.87	61.73	19.52	3	104.47	28.87	16.67
	4	10	66.79	47.80	15.11	10	52.76	38.93	12.31	10	38.86	14.37	4.54	3	52.80	13.97	8.06
	5	10	33.77	13.33	4.22	10	30.44	10.26	3.24	10	25.06	11.21	3.54	3	29.75	4.40	2.54
	6	10	19.43	9.86	3.12	10	14.19	5.72	1.81	10	12.61	6.24	1.97	3	15.41	3.57	2.06
	7	10	47.39	17.07	5.40	10	36.61	14.07	4.45	10	27.35	17.39	5.50	3	37.12	10.03	5.79
	8	10	0.51	0.34	0.11	10	0.45	0.30	0.09	10	0.28	0.54	0.17	3	0.41	0.12	0.07
	9	10	386.43	129.03	40.80	10	297.71	139.32	44.06	10	343.93	151.20	47.81	3	342.69	44.37	25.62
90-Minute	1	10	73.50	38.25	12.09	10	89.71	49.62	15.69	10	71.08	45.24	14.31	3	78.10	10.13	5.85
	2	10	52.30	19.14	6.05	10	65.50	39.92	12.62	10	51.22	16.12	5.10	3	56.34	7.95	4.59
	3	10	54.08	23.20	7.34	10	52.83	21.16	6.69	10	46.80	19.57	6.19	3	51.24	3.89	2.25
	4	10	36.76	11.88	3.76	10	34.34	9.33	2.95	10	36.12	16.49	5.22	3	35.74	1.25	0.72
	5	10	44.01	10.45	3.30	10	28.02	13.59	4.30	10	30.32	8.63	2.73	3	34.12	8.64	4.99
	6	10	23.71	8.08	2.55	10	15.69	5.96	1.88	10	15.90	2.96	0.94	3	18.43	4.57	2.64
	7	10	69.43	37.17	11.75	10	41.86	21.22	6.71	10	58.75	13.29	4.20	3	56.68	13.90	8.02
	8	10	0.67	0.31	0.10	10	0.54	0.61	0.19	10	0.64	0.47	0.15	3	0.61	0.07	0.04
	9	10	260.65	68.79	21.75	10	270.40	85.72	27.11	10	235.54	69.04	21.83	3	255.53	17.98	10.38
300-Minute	1	10	151.83	163.03	51.56	10	61.69	45.83	14.49	10	94.78	93.74	29.64	3	102.77	45.60	26.33
	2	10	88.68	44.49	14.07	10	53.28	56.65	17.92	10	84.82	115.33	36.47	3	75.59	19.42	11.21
	3	10	54.45	22.61	7.15	10	44.80	23.46	7.42	10	67.35	49.12	15.53	3	55.53	11.31	6.53
	4	10	35.85	10.58	3.35	10	24.14	12.32	3.90	10	38.77	13.12	4.15	3	32.92	7.74	4.47
	5	10	35.51	17.75	5.61	10	26.06	6.90	2.18	10	29.84	6.72	2.12	3	30.47	4.76	2.75
	6	10	14.95	5.96	1.88	10	13.84	2.61	0.83	10	15.62	5.44	1.72	3	14.81	0.90	0.52
	7	10	44.99	21.31	6.74	10	34.25	10.99	3.48	10	45.19	15.42	4.88	3	41.48	6.26	3.61
	8	10	0.60	0.41	0.13	10	0.23	0.24	0.08	10	0.57	0.44	0.14	3	0.47	0.20	0.12
	9	10	366.32	206.37	65.26	10	209.97	116.03	36.69	10	315.57	248.69	78.64	3	297.28	79.76	46.05
600-Minute	1	10	100.96	42.52	13.45	10	75.21	26.87	8.50	10	78.38	32.08	10.14	3	84.85	14.04	8.11
	2	10	64.98	33.36	10.55	10	73.53	58.17	18.40	10	62.26	29.37	9.29	3	66.92	5.88	3.40
	3	10	48.96	12.94	4.09	10	69.08	57.37	18.14	10	50.82	12.14	3.84	3	56.29	11.12	6.42
	4	10	27.83	10.22	3.23	10	30.13	11.45	3.62	10	33.04	13.64	4.31	3	30.33	2.61	1.51
	5	10	25.20	13.44	4.25	10	19.73	4.98	1.58	10	20.54	7.36	2.33	3	21.82	2.95	1.71
	6	10	16.35	8.76	2.77	10	16.56	4.96	1.57	10	15.92	5.11	1.61	3	16.28	0.33	0.19
	7	10	44.04	18.44	5.83	10	38.68	10.05	3.18	10	43.29	9.38	2.97	3	42.00	2.90	1.67
	8	10	0.66	0.51	0.16	10	0.55	0.29	0.09	10	0.45	0.26	0.08	3	0.55	0.10	0.06
	9	10	267.92	65.50	20.71	10	267.68	136.18	43.07	10	245.03	62.74	19.84	3	260.21	13.15	7.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	21.59	8.62	2.73	10	33.58	12.05	3.81	10	30.95	11.34	3.59	3	28.71	6.30	3.64
	2	10	22.42	14.01	4.43	10	25.63	8.29	2.62	10	23.87	12.60	3.99	3	23.97	1.61	0.93
	3	10	20.03	6.39	2.02	10	21.66	11.33	3.58	10	23.12	11.08	3.50	3	21.60	1.55	0.89
	4	10	12.89	6.09	1.93	10	9.81	6.22	1.97	10	10.62	4.11	1.30	3	11.11	1.60	0.92
	5	10	23.07	13.77	4.36	10	9.32	4.26	1.35	10	11.44	5.38	1.70	3	14.61	7.40	4.27
90-Minute	1	10	37.91	11.67	3.69	10	38.45	11.80	3.73	10	36.61	14.51	4.59	3	37.66	0.95	0.55
	2	10	17.42	6.03	1.91	10	25.07	9.84	3.11	10	33.82	8.83	2.79	3	25.44	8.21	4.74
	3	10	22.04	7.07	2.23	10	17.00	5.62	1.78	10	15.52	5.91	1.87	3	18.19	3.42	1.97
	4	10	9.84	4.39	1.39	10	7.85	1.83	0.58	10	7.50	3.95	1.25	3	8.40	1.26	0.73
	5	10	12.79	7.74	2.45	10	11.63	5.45	1.72	10	6.54	2.21	0.70	3	10.32	3.32	1.92
300-Minute	1	10	33.65	16.83	5.32	10	34.69	12.84	4.06	10	41.51	10.38	3.28	3	36.61	4.27	2.46
	2	10	19.52	7.71	2.44	10	21.21	9.48	3.00	10	24.29	7.01	2.22	3	21.68	2.42	1.40
	3	10	19.52	8.04	2.54	10	19.02	5.30	1.68	10	15.63	3.76	1.19	3	18.05	2.12	1.22
	4	10	10.57	5.24	1.66	10	11.94	4.26	1.35	10	10.04	3.31	1.05	3	10.85	0.98	0.57
	5	10	16.74	7.63	2.41	10	13.14	6.51	2.06	10	8.53	3.35	1.06	3	12.80	4.11	2.38
600-Minute	1	10	38.59	10.46	3.31	10	39.99	11.48	3.63	10	44.72	10.17	3.22	3	41.10	3.22	1.86
	2	10	20.59	5.76	1.82	10	26.58	9.78	3.09	10	26.22	9.94	3.14	3	24.46	3.36	1.94
	3	10	17.20	4.38	1.39	10	16.28	8.53	2.70	10	13.97	4.57	1.44	3	15.81	1.67	0.96
	4	10	10.62	4.48	1.42	10	8.68	3.27	1.03	10	6.86	3.67	1.16	3	8.72	1.88	1.08
	5	10	13.00	4.40	1.39	10	8.48	4.13	1.31	10	8.22	5.89	1.86	3	9.90	2.69	1.55

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	25.64	5.86	1.85	10	29.11	12.28	3.88	10	22.05	7.62	2.41	3	25.60	3.53	2.04
	2	10	23.47	12.02	3.80	10	28.13	8.68	2.75	10	27.66	4.63	1.47	3	26.42	2.57	1.48
	3	10	19.34	7.79	2.46	10	22.03	9.82	3.11	10	24.83	7.52	2.38	3	22.07	2.74	1.58
	4	10	13.64	5.57	1.76	10	9.97	3.95	1.25	10	13.26	5.33	1.69	3	12.29	2.02	1.17
	5	10	17.90	9.99	3.16	10	10.77	4.47	1.41	10	12.20	9.15	2.89	3	13.62	3.78	2.18
90-Minute	1	10	29.61	13.98	4.42	10	28.70	9.91	3.13	10	29.60	10.83	3.43	3	29.30	0.52	0.30
	2	10	27.25	7.44	2.35	10	26.32	10.93	3.46	10	36.04	8.54	2.70	3	29.87	5.37	3.10
	3	10	18.72	7.60	2.40	10	22.41	4.54	1.44	10	17.91	5.85	1.85	3	19.68	2.40	1.38
	4	10	10.81	4.85	1.53	10	11.13	6.87	2.17	10	8.70	3.54	1.12	3	10.21	1.32	0.76
	5	10	13.62	5.26	1.66	10	11.45	4.04	1.28	10	7.75	3.19	1.01	3	10.94	2.97	1.71
300-Minute	1	10	34.32	7.79	2.46	10	25.36	8.19	2.59	10	32.25	10.31	3.26	3	30.64	4.69	2.71
	2	10	24.77	10.28	3.25	10	28.23	10.82	3.42	10	27.07	3.89	1.23	3	26.69	1.76	1.02
	3	10	20.36	3.59	1.14	10	21.25	5.65	1.79	10	19.42	7.21	2.28	3	20.35	0.92	0.53
	4	10	10.51	3.23	1.02	10	12.91	3.87	1.22	10	10.32	2.58	0.82	3	11.25	1.44	0.83
	5	10	10.04	4.13	1.30	10	12.24	3.85	1.22	10	10.93	3.85	1.22	3	11.07	1.11	0.64
600-Minute	1	10	33.15	9.40	2.97	10	32.24	9.89	3.13	10	37.97	10.79	3.41	3	34.45	3.08	1.78
	2	10	27.16	4.71	1.49	10	28.19	6.68	2.11	10	22.88	9.81	3.10	3	26.08	2.81	1.62
	3	10	19.41	6.46	2.04	10	18.23	5.40	1.71	10	19.26	7.08	2.24	3	18.97	0.64	0.37
	4	10	11.06	2.27	0.72	10	12.03	3.97	1.25	10	10.18	4.41	1.39	3	11.09	0.93	0.53
	5	10	9.21	2.02	0.64	10	9.31	2.08	0.66	10	9.70	4.13	1.31	3	9.41	0.26	0.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	31.19	13.84	4.38	10	26.96	9.39	2.97	10	26.03	11.13	3.52	3	28.06	2.75	1.59
	2	10	22.16	14.50	4.58	10	30.78	14.14	4.47	10	24.95	10.92	3.45	3	25.96	4.39	2.54
	3	10	18.46	6.39	2.02	10	23.02	10.84	3.43	10	26.98	10.30	3.26	3	22.82	4.26	2.46
	4	10	13.11	6.11	1.93	10	10.40	6.21	1.96	10	12.21	5.53	1.75	3	11.91	1.38	0.80
	5	10	15.08	11.23	3.55	10	8.85	4.77	1.51	10	9.82	5.02	1.59	3	11.25	3.35	1.94
90-Minute	1	10	36.13	11.32	3.58	10	35.91	12.47	3.94	10	35.06	13.12	4.15	3	35.70	0.57	0.33
	2	10	20.69	5.55	1.76	10	25.70	5.52	1.74	10	34.87	6.26	1.98	3	27.09	7.19	4.15
	3	10	23.13	7.71	2.44	10	18.30	8.99	2.84	10	14.91	7.92	2.50	3	18.78	4.13	2.39
	4	10	10.99	4.69	1.48	10	11.01	4.08	1.29	10	8.14	2.79	0.88	3	10.05	1.65	0.95
	5	10	9.06	4.35	1.38	10	9.07	2.50	0.79	10	7.03	3.41	1.08	3	8.39	1.18	0.68
300-Minute	1	10	29.06	8.35	2.64	10	27.80	11.47	3.63	10	28.82	8.16	2.58	3	28.56	0.67	0.39
	2	10	24.17	5.01	1.58	10	25.00	6.53	2.07	10	26.79	11.63	3.68	3	25.32	1.34	0.77
	3	10	21.76	9.12	2.88	10	23.00	6.69	2.12	10	19.15	5.57	1.76	3	21.30	1.96	1.13
	4	10	12.23	3.12	0.99	10	12.14	3.89	1.23	10	13.28	4.73	1.50	3	12.55	0.63	0.37
	5	10	12.78	5.68	1.79	10	12.07	5.60	1.77	10	11.96	5.31	1.68	3	12.27	0.44	0.26
600-Minute	1	10	32.11	10.12	3.20	10	38.74	9.50	3.00	10	33.88	10.07	3.19	3	34.91	3.43	1.98
	2	10	24.28	6.34	2.00	10	22.48	8.03	2.54	10	31.75	10.00	3.16	3	26.17	4.92	2.84
	3	10	23.27	7.86	2.48	10	19.31	7.52	2.38	10	19.18	6.50	2.06	3	20.59	2.33	1.34
	4	10	10.66	4.51	1.43	10	9.98	3.81	1.21	10	7.53	3.69	1.17	3	9.39	1.65	0.95
	5	10	9.67	2.56	0.81	10	9.49	4.37	1.38	10	7.66	2.96	0.93	3	8.94	1.11	0.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	30.26	5.91	1.87	10	28.10	11.84	3.74	10	26.64	9.95	3.15	3	28.33	1.82	1.05
	2	10	24.30	8.30	2.62	10	30.67	12.18	3.85	10	22.25	10.55	3.34	3	25.74	4.39	2.53
	3	10	15.61	3.77	1.19	10	21.37	7.82	2.47	10	24.55	11.61	3.67	3	20.51	4.53	2.61
	4	10	14.41	6.96	2.20	10	10.75	5.54	1.75	10	15.12	7.81	2.47	3	13.43	2.34	1.35
	5	10	15.42	8.77	2.77	10	9.11	4.76	1.50	10	11.43	4.09	1.29	3	11.98	3.19	1.84
90-Minute	1	10	41.00	11.46	3.63	10	36.99	11.72	3.70	10	40.65	12.84	4.06	3	39.55	2.22	1.28
	2	10	17.80	5.20	1.65	10	24.01	4.57	1.44	10	33.86	11.54	3.65	3	25.22	8.10	4.68
	3	10	21.09	7.97	2.52	10	20.07	6.63	2.10	10	14.16	6.86	2.17	3	18.44	3.74	2.16
	4	10	11.73	5.19	1.64	10	9.65	3.79	1.20	10	6.74	3.07	0.97	3	9.37	2.50	1.45
	5	10	8.38	3.60	1.14	10	9.28	5.60	1.77	10	4.60	1.50	0.47	3	7.42	2.48	1.43
300-Minute	1	10	30.53	10.34	3.27	10	32.70	8.05	2.55	10	29.01	9.45	2.99	3	30.75	1.85	1.07
	2	10	25.01	7.89	2.50	10	24.35	5.84	1.85	10	28.84	12.16	3.84	3	26.07	2.42	1.40
	3	10	22.14	8.18	2.59	10	20.98	4.26	1.35	10	17.16	4.58	1.45	3	20.09	2.61	1.51
	4	10	13.02	5.34	1.69	10	13.01	6.37	2.02	10	14.54	8.08	2.56	3	13.52	0.88	0.51
	5	10	9.30	3.48	1.10	10	8.96	2.21	0.70	10	10.44	3.34	1.05	3	9.57	0.77	0.45
600-Minute	1	10	31.53	7.70	2.44	10	41.36	13.17	4.16	10	37.11	9.93	3.14	3	36.66	4.93	2.85
	2	10	25.01	5.73	1.81	10	21.62	9.50	3.00	10	31.96	10.52	3.33	3	26.20	5.27	3.04
	3	10	22.13	5.43	1.72	10	17.43	6.56	2.08	10	18.17	4.05	1.28	3	19.25	2.53	1.46
	4	10	10.93	3.76	1.19	10	10.54	4.76	1.50	10	5.79	1.40	0.44	3	9.09	2.86	1.65
	5	10	10.40	2.42	0.77	10	9.05	3.19	1.01	10	6.96	4.14	1.31	3	8.80	1.73	1.00

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.96	0.16	0.05	10	1.86	0.27	0.09	10	1.98	0.34	0.11	3	1.94	0.06	0.04
	2	10	5.63	0.28	0.09	10	5.63	0.36	0.11	10	5.90	0.39	0.12	3	5.72	0.15	0.09
	3	10	10.06	0.36	0.11	10	9.71	0.25	0.08	10	9.61	0.35	0.11	3	9.79	0.23	0.14
	4	10	15.09	0.42	0.13	10	15.07	0.51	0.16	10	14.97	0.45	0.14	3	15.04	0.07	0.04
	5	10	21.43	0.56	0.18	10	21.22	0.44	0.14	10	21.29	0.40	0.13	3	21.31	0.11	0.06
	9	10	10.61	2.72	0.86	10	7.61	1.16	0.37	10	8.25	0.75	0.24	3	8.83	1.58	0.91
90-Minute	1	10	1.89	0.18	0.06	10	2.03	0.25	0.08	10	2.08	0.17	0.05	3	2.00	0.10	0.06
	2	10	5.69	0.40	0.13	10	5.82	0.43	0.14	10	5.56	0.25	0.08	3	5.69	0.13	0.07
	3	10	9.85	0.47	0.15	10	9.95	0.41	0.13	10	9.95	0.31	0.10	3	9.92	0.06	0.03
	4	10	15.09	0.47	0.15	10	15.39	0.37	0.12	10	15.03	0.23	0.07	3	15.17	0.19	0.11
	5	10	21.10	0.33	0.10	10	21.30	0.58	0.18	10	21.19	0.60	0.19	3	21.20	0.10	0.06
	9	10	8.06	2.03	0.64	10	7.60	0.87	0.27	10	6.69	1.38	0.44	3	7.45	0.69	0.40
300-Minute	1	10	1.96	0.29	0.09	10	2.06	0.33	0.10	10	2.09	0.38	0.12	3	2.04	0.07	0.04
	2	10	5.68	0.33	0.10	10	5.58	0.33	0.11	10	5.70	0.38	0.12	3	5.65	0.06	0.04
	3	10	9.92	0.33	0.10	10	10.03	0.26	0.08	10	9.87	0.34	0.11	3	9.94	0.09	0.05
	4	10	15.36	0.35	0.11	10	15.16	0.38	0.12	10	15.01	0.29	0.09	3	15.18	0.17	0.10
	5	10	21.56	0.60	0.19	10	21.29	0.47	0.15	10	21.13	0.69	0.22	3	21.33	0.22	0.13
	9	10	8.95	2.12	0.67	10	8.37	1.65	0.52	10	7.08	1.02	0.32	3	8.13	0.96	0.55
600-Minute	1	10	1.86	0.14	0.05	10	2.09	0.21	0.07	10	1.97	0.27	0.09	3	1.97	0.12	0.07
	2	10	5.52	0.28	0.09	10	5.47	0.30	0.09	10	5.61	0.30	0.09	3	5.53	0.07	0.04
	3	10	10.32	0.44	0.14	10	9.76	0.37	0.12	10	9.90	0.33	0.10	3	9.99	0.29	0.17
	4	10	14.95	0.57	0.18	10	15.15	0.37	0.12	10	15.21	0.44	0.14	3	15.10	0.14	0.08
	5	10	21.26	0.70	0.22	10	20.82	0.70	0.22	10	21.32	0.63	0.20	3	21.13	0.27	0.16
	9	10	7.99	1.50	0.47	10	6.92	0.85	0.27	10	6.57	1.53	0.48	3	7.16	0.74	0.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.12	0.20	0.06	10	2.00	0.32	0.10	10	2.20	0.21	0.07	3	2.11	0.10	0.06
	2	10	5.65	0.29	0.09	10	5.63	0.47	0.15	10	5.87	0.30	0.09	3	5.72	0.13	0.08
	3	10	10.08	0.33	0.10	10	9.87	0.30	0.09	10	9.84	0.34	0.11	3	9.93	0.13	0.07
	4	10	15.20	0.51	0.16	10	15.15	0.52	0.16	10	15.12	0.34	0.11	3	15.15	0.04	0.02
	5	10	20.99	0.65	0.20	10	21.22	0.47	0.15	10	20.90	0.26	0.08	3	21.04	0.16	0.09
	9	10	9.65	1.43	0.45	10	8.16	1.17	0.37	10	9.12	1.54	0.49	3	8.98	0.76	0.44
90-Minute	1	10	2.12	0.26	0.08	10	2.24	0.32	0.10	10	2.10	0.24	0.08	3	2.15	0.08	0.05
	2	10	5.70	0.42	0.13	10	5.72	0.44	0.14	10	5.60	0.43	0.14	3	5.67	0.07	0.04
	3	10	9.86	0.39	0.12	10	9.96	0.52	0.16	10	9.85	0.54	0.17	3	9.89	0.06	0.04
	4	10	15.25	0.19	0.06	10	15.24	0.42	0.13	10	15.06	0.35	0.11	3	15.18	0.11	0.06
	5	10	20.99	0.34	0.11	10	20.93	0.63	0.20	10	21.12	0.43	0.14	3	21.01	0.10	0.06
	9	10	8.52	1.61	0.51	10	8.45	1.38	0.44	10	7.34	1.39	0.44	3	8.11	0.66	0.38
300-Minute	1	10	1.96	0.24	0.08	10	2.19	0.31	0.10	10	2.19	0.31	0.10	3	2.11	0.14	0.08
	2	10	5.73	0.27	0.09	10	5.61	0.45	0.14	10	5.82	0.38	0.12	3	5.72	0.11	0.06
	3	10	9.67	0.29	0.09	10	9.78	0.40	0.13	10	9.78	0.31	0.10	3	9.75	0.06	0.04
	4	10	15.14	0.29	0.09	10	15.13	0.31	0.10	10	15.12	0.33	0.10	3	15.13	0.01	0.00
	5	10	21.19	0.50	0.16	10	21.28	0.30	0.09	10	21.05	0.52	0.17	3	21.18	0.12	0.07
	9	10	7.77	0.83	0.26	10	8.77	1.19	0.37	10	8.05	1.24	0.39	3	8.20	0.52	0.30
600-Minute	1	10	2.15	0.24	0.08	10	2.21	0.23	0.07	10	2.08	0.30	0.10	3	2.15	0.06	0.04
	2	10	5.65	0.33	0.11	10	5.74	0.26	0.08	10	5.84	0.36	0.11	3	5.74	0.10	0.06
	3	10	10.10	0.44	0.14	10	9.76	0.35	0.11	10	9.89	0.48	0.15	3	9.91	0.17	0.10
	4	10	14.97	0.32	0.10	10	15.32	0.39	0.12	10	15.05	0.43	0.14	3	15.11	0.18	0.10
	5	10	20.92	0.55	0.18	10	20.82	0.43	0.14	10	21.28	0.20	0.06	3	21.01	0.24	0.14
	9	10	7.80	0.94	0.30	10	7.89	0.93	0.29	10	7.63	1.40	0.44	3	7.77	0.13	0.08

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.11	0.32	0.10	10	2.27	0.20	0.06	10	2.18	0.17	0.05	3	2.19	0.08	0.04
	2	10	5.73	0.42	0.13	10	5.78	0.33	0.10	10	5.80	0.50	0.16	3	5.77	0.04	0.02
	3	10	9.95	0.56	0.18	10	10.10	0.46	0.14	10	10.04	0.43	0.14	3	10.03	0.08	0.04
	4	10	15.18	0.61	0.19	10	15.00	0.31	0.10	10	15.02	0.40	0.13	3	15.07	0.10	0.06
	5	10	21.14	0.46	0.15	10	21.11	0.65	0.21	10	20.93	0.68	0.22	3	21.06	0.12	0.07
	9	10	8.91	2.21	0.70	10	8.15	1.51	0.48	10	8.59	1.29	0.41	3	8.55	0.38	0.22
90-Minute	1	10	1.94	0.25	0.08	10	2.21	0.33	0.10	10	2.17	0.15	0.05	3	2.11	0.15	0.09
	2	10	5.50	0.40	0.13	10	5.75	0.45	0.14	10	5.57	0.43	0.13	3	5.61	0.13	0.07
	3	10	10.04	0.50	0.16	10	9.88	0.35	0.11	10	9.95	0.32	0.10	3	9.96	0.08	0.04
	4	10	15.22	0.37	0.12	10	15.21	0.37	0.12	10	15.09	0.54	0.17	3	15.17	0.07	0.04
	5	10	21.15	0.44	0.14	10	21.03	0.43	0.14	10	21.31	0.53	0.17	3	21.16	0.14	0.08
	9	10	7.73	1.38	0.44	10	7.64	1.30	0.41	10	6.90	1.31	0.42	3	7.42	0.45	0.26
300-Minute	1	10	2.30	0.20	0.06	10	2.17	0.38	0.12	10	2.15	0.22	0.07	3	2.21	0.08	0.05
	2	10	5.54	0.48	0.15	10	5.40	0.36	0.11	10	5.58	0.29	0.09	3	5.50	0.10	0.06
	3	10	10.09	0.26	0.08	10	10.10	0.47	0.15	10	10.13	0.36	0.11	3	10.10	0.02	0.01
	4	10	14.97	0.35	0.11	10	15.02	0.37	0.12	10	15.00	0.28	0.09	3	15.00	0.03	0.02
	5	10	21.18	0.60	0.19	10	21.30	0.64	0.20	10	21.10	0.51	0.16	3	21.19	0.10	0.06
	9	10	8.75	0.78	0.25	10	8.69	1.57	0.50	10	8.55	1.25	0.39	3	8.66	0.10	0.06
600-Minute	1	10	2.18	0.33	0.10	10	2.11	0.29	0.09	10	2.12	0.22	0.07	3	2.13	0.04	0.02
	2	10	5.59	0.32	0.10	10	5.70	0.23	0.07	10	5.54	0.30	0.10	3	5.61	0.09	0.05
	3	10	9.93	0.37	0.12	10	9.71	0.45	0.14	10	10.01	0.36	0.11	3	9.88	0.15	0.09
	4	10	14.91	0.33	0.10	10	14.96	0.26	0.08	10	14.99	0.22	0.07	3	14.95	0.04	0.02
	5	10	21.25	0.33	0.10	10	21.20	0.65	0.20	10	21.42	0.39	0.12	3	21.29	0.11	0.07
	9	10	8.01	1.06	0.33	10	7.46	0.86	0.27	10	7.15	0.69	0.22	3	7.54	0.43	0.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.22	0.16	0.05	10	2.31	0.33	0.10	10	2.12	0.19	0.06	3	2.22	0.10	0.06
	2	10	5.66	0.38	0.12	10	5.78	0.34	0.11	10	5.73	0.48	0.15	3	5.72	0.06	0.04
	3	10	10.00	0.55	0.17	10	9.89	0.34	0.11	10	10.09	0.47	0.15	3	10.00	0.10	0.06
	4	10	14.97	0.38	0.12	10	14.94	0.51	0.16	10	15.21	0.40	0.13	3	15.04	0.14	0.08
	5	10	20.92	0.49	0.16	10	21.16	0.67	0.21	10	20.96	0.57	0.18	3	21.01	0.13	0.07
	9	10	8.96	1.43	0.45	10	8.06	1.59	0.50	10	8.98	1.44	0.46	3	8.67	0.52	0.30
90-Minute	1	10	1.92	0.23	0.07	10	1.96	0.35	0.11	10	2.09	0.18	0.06	3	1.99	0.09	0.05
	2	10	5.53	0.40	0.13	10	5.72	0.44	0.14	10	5.62	0.33	0.10	3	5.63	0.09	0.05
	3	10	10.15	0.66	0.21	10	9.77	0.38	0.12	10	10.02	0.44	0.14	3	9.98	0.19	0.11
	4	10	15.13	0.33	0.10	10	15.00	0.31	0.10	10	14.87	0.35	0.11	3	15.00	0.13	0.07
	5	10	21.08	0.63	0.20	10	21.08	0.42	0.13	10	21.19	0.43	0.13	3	21.12	0.07	0.04
	9	10	7.41	1.32	0.42	10	7.46	1.61	0.51	10	6.13	1.09	0.35	3	7.00	0.75	0.43
300-Minute	1	10	2.26	0.32	0.10	10	2.12	0.28	0.09	10	2.22	0.33	0.10	3	2.20	0.07	0.04
	2	10	5.64	0.37	0.12	10	5.40	0.38	0.12	10	5.47	0.35	0.11	3	5.50	0.12	0.07
	3	10	9.76	0.50	0.16	10	10.05	0.44	0.14	10	10.21	0.28	0.09	3	10.01	0.23	0.13
	4	10	14.97	0.35	0.11	10	14.87	0.28	0.09	10	15.16	0.40	0.13	3	15.00	0.15	0.09
	5	10	21.12	0.59	0.19	10	21.47	0.56	0.18	10	21.17	0.50	0.16	3	21.25	0.19	0.11
	9	10	8.15	1.03	0.33	10	7.97	1.12	0.36	10	8.38	1.37	0.43	3	8.17	0.20	0.12
600-Minute	1	10	2.25	0.13	0.04	10	2.05	0.30	0.09	10	2.18	0.28	0.09	3	2.16	0.10	0.06
	2	10	5.54	0.42	0.13	10	5.79	0.34	0.11	10	5.51	0.21	0.07	3	5.61	0.16	0.09
	3	10	10.03	0.32	0.10	10	9.72	0.44	0.14	10	9.87	0.38	0.12	3	9.87	0.15	0.09
	4	10	14.91	0.33	0.11	10	14.94	0.43	0.14	10	14.86	0.27	0.08	3	14.90	0.04	0.02
	5	10	21.14	0.53	0.17	10	21.33	0.37	0.12	10	21.41	0.73	0.23	3	21.29	0.14	0.08
	9	10	8.13	0.92	0.29	10	7.26	0.96	0.30	10	6.72	0.79	0.25	3	7.37	0.71	0.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.11	0.86	0.29	5	2.70	0.76	0.34	8	2.25	0.53	0.19	3	2.35	0.31	0.18
	2	10	5.50	0.78	0.25	10	6.25	0.92	0.29	9	6.17	0.90	0.30	3	5.97	0.41	0.24
	3	10	10.25	1.30	0.41	9	9.44	0.85	0.28	10	9.75	1.38	0.44	3	9.81	0.41	0.23
	4	10	15.20	1.14	0.36	10	15.75	1.16	0.37	9	15.06	1.26	0.42	3	15.34	0.37	0.21
	5	9	22.39	1.64	0.55	10	21.55	1.32	0.42	10	22.65	1.80	0.57	3	22.20	0.57	0.33
	9	10	9.25	7.83	2.48	10	6.30	2.58	0.82	10	6.50	5.95	1.88	3	7.35	1.65	0.95
90-Minute	1	8	2.19	0.59	0.21	9	2.11	0.86	0.29	10	2.05	0.44	0.14	3	2.12	0.07	0.04
	2	8	5.87	0.83	0.30	9	5.94	0.88	0.29	10	5.80	0.86	0.27	3	5.87	0.07	0.04
	3	10	10.10	1.26	0.40	10	9.55	0.98	0.31	10	10.65	1.47	0.47	3	10.10	0.55	0.32
	4	10	15.80	0.95	0.30	10	15.85	1.27	0.40	10	15.25	1.23	0.39	3	15.63	0.33	0.19
	5	10	21.75	1.70	0.54	10	22.60	1.78	0.56	10	22.25	1.44	0.45	3	22.20	0.43	0.25
	9	10	4.10	3.48	1.10	10	3.70	2.12	0.67	10	3.60	2.08	0.66	3	3.80	0.26	0.15
300-Minute	1	7	2.00	0.87	0.33	8	2.37	0.95	0.34	8	2.44	0.62	0.22	3	2.27	0.24	0.14
	2	9	6.33	0.75	0.25	10	6.10	0.74	0.23	10	6.50	0.97	0.31	3	6.31	0.20	0.12
	3	10	9.80	1.21	0.38	10	10.30	1.38	0.44	10	10.15	1.00	0.32	3	10.08	0.26	0.15
	4	9	16.28	1.23	0.41	10	15.95	1.21	0.38	10	14.55	1.28	0.40	3	15.59	0.92	0.53
	5	10	22.80	2.32	0.73	10	22.25	2.16	0.68	10	20.90	1.87	0.59	3	21.98	0.98	0.56
	9	10	5.45	7.19	2.27	10	3.40	1.79	0.57	10	3.95	2.19	0.69	3	4.27	1.06	0.61
600-Minute	1	7	2.93	0.61	0.23	7	1.93	0.61	0.23	7	2.29	0.70	0.26	3	2.38	0.51	0.29
	2	9	5.44	0.77	0.26	9	5.61	0.82	0.27	10	6.10	0.88	0.28	3	5.72	0.34	0.20
	3	10	11.45	0.96	0.30	10	9.60	0.97	0.31	10	10.25	1.03	0.33	3	10.43	0.94	0.54
	4	8	15.31	1.33	0.47	10	15.15	1.33	0.42	10	15.65	1.08	0.34	3	15.37	0.26	0.15
	5	10	22.00	1.70	0.54	10	20.25	1.84	0.58	10	21.30	1.89	0.60	3	21.18	0.88	0.51
	9	10	5.20	2.38	0.75	10	4.70	3.68	1.16	10	5.55	6.40	2.02	3	5.15	0.43	0.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.28	0.83	0.28	7	2.57	0.79	0.30	9	2.17	0.71	0.24	3	2.34	0.21	0.12
	2	10	5.90	0.97	0.31	10	6.10	1.13	0.36	10	6.25	0.75	0.24	3	6.08	0.18	0.10
	3	10	10.50	1.53	0.48	10	10.05	1.12	0.35	10	9.80	1.25	0.40	3	10.12	0.35	0.20
	4	10	15.75	1.34	0.42	8	15.81	0.84	0.30	10	15.75	1.14	0.36	3	15.77	0.04	0.02
	5	10	21.85	1.92	0.61	10	21.75	2.32	0.74	10	21.80	1.87	0.59	3	21.80	0.05	0.03
	9	10	6.30	6.18	1.96	10	6.25	3.51	1.11	10	7.10	5.35	1.69	3	6.55	0.48	0.28
90-Minute	1	8	2.31	0.65	0.23	9	1.89	0.55	0.18	8	1.94	0.50	0.18	3	2.05	0.23	0.13
	2	10	6.45	1.12	0.35	9	5.78	1.12	0.37	10	6.25	1.23	0.39	3	6.16	0.35	0.20
	3	10	10.80	0.79	0.25	10	10.90	1.43	0.45	10	10.50	1.27	0.40	3	10.73	0.21	0.12
	4	9	15.67	1.06	0.35	10	16.05	1.12	0.35	9	15.94	1.36	0.45	3	15.89	0.20	0.11
	5	10	20.30	2.04	0.65	10	21.48	1.76	0.56	10	21.05	1.94	0.61	3	20.94	0.59	0.34
	9	10	5.50	2.37	0.75	10	4.05	2.70	0.85	10	3.95	2.31	0.73	3	4.50	0.87	0.50
300-Minute	1	7	1.86	0.56	0.21	10	2.40	0.74	0.23	9	2.56	0.73	0.24	3	2.27	0.37	0.21
	2	10	6.00	1.05	0.33	9	6.39	1.05	0.35	10	6.05	0.98	0.31	3	6.15	0.21	0.12
	3	10	9.50	1.15	0.37	10	9.80	1.30	0.41	10	9.85	1.08	0.34	3	9.72	0.19	0.11
	4	10	15.05	1.17	0.37	10	15.45	0.90	0.28	10	15.60	1.33	0.42	3	15.37	0.28	0.16
	5	10	22.30	1.92	0.61	10	21.50	1.67	0.53	10	21.25	1.96	0.62	3	21.68	0.55	0.32
	9	10	3.50	2.37	0.75	10	4.55	3.00	0.95	10	4.75	2.49	0.79	3	4.27	0.67	0.39
600-Minute	1	9	2.28	0.44	0.15	10	2.35	0.67	0.21	9	2.11	0.49	0.16	3	2.25	0.12	0.07
	2	10	5.90	1.15	0.36	10	6.25	0.89	0.28	10	5.80	1.18	0.37	3	5.98	0.24	0.14
	3	10	10.75	1.32	0.42	10	10.15	1.36	0.43	10	10.90	1.17	0.37	3	10.60	0.40	0.23
	4	10	15.30	1.09	0.34	10	16.10	1.22	0.39	10	15.25	1.44	0.45	3	15.55	0.48	0.28
	5	9	20.78	1.84	0.61	10	21.60	2.16	0.68	10	21.75	1.64	0.52	3	21.38	0.52	0.30
	9	10	3.80	1.92	0.61	10	3.45	1.99	0.63	10	3.15	2.73	0.86	3	3.47	0.33	0.19

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.25	0.60	0.21	8	2.37	0.74	0.26	10	2.20	0.42	0.13	3	2.27	0.09	0.05
	2	8	6.00	1.13	0.40	10	6.30	1.14	0.36	10	6.20	0.95	0.30	3	6.17	0.15	0.09
	3	9	10.61	0.99	0.33	10	10.90	1.41	0.45	9	10.28	1.39	0.46	3	10.60	0.31	0.18
	4	10	15.50	1.25	0.39	10	15.10	1.13	0.36	9	15.17	1.06	0.35	3	15.26	0.21	0.12
	5	10	21.20	1.77	0.56	10	21.45	1.89	0.60	10	21.20	2.29	0.72	3	21.28	0.14	0.08
	9	10	5.10	5.58	1.76	10	6.15	3.19	1.01	10	5.30	3.06	0.97	3	5.52	0.56	0.32
90-Minute	1	8	1.94	0.56	0.20	9	2.61	0.74	0.25	10	2.10	0.61	0.19	3	2.22	0.35	0.20
	2	10	5.70	1.09	0.34	10	6.85	0.78	0.25	10	5.95	0.69	0.22	3	6.17	0.60	0.35
	3	10	10.85	1.31	0.42	10	10.70	0.95	0.30	10	9.75	0.68	0.21	3	10.43	0.60	0.34
	4	10	15.25	1.11	0.35	10	15.40	1.70	0.54	10	15.65	1.68	0.53	3	15.43	0.20	0.12
	5	10	21.65	1.63	0.52	10	21.80	1.97	0.62	10	21.30	1.69	0.53	3	21.58	0.26	0.15
	9	10	3.65	2.97	0.94	10	3.45	1.80	0.57	10	3.75	1.93	0.61	3	3.62	0.15	0.09
300-Minute	1	8	2.75	0.60	0.21	7	2.14	0.94	0.36	8	2.00	0.46	0.16	3	2.30	0.40	0.23
	2	9	6.06	1.07	0.36	10	5.40	1.17	0.37	10	5.95	1.32	0.42	3	5.80	0.35	0.20
	3	10	10.00	0.94	0.30	9	10.50	1.39	0.46	10	10.75	1.16	0.37	3	10.42	0.38	0.22
	4	10	15.05	1.04	0.33	10	15.85	1.23	0.39	10	15.60	0.99	0.31	3	15.50	0.41	0.24
	5	10	21.55	1.91	0.60	10	21.90	2.00	0.63	10	20.35	1.87	0.59	3	21.27	0.81	0.47
	9	10	4.35	2.57	0.81	10	4.10	3.20	1.01	10	4.25	2.54	0.80	3	4.23	0.13	0.07
600-Minute	1	10	2.50	0.78	0.25	10	2.05	0.72	0.23	9	2.00	0.56	0.19	3	2.18	0.28	0.16
	2	10	5.65	0.75	0.24	8	5.56	0.90	0.32	9	5.39	1.08	0.36	3	5.53	0.13	0.08
	3	10	9.90	1.22	0.39	10	9.60	1.15	0.36	10	10.50	1.05	0.33	3	10.00	0.46	0.26
	4	9	14.61	0.86	0.29	10	14.85	1.00	0.32	10	15.50	1.22	0.39	3	14.99	0.46	0.27
	5	10	20.80	1.92	0.61	10	21.70	2.11	0.67	10	22.40	1.94	0.61	3	21.63	0.80	0.46
	9	10	4.40	3.15	1.00	10	3.20	2.74	0.87	10	2.95	1.46	0.46	3	3.52	0.78	0.45

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.39	0.55	0.18	8	2.87	0.64	0.23	9	2.28	0.67	0.22	3	2.51	0.32	0.18
	2	9	6.06	0.98	0.33	10	6.00	1.08	0.34	10	6.05	0.96	0.30	3	6.04	0.03	0.02
	3	10	9.95	1.14	0.36	10	10.40	1.37	0.43	10	10.40	1.52	0.48	3	10.25	0.26	0.15
	4	10	14.90	1.31	0.41	10	15.35	1.45	0.46	10	15.55	0.96	0.30	3	15.27	0.33	0.19
	5	10	21.05	1.82	0.57	10	21.40	1.63	0.52	10	20.65	1.43	0.45	3	21.03	0.38	0.22
	9	10	4.45	3.65	1.15	10	6.20	3.24	1.03	10	6.15	4.09	1.29	3	5.60	1.00	0.58
90-Minute	1	8	2.75	0.60	0.21	7	2.07	0.73	0.28	9	2.17	0.66	0.22	3	2.33	0.37	0.21
	2	10	5.80	1.06	0.33	10	6.25	0.98	0.31	10	5.70	0.92	0.29	3	5.92	0.29	0.17
	3	10	10.55	1.62	0.51	10	10.15	1.06	0.33	10	10.45	1.21	0.38	3	10.38	0.21	0.12
	4	10	15.80	1.27	0.40	10	14.85	1.40	0.44	10	15.30	1.38	0.44	3	15.32	0.48	0.27
	5	10	21.15	2.07	0.65	10	21.20	1.60	0.51	10	21.60	1.26	0.40	3	21.32	0.25	0.14
	9	10	4.90	3.00	0.95	10	3.85	2.20	0.70	10	3.05	1.48	0.47	3	3.93	0.93	0.54
300-Minute	1	7	2.71	0.76	0.29	9	2.28	0.67	0.22	9	2.56	0.46	0.15	3	2.52	0.22	0.13
	2	10	5.80	0.95	0.30	10	5.20	1.03	0.33	10	5.75	1.16	0.37	3	5.58	0.33	0.19
	3	9	9.83	1.12	0.37	10	10.15	1.27	0.40	10	10.45	1.09	0.35	3	10.14	0.31	0.18
	4	10	15.00	1.31	0.41	10	14.90	1.13	0.36	10	15.55	1.17	0.37	3	15.15	0.35	0.20
	5	10	20.95	2.42	0.77	10	22.40	1.98	0.63	10	21.15	2.14	0.68	3	21.50	0.79	0.45
	9	10	4.90	2.54	0.80	10	4.00	2.84	0.90	10	4.90	3.75	1.19	3	4.60	0.52	0.30
600-Minute	1	10	2.25	0.68	0.21	9	2.22	0.87	0.29	7	2.43	0.79	0.30	3	2.30	0.11	0.06
	2	10	5.65	0.75	0.24	9	6.06	0.95	0.32	10	5.50	0.78	0.25	3	5.74	0.29	0.17
	3	10	10.05	1.36	0.43	10	10.15	1.20	0.38	10	10.15	1.00	0.32	3	10.12	0.06	0.03
	4	10	15.10	0.81	0.26	10	15.65	1.42	0.45	10	15.40	1.39	0.44	3	15.38	0.28	0.16
	5	10	20.90	1.51	0.48	10	22.45	1.19	0.38	10	21.70	1.96	0.62	3	21.68	0.78	0.45
	9	10	3.35	2.43	0.77	10	3.40	2.33	0.74	10	3.20	1.44	0.45	3	3.32	0.10	0.06

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	34.72	19.92	6.30	10	50.09	23.57	7.45	10	48.60	22.68	7.17	3	44.47	8.47	4.89
	2	10	36.35	27.87	8.81	10	37.82	13.66	4.32	10	37.94	23.20	7.34	3	37.37	0.89	0.51
	3	10	30.96	14.79	4.68	10	35.40	27.13	8.58	10	39.05	25.16	7.96	3	35.14	4.05	2.34
	4	10	19.96	12.75	4.03	10	13.80	8.03	2.54	10	15.43	3.06	0.97	3	16.40	3.19	1.84
	5	10	33.35	21.77	6.89	10	12.89	4.91	1.55	10	17.74	9.74	3.08	3	21.33	10.69	6.17
	6	10	14.35	11.24	3.55	10	9.61	8.92	2.82	10	7.09	3.26	1.03	3	10.35	3.69	2.13
	7	10	23.74	16.05	5.08	10	11.42	3.96	1.25	10	10.77	4.78	1.51	3	15.31	7.31	4.22
	8	10	0.31	0.30	0.09	10	0.04	0.08	0.03	10	0.04	0.14	0.04	3	0.13	0.16	0.09
	9	10	155.34	46.28	14.64	10	149.99	40.61	12.84	10	158.76	45.38	14.35	3	154.70	4.42	2.55
90-Minute	1	10	79.86	33.57	10.62	10	81.31	35.03	11.08	10	72.57	46.89	14.83	3	77.91	4.68	2.70
	2	10	36.66	16.38	5.18	10	52.22	23.05	7.29	10	62.85	24.32	7.69	3	50.58	13.17	7.60
	3	10	45.81	21.49	6.79	10	34.31	11.74	3.71	10	27.44	10.15	3.21	3	35.85	9.28	5.36
	4	10	18.60	5.36	1.70	10	16.64	6.65	2.10	10	12.72	5.42	1.71	3	15.99	2.99	1.73
	5	10	23.37	8.79	2.78	10	24.41	14.85	4.70	10	11.84	4.73	1.50	3	19.87	6.98	4.03
	6	10	13.01	9.88	3.12	10	12.81	6.87	2.17	10	6.35	2.76	0.87	3	10.73	3.79	2.19
	7	10	40.30	32.97	10.42	10	63.82	41.41	13.10	10	25.33	10.47	3.31	3	43.15	19.40	11.20
	8	10	1.14	1.25	0.39	10	2.86	2.94	0.93	10	1.05	0.91	0.29	3	1.68	1.02	0.59
	9	10	204.30	45.19	14.29	10	208.89	52.49	16.60	10	187.42	62.06	19.63	3	200.20	11.31	6.53
300-Minute	1	10	51.48	38.97	12.32	10	36.25	16.48	5.21	10	63.05	30.36	9.60	3	50.26	13.44	7.76
	2	10	27.17	15.48	4.89	10	24.46	20.35	6.43	10	33.90	9.54	3.02	3	28.51	4.86	2.81
	3	10	26.64	11.78	3.73	10	21.29	11.94	3.78	10	21.68	2.51	0.79	3	23.20	2.98	1.72
	4	10	13.77	6.73	2.13	10	12.28	4.83	1.53	10	14.38	5.10	1.61	3	13.48	1.08	0.63
	5	10	22.03	8.77	2.77	10	13.09	6.34	2.00	10	12.52	5.89	1.86	3	15.88	5.33	3.08
	6	10	12.17	5.58	1.76	10	10.41	4.64	1.47	10	8.31	4.96	1.57	3	10.30	1.93	1.12
	7	10	36.53	24.70	7.81	10	29.81	18.75	5.93	10	29.74	19.38	6.13	3	32.03	3.90	2.25
	8	10	0.52	0.49	0.15	10	0.90	1.71	0.54	10	0.86	0.92	0.29	3	0.76	0.21	0.12
	9	10	141.09	42.18	13.34	10	107.37	40.76	12.89	10	145.54	36.84	11.65	3	131.33	20.87	12.05
600-Minute	1	10	34.20	20.01	6.33	10	42.92	14.61	4.62	10	57.09	24.14	7.63	3	44.74	11.55	6.67
	2	10	17.40	8.15	2.58	10	29.98	15.54	4.91	10	36.63	27.11	8.57	3	28.00	9.77	5.64
	3	10	14.02	6.11	1.93	10	19.74	17.25	5.45	10	17.76	9.60	3.03	3	17.17	2.91	1.68
	4	10	8.05	2.58	0.82	10	8.82	1.91	0.60	10	7.44	1.71	0.54	3	8.10	0.69	0.40
	5	10	9.95	2.13	0.67	10	8.50	3.01	0.95	10	8.51	3.62	1.14	3	8.99	0.84	0.48
	6	10	6.88	3.44	1.09	10	5.73	1.51	0.48	10	5.06	3.28	1.04	3	5.89	0.92	0.53
	7	10	10.56	3.28	1.04	10	9.32	3.01	0.95	10	9.01	6.73	2.13	3	9.63	0.82	0.47
	8	10	0.00	0.00	0.00	10	0.04	0.10	0.03	10	16.10	50.68	16.03	3	5.38	9.28	5.36
	9	10	83.62	29.71	9.39	10	109.95	31.01	9.81	10	127.43	51.85	16.39	3	107.00	22.05	12.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	29.96	10.02	3.17	10	32.04	18.84	5.96	10	26.65	14.33	4.53	3	29.55	2.72	1.57
	2	10	30.12	22.56	7.13	10	33.45	21.22	6.71	10	33.53	15.55	4.92	3	32.37	1.94	1.12
	3	10	25.66	20.01	6.33	10	28.98	26.30	8.32	10	31.07	16.93	5.35	3	28.57	2.73	1.57
	4	10	16.96	10.39	3.29	10	11.03	6.07	1.92	10	14.28	4.45	1.41	3	14.09	2.97	1.71
	5	10	19.00	10.81	3.42	10	10.65	2.79	0.88	10	12.16	4.81	1.52	3	13.94	4.45	2.57
	6	10	6.95	1.81	0.57	10	6.19	2.14	0.68	10	5.59	2.00	0.63	3	6.24	0.68	0.39
	7	10	18.03	5.50	1.74	10	13.56	2.45	0.77	10	12.19	4.34	1.37	3	14.59	3.05	1.76
	8	10	0.24	0.15	0.05	10	0.11	0.12	0.04	10	0.14	0.17	0.05	3	0.16	0.07	0.04
	9	10	121.70	45.46	14.37	10	116.15	64.48	20.39	10	117.67	42.38	13.40	3	118.51	2.87	1.66
90-Minute	1	10	49.25	23.86	7.54	10	45.58	25.74	8.14	10	52.97	28.80	9.11	3	49.27	3.70	2.13
	2	10	46.01	15.75	4.98	10	39.71	20.42	6.46	10	62.56	27.97	8.84	3	49.43	11.80	6.81
	3	10	31.43	14.41	4.56	10	33.70	10.61	3.36	10	31.96	19.32	6.11	3	32.36	1.19	0.69
	4	10	17.91	8.43	2.66	10	16.25	9.94	3.14	10	15.88	12.84	4.06	3	16.68	1.08	0.62
	5	10	22.81	10.21	3.23	10	16.38	4.01	1.27	10	14.09	10.23	3.24	3	17.76	4.52	2.61
	6	10	13.22	6.00	1.90	10	9.79	4.02	1.27	10	11.14	15.54	4.91	3	11.38	1.73	1.00
	7	10	51.06	33.67	10.65	10	41.89	19.38	6.13	10	53.57	89.87	28.42	3	48.84	6.15	3.55
	8	10	1.87	1.39	0.44	10	1.66	1.11	0.35	10	1.98	3.28	1.04	3	1.84	0.16	0.10
	9	10	167.41	26.56	8.40	10	151.62	40.85	12.92	10	177.46	84.08	26.59	3	165.49	13.03	7.52
300-Minute	1	10	42.25	16.43	5.20	10	23.82	10.04	3.17	10	40.45	18.98	6.00	3	35.51	10.16	5.87
	2	10	32.79	25.02	7.91	10	28.89	23.19	7.33	10	33.90	9.29	2.94	3	31.86	2.63	1.52
	3	10	26.26	15.22	4.81	10	20.00	7.00	2.22	10	25.19	12.55	3.97	3	23.82	3.35	1.94
	4	10	12.09	3.57	1.13	10	11.60	2.71	0.86	10	13.23	5.38	1.70	3	12.31	0.84	0.48
	5	10	11.09	3.66	1.16	10	10.94	2.25	0.71	10	13.59	5.82	1.84	3	11.87	1.49	0.86
	6	10	9.75	3.81	1.20	10	7.97	2.26	0.72	10	7.50	2.95	0.93	3	8.41	1.19	0.69
	7	10	20.84	17.20	5.44	10	21.90	10.02	3.17	10	21.08	9.63	3.04	3	21.27	0.56	0.32
	8	10	0.43	0.47	0.15	10	0.58	0.72	0.23	10	0.70	0.56	0.18	3	0.57	0.13	0.08
	9	10	124.48	49.58	15.68	10	95.25	30.19	9.55	10	126.37	34.66	10.96	3	115.37	17.44	10.07
600-Minute	1	10	27.84	11.97	3.78	10	27.75	13.96	4.41	10	33.15	16.54	5.23	3	29.58	3.09	1.78
	2	10	22.97	10.50	3.32	10	23.50	8.42	2.66	10	20.20	12.77	4.04	3	22.22	1.77	1.02
	3	10	15.09	3.88	1.23	10	14.65	4.49	1.42	10	14.73	4.23	1.34	3	14.83	0.24	0.14
	4	10	8.84	2.20	0.70	10	9.60	2.70	0.85	10	7.78	3.22	1.02	3	8.74	0.91	0.53
	5	10	7.28	1.66	0.52	10	7.65	2.21	0.70	10	7.16	1.54	0.49	3	7.36	0.26	0.15
	6	10	5.35	2.88	0.91	10	4.14	1.14	0.36	10	4.17	1.36	0.43	3	4.55	0.69	0.40
	7	10	11.72	4.28	1.35	10	10.49	2.18	0.69	10	9.95	3.24	1.02	3	10.72	0.91	0.52
	8	10	0.11	0.16	0.05	10	0.05	0.13	0.04	10	7.86	24.82	7.85	3	2.68	4.49	2.59
	9	10	82.03	24.16	7.64	10	83.15	21.13	6.68	10	83.02	29.29	9.26	3	82.73	0.62	0.36

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	61.97	29.17	9.23	10	61.56	20.37	6.44	10	55.44	23.43	7.41	3	59.66	3.66	2.11
	2	10	46.38	41.63	13.17	10	79.91	60.12	19.01	10	56.79	32.03	10.13	3	61.03	17.17	9.91
	3	10	39.94	23.32	7.37	10	57.02	38.19	12.08	10	59.46	35.01	11.07	3	52.14	10.63	6.14
	4	10	26.93	16.66	5.27	10	22.64	12.58	3.98	10	26.19	13.03	4.12	3	25.25	2.29	1.32
	5	10	28.51	23.45	7.42	10	18.88	8.92	2.82	10	19.59	7.65	2.42	3	22.33	5.36	3.10
	6	10	16.75	8.72	2.76	10	11.71	4.74	1.50	10	12.75	6.32	2.00	3	13.74	2.66	1.53
	7	10	35.96	16.78	5.31	10	25.07	11.24	3.55	10	25.05	6.60	2.09	3	28.69	6.30	3.63
	8	10	0.54	0.48	0.15	10	0.15	0.23	0.07	10	0.17	0.28	0.09	3	0.29	0.22	0.13
	9	10	203.73	59.06	18.68	10	240.03	85.27	26.97	10	217.47	61.57	19.47	3	220.41	18.33	10.58
90-Minute	1	10	100.77	35.16	11.12	10	124.29	54.93	17.37	10	107.21	44.50	14.07	3	110.76	12.15	7.02
	2	10	61.03	31.10	9.83	10	87.67	37.68	11.91	10	105.98	22.53	7.12	3	84.89	22.60	13.05
	3	10	64.75	24.51	7.75	10	57.98	22.43	7.09	10	48.09	34.17	10.81	3	56.94	8.38	4.84
	4	10	30.73	14.73	4.66	10	35.94	14.09	4.46	10	25.25	10.98	3.47	3	30.64	5.34	3.09
	5	10	26.91	17.91	5.66	10	30.69	14.88	4.71	10	21.19	10.32	3.26	3	26.26	4.79	2.76
	6	10	23.03	12.32	3.89	10	21.81	8.44	2.67	10	13.23	7.63	2.41	3	19.36	5.34	3.08
	7	10	66.66	50.98	16.12	10	93.81	55.32	17.49	10	50.75	35.44	11.21	3	70.40	21.77	12.57
	8	10	1.75	1.94	0.61	10	5.50	7.66	2.42	10	1.91	1.70	0.54	3	3.05	2.12	1.23
	9	10	284.18	84.01	26.57	10	336.58	92.15	29.14	10	307.72	62.53	19.77	3	309.49	26.24	15.15
300-Minute	1	10	60.31	23.84	7.54	10	56.34	31.67	10.02	10	59.28	22.70	7.18	3	58.64	2.06	1.19
	2	10	50.87	20.41	6.45	10	47.68	17.32	5.48	10	57.55	37.29	11.79	3	52.03	5.04	2.91
	3	10	46.71	27.36	8.65	10	44.36	16.69	5.28	10	38.66	13.48	4.26	3	43.24	4.14	2.39
	4	10	25.08	8.45	2.67	10	23.20	8.83	2.79	10	25.60	7.53	2.38	3	24.63	1.26	0.73
	5	10	24.88	9.36	2.96	10	23.55	15.63	4.94	10	23.14	8.80	2.78	3	23.86	0.91	0.53
	6	10	14.98	4.64	1.47	10	14.57	7.91	2.50	10	14.18	5.38	1.70	3	14.58	0.40	0.23
	7	10	44.48	19.09	6.04	10	49.49	35.57	11.25	10	39.88	18.03	5.70	3	44.61	4.80	2.77
	8	10	0.76	1.20	0.38	10	1.47	2.37	0.75	10	0.76	0.76	0.24	3	1.00	0.41	0.24
	9	10	207.85	61.79	19.54	10	195.13	57.94	18.32	10	204.23	53.85	17.03	3	202.40	6.56	3.78
600-Minute	1	10	46.89	15.76	4.98	10	73.85	19.12	6.05	10	64.98	25.81	8.16	3	61.91	13.74	7.93
	2	10	37.26	14.59	4.61	10	43.58	18.78	5.94	10	60.87	22.20	7.02	3	47.24	12.22	7.06
	3	10	35.00	14.73	4.66	10	39.33	22.60	7.15	10	37.38	17.74	5.61	3	37.23	2.17	1.25
	4	10	15.68	6.06	1.92	10	20.38	11.65	3.68	10	13.72	5.42	1.71	3	16.59	3.42	1.98
	5	10	14.28	4.56	1.44	10	17.13	6.35	2.01	10	13.83	3.76	1.19	3	15.08	1.79	1.03
	6	10	12.56	2.78	0.88	10	10.17	2.43	0.77	10	8.37	3.42	1.08	3	10.37	2.10	1.21
	7	10	29.10	5.08	1.61	10	16.82	3.00	0.95	10	17.73	5.76	1.82	3	21.22	6.84	3.95
	8	10	0.17	0.24	0.08	10	0.03	0.07	0.02	10	23.77	74.89	23.68	3	7.99	13.66	7.89
	9	10	149.11	29.97	9.48	10	194.27	48.08	15.20	10	190.78	42.13	13.32	3	178.05	25.13	14.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	71.12	22.85	7.23	10	76.16	33.02	10.44	10	57.48	27.37	8.66	3	68.25	9.67	5.58
	2	10	59.55	31.20	9.87	10	85.10	40.27	12.73	10	47.86	25.18	7.96	3	64.17	19.05	11.00
	3	10	38.08	16.63	5.26	10	56.15	15.43	4.88	10	53.78	31.91	10.09	3	49.34	9.82	5.67
	4	10	34.75	20.42	6.46	10	28.92	15.29	4.83	10	31.35	16.32	5.16	3	31.67	2.93	1.69
	5	10	33.73	17.86	5.65	10	24.51	13.17	4.17	10	23.13	6.28	1.99	3	27.12	5.76	3.33
	6	10	16.67	6.58	2.08	10	14.34	6.57	2.08	10	13.49	5.45	1.72	3	14.83	1.65	0.95
	7	10	31.21	8.81	2.79	10	23.55	10.69	3.38	10	26.12	9.01	2.85	3	26.96	3.90	2.25
	8	10	0.33	0.32	0.10	10	0.12	0.27	0.09	10	0.21	0.23	0.07	3	0.22	0.11	0.06
	9	10	237.22	64.69	20.46	10	270.84	34.05	10.77	10	213.60	52.09	16.47	3	240.55	28.76	16.61
90-Minute	1	10	108.97	44.80	14.17	10	115.32	45.55	14.40	10	146.41	93.30	29.51	3	123.57	20.04	11.57
	2	10	48.05	23.68	7.49	10	73.46	22.01	6.96	10	106.85	29.16	9.22	3	76.12	29.49	17.02
	3	10	53.98	24.09	7.62	10	59.73	18.00	5.69	10	49.29	34.50	10.91	3	54.33	5.23	3.02
	4	10	28.59	11.35	3.59	10	28.07	8.17	2.58	10	21.41	10.27	3.25	3	26.02	4.01	2.31
	5	10	20.41	6.54	2.07	10	27.27	16.92	5.35	10	14.62	4.19	1.33	3	20.77	6.33	3.66
	6	10	15.43	7.74	2.45	10	17.09	9.48	3.00	10	10.75	5.36	1.70	3	14.43	3.29	1.90
	7	10	43.59	19.80	6.26	10	55.37	26.57	8.40	10	29.53	13.91	4.40	3	42.83	12.94	7.47
	8	10	1.13	0.99	0.31	10	1.55	1.04	0.33	10	1.45	1.73	0.55	3	1.38	0.22	0.13
	9	10	260.00	71.36	22.57	10	303.85	51.10	16.16	10	338.58	120.43	38.08	3	300.81	39.37	22.73
300-Minute	1	10	68.08	28.47	9.00	10	68.60	41.15	13.01	10	64.05	34.42	10.88	3	66.91	2.49	1.44
	2	10	54.54	18.65	5.90	10	49.31	23.37	7.39	10	63.91	35.91	11.36	3	55.92	7.40	4.27
	3	10	51.40	28.75	9.09	10	40.80	14.49	4.58	10	36.30	12.22	3.86	3	42.83	7.75	4.48
	4	10	27.43	9.88	3.12	10	23.06	8.29	2.62	10	29.31	13.56	4.29	3	26.60	3.21	1.85
	5	10	20.64	10.21	3.23	10	16.65	4.18	1.32	10	21.29	5.79	1.83	3	19.53	2.51	1.45
	6	10	17.96	10.49	3.32	10	22.28	22.61	7.15	10	12.28	5.77	1.83	3	17.51	5.01	2.90
	7	10	35.44	22.28	7.05	10	29.02	10.05	3.18	10	34.10	25.81	8.16	3	32.86	3.39	1.95
	8	10	0.65	0.80	0.25	10	0.51	0.69	0.22	10	0.94	1.69	0.53	3	0.70	0.22	0.13
	9	10	222.09	56.39	17.83	10	198.42	75.07	23.74	10	214.86	64.33	20.34	3	211.79	12.13	7.00
600-Minute	1	10	40.51	16.54	5.23	10	65.65	24.42	7.72	10	60.93	29.59	9.36	3	55.70	13.36	7.72
	2	10	32.34	12.61	3.99	10	35.07	17.59	5.56	10	51.88	21.92	6.93	3	39.76	10.58	6.11
	3	10	28.51	10.02	3.17	10	28.84	13.99	4.42	10	28.97	10.18	3.22	3	28.78	0.24	0.14
	4	10	14.00	5.85	1.85	10	17.31	9.70	3.07	10	8.89	1.85	0.58	3	13.40	4.24	2.45
	5	10	13.00	3.31	1.05	10	13.60	2.30	0.73	10	9.97	4.34	1.37	3	12.19	1.94	1.12
	6	10	9.89	2.79	0.88	10	9.01	2.78	0.88	10	6.61	3.05	0.96	3	8.50	1.70	0.98
	7	10	20.88	5.50	1.74	10	14.00	4.00	1.27	10	12.57	4.34	1.37	3	15.82	4.44	2.56
	8	10	0.15	0.19	0.06	10	0.02	0.05	0.02	10	20.61	65.16	20.61	3	6.92	11.85	6.84
	9	10	128.35	32.62	10.32	10	160.47	35.50	11.23	10	160.64	49.62	15.69	3	149.82	18.59	10.74

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	36.41	12.60	3.98	10	37.96	9.03	2.86	10	35.82	6.96	2.20	3	36.73	1.10	0.64
	2	10	26.27	7.40	2.34	10	23.18	9.11	2.88	10	20.95	7.51	2.37	3	23.47	2.67	1.54
	3	10	15.28	3.63	1.15	10	16.74	4.70	1.48	10	17.44	4.74	1.50	3	16.49	1.10	0.64
	4	10	10.46	4.40	1.39	10	10.98	4.97	1.57	10	12.99	3.25	1.03	3	11.48	1.34	0.77
	5	10	11.57	6.22	1.97	10	11.14	7.89	2.50	10	12.80	3.88	1.23	3	11.84	0.86	0.50
90-Minute	1	10	36.15	14.78	4.67	10	43.01	21.41	6.77	10	33.75	13.40	4.24	3	37.63	4.80	2.77
	2	10	24.63	7.36	2.33	10	18.76	8.81	2.79	10	19.52	4.75	1.50	3	20.97	3.20	1.84
	3	10	13.09	5.46	1.73	10	14.31	5.95	1.88	10	16.36	5.71	1.81	3	14.59	1.65	0.96
	4	10	12.40	5.00	1.58	10	9.64	5.53	1.75	10	14.59	8.36	2.64	3	12.21	2.48	1.43
	5	10	13.74	9.83	3.11	10	14.28	10.01	3.17	10	15.78	5.05	1.60	3	14.60	1.06	0.61
300-Minute	1	10	47.32	12.52	3.96	10	45.47	8.94	2.83	10	42.10	10.86	3.43	3	44.96	2.65	1.53
	2	10	22.91	7.35	2.32	10	23.26	10.11	3.20	10	25.32	7.50	2.37	3	23.83	1.30	0.75
	3	10	13.64	3.71	1.17	10	13.41	5.34	1.69	10	15.17	5.29	1.67	3	14.07	0.96	0.55
	4	10	7.80	3.76	1.19	10	7.24	4.47	1.41	10	8.50	3.93	1.24	3	7.85	0.63	0.36
	5	10	8.34	5.52	1.75	10	10.61	6.11	1.93	10	8.91	3.87	1.22	3	9.29	1.18	0.68
600-Minute	1	10	41.22	10.52	3.33	10	49.27	12.59	3.98	10	45.38	10.30	3.26	3	45.29	4.02	2.32
	2	10	25.66	8.56	2.71	10	24.45	5.70	1.80	10	25.95	11.36	3.59	3	25.35	0.80	0.46
	3	10	13.53	3.62	1.15	10	11.17	5.47	1.73	10	13.14	4.57	1.45	3	12.61	1.26	0.73
	4	10	8.55	2.85	0.90	10	6.32	3.29	1.04	10	7.15	1.88	0.59	3	7.34	1.13	0.65
	5	10	11.03	4.39	1.39	10	8.79	4.26	1.35	10	8.38	4.93	1.56	3	9.40	1.43	0.82

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	29.25	13.04	4.12	10	35.25	12.11	3.83	10	26.87	7.03	2.22	3	30.46	4.32	2.49
	2	10	22.68	4.06	1.28	10	22.95	10.25	3.24	10	29.67	7.58	2.40	3	25.10	3.96	2.29
	3	10	20.70	6.62	2.09	10	19.57	7.81	2.47	10	20.69	4.39	1.39	3	20.32	0.65	0.38
	4	10	14.79	6.46	2.04	10	10.55	3.31	1.05	10	12.36	5.88	1.86	3	12.57	2.13	1.23
	5	10	12.58	5.80	1.83	10	11.68	8.13	2.57	10	10.41	4.69	1.48	3	11.56	1.09	0.63
90-Minute	1	10	34.32	10.34	3.27	10	42.87	11.23	3.55	10	35.75	9.35	2.96	3	37.65	4.58	2.64
	2	10	32.39	7.00	2.21	10	25.08	8.54	2.70	10	30.43	11.00	3.48	3	29.30	3.78	2.18
	3	10	15.17	5.78	1.83	10	17.45	7.33	2.32	10	14.76	5.38	1.70	3	15.79	1.45	0.84
	4	10	9.75	3.67	1.16	10	7.64	1.98	0.63	10	9.08	2.51	0.79	3	8.82	1.08	0.62
	5	10	8.37	3.37	1.07	10	6.96	2.70	0.85	10	9.98	2.65	0.84	3	8.44	1.51	0.87
300-Minute	1	10	40.76	12.96	4.10	10	31.27	8.68	2.74	10	33.86	11.11	3.51	3	35.30	4.91	2.83
	2	10	25.95	8.45	2.67	10	25.35	10.91	3.45	10	30.29	10.53	3.33	3	27.20	2.69	1.55
	3	10	18.24	7.52	2.38	10	18.46	7.83	2.48	10	19.30	5.01	1.58	3	18.67	0.56	0.32
	4	10	8.11	3.69	1.17	10	12.20	4.83	1.53	10	7.90	2.98	0.94	3	9.40	2.42	1.40
	5	10	6.94	2.51	0.79	10	12.71	5.54	1.75	10	8.65	2.46	0.78	3	9.44	2.97	1.71
600-Minute	1	10	31.10	11.38	3.60	10	40.22	11.74	3.71	10	39.67	9.58	3.03	3	37.00	5.12	2.95
	2	10	27.22	7.84	2.48	10	28.27	11.44	3.62	10	24.89	8.37	2.65	3	26.79	1.73	1.00
	3	10	18.01	4.51	1.43	10	14.51	7.60	2.40	10	18.16	6.61	2.09	3	16.89	2.06	1.19
	4	10	11.76	7.32	2.32	10	8.49	3.33	1.05	10	8.73	3.23	1.02	3	9.66	1.82	1.05
	5	10	11.91	6.10	1.93	10	8.50	2.80	0.88	10	8.55	3.95	1.25	3	9.65	1.95	1.13

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	35.08	7.77	2.46	10	27.63	8.97	2.84	10	37.51	12.88	4.07	3	33.41	5.15	2.97
	2	10	28.66	5.22	1.65	10	27.75	9.03	2.86	10	25.56	11.29	3.57	3	27.32	1.59	0.92
	3	10	18.43	3.66	1.16	10	22.32	8.34	2.64	10	15.31	3.81	1.20	3	18.68	3.51	2.03
	4	10	10.20	3.99	1.26	10	12.09	5.07	1.60	10	10.16	2.78	0.88	3	10.82	1.10	0.64
	5	10	7.63	2.71	0.86	10	10.21	3.97	1.25	10	11.46	6.53	2.06	3	9.77	1.95	1.13
90-Minute	1	10	41.45	16.89	5.34	10	42.48	10.55	3.34	10	38.98	6.99	2.21	3	40.97	1.80	1.04
	2	10	29.77	8.76	2.77	10	21.30	6.90	2.18	10	22.16	3.44	1.09	3	24.41	4.66	2.69
	3	10	12.86	7.72	2.44	10	17.42	6.47	2.05	10	17.10	4.23	1.34	3	15.79	2.54	1.47
	4	10	7.29	4.66	1.47	10	8.25	2.11	0.67	10	9.88	2.87	0.91	3	8.47	1.31	0.75
	5	10	8.63	7.06	2.23	10	10.56	4.07	1.29	10	11.89	3.78	1.20	3	10.36	1.64	0.95
300-Minute	1	10	38.84	15.19	4.80	10	41.63	12.37	3.91	10	41.73	12.63	3.99	3	40.73	1.64	0.95
	2	10	33.13	10.92	3.45	10	29.88	7.71	2.44	10	25.85	9.47	2.99	3	29.62	3.65	2.11
	3	10	14.86	6.31	1.99	10	13.75	4.42	1.40	10	15.30	6.15	1.95	3	14.64	0.80	0.46
	4	10	6.99	3.95	1.25	10	7.90	2.27	0.72	10	8.56	3.94	1.25	3	7.81	0.79	0.46
	5	10	6.18	3.39	1.07	10	6.85	2.91	0.92	10	8.56	3.55	1.12	3	7.20	1.23	0.71
600-Minute	1	10	41.88	9.75	3.08	10	36.95	9.22	2.92	10	37.58	6.94	2.20	3	38.80	2.68	1.55
	2	10	23.90	6.85	2.17	10	25.00	7.18	2.27	10	34.80	5.99	1.89	3	27.90	6.00	3.46
	3	10	14.37	4.65	1.47	10	17.19	2.55	0.81	10	13.14	4.93	1.56	3	14.90	2.07	1.20
	4	10	9.21	4.24	1.34	10	9.16	3.41	1.08	10	6.62	2.82	0.89	3	8.33	1.48	0.86
	5	10	10.63	4.52	1.43	10	11.70	5.01	1.58	10	7.86	3.19	1.01	3	10.07	1.98	1.14

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	32.08	6.51	2.06	10	27.98	15.07	4.77	10	33.80	9.66	3.05	3	31.29	2.99	1.73
	2	10	25.74	6.31	2.00	10	28.12	7.30	2.31	10	26.44	7.25	2.29	3	26.77	1.22	0.71
	3	10	21.12	6.04	1.91	10	22.34	12.51	3.96	10	17.37	5.70	1.80	3	20.28	2.59	1.50
	4	10	12.76	4.31	1.36	10	11.72	4.29	1.36	10	12.35	2.96	0.93	3	12.28	0.52	0.30
	5	10	8.30	2.53	0.80	10	9.85	4.50	1.42	10	10.04	4.75	1.50	3	9.39	0.96	0.55
90-Minute	1	10	40.75	11.10	3.51	10	38.91	11.53	3.65	10	33.03	7.72	2.44	3	37.56	4.03	2.33
	2	10	26.47	10.64	3.37	10	19.00	6.71	2.12	10	21.49	5.16	1.63	3	22.32	3.81	2.20
	3	10	14.47	9.10	2.88	10	18.74	6.07	1.92	10	20.12	6.37	2.02	3	17.78	2.94	1.70
	4	10	9.71	4.67	1.48	10	11.32	4.86	1.54	10	11.59	2.79	0.88	3	10.88	1.02	0.59
	5	10	8.59	5.46	1.73	10	12.03	5.42	1.71	10	13.78	5.44	1.72	3	11.47	2.64	1.52
300-Minute	1	10	41.34	8.43	2.67	10	43.57	10.96	3.47	10	41.72	10.48	3.32	3	42.21	1.19	0.69
	2	10	27.68	9.61	3.04	10	27.76	7.26	2.30	10	25.04	10.09	3.19	3	26.83	1.55	0.89
	3	10	15.25	4.75	1.50	10	13.03	4.04	1.28	10	14.42	2.21	0.70	3	14.23	1.12	0.65
	4	10	7.58	2.46	0.78	10	8.50	2.94	0.93	10	10.03	4.88	1.54	3	8.70	1.24	0.72
	5	10	8.15	4.83	1.53	10	7.14	2.97	0.94	10	8.79	4.57	1.45	3	8.03	0.83	0.48
600-Minute	1	10	37.28	14.09	4.45	10	41.56	6.72	2.12	10	34.49	8.73	2.76	3	37.78	3.56	2.05
	2	10	25.01	9.70	3.07	10	24.40	5.56	1.76	10	36.83	10.71	3.39	3	28.75	7.01	4.05
	3	10	15.06	5.86	1.85	10	16.75	4.28	1.35	10	13.23	4.70	1.49	3	15.01	1.76	1.02
	4	10	12.35	6.93	2.19	10	8.25	2.32	0.73	10	7.36	2.78	0.88	3	9.32	2.66	1.53
	5	10	10.30	5.50	1.74	10	9.05	3.01	0.95	10	8.08	3.66	1.16	3	9.14	1.11	0.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.91	0.28	0.09	10	2.09	0.20	0.06	10	2.11	0.38	0.12	3	2.04	0.11	0.06
	2	10	5.67	0.38	0.12	10	5.54	0.21	0.07	10	5.44	0.31	0.10	3	5.55	0.11	0.06
	3	10	9.91	0.48	0.15	10	9.98	0.47	0.15	10	9.97	0.32	0.10	3	9.95	0.04	0.02
	4	10	15.10	0.51	0.16	10	15.00	0.37	0.12	10	15.08	0.49	0.15	3	15.06	0.05	0.03
	5	10	21.03	0.37	0.12	10	21.19	0.52	0.17	10	21.27	0.44	0.14	3	21.16	0.12	0.07
	9	10	7.69	1.70	0.54	10	7.76	1.78	0.56	10	8.28	0.98	0.31	3	7.91	0.32	0.19
90-Minute	1	10	2.11	0.26	0.08	10	2.03	0.27	0.09	10	1.98	0.28	0.09	3	2.04	0.07	0.04
	2	10	5.34	0.28	0.09	10	5.54	0.44	0.14	10	5.50	0.32	0.10	3	5.46	0.11	0.06
	3	10	10.13	0.48	0.15	10	9.91	0.36	0.11	10	10.01	0.22	0.07	3	10.02	0.11	0.06
	4	10	15.11	0.37	0.12	10	15.13	0.33	0.10	10	15.27	0.48	0.15	3	15.17	0.09	0.05
	5	10	20.86	0.52	0.16	10	21.19	0.38	0.12	10	21.16	0.55	0.17	3	21.07	0.18	0.10
	9	10	8.13	2.43	0.77	10	7.80	2.97	0.94	10	8.90	1.84	0.58	3	8.28	0.56	0.33
300-Minute	1	10	2.01	0.21	0.07	10	1.90	0.26	0.08	10	1.96	0.27	0.08	3	1.96	0.06	0.03
	2	10	5.60	0.21	0.07	10	5.50	0.28	0.09	10	5.40	0.34	0.11	3	5.50	0.10	0.06
	3	10	10.01	0.23	0.07	10	9.91	0.57	0.18	10	9.93	0.38	0.12	3	9.95	0.05	0.03
	4	10	15.31	0.34	0.11	10	15.17	0.30	0.09	10	15.09	0.30	0.09	3	15.19	0.11	0.06
	5	10	20.98	0.47	0.15	10	21.33	0.58	0.18	10	20.98	0.51	0.16	3	21.10	0.20	0.12
	9	10	6.55	1.48	0.47	10	6.80	1.37	0.43	10	6.83	1.26	0.40	3	6.73	0.16	0.09
600-Minute	1	10	2.00	0.26	0.08	10	1.87	0.27	0.08	10	2.22	0.40	0.13	3	2.03	0.18	0.10
	2	10	5.43	0.35	0.11	10	5.44	0.34	0.11	10	5.61	0.36	0.11	3	5.49	0.10	0.06
	3	10	10.00	0.30	0.10	10	9.81	0.21	0.07	10	9.82	0.37	0.12	3	9.87	0.11	0.06
	4	10	15.32	0.41	0.13	10	15.24	0.42	0.13	10	15.26	0.52	0.17	3	15.27	0.04	0.02
	5	10	21.15	0.39	0.12	10	21.19	0.51	0.16	10	20.94	0.54	0.17	3	21.09	0.13	0.08
	9	10	7.19	1.11	0.35	10	6.15	1.45	0.46	10	6.58	1.14	0.36	3	6.64	0.52	0.30

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.25	0.08	10	2.23	0.24	0.08	10	2.06	0.22	0.07	3	2.13	0.09	0.05
	2	10	5.62	0.31	0.10	10	5.77	0.30	0.09	10	5.68	0.36	0.11	3	5.69	0.08	0.04
	3	10	10.08	0.42	0.13	10	9.91	0.53	0.17	10	9.97	0.53	0.17	3	9.99	0.08	0.05
	4	10	15.04	0.50	0.16	10	15.12	0.53	0.17	10	15.09	0.29	0.09	3	15.08	0.04	0.03
	5	10	20.80	0.37	0.12	10	20.90	0.54	0.17	10	20.91	0.33	0.11	3	20.87	0.06	0.03
	9	10	8.78	1.62	0.51	10	8.05	1.45	0.46	10	8.35	1.26	0.40	3	8.40	0.37	0.21
90-Minute	1	10	2.12	0.14	0.04	10	2.24	0.30	0.09	10	2.32	0.14	0.05	3	2.23	0.10	0.06
	2	10	5.54	0.36	0.11	10	5.49	0.32	0.10	10	5.34	0.32	0.10	3	5.46	0.11	0.06
	3	10	9.87	0.33	0.10	10	9.99	0.43	0.14	10	9.91	0.22	0.07	3	9.92	0.06	0.03
	4	10	14.93	0.55	0.18	10	14.84	0.38	0.12	10	15.26	0.37	0.12	3	15.01	0.22	0.13
	5	10	20.98	0.49	0.16	10	20.98	0.55	0.17	10	21.09	0.45	0.14	3	21.02	0.06	0.03
	9	10	7.24	1.22	0.38	10	6.69	0.84	0.26	10	7.41	0.81	0.26	3	7.12	0.38	0.22
300-Minute	1	10	2.14	0.33	0.10	10	2.08	0.28	0.09	10	2.17	0.36	0.11	3	2.13	0.04	0.02
	2	10	5.61	0.36	0.11	10	5.62	0.27	0.09	10	5.56	0.42	0.13	3	5.60	0.04	0.02
	3	10	10.04	0.37	0.12	10	10.10	0.37	0.12	10	9.90	0.45	0.14	3	10.01	0.10	0.06
	4	10	15.11	0.35	0.11	10	15.21	0.26	0.08	10	15.18	0.42	0.13	3	15.17	0.05	0.03
	5	10	21.15	0.42	0.13	10	21.37	0.65	0.21	10	20.92	0.40	0.13	3	21.15	0.23	0.13
	9	10	6.82	1.34	0.42	10	8.53	1.67	0.53	10	7.30	0.87	0.27	3	7.55	0.88	0.51
600-Minute	1	10	2.32	0.41	0.13	10	2.02	0.25	0.08	10	2.26	0.29	0.09	3	2.20	0.16	0.09
	2	10	5.48	0.35	0.11	10	5.50	0.30	0.09	10	5.50	0.59	0.19	3	5.49	0.01	0.01
	3	10	9.85	0.39	0.12	10	10.12	0.53	0.17	10	10.01	0.29	0.09	3	9.99	0.14	0.08
	4	10	15.11	0.34	0.11	10	15.00	0.51	0.16	10	15.16	0.38	0.12	3	15.09	0.08	0.05
	5	10	20.95	0.41	0.13	10	21.00	0.36	0.11	10	20.93	0.59	0.19	3	20.96	0.04	0.02
	9	10	8.23	1.92	0.61	10	6.85	0.95	0.30	10	7.18	1.16	0.37	3	7.42	0.72	0.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.12	0.18	0.06	10	2.36	0.25	0.08	10	2.22	0.13	0.04	3	2.23	0.12	0.07
	2	10	5.46	0.35	0.11	10	5.64	0.44	0.14	10	5.59	0.22	0.07	3	5.56	0.09	0.05
	3	10	10.25	0.49	0.16	10	10.12	0.39	0.12	10	10.13	0.43	0.14	3	10.17	0.07	0.04
	4	10	14.83	0.41	0.13	10	14.91	0.33	0.10	10	14.98	0.56	0.18	3	14.91	0.08	0.04
	5	10	21.26	0.67	0.21	10	20.90	0.37	0.12	10	21.12	0.64	0.20	3	21.09	0.18	0.10
	9	10	7.32	0.88	0.28	10	8.40	1.25	0.39	10	7.74	1.13	0.36	3	7.82	0.54	0.31
90-Minute	1	10	2.21	0.12	0.04	10	2.38	0.27	0.09	10	2.14	0.23	0.07	3	2.24	0.12	0.07
	2	10	5.43	0.28	0.09	10	5.44	0.44	0.14	10	5.49	0.41	0.13	3	5.45	0.03	0.02
	3	10	9.97	0.32	0.10	10	10.02	0.35	0.11	10	10.19	0.42	0.13	3	10.06	0.12	0.07
	4	10	15.01	0.50	0.16	10	15.25	0.41	0.13	10	15.11	0.42	0.13	3	15.12	0.12	0.07
	5	10	20.77	0.46	0.14	10	21.55	0.39	0.12	10	20.91	0.25	0.08	3	21.08	0.42	0.24
	9	10	6.70	2.38	0.75	10	7.45	0.91	0.29	10	7.78	0.77	0.24	3	7.31	0.55	0.32
300-Minute	1	10	2.26	0.30	0.09	10	2.18	0.25	0.08	10	2.16	0.25	0.08	3	2.20	0.05	0.03
	2	10	5.54	0.27	0.08	10	5.55	0.39	0.12	10	5.52	0.44	0.14	3	5.54	0.01	0.01
	3	10	9.95	0.30	0.10	10	10.10	0.33	0.11	10	10.04	0.43	0.14	3	10.03	0.07	0.04
	4	10	14.98	0.31	0.10	10	14.91	0.42	0.13	10	14.99	0.29	0.09	3	14.96	0.04	0.02
	5	10	21.01	0.63	0.20	10	21.17	0.33	0.10	10	21.09	0.39	0.12	3	21.09	0.08	0.05
	9	10	6.51	1.31	0.42	10	6.57	1.02	0.32	10	6.94	1.26	0.40	3	6.67	0.24	0.14
600-Minute	1	10	2.21	0.25	0.08	10	2.29	0.24	0.08	10	2.26	0.27	0.08	3	2.25	0.04	0.02
	2	10	5.53	0.39	0.12	10	5.49	0.32	0.10	10	5.33	0.25	0.08	3	5.45	0.11	0.06
	3	10	9.85	0.30	0.10	10	9.90	0.44	0.14	10	9.76	0.41	0.13	3	9.84	0.07	0.04
	4	10	15.12	0.27	0.09	10	14.98	0.45	0.14	10	15.02	0.48	0.15	3	15.04	0.07	0.04
	5	10	21.45	0.62	0.20	10	21.23	0.56	0.18	10	21.24	0.55	0.17	3	21.31	0.13	0.07
	9	10	7.32	1.42	0.45	10	7.77	1.12	0.36	10	6.65	0.96	0.30	3	7.25	0.56	0.32

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.13	0.19	0.06	10	2.29	0.30	0.09	10	2.17	0.23	0.07	3	2.20	0.08	0.05
	2	10	5.48	0.26	0.08	10	5.60	0.51	0.16	10	5.64	0.29	0.09	3	5.58	0.09	0.05
	3	10	10.11	0.41	0.13	10	10.13	0.24	0.08	10	10.13	0.39	0.12	3	10.12	0.01	0.01
	4	10	14.79	0.29	0.09	10	14.82	0.43	0.13	10	14.87	0.50	0.16	3	14.83	0.04	0.02
	5	10	21.17	0.48	0.15	10	21.21	0.45	0.14	10	21.06	0.50	0.16	3	21.15	0.08	0.04
	9	10	7.88	0.70	0.22	10	8.31	1.37	0.43	10	7.94	0.98	0.31	3	8.04	0.23	0.14
90-Minute	1	10	2.22	0.22	0.07	10	2.29	0.32	0.10	10	2.15	0.24	0.08	3	2.22	0.07	0.04
	2	10	5.54	0.44	0.14	10	5.39	0.40	0.13	10	5.54	0.47	0.15	3	5.49	0.09	0.05
	3	10	9.80	0.39	0.12	10	9.99	0.37	0.12	10	10.23	0.39	0.12	3	10.01	0.22	0.13
	4	10	14.96	0.43	0.13	10	15.17	0.21	0.07	10	15.23	0.45	0.14	3	15.12	0.14	0.08
	5	10	20.96	0.36	0.11	10	21.24	0.56	0.18	10	21.01	0.43	0.14	3	21.07	0.15	0.09
	9	10	7.02	2.10	0.66	10	8.07	1.60	0.51	10	8.64	0.93	0.29	3	7.91	0.82	0.47
300-Minute	1	10	2.13	0.24	0.07	10	2.19	0.24	0.08	10	2.22	0.29	0.09	3	2.18	0.04	0.03
	2	10	5.58	0.32	0.10	10	5.42	0.30	0.10	10	5.43	0.33	0.10	3	5.48	0.09	0.05
	3	10	9.99	0.26	0.08	10	9.96	0.40	0.13	10	10.04	0.38	0.12	3	10.00	0.04	0.02
	4	10	14.94	0.34	0.11	10	15.07	0.32	0.10	10	14.93	0.35	0.11	3	14.98	0.08	0.04
	5	10	21.23	0.49	0.16	10	20.99	0.40	0.13	10	21.00	0.57	0.18	3	21.07	0.13	0.08
	9	10	6.82	1.21	0.38	10	6.56	1.05	0.33	10	7.08	1.21	0.38	3	6.82	0.26	0.15
600-Minute	1	10	2.04	0.23	0.07	10	2.33	0.24	0.08	10	2.25	0.20	0.06	3	2.20	0.15	0.09
	2	10	5.55	0.20	0.06	10	5.44	0.34	0.11	10	5.37	0.19	0.06	3	5.45	0.09	0.05
	3	10	10.04	0.34	0.11	10	9.85	0.43	0.14	10	9.90	0.49	0.16	3	9.93	0.10	0.06
	4	10	15.28	0.28	0.09	10	14.78	0.54	0.17	10	15.04	0.43	0.14	3	15.04	0.25	0.14
	5	10	21.14	0.55	0.17	10	21.47	0.53	0.17	10	21.13	0.60	0.19	3	21.25	0.19	0.11
	9	10	7.72	1.97	0.62	10	7.11	0.80	0.25	10	6.91	0.87	0.28	3	7.25	0.43	0.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	6	2.58	1.02	0.42	10	2.35	0.78	0.25	7	2.50	0.76	0.29	3	2.48	0.12	0.07
	2	10	5.70	0.82	0.26	10	5.85	1.18	0.37	10	5.90	1.02	0.32	3	5.82	0.10	0.06
	3	10	9.80	1.34	0.42	10	9.90	1.13	0.36	8	9.94	0.90	0.32	3	9.88	0.07	0.04
	4	10	15.15	1.31	0.42	8	15.56	1.40	0.49	9	15.50	1.30	0.43	3	15.40	0.22	0.13
	5	10	21.40	1.56	0.49	10	21.05	1.46	0.46	10	21.50	2.04	0.65	3	21.32	0.24	0.14
	9	10	4.40	2.42	0.77	10	2.75	1.38	0.44	10	3.15	1.23	0.39	3	3.43	0.86	0.50
90-Minute	1	7	2.21	0.70	0.26	9	2.17	0.71	0.24	7	2.43	0.73	0.28	3	2.27	0.14	0.08
	2	10	5.95	0.83	0.26	9	5.83	1.20	0.40	9	5.78	1.44	0.48	3	5.85	0.09	0.05
	3	10	11.00	1.22	0.39	9	10.39	1.45	0.48	10	10.05	1.01	0.32	3	10.48	0.48	0.28
	4	10	15.75	1.16	0.37	10	15.35	1.27	0.40	10	15.80	1.21	0.38	3	15.63	0.25	0.14
	5	10	20.90	1.98	0.63	10	21.70	2.06	0.65	10	21.50	1.83	0.58	3	21.37	0.42	0.24
	9	10	5.60	6.26	1.98	10	2.80	1.42	0.45	10	4.55	3.70	1.17	3	4.32	1.41	0.82
300-Minute	1	8	1.62	0.35	0.13	8	2.00	0.65	0.23	6	1.83	0.82	0.33	3	1.82	0.19	0.11
	2	10	5.75	0.68	0.21	9	5.67	1.00	0.33	10	5.20	0.75	0.24	3	5.54	0.30	0.17
	3	10	10.35	1.25	0.39	10	10.00	1.31	0.41	10	10.20	1.38	0.44	3	10.18	0.18	0.10
	4	9	15.83	1.46	0.49	9	15.06	1.31	0.44	10	14.60	0.91	0.29	3	15.16	0.62	0.36
	5	10	21.45	1.85	0.58	10	21.30	1.57	0.50	10	21.20	2.24	0.71	3	21.32	0.13	0.07
	9	10	4.05	5.34	1.69	10	3.20	2.41	0.76	10	3.50	2.83	0.89	3	3.58	0.43	0.25
600-Minute	1	8	2.00	0.60	0.21	7	2.21	0.64	0.24	9	2.83	0.75	0.25	3	2.35	0.43	0.25
	2	9	5.78	1.06	0.35	10	5.75	1.06	0.34	9	5.94	0.92	0.31	3	5.82	0.11	0.06
	3	10	11.00	1.33	0.42	10	9.45	0.98	0.31	10	10.90	0.88	0.28	3	10.45	0.87	0.50
	4	9	15.11	1.34	0.45	10	15.65	1.53	0.48	10	16.05	1.36	0.43	3	15.60	0.47	0.27
	5	10	22.50	1.72	0.54	9	21.61	2.07	0.69	10	20.65	1.76	0.56	3	21.59	0.93	0.53
	9	10	2.85	1.42	0.45	10	4.05	2.19	0.69	10	3.85	2.17	0.69	3	3.58	0.64	0.37

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	7	1.93	0.35	0.13	10	2.40	0.66	0.21	10	2.25	0.79	0.25	3	2.19	0.24	0.14
	2	10	5.95	0.86	0.27	9	6.11	0.78	0.26	10	5.70	0.92	0.29	3	5.92	0.21	0.12
	3	10	10.35	1.31	0.42	10	10.55	1.07	0.34	9	10.33	1.06	0.35	3	10.41	0.12	0.07
	4	10	15.55	1.40	0.44	9	15.56	0.85	0.28	8	15.50	1.07	0.38	3	15.54	0.03	0.02
	5	10	20.70	1.14	0.36	10	21.65	1.56	0.49	10	21.30	1.83	0.58	3	21.22	0.48	0.28
	9	10	4.15	2.82	0.89	10	3.90	2.40	0.76	10	4.80	2.14	0.68	3	4.28	0.46	0.27
90-Minute	1	9	2.22	0.79	0.26	9	2.56	0.77	0.26	10	2.30	0.59	0.19	3	2.36	0.17	0.10
	2	10	6.10	0.61	0.19	10	5.70	1.16	0.37	9	5.56	0.81	0.27	3	5.79	0.28	0.16
	3	10	10.25	1.34	0.42	10	10.25	0.95	0.30	10	10.20	1.03	0.33	3	10.23	0.03	0.02
	4	10	14.60	1.05	0.33	10	15.00	1.25	0.39	10	15.45	1.21	0.38	3	15.02	0.43	0.25
	5	10	21.50	1.73	0.55	10	22.05	1.94	0.61	10	20.95	1.72	0.54	3	21.50	0.55	0.32
	9	10	3.75	1.78	0.56	10	2.90	1.10	0.35	10	3.30	1.67	0.53	3	3.32	0.43	0.25
300-Minute	1	10	2.25	0.68	0.21	9	2.00	0.79	0.26	10	2.25	0.89	0.28	3	2.17	0.14	0.08
	2	10	5.95	1.12	0.35	10	6.05	1.09	0.35	10	5.60	0.77	0.24	3	5.87	0.24	0.14
	3	10	11.10	0.70	0.22	10	10.45	1.55	0.49	10	10.70	1.14	0.36	3	10.75	0.33	0.19
	4	10	15.35	0.94	0.30	10	15.55	1.30	0.41	9	16.11	0.99	0.33	3	15.67	0.39	0.23
	5	10	21.95	1.74	0.55	10	22.10	2.01	0.64	10	22.25	1.84	0.58	3	22.10	0.15	0.09
	9	10	3.00	2.07	0.65	10	3.40	2.17	0.69	10	3.25	1.42	0.45	3	3.22	0.20	0.12
600-Minute	1	8	2.56	0.82	0.29	9	2.33	0.83	0.28	9	2.50	0.79	0.26	3	2.47	0.12	0.07
	2	9	6.06	1.04	0.35	10	5.60	0.97	0.31	8	6.06	1.32	0.47	3	5.91	0.27	0.15
	3	10	10.45	1.09	0.35	10	10.55	1.21	0.38	10	10.15	1.31	0.42	3	10.38	0.21	0.12
	4	10	14.90	1.15	0.36	9	15.39	1.45	0.48	10	15.92	1.44	0.46	3	15.40	0.51	0.30
	5	10	22.40	2.27	0.72	10	21.10	1.78	0.56	10	21.00	1.83	0.58	3	21.50	0.78	0.45
	9	10	3.50	1.91	0.61	10	4.10	2.56	0.81	10	4.30	3.22	1.02	3	3.97	0.42	0.24

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	125.94	59.38	18.78	10	115.17	47.91	15.15	10	123.20	66.69	21.09	3	121.44	5.60	3.23
	2	10	100.21	43.06	13.62	10	116.35	47.64	15.06	10	79.41	38.57	12.20	3	98.66	18.52	10.69
	3	10	67.78	36.30	11.48	10	96.72	56.33	17.81	10	49.31	21.90	6.93	3	71.27	23.90	13.80
	4	10	36.68	23.00	7.27	10	48.88	20.22	6.39	10	32.00	12.11	3.83	3	39.19	8.72	5.03
	5	10	25.46	8.36	2.64	10	39.99	10.08	3.19	10	33.97	15.81	5.00	3	33.14	7.30	4.22
	6	10	17.78	9.86	3.12	10	19.64	6.37	2.02	10	19.35	6.01	1.90	3	18.92	1.00	0.58
	7	10	27.89	7.02	2.22	10	33.31	6.21	1.96	10	29.36	6.13	1.94	3	30.19	2.80	1.62
	8	10	0.10	0.20	0.06	10	0.18	0.31	0.10	10	0.08	0.16	0.05	3	0.12	0.06	0.03
	9	10	356.06	145.80	46.11	10	417.11	103.36	32.68	10	317.89	95.06	30.06	3	363.69	50.05	28.90
90-Minute	1	10	286.26	277.42	87.73	10	214.13	100.43	31.76	10	204.57	78.50	24.82	3	234.99	44.66	25.78
	2	10	169.33	94.67	29.94	10	100.66	35.87	11.34	10	112.05	23.86	7.55	3	127.35	36.80	21.25
	3	10	55.81	16.96	5.36	10	87.83	46.93	14.84	10	85.72	20.72	6.55	3	76.45	17.91	10.34
	4	10	30.60	8.57	2.71	10	39.14	13.06	4.13	10	48.95	13.70	4.33	3	39.56	9.19	5.30
	5	10	31.49	16.67	5.27	10	49.11	19.09	6.04	10	60.04	17.66	5.58	3	46.88	14.41	8.32
	6	10	14.97	4.90	1.55	10	22.77	9.43	2.98	10	27.48	11.80	3.73	3	21.74	6.32	3.65
	7	10	40.93	17.90	5.66	10	59.80	19.88	6.29	10	77.98	32.45	10.26	3	59.57	18.53	10.70
	8	10	0.27	0.43	0.14	10	0.42	0.56	0.18	10	1.18	0.98	0.31	3	0.62	0.49	0.28
	9	10	573.49	340.32	107.62	10	490.87	156.47	49.48	10	511.34	112.21	35.48	3	525.23	43.03	24.84
300-Minute	1	10	142.53	83.69	26.46	10	234.05	93.20	29.47	10	175.03	55.03	17.40	3	183.87	46.39	26.79
	2	10	116.03	52.79	16.69	10	164.03	45.75	14.47	10	112.73	62.72	19.83	3	130.93	28.71	16.58
	3	10	48.38	16.42	5.19	10	78.12	32.13	10.16	10	67.57	40.74	12.88	3	64.69	15.08	8.70
	4	10	22.76	10.66	3.37	10	42.82	11.28	3.57	10	34.29	13.53	4.28	3	33.29	10.07	5.81
	5	10	19.91	8.57	2.71	10	38.87	19.61	6.20	10	34.09	10.11	3.20	3	30.96	9.86	5.69
	6	10	10.69	3.43	1.08	10	25.92	18.76	5.93	10	18.19	10.60	3.35	3	18.27	7.61	4.39
	7	10	34.64	17.67	5.59	10	109.35	77.13	24.39	10	59.81	28.43	8.99	3	67.93	38.01	21.95
	8	10	0.52	1.22	0.39	10	4.59	4.49	1.42	10	1.08	1.14	0.36	3	2.06	2.21	1.28
	9	10	349.61	101.06	31.96	10	557.88	121.20	38.33	10	423.71	97.33	30.78	3	443.73	105.57	60.95
600-Minute	1	10	118.29	49.44	15.63	10	94.65	42.34	13.39	10	135.89	45.58	14.41	3	116.28	20.69	11.95
	2	10	65.05	22.07	6.98	10	66.58	37.33	11.80	10	129.03	55.07	17.42	3	86.89	36.51	21.08
	3	10	38.27	10.02	3.17	10	42.90	12.52	3.96	10	46.36	19.19	6.07	3	42.51	4.06	2.34
	4	10	24.71	10.81	3.42	10	23.46	11.07	3.50	10	21.57	5.86	1.85	3	23.25	1.58	0.91
	5	10	28.35	11.34	3.58	10	27.92	11.26	3.56	10	26.26	8.40	2.65	3	27.51	1.10	0.63
	6	10	24.20	8.64	2.73	10	13.63	4.83	1.53	10	12.47	3.87	1.22	3	16.77	6.46	3.73
	7	10	58.97	48.68	15.39	10	58.71	92.01	29.10	10	22.66	7.88	2.49	3	46.78	20.89	12.06
	8	10	1.26	2.39	0.76	10	0.68	1.73	0.55	10	0.10	0.21	0.06	3	0.68	0.58	0.34
	9	10	274.66	55.35	17.50	10	255.51	88.32	27.93	10	359.11	99.43	31.44	3	296.43	55.13	31.83

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	114.03	55.99	17.71	10	118.70	75.77	23.96	10	106.34	65.86	20.83	3	113.02	6.24	3.60
	2	10	92.17	57.68	18.24	10	121.75	43.56	13.78	10	77.34	34.05	10.77	3	97.09	22.60	13.05
	3	10	78.33	49.14	15.54	10	101.56	73.90	23.37	10	50.59	21.32	6.74	3	76.83	25.52	14.73
	4	10	42.79	17.20	5.44	10	48.47	16.39	5.18	10	35.45	11.77	3.72	3	42.24	6.53	3.77
	5	10	27.02	9.54	3.02	10	39.56	14.07	4.45	10	26.85	9.89	3.13	3	31.14	7.29	4.21
	6	10	19.35	6.74	2.13	10	20.48	6.92	2.19	10	19.35	6.13	1.94	3	19.73	0.65	0.38
	7	10	38.66	10.69	3.38	10	34.66	3.53	1.12	10	40.39	6.67	2.11	3	37.91	2.94	1.70
	8	10	0.36	0.31	0.10	10	0.28	0.37	0.12	10	0.22	0.28	0.09	3	0.29	0.07	0.04
	9	10	354.34	155.12	49.05	10	430.04	97.39	30.80	10	296.58	105.43	33.34	3	360.32	66.93	38.64
90-Minute	1	10	251.65	177.65	56.18	10	218.81	127.38	40.28	10	178.72	76.38	24.15	3	216.39	36.52	21.09
	2	10	157.31	93.73	29.64	10	98.74	45.68	14.45	10	113.05	35.43	11.20	3	123.03	30.54	17.63
	3	10	68.04	28.50	9.01	10	95.77	42.17	13.33	10	102.71	34.93	11.04	3	88.84	18.35	10.59
	4	10	46.61	11.83	3.74	10	56.68	24.99	7.90	10	61.66	24.35	7.70	3	54.98	7.67	4.43
	5	10	38.01	12.79	4.04	10	55.94	18.02	5.70	10	71.28	26.24	8.30	3	55.08	16.65	9.61
	6	10	18.19	6.48	2.05	10	29.60	13.19	4.17	10	29.79	10.32	3.26	3	25.86	6.64	3.84
	7	10	68.69	30.16	9.54	10	71.63	26.61	8.41	10	97.84	31.18	9.86	3	79.39	16.05	9.27
	8	10	0.68	0.69	0.22	10	0.65	0.67	0.21	10	1.07	0.70	0.22	3	0.80	0.23	0.13
	9	10	561.62	250.75	79.29	10	525.94	194.08	61.37	10	527.43	137.50	43.48	3	538.33	20.18	11.65
300-Minute	1	10	140.19	37.75	11.94	10	225.96	77.94	24.65	10	172.55	48.36	15.29	3	179.57	43.32	25.01
	2	10	101.61	60.36	19.09	10	145.74	56.69	17.93	10	109.98	62.39	19.73	3	119.11	23.44	13.53
	3	10	51.08	17.33	5.48	10	67.57	24.12	7.63	10	61.70	20.43	6.46	3	60.12	8.36	4.83
	4	10	25.30	8.72	2.76	10	43.78	16.58	5.24	10	41.87	17.82	5.63	3	36.98	10.16	5.87
	5	10	25.27	9.92	3.14	10	36.63	15.22	4.81	10	35.76	17.12	5.41	3	32.55	6.32	3.65
	6	10	15.87	8.14	2.58	10	23.72	10.72	3.39	10	21.86	13.43	4.25	3	20.49	4.10	2.37
	7	10	41.16	15.37	4.86	10	78.99	37.45	11.84	10	63.01	37.33	11.80	3	61.06	18.99	10.96
	8	10	0.48	0.54	0.17	10	2.49	2.10	0.67	10	1.31	2.29	0.72	3	1.43	1.01	0.58
	9	10	343.45	95.14	30.09	10	519.68	122.54	38.75	10	421.86	98.50	31.15	3	428.33	88.29	50.98
600-Minute	1	10	125.85	84.14	26.61	10	126.68	43.44	13.74	10	117.06	32.40	10.25	3	123.19	5.33	3.08
	2	10	76.88	28.69	9.07	10	75.86	31.51	9.97	10	136.44	69.30	21.92	3	96.39	34.69	20.03
	3	10	45.28	16.60	5.25	10	52.33	21.13	6.68	10	45.78	19.45	6.15	3	47.80	3.93	2.27
	4	10	35.65	16.09	5.09	10	24.60	8.99	2.84	10	24.41	7.07	2.23	3	28.22	6.44	3.72
	5	10	30.02	13.56	4.29	10	27.11	11.14	3.52	10	26.48	7.88	2.49	3	27.87	1.89	1.09
	6	10	26.99	11.94	3.78	10	14.60	4.16	1.32	10	12.82	6.01	1.90	3	18.14	7.72	4.45
	7	10	67.33	70.39	22.26	10	58.44	91.06	28.80	10	30.24	10.99	3.48	3	52.00	19.37	11.18
	8	10	2.87	8.58	2.71	10	0.40	0.70	0.22	10	0.07	0.22	0.07	3	1.11	1.53	0.88
	9	10	313.67	85.89	27.16	10	306.57	98.09	31.02	10	350.17	94.04	29.74	3	323.47	23.40	13.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	38.19	22.52	7.12	10	41.97	19.32	6.11	10	29.59	7.57	2.40	3	36.58	6.35	3.67
	2	10	16.60	6.53	2.06	10	16.09	9.16	2.90	10	30.13	9.65	3.05	3	20.94	7.96	4.60
	3	10	15.73	7.45	2.36	10	19.28	8.16	2.58	10	19.91	5.63	1.78	3	18.31	2.26	1.30
	4	10	12.01	6.62	2.09	10	10.86	4.49	1.42	10	9.77	3.44	1.09	3	10.88	1.12	0.65
	5	10	17.46	13.56	4.29	10	11.80	4.38	1.39	10	10.61	10.45	3.30	3	13.29	3.66	2.12
30-Minute	1	10	55.11	17.22	5.45	10	45.96	17.31	5.47	10	46.39	9.80	3.10	3	49.15	5.16	2.98
	2	10	20.14	6.76	2.14	10	26.37	8.72	2.76	10	32.39	8.56	2.71	3	26.30	6.13	3.54
	3	10	15.59	9.18	2.90	10	13.46	5.15	1.63	10	12.05	3.89	1.23	3	13.70	1.78	1.03
	4	10	4.32	2.59	0.82	10	7.62	4.25	1.34	10	4.95	2.61	0.82	3	5.63	1.75	1.01
	5	10	4.54	4.10	1.30	10	6.59	6.05	1.91	10	4.23	3.11	0.98	3	5.12	1.29	0.74
300-Minute	1	10	52.86	15.72	4.97	10	51.65	10.82	3.42	10	55.43	10.59	3.35	3	53.31	1.93	1.12
	2	10	28.95	8.61	2.72	10	20.57	7.20	2.28	10	25.81	8.79	2.78	3	25.11	4.23	2.44
	3	10	11.76	8.20	2.59	10	12.97	5.71	1.81	10	11.17	3.78	1.19	3	11.96	0.92	0.53
	4	10	3.07	2.46	0.78	10	6.57	3.92	1.24	10	4.30	2.75	0.87	3	4.65	1.77	1.02
	5	10	3.36	2.84	0.90	10	8.25	6.29	1.99	10	3.29	2.74	0.87	3	4.97	2.84	1.64
600-Minute	1	10	54.77	15.23	4.81	10	58.64	13.62	4.31	10	55.99	11.45	3.62	3	56.47	1.98	1.14
	2	10	27.76	11.56	3.66	10	19.05	5.06	1.60	10	20.82	5.95	1.88	3	22.54	4.61	2.66
	3	10	9.88	3.41	1.08	10	12.78	7.61	2.41	10	12.10	4.36	1.38	3	11.59	1.52	0.88
	4	10	3.55	2.42	0.76	10	5.24	2.99	0.95	10	5.08	2.28	0.72	3	4.62	0.93	0.54
	5	10	4.04	3.01	0.95	10	4.30	2.28	0.72	10	6.01	5.69	1.80	3	4.78	1.07	0.62

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	44.63	9.75	3.08	10	31.02	9.93	3.14	10	31.69	7.48	2.37	3	35.78	7.67	4.43
	2	10	17.29	6.60	2.09	10	18.96	5.95	1.88	10	24.03	7.42	2.35	3	20.09	3.51	2.03
	3	10	13.13	4.13	1.31	10	16.14	5.01	1.59	10	18.03	8.22	2.60	3	15.77	2.47	1.43
	4	10	9.90	3.61	1.14	10	15.76	2.77	0.88	10	13.62	5.35	1.69	3	13.09	2.97	1.71
	5	10	15.06	9.58	3.03	10	18.12	4.86	1.54	10	12.63	4.35	1.38	3	15.27	2.75	1.59
30-Minute	1	10	59.79	22.72	7.18	10	42.55	8.60	2.72	10	57.51	11.33	3.58	3	53.28	9.36	5.41
	2	10	18.16	9.51	3.01	10	26.23	7.77	2.46	10	27.15	9.70	3.07	3	23.85	4.95	2.86
	3	10	11.84	7.63	2.41	10	14.83	3.25	1.03	10	10.01	3.41	1.08	3	12.23	2.44	1.41
	4	10	6.49	5.56	1.76	10	10.03	4.37	1.38	10	3.24	2.86	0.90	3	6.59	3.39	1.96
	5	10	3.72	3.89	1.23	10	6.36	3.92	1.24	10	2.10	1.51	0.48	3	4.06	2.15	1.24
300-Minute	1	10	63.11	20.67	6.54	10	55.82	14.92	4.72	10	47.91	10.81	3.42	3	55.61	7.60	4.39
	2	10	20.70	10.79	3.41	10	22.64	7.00	2.21	10	27.17	9.00	2.85	3	23.50	3.32	1.92
	3	10	9.16	6.32	2.00	10	12.19	6.45	2.04	10	14.00	3.89	1.23	3	11.78	2.44	1.41
	4	10	4.62	3.73	1.18	10	5.61	4.13	1.31	10	6.68	3.25	1.03	3	5.63	1.03	0.60
	5	10	2.41	2.37	0.75	10	3.74	3.05	0.96	10	4.25	2.38	0.75	3	3.47	0.95	0.55
600-Minute	1	10	37.07	12.20	3.86	10	38.94	13.57	4.29	10	49.95	12.82	4.05	3	41.98	6.96	4.02
	2	10	32.43	7.63	2.41	10	31.01	6.80	2.15	10	25.30	7.75	2.45	3	29.58	3.78	2.18
	3	10	17.82	4.08	1.29	10	16.04	6.62	2.09	10	15.11	6.61	2.09	3	16.32	1.38	0.80
	4	10	6.21	2.01	0.64	10	7.23	2.98	0.94	10	6.15	3.94	1.25	3	6.53	0.60	0.35
	5	10	6.47	2.19	0.69	10	6.78	4.03	1.27	10	3.49	4.50	1.42	3	5.58	1.82	1.05

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	37.63	10.91	3.45	10	32.68	11.95	3.78	10	36.82	14.09	4.46	3	35.71	2.65	1.53
	2	10	20.20	7.31	2.31	10	24.20	8.11	2.56	10	24.48	7.66	2.42	3	22.96	2.40	1.38
	3	10	13.91	4.40	1.39	10	19.34	8.34	2.64	10	16.91	5.53	1.75	3	16.72	2.72	1.57
	4	10	14.11	5.67	1.79	10	13.24	5.52	1.74	10	12.17	5.54	1.75	3	13.17	0.97	0.56
	5	10	14.15	7.96	2.52	10	10.54	3.11	0.98	10	9.62	4.12	1.30	3	11.44	2.40	1.38
30-Minute	1	10	43.59	13.83	4.37	10	47.31	11.62	3.67	10	46.31	20.73	6.56	3	45.73	1.92	1.11
	2	10	20.59	5.65	1.79	10	25.39	8.28	2.62	10	30.21	11.23	3.55	3	25.40	4.81	2.78
	3	10	20.65	7.85	2.48	10	13.97	5.41	1.71	10	16.09	8.30	2.62	3	16.90	3.41	1.97
	4	10	8.02	3.56	1.13	10	6.60	2.64	0.84	10	3.94	2.21	0.70	3	6.18	2.07	1.20
	5	10	6.31	4.18	1.32	10	6.73	3.92	1.24	10	3.46	2.27	0.72	3	5.50	1.78	1.03
300-Minute	1	10	57.66	13.28	4.20	10	46.31	13.91	4.40	10	52.37	7.80	2.47	3	52.11	5.68	3.28
	2	10	24.86	6.57	2.08	10	25.86	8.06	2.55	10	24.92	9.23	2.92	3	25.21	0.56	0.32
	3	10	9.56	4.23	1.34	10	12.64	6.38	2.02	10	11.01	2.03	0.64	3	11.07	1.54	0.89
	4	10	5.21	4.02	1.27	10	8.72	4.58	1.45	10	6.53	2.35	0.74	3	6.82	1.77	1.02
	5	10	2.71	2.18	0.69	10	6.48	2.77	0.87	10	5.17	3.00	0.95	3	4.79	1.91	1.10
600-Minute	1	10	50.50	11.97	3.78	10	44.69	13.65	4.32	10	49.00	14.76	4.67	3	48.06	3.02	1.74
	2	10	21.89	6.92	2.19	10	27.61	7.88	2.49	10	25.67	7.66	2.42	3	25.05	2.91	1.68
	3	10	16.02	7.76	2.45	10	16.52	6.85	2.17	10	14.60	6.50	2.06	3	15.71	0.99	0.57
	4	10	7.22	2.24	0.71	10	5.98	2.27	0.72	10	6.69	3.15	1.00	3	6.63	0.62	0.36
	5	10	4.37	2.56	0.81	10	5.20	2.02	0.64	10	4.04	3.43	1.08	3	4.54	0.60	0.34

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	43.25	9.74	3.08	10	29.13	8.97	2.84	10	33.70	11.93	3.77	3	35.36	7.21	4.16
	2	10	17.21	7.67	2.42	10	22.24	8.75	2.77	10	25.21	7.73	2.45	3	21.55	4.04	2.33
	3	10	17.33	4.17	1.32	10	20.26	5.95	1.88	10	20.47	5.35	1.69	3	19.35	1.76	1.01
	4	10	11.00	2.94	0.93	10	14.16	4.47	1.41	10	10.85	4.61	1.46	3	12.00	1.87	1.08
	5	10	11.21	6.18	1.95	10	14.22	7.63	2.41	10	9.78	4.58	1.45	3	11.74	2.27	1.31
30-Minute	1	10	45.14	8.02	2.53	10	42.79	10.02	3.17	10	49.03	13.90	4.40	3	45.65	3.15	1.82
	2	10	21.46	6.77	2.14	10	27.84	7.49	2.37	10	28.88	8.43	2.66	3	26.06	4.02	2.32
	3	10	19.27	5.13	1.62	10	15.45	5.19	1.64	10	14.83	6.91	2.18	3	16.52	2.40	1.39
	4	10	6.86	2.55	0.81	10	6.67	2.78	0.88	10	3.87	2.33	0.74	3	5.80	1.67	0.97
	5	10	6.85	4.73	1.49	10	7.25	3.81	1.20	10	3.38	1.80	0.57	3	5.83	2.13	1.23
300-Minute	1	10	53.44	13.71	4.34	10	48.62	11.10	3.51	10	50.39	9.07	2.87	3	50.82	2.44	1.41
	2	10	25.66	8.32	2.63	10	25.08	8.17	2.58	10	27.20	9.58	3.03	3	25.98	1.10	0.63
	3	10	12.08	4.83	1.53	10	13.15	5.43	1.72	10	11.83	3.27	1.04	3	12.35	0.70	0.41
	4	10	4.72	2.52	0.80	10	7.13	5.09	1.61	10	5.79	2.42	0.77	3	5.88	1.21	0.70
	5	10	4.09	3.19	1.01	10	6.02	2.03	0.64	10	4.78	2.18	0.69	3	4.97	0.98	0.56
600-Minute	1	10	53.56	6.49	2.05	10	43.18	11.57	3.66	10	49.18	13.10	4.14	3	48.64	5.21	3.01
	2	10	18.49	5.60	1.77	10	27.34	6.54	2.07	10	25.45	7.22	2.28	3	23.76	4.66	2.69
	3	10	14.85	4.33	1.37	10	16.62	7.68	2.43	10	13.20	5.46	1.73	3	14.89	1.71	0.99
	4	10	7.55	3.64	1.15	10	6.49	2.49	0.79	10	7.20	4.85	1.53	3	7.08	0.54	0.31
	5	10	5.56	1.40	0.44	10	6.37	2.59	0.82	10	4.97	3.96	1.25	3	5.63	0.70	0.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.90	0.34	0.11	10	1.82	0.27	0.08	10	2.00	0.20	0.06	3	1.91	0.09	0.05
	2	10	5.52	0.23	0.07	9	5.89	0.33	0.11	10	5.73	0.41	0.13	3	5.72	0.19	0.11
	3	10	10.27	0.49	0.15	10	10.42	0.73	0.23	10	9.73	0.34	0.11	3	10.14	0.36	0.21
	4	9	15.26	0.50	0.17	10	15.11	0.57	0.18	10	15.04	0.30	0.10	3	15.14	0.11	0.06
	5	9	21.30	0.58	0.19	10	21.04	0.61	0.19	10	20.89	0.35	0.11	3	21.08	0.21	0.12
	9	10	8.74	3.75	1.19	10	7.80	1.84	0.58	10	7.95	1.66	0.53	3	8.16	0.51	0.29
30-Minute	1	10	1.86	0.36	0.11	10	1.90	0.19	0.06	10	2.04	0.27	0.08	3	1.93	0.10	0.06
	2	10	5.43	0.48	0.15	10	5.59	0.40	0.13	10	5.65	0.21	0.07	3	5.56	0.11	0.06
	3	10	10.14	0.54	0.17	10	10.00	0.40	0.13	10	9.77	0.31	0.10	3	9.97	0.19	0.11
	4	9	14.58	0.62	0.21	10	15.00	0.45	0.14	10	15.32	0.54	0.17	3	14.97	0.37	0.21
	5	8	20.81	0.89	0.31	9	21.57	1.23	0.41	9	20.68	1.01	0.34	3	21.02	0.48	0.28
	9	10	5.25	1.80	0.57	10	6.25	2.03	0.64	10	5.57	1.07	0.34	3	5.69	0.51	0.30
300-Minute	1	10	1.93	0.24	0.08	10	1.92	0.29	0.09	10	2.05	0.32	0.10	3	1.97	0.07	0.04
	2	10	5.45	0.33	0.10	10	5.42	0.32	0.10	10	5.34	0.47	0.15	3	5.40	0.06	0.03
	3	9	9.69	0.65	0.22	10	10.40	0.41	0.13	10	9.85	0.31	0.10	3	9.98	0.37	0.22
	4	7	14.84	0.25	0.10	9	15.11	0.32	0.11	9	15.02	0.67	0.22	3	14.99	0.14	0.08
	5	8	20.92	1.37	0.48	10	21.32	0.83	0.26	8	21.28	1.09	0.39	3	21.17	0.22	0.13
	9	10	4.88	1.41	0.45	10	6.20	1.86	0.59	10	4.93	0.95	0.30	3	5.34	0.75	0.43
600-Minute	1	10	2.00	0.25	0.08	10	1.91	0.19	0.06	10	1.93	0.12	0.04	3	1.95	0.05	0.03
	2	10	5.42	0.35	0.11	10	5.38	0.36	0.11	10	5.44	0.27	0.09	3	5.41	0.03	0.02
	3	10	9.88	0.62	0.20	10	9.75	0.53	0.17	10	9.91	0.49	0.16	3	9.85	0.08	0.05
	4	9	14.75	0.92	0.31	10	14.62	0.85	0.27	10	15.20	0.91	0.29	3	14.86	0.31	0.18
	5	10	20.98	0.96	0.30	9	21.64	1.09	0.36	10	21.23	0.80	0.25	3	21.28	0.34	0.19
	9	10	4.96	1.22	0.39	10	5.08	1.26	0.40	10	5.45	1.47	0.46	3	5.17	0.25	0.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	1.69	0.26	0.08	10	1.76	0.28	0.09	10	2.04	0.14	0.04	3	1.83	0.19	0.11
	2	10	5.61	0.31	0.10	10	5.76	0.26	0.08	10	5.62	0.50	0.16	3	5.66	0.08	0.05
	3	10	10.24	0.46	0.15	10	10.20	0.34	0.11	10	9.81	0.45	0.14	3	10.08	0.24	0.14
	4	10	15.00	0.26	0.08	10	15.29	0.68	0.22	10	15.12	0.21	0.07	3	15.14	0.14	0.08
	5	10	21.12	0.72	0.23	10	21.34	0.41	0.13	10	21.21	0.63	0.20	3	21.23	0.11	0.07
	9	10	7.70	2.05	0.65	10	9.57	1.23	0.39	10	8.50	1.05	0.33	3	8.59	0.94	0.54
30-Minute	1	10	1.81	0.37	0.12	10	1.85	0.23	0.07	10	1.80	0.21	0.07	3	1.82	0.03	0.01
	2	9	5.67	0.41	0.14	10	5.67	0.42	0.13	10	5.54	0.30	0.10	3	5.63	0.07	0.04
	3	9	9.92	0.31	0.10	10	10.12	0.41	0.13	10	9.55	0.60	0.19	3	9.86	0.29	0.17
	4	8	15.27	0.36	0.13	10	14.83	0.49	0.15	7	15.29	0.71	0.27	3	15.13	0.26	0.15
	5	8	20.33	1.01	0.36	9	21.04	0.48	0.16	9	20.43	1.51	0.50	3	20.60	0.38	0.22
	9	10	4.99	2.32	0.73	10	6.63	0.96	0.30	10	4.42	0.77	0.24	3	5.35	1.14	0.66
300-Minute	1	10	1.86	0.25	0.08	10	1.86	0.37	0.12	10	2.05	0.28	0.09	3	1.92	0.11	0.07
	2	10	5.49	0.44	0.14	10	5.40	0.24	0.07	10	5.37	0.40	0.13	3	5.42	0.07	0.04
	3	8	10.10	0.44	0.15	9	10.31	0.57	0.19	10	9.99	0.32	0.10	3	10.13	0.16	0.09
	4	8	14.64	0.59	0.21	9	14.69	0.90	0.30	10	14.60	0.57	0.18	3	14.65	0.04	0.03
	5	7	19.95	1.44	0.54	8	20.07	1.04	0.37	10	20.43	0.83	0.26	3	20.15	0.25	0.14
	9	10	4.36	1.76	0.56	10	5.06	1.64	0.52	10	5.69	1.09	0.34	3	5.04	0.67	0.39
600-Minute	1	10	2.11	0.24	0.08	10	1.98	0.19	0.06	10	1.79	0.18	0.06	3	1.96	0.16	0.10
	2	10	5.52	0.24	0.08	10	5.30	0.29	0.09	10	5.48	0.25	0.08	3	5.44	0.12	0.07
	3	10	9.91	0.32	0.10	10	9.90	0.44	0.14	10	9.78	0.40	0.13	3	9.86	0.07	0.04
	4	10	15.21	0.38	0.12	10	15.01	0.45	0.14	10	15.06	0.48	0.15	3	15.09	0.11	0.06
	5	10	20.96	0.59	0.19	9	21.04	0.50	0.17	8	21.26	1.65	0.58	3	21.09	0.16	0.09
	9	10	6.64	1.04	0.33	10	6.52	1.45	0.46	10	5.41	1.47	0.46	3	6.19	0.68	0.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.12	0.29	0.09	10	2.12	0.27	0.08	10	2.04	0.21	0.07	3	2.09	0.05	0.03
	2	10	5.63	0.37	0.12	10	5.52	0.44	0.14	10	5.56	0.39	0.12	3	5.57	0.06	0.03
	3	10	10.18	0.32	0.10	10	10.13	0.36	0.11	10	10.15	0.45	0.14	3	10.15	0.02	0.01
	4	10	15.03	0.24	0.07	10	14.93	0.52	0.16	10	15.03	0.31	0.10	3	15.00	0.06	0.03
	5	10	21.12	0.36	0.11	10	20.94	0.47	0.15	10	21.24	0.44	0.14	3	21.10	0.15	0.09
	9	10	8.42	1.98	0.63	10	8.15	1.23	0.39	10	7.70	1.42	0.45	3	8.09	0.36	0.21
30-Minute	1	10	1.99	0.27	0.09	10	1.97	0.21	0.07	10	2.11	0.24	0.08	3	2.02	0.07	0.04
	2	10	5.53	0.30	0.09	10	5.69	0.23	0.07	10	5.51	0.53	0.17	3	5.58	0.10	0.06
	3	10	9.88	0.40	0.13	10	10.14	0.35	0.11	10	9.78	0.48	0.15	3	9.93	0.19	0.11
	4	10	14.75	0.66	0.21	10	15.21	0.71	0.22	10	14.50	0.38	0.12	3	14.82	0.36	0.21
	5	9	20.60	1.38	0.46	9	21.33	0.50	0.17	9	21.39	0.70	0.23	3	21.11	0.44	0.25
	9	10	6.56	1.63	0.52	10	6.23	1.04	0.33	10	5.53	1.56	0.49	3	6.10	0.53	0.30
300-Minute	1	10	2.06	0.29	0.09	10	2.03	0.28	0.09	10	2.10	0.20	0.06	3	2.06	0.03	0.02
	2	10	5.31	0.24	0.08	10	5.24	0.28	0.09	10	5.36	0.34	0.11	3	5.30	0.06	0.04
	3	10	10.33	0.38	0.12	10	10.06	0.42	0.13	10	10.00	0.24	0.08	3	10.13	0.18	0.10
	4	10	14.66	1.10	0.35	10	14.82	0.36	0.11	10	14.94	0.33	0.11	3	14.81	0.14	0.08
	5	7	21.44	1.16	0.44	10	21.01	0.86	0.27	10	20.96	0.55	0.18	3	21.14	0.26	0.15
	9	10	4.84	1.23	0.39	10	6.20	1.47	0.46	10	5.58	0.82	0.26	3	5.54	0.68	0.39
600-Minute	1	10	2.01	0.31	0.10	10	1.98	0.30	0.09	10	2.06	0.24	0.08	3	2.01	0.04	0.02
	2	10	5.36	0.38	0.12	10	5.32	0.33	0.10	10	5.36	0.27	0.08	3	5.35	0.02	0.01
	3	10	10.07	0.26	0.08	10	9.82	0.35	0.11	10	10.02	0.45	0.14	3	9.97	0.13	0.08
	4	10	14.98	0.24	0.07	10	15.18	0.45	0.14	10	14.95	0.45	0.14	3	15.04	0.13	0.07
	5	9	21.28	0.69	0.23	10	21.03	0.48	0.15	8	21.19	1.16	0.41	3	21.16	0.13	0.07
	9	10	5.81	1.20	0.38	10	5.95	1.11	0.35	10	5.69	1.43	0.45	3	5.82	0.13	0.08

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	1.91	0.20	0.06	10	2.09	0.31	0.10	10	2.15	0.25	0.08	3	2.05	0.13	0.07
	2	10	5.22	0.22	0.07	10	5.69	0.41	0.13	10	5.70	0.41	0.13	3	5.54	0.27	0.16
	3	10	10.26	0.49	0.15	10	10.31	0.50	0.16	10	9.98	0.44	0.14	3	10.18	0.18	0.10
	4	10	15.04	0.61	0.19	10	15.04	0.68	0.21	10	14.93	0.35	0.11	3	15.00	0.06	0.04
	5	10	21.15	0.44	0.14	10	21.05	0.52	0.16	10	21.18	0.52	0.17	3	21.13	0.07	0.04
	9	10	7.55	1.44	0.45	10	9.08	1.43	0.45	10	7.88	1.20	0.38	3	8.17	0.80	0.46
30-Minute	1	10	1.99	0.36	0.11	10	2.00	0.24	0.08	10	1.96	0.15	0.05	3	1.98	0.02	0.01
	2	10	5.56	0.34	0.11	10	5.62	0.32	0.10	10	5.58	0.46	0.14	3	5.58	0.03	0.02
	3	10	9.95	0.36	0.11	10	10.02	0.31	0.10	10	9.62	0.54	0.17	3	9.86	0.21	0.12
	4	10	14.99	0.73	0.23	10	15.06	0.49	0.16	10	14.75	0.74	0.23	3	14.93	0.16	0.09
	5	10	20.63	1.13	0.36	10	21.24	0.73	0.23	9	20.93	0.52	0.17	3	20.93	0.30	0.17
	9	10	6.50	1.28	0.40	10	6.55	0.90	0.28	10	5.30	1.02	0.32	3	6.12	0.71	0.41
300-Minute	1	10	2.20	0.28	0.09	10	2.07	0.31	0.10	10	2.23	0.17	0.05	3	2.17	0.09	0.05
	2	10	5.46	0.25	0.08	10	5.29	0.33	0.10	10	5.40	0.44	0.14	3	5.38	0.09	0.05
	3	10	9.93	0.30	0.09	10	10.24	0.30	0.10	10	9.99	0.49	0.16	3	10.05	0.16	0.10
	4	9	14.64	0.50	0.17	9	14.83	0.36	0.12	10	14.98	0.56	0.18	3	14.82	0.17	0.10
	5	9	21.84	1.08	0.36	10	21.23	0.54	0.17	10	20.87	0.58	0.18	3	21.31	0.49	0.29
	9	10	5.32	1.40	0.44	10	6.01	0.96	0.30	10	5.63	0.69	0.22	3	5.65	0.34	0.20
600-Minute	1	10	1.97	0.26	0.08	10	2.00	0.19	0.06	10	2.06	0.26	0.08	3	2.01	0.05	0.03
	2	10	5.50	0.27	0.09	10	5.36	0.40	0.13	10	5.48	0.35	0.11	3	5.45	0.08	0.05
	3	10	10.09	0.38	0.12	10	9.97	0.32	0.10	10	10.05	0.43	0.14	3	10.04	0.07	0.04
	4	10	15.12	0.38	0.12	10	14.90	0.44	0.14	10	15.22	0.45	0.14	3	15.08	0.16	0.09
	5	10	21.03	0.56	0.18	10	21.41	0.34	0.11	9	21.19	1.00	0.33	3	21.21	0.19	0.11
	9	10	5.87	0.65	0.21	10	6.33	1.33	0.42	10	5.86	1.58	0.50	3	6.02	0.27	0.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	7	2.64	0.75	0.28	5	2.70	0.76	0.34	8	2.25	0.85	0.30	3	2.53	0.24	0.14
	2	8	5.75	1.16	0.41	9	6.56	0.81	0.27	8	5.94	0.90	0.32	3	6.08	0.42	0.24
	3	9	10.94	0.85	0.28	10	10.95	1.32	0.42	10	10.70	1.18	0.37	3	10.86	0.14	0.08
	4	8	15.69	1.00	0.35	9	15.72	1.09	0.36	9	15.89	1.22	0.41	3	15.77	0.11	0.06
	5	9	21.50	2.08	0.69	10	22.60	1.98	0.63	10	21.35	1.49	0.47	3	21.82	0.68	0.39
	9	10	7.40	7.53	2.38	10	7.85	5.40	1.71	10	4.05	2.40	0.76	3	6.43	2.08	1.20
30-Minute	1	7	2.57	0.84	0.32	6	2.33	0.75	0.31	9	2.39	0.70	0.23	3	2.43	0.12	0.07
	2	9	6.44	0.81	0.27	9	6.33	1.00	0.33	10	5.30	0.67	0.21	3	6.03	0.63	0.36
	3	10	10.35	1.08	0.34	8	10.50	1.28	0.45	10	11.10	1.26	0.40	3	10.65	0.40	0.23
	4	8	15.69	1.33	0.47	9	16.17	1.12	0.37	9	15.83	1.12	0.37	3	15.90	0.25	0.14
	5	7	22.14	1.93	0.73	8	22.19	0.65	0.23	7	22.21	2.02	0.76	3	22.18	0.04	0.02
	9	10	4.30	2.35	0.74	10	4.10	2.12	0.67	10	3.30	1.34	0.42	3	3.90	0.53	0.31
300-Minute	1	8	2.00	0.65	0.23	8	2.44	0.82	0.29	9	2.44	0.81	0.27	3	2.29	0.25	0.15
	2	9	6.06	1.18	0.39	9	5.67	0.94	0.31	9	5.83	0.83	0.28	3	5.85	0.20	0.11
	3	7	10.43	1.13	0.43	8	10.75	0.60	0.21	9	10.56	1.16	0.39	3	10.58	0.16	0.09
	4	5	15.20	1.15	0.51	6	16.75	0.69	0.28	7	16.29	1.19	0.45	3	16.08	0.80	0.46
	5	7	22.14	1.75	0.66	10	21.50	1.81	0.57	8	22.56	1.82	0.64	3	22.07	0.54	0.31
	9	10	2.80	1.32	0.42	10	4.35	4.12	1.30	10	3.55	2.07	0.66	3	3.57	0.78	0.45
600-Minute	1	6	2.08	0.74	0.30	9	2.33	0.90	0.30	8	2.31	0.59	0.21	3	2.24	0.14	0.08
	2	8	5.94	0.94	0.33	7	5.64	0.94	0.36	9	5.28	0.83	0.28	3	5.62	0.33	0.19
	3	7	11.21	1.29	0.49	8	10.31	0.92	0.33	8	10.44	1.43	0.50	3	10.65	0.49	0.28
	4	7	15.00	1.00	0.38	7	15.93	1.72	0.65	7	16.07	1.34	0.51	3	15.67	0.58	0.34
	5	10	22.50	1.76	0.56	9	21.83	1.94	0.65	9	21.78	1.75	0.58	3	22.04	0.40	0.23
	9	10	4.20	2.86	0.90	10	3.45	2.80	0.89	10	2.80	1.21	0.38	3	3.48	0.70	0.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	6	2.42	0.74	0.30	5	2.50	0.79	0.35	8	2.94	0.62	0.22	3	2.62	0.28	0.16
	2	10	6.00	1.13	0.36	10	5.95	1.09	0.35	8	5.94	1.21	0.43	3	5.96	0.03	0.02
	3	9	11.06	0.73	0.24	10	10.55	1.14	0.36	10	10.40	1.22	0.39	3	10.67	0.34	0.20
	4	10	14.95	0.80	0.25	9	15.72	1.46	0.49	10	15.05	1.14	0.36	3	15.24	0.42	0.24
	5	10	21.55	2.03	0.64	10	22.55	1.80	0.57	10	22.45	1.98	0.63	3	22.18	0.55	0.32
	9	10	7.45	7.27	2.30	10	7.95	7.34	2.32	10	4.75	2.26	0.72	3	6.72	1.72	0.99
30-Minute	1	6	2.67	0.68	0.28	7	2.64	0.80	0.30	5	2.60	0.65	0.29	3	2.64	0.03	0.02
	2	8	6.87	0.69	0.25	8	5.75	1.10	0.39	8	5.12	0.74	0.26	3	5.92	0.89	0.51
	3	8	10.88	1.22	0.43	8	10.56	1.64	0.58	8	10.25	1.16	0.41	3	10.56	0.31	0.18
	4	7	15.93	1.34	0.51	10	16.30	1.40	0.44	5	16.30	1.04	0.46	3	16.18	0.21	0.12
	5	7	21.64	0.99	0.37	9	22.44	1.24	0.41	8	21.75	1.71	0.61	3	21.95	0.44	0.25
	9	9	4.61	2.13	0.71	10	4.95	3.45	1.09	10	5.70	4.88	1.54	3	5.09	0.56	0.32
300-Minute	1	8	2.50	0.60	0.21	5	2.30	0.27	0.12	9	2.61	0.82	0.27	3	2.47	0.16	0.09
	2	9	5.67	1.09	0.36	9	6.11	0.99	0.33	9	6.00	1.09	0.36	3	5.93	0.23	0.13
	3	7	10.79	1.15	0.43	9	10.94	1.01	0.34	10	10.40	1.13	0.36	3	10.71	0.28	0.16
	4	4	15.75	1.04	0.52	6	15.50	1.58	0.65	5	14.00	0.71	0.32	3	15.08	0.95	0.55
	5	4	22.25	1.85	0.92	7	20.71	1.65	0.63	10	21.50	1.37	0.43	3	21.49	0.77	0.44
	9	10	4.00	2.17	0.69	10	5.00	4.00	1.26	10	3.25	1.42	0.45	3	4.08	0.88	0.51
600-Minute	1	7	2.79	0.70	0.26	6	2.33	0.61	0.25	2	2.50	0.71	0.50	3	2.54	0.23	0.13
	2	10	5.85	0.88	0.28	9	5.50	0.83	0.28	9	6.06	0.92	0.31	3	5.80	0.28	0.16
	3	9	10.94	1.38	0.46	8	9.50	1.00	0.35	9	10.28	1.25	0.42	3	10.24	0.72	0.42
	4	10	16.35	1.03	0.33	8	16.19	0.96	0.34	9	15.78	1.20	0.40	3	16.11	0.29	0.17
	5	9	22.72	0.91	0.30	7	21.64	2.01	0.76	8	22.06	2.04	0.72	3	22.14	0.54	0.31
	9	10	4.55	1.80	0.57	10	3.90	1.70	0.54	10	6.05	4.55	1.44	3	4.83	1.10	0.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.11	0.55	0.18	8	2.56	0.78	0.27	8	2.19	0.65	0.23	3	2.29	0.24	0.14
	2	10	5.85	1.13	0.36	9	6.28	1.09	0.36	10	6.10	1.02	0.32	3	6.08	0.21	0.12
	3	10	10.45	1.17	0.37	9	10.00	0.79	0.26	10	11.05	1.38	0.44	3	10.50	0.53	0.30
	4	10	15.05	0.90	0.28	10	14.75	1.38	0.44	10	15.90	1.17	0.37	3	15.23	0.60	0.34
	5	10	20.85	1.20	0.38	10	21.70	1.83	0.58	10	22.65	1.81	0.57	3	21.73	0.90	0.52
	9	10	4.15	4.50	1.42	10	5.05	4.44	1.41	10	5.45	4.60	1.45	3	4.88	0.67	0.38
30-Minute	1	7	2.36	0.75	0.28	10	2.00	0.67	0.21	10	2.00	0.53	0.17	3	2.12	0.21	0.12
	2	10	6.00	0.82	0.26	10	6.65	0.58	0.18	8	6.31	1.31	0.46	3	6.32	0.33	0.19
	3	10	10.55	1.57	0.50	10	10.20	1.27	0.40	9	10.22	1.25	0.42	3	10.32	0.20	0.11
	4	9	15.67	1.06	0.35	9	16.11	0.78	0.26	5	15.40	1.14	0.51	3	15.73	0.36	0.21
	5	9	19.72	1.33	0.44	9	21.67	1.97	0.66	9	22.00	1.32	0.44	3	21.13	1.23	0.71
	9	10	4.10	3.20	1.01	10	2.40	1.26	0.40	10	3.25	2.43	0.77	3	3.25	0.85	0.49
300-Minute	1	9	2.33	0.83	0.28	9	2.28	0.67	0.22	10	2.20	0.82	0.26	3	2.27	0.07	0.04
	2	8	6.00	0.60	0.21	8	5.56	0.90	0.32	10	6.15	1.00	0.32	3	5.90	0.31	0.18
	3	9	11.00	1.22	0.41	9	10.33	1.09	0.36	10	10.40	1.07	0.34	3	10.58	0.37	0.21
	4	7	16.29	1.15	0.43	10	15.50	1.11	0.35	9	16.06	1.21	0.40	3	15.95	0.40	0.23
	5	5	23.50	0.71	0.32	10	21.50	2.32	0.73	10	22.20	1.78	0.56	3	22.40	1.01	0.59
	9	10	3.00	1.31	0.41	10	3.85	2.78	0.88	10	2.45	0.96	0.30	3	3.10	0.71	0.41
600-Minute	1	7	2.21	0.57	0.21	7	1.79	0.57	0.21	8	2.12	0.64	0.23	3	2.04	0.23	0.13
	2	8	6.00	0.93	0.33	9	5.44	1.01	0.34	8	6.25	0.96	0.34	3	5.90	0.41	0.24
	3	10	10.60	1.33	0.42	10	10.15	1.08	0.34	9	10.22	1.54	0.51	3	10.32	0.24	0.14
	4	8	15.31	1.03	0.37	9	15.56	1.31	0.44	10	15.35	1.18	0.37	3	15.41	0.13	0.08
	5	9	22.00	1.27	0.42	10	22.45	1.62	0.51	8	21.81	1.83	0.65	3	22.09	0.33	0.19
	9	10	4.70	4.89	1.55	10	3.20	1.49	0.47	10	2.90	1.29	0.41	3	3.60	0.96	0.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.39	0.70	0.23	9	2.56	0.68	0.23	8	2.44	0.82	0.29	3	2.46	0.09	0.05
	2	8	5.62	1.06	0.38	10	6.45	0.76	0.24	10	6.55	0.76	0.24	3	6.21	0.51	0.29
	3	10	10.70	1.51	0.48	10	10.65	1.29	0.41	10	10.25	1.11	0.35	3	10.53	0.25	0.14
	4	10	15.45	1.32	0.42	9	14.94	1.16	0.39	10	15.05	1.30	0.41	3	15.15	0.27	0.15
	5	10	21.95	1.83	0.58	10	21.00	1.90	0.60	10	21.20	1.42	0.45	3	21.38	0.50	0.29
	9	10	5.80	5.34	1.69	10	6.40	3.91	1.24	10	4.35	2.53	0.80	3	5.52	1.05	0.61
30-Minute	1	7	2.21	0.76	0.29	9	2.39	0.78	0.26	10	2.10	0.70	0.22	3	2.23	0.15	0.08
	2	8	6.44	0.82	0.29	10	6.60	0.52	0.16	9	6.44	0.98	0.33	3	6.49	0.09	0.05
	3	9	10.22	1.33	0.44	10	9.95	1.19	0.38	8	10.06	1.21	0.43	3	10.08	0.14	0.08
	4	9	15.72	1.48	0.49	7	16.00	0.82	0.31	6	15.75	1.37	0.56	3	15.82	0.15	0.09
	5	10	21.45	2.27	0.72	9	22.78	1.46	0.49	8	22.88	1.09	0.39	3	22.37	0.80	0.46
	9	10	4.65	3.66	1.16	10	3.35	2.11	0.67	10	2.55	1.36	0.43	3	3.52	1.06	0.61
300-Minute	1	8	2.62	0.74	0.26	9	2.56	0.68	0.23	10	2.35	0.78	0.25	3	2.51	0.14	0.08
	2	9	5.67	0.25	0.08	9	5.72	0.91	0.30	8	6.19	0.80	0.28	3	5.86	0.29	0.17
	3	9	10.67	0.97	0.32	10	11.05	1.19	0.38	10	10.40	1.24	0.39	3	10.71	0.33	0.19
	4	5	15.90	1.24	0.56	8	15.69	1.39	0.49	8	15.38	1.27	0.45	3	15.65	0.26	0.15
	5	9	22.44	1.93	0.64	10	22.50	1.65	0.52	10	21.95	1.54	0.49	3	22.30	0.30	0.17
	9	10	3.30	1.83	0.58	10	3.10	1.29	0.41	10	2.75	0.98	0.31	3	3.05	0.28	0.16
600-Minute	1	9	2.00	0.71	0.24	9	2.00	0.71	0.24	8	2.37	0.58	0.21	3	2.12	0.22	0.13
	2	10	5.75	0.98	0.31	8	5.75	1.13	0.40	9	5.72	0.87	0.29	3	5.74	0.02	0.01
	3	10	10.65	1.72	0.54	9	11.06	1.40	0.47	9	10.56	1.51	0.50	3	10.75	0.27	0.15
	4	9	15.78	0.75	0.25	10	15.10	1.17	0.37	10	15.90	1.07	0.34	3	15.59	0.43	0.25
	5	9	22.61	1.67	0.56	10	22.60	1.29	0.41	9	22.28	1.80	0.60	3	22.50	0.19	0.11
	9	10	2.55	1.61	0.51	10	2.80	1.62	0.51	10	2.75	0.95	0.30	3	2.70	0.13	0.08

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	23.89	23.59	7.46	10	17.51	10.30	3.26	10	10.92	5.55	1.75	3	17.44	6.49	3.75
	2	10	8.69	5.91	1.87	10	6.81	4.58	1.45	10	10.60	4.15	1.31	3	8.70	1.90	1.09
	3	10	8.48	9.18	2.90	10	7.55	3.20	1.01	10	7.52	4.31	1.36	3	7.85	0.54	0.31
	4	10	6.03	6.24	1.97	10	4.79	3.24	1.02	10	3.28	1.01	0.32	3	4.70	1.38	0.80
	5	10	10.37	13.37	4.23	10	4.64	1.97	0.62	10	3.37	2.59	0.82	3	6.13	3.73	2.15
	6	10	8.73	13.71	4.34	10	4.21	3.33	1.05	10	1.64	0.30	0.09	3	4.86	3.59	2.07
	7	10	42.50	68.58	21.69	10	17.80	14.93	4.72	10	4.91	4.05	1.28	3	21.74	19.10	11.03
	8	10	1.22	2.13	0.67	10	1.00	1.02	0.32	10	0.39	0.47	0.15	3	0.87	0.43	0.25
	9	10	57.46	38.47	12.17	10	41.30	17.20	5.44	10	35.69	11.68	3.69	3	44.82	11.30	6.53
30-Minute	1	10	26.88	21.27	6.73	10	18.37	13.41	4.24	10	22.78	16.07	5.08	3	22.68	4.26	2.46
	2	10	8.86	4.71	1.49	10	10.08	5.62	1.78	10	15.54	10.68	3.38	3	11.49	3.56	2.05
	3	10	6.83	4.64	1.47	10	5.36	3.77	1.19	10	5.58	3.59	1.14	3	5.92	0.79	0.46
	4	10	1.69	1.03	0.33	10	2.65	1.74	0.55	10	1.94	0.90	0.28	3	2.10	0.50	0.29
	5	10	1.53	1.21	0.38	10	2.47	2.48	0.79	10	1.54	0.78	0.25	3	1.85	0.54	0.31
	6	10	0.83	0.87	0.28	10	1.17	1.02	0.32	10	0.50	0.43	0.14	3	0.83	0.33	0.19
	7	10	1.33	1.61	0.51	10	4.09	6.31	2.00	10	0.62	0.58	0.18	3	2.01	1.84	1.06
	8	10	0.04	0.13	0.04	10	0.03	0.09	0.03	10	0.00	0.00	0.00	3	0.02	0.02	0.01
	9	10	45.92	26.30	8.32	10	38.93	20.37	6.44	10	47.38	29.49	9.32	3	44.08	4.52	2.61
300-Minute	1	10	19.97	14.68	4.64	10	14.14	7.46	2.36	10	24.23	9.54	3.02	3	19.45	5.07	2.93
	2	10	10.06	4.97	1.57	10	5.51	2.53	0.80	10	11.29	5.25	1.66	3	8.95	3.04	1.76
	3	10	4.38	3.27	1.04	10	3.22	1.26	0.40	10	4.98	2.97	0.94	3	4.19	0.89	0.52
	4	10	1.13	0.95	0.30	10	1.61	0.76	0.24	10	1.71	1.01	0.32	3	1.48	0.31	0.18
	5	10	1.15	0.86	0.27	10	2.09	1.44	0.46	10	1.37	1.19	0.38	3	1.54	0.49	0.28
	6	10	0.72	0.69	0.22	10	1.50	1.35	0.43	10	0.71	0.55	0.17	3	0.98	0.45	0.26
	7	10	1.05	0.79	0.25	10	3.56	4.42	1.40	10	1.49	3.26	1.03	3	2.03	1.34	0.77
	8	10	0.00	0.00	0.00	10	0.06	0.14	0.04	10	0.00	0.00	0.00	3	0.02	0.04	0.02
	9	10	36.69	21.20	6.70	10	26.57	9.67	3.06	10	43.57	14.64	4.63	3	35.61	8.55	4.94
600-Minute	1	10	27.24	27.84	8.80	10	17.40	10.80	3.42	10	17.06	8.94	2.83	3	20.57	5.78	3.34
	2	10	12.81	13.17	4.16	10	5.43	2.28	0.72	10	6.16	3.24	1.02	3	8.13	4.07	2.35
	3	10	3.89	2.14	0.68	10	3.72	2.56	0.81	10	3.43	1.78	0.56	3	3.68	0.23	0.13
	4	10	1.17	0.67	0.21	10	1.43	0.92	0.29	10	1.31	0.48	0.15	3	1.30	0.13	0.07
	5	10	1.16	0.54	0.17	10	1.02	0.55	0.17	10	1.32	0.64	0.20	3	1.17	0.15	0.09
	6	10	1.13	0.91	0.29	10	0.64	0.52	0.17	10	0.74	0.56	0.18	3	0.84	0.26	0.15
	7	10	0.62	0.50	0.16	10	0.32	0.36	0.11	10	1.01	1.60	0.51	3	0.65	0.35	0.20
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	46.27	41.95	13.27	10	29.00	13.75	4.35	10	29.28	12.42	3.93	3	34.85	9.89	5.71

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	28.28	26.14	8.27	10	21.27	11.55	3.65	10	16.94	8.18	2.59	3	22.16	5.72	3.30
	2	10	10.14	7.39	2.34	10	12.87	5.53	1.75	10	12.83	5.88	1.86	3	11.95	1.57	0.91
	3	10	7.42	4.63	1.46	10	11.94	8.19	2.59	10	10.20	7.10	2.24	3	9.86	2.28	1.32
	4	10	5.98	4.46	1.41	10	11.54	5.84	1.85	10	7.16	4.13	1.31	3	8.23	2.93	1.69
	5	10	11.36	15.04	4.76	10	14.04	8.98	2.84	10	6.52	3.44	1.09	3	10.64	3.81	2.20
	6	10	9.05	11.46	3.62	10	9.11	6.56	2.07	10	4.79	3.21	1.02	3	7.65	2.47	1.43
	7	10	34.57	46.99	14.86	10	50.75	36.09	11.41	10	26.17	20.52	6.49	3	37.16	12.49	7.21
	8	10	1.56	2.72	0.86	10	3.07	3.93	1.24	10	2.07	2.64	0.83	3	2.24	0.77	0.44
	9	10	63.17	54.81	17.33	10	71.67	33.97	10.74	10	53.64	21.97	6.95	3	62.83	9.02	5.21
30-Minute	1	10	21.55	12.31	3.89	10	13.77	4.62	1.46	10	21.51	7.80	2.47	3	18.95	4.48	2.59
	2	10	6.99	4.45	1.41	10	8.78	5.10	1.61	10	10.48	6.15	1.94	3	8.75	1.75	1.01
	3	10	4.52	3.21	1.02	10	4.84	1.73	0.55	10	3.78	2.22	0.70	3	4.38	0.55	0.32
	4	10	2.59	2.46	0.78	10	3.09	1.16	0.37	10	1.03	0.88	0.28	3	2.24	1.07	0.62
	5	10	1.37	1.46	0.46	10	2.05	1.25	0.40	10	0.79	0.60	0.19	3	1.40	0.63	0.36
	6	10	1.14	1.50	0.48	10	1.32	0.62	0.19	10	0.15	0.33	0.10	3	0.87	0.63	0.37
	7	10	2.45	6.48	2.05	10	2.16	1.65	0.52	10	0.12	0.26	0.08	3	1.57	1.27	0.73
	8	10	0.14	0.43	0.14	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.05	0.08	0.05
	9	10	37.03	16.97	5.36	10	32.54	9.91	3.13	10	37.60	13.33	4.22	3	35.72	2.77	1.60
300-Minute	1	10	24.23	13.75	4.35	10	19.81	7.87	2.49	10	22.80	11.09	3.51	3	22.28	2.26	1.30
	2	10	7.01	3.36	1.06	10	8.73	5.44	1.72	10	12.43	5.61	1.78	3	9.39	2.77	1.60
	3	10	3.22	2.47	0.78	10	4.46	2.86	0.91	10	6.07	1.44	0.46	3	4.58	1.43	0.83
	4	10	1.59	1.29	0.41	10	1.89	1.11	0.35	10	2.81	1.00	0.32	3	2.10	0.64	0.37
	5	10	0.86	1.08	0.34	10	1.21	0.86	0.27	10	1.75	0.77	0.24	3	1.27	0.45	0.26
	6	10	0.79	0.73	0.23	10	0.50	0.55	0.17	10	0.91	0.53	0.17	3	0.73	0.21	0.12
	7	10	1.10	1.65	0.52	10	1.20	1.35	0.43	10	1.75	1.87	0.59	3	1.35	0.35	0.20
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	36.90	12.74	4.03	10	36.11	13.64	4.31	10	45.85	14.96	4.73	3	39.62	5.41	3.12
600-Minute	1	10	11.03	7.25	2.29	10	10.60	4.92	1.55	10	12.34	5.11	1.61	3	11.32	0.91	0.52
	2	10	8.96	4.03	1.27	10	8.51	3.60	1.14	10	6.01	2.22	0.70	3	7.83	1.59	0.92
	3	10	4.73	1.63	0.52	10	4.34	2.23	0.71	10	3.56	1.85	0.58	3	4.21	0.60	0.34
	4	10	1.59	0.43	0.14	10	1.88	0.75	0.24	10	1.31	0.63	0.20	3	1.59	0.28	0.16
	5	10	1.65	0.42	0.13	10	1.66	0.69	0.22	10	0.68	0.73	0.23	3	1.33	0.56	0.33
	6	10	0.92	0.48	0.15	10	1.01	0.64	0.20	10	0.70	0.47	0.15	3	0.88	0.16	0.09
	7	10	1.83	0.63	0.20	10	1.74	1.20	0.38	10	0.78	1.01	0.32	3	1.45	0.58	0.33
	8	10	0.01	0.02	0.01	10	0.01	0.02	0.01	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	27.95	11.10	3.51	10	26.99	9.11	2.88	10	23.90	6.38	2.02	3	26.28	2.12	1.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	31.46	20.74	6.56	10	19.73	7.49	2.37	10	21.89	10.53	3.33	3	24.36	6.24	3.60
	2	10	15.23	6.87	2.17	10	14.20	3.81	1.21	10	14.16	5.75	1.82	3	14.53	0.60	0.35
	3	10	10.04	3.15	1.00	10	11.95	5.87	1.85	10	9.50	3.05	0.96	3	10.49	1.29	0.74
	4	10	11.32	8.85	2.80	10	8.73	5.51	1.74	10	6.73	2.65	0.84	3	8.93	2.30	1.33
	5	10	12.57	15.14	4.79	10	6.69	3.21	1.01	10	5.16	1.40	0.44	3	8.14	3.91	2.26
	6	10	9.47	9.84	3.11	10	5.15	4.92	1.55	10	3.49	1.63	0.52	3	6.04	3.09	1.78
	7	10	39.77	43.71	13.82	10	27.69	26.66	8.43	10	13.95	8.74	2.76	3	27.14	12.92	7.46
	8	10	1.27	1.02	0.32	10	1.44	1.81	0.57	10	0.67	0.70	0.22	3	1.13	0.40	0.23
	9	10	80.62	49.13	15.54	10	61.30	17.59	5.56	10	57.44	12.36	3.91	3	66.45	12.42	7.17
30-Minute	1	10	33.38	24.89	7.87	10	29.34	7.98	2.52	10	29.96	16.91	5.35	3	30.90	2.17	1.25
	2	10	14.05	6.27	1.98	10	15.81	5.62	1.78	10	17.62	7.88	2.49	3	15.83	1.79	1.03
	3	10	14.17	7.37	2.33	10	8.73	3.26	1.03	10	9.12	4.22	1.33	3	10.67	3.03	1.75
	4	10	5.13	2.83	0.89	10	4.17	1.98	0.63	10	2.24	1.03	0.33	3	3.85	1.47	0.85
	5	10	3.63	2.07	0.66	10	4.13	2.40	0.76	10	1.85	1.07	0.34	3	3.20	1.20	0.69
	6	10	2.33	1.58	0.50	10	2.45	1.39	0.44	10	1.05	0.68	0.21	3	1.94	0.78	0.45
	7	10	3.70	3.51	1.11	10	4.86	5.45	1.72	10	1.37	1.21	0.38	3	3.31	1.78	1.03
	8	10	0.15	0.35	0.11	10	0.01	0.05	0.01	10	0.00	0.00	0.00	3	0.06	0.08	0.05
	9	10	70.94	31.98	10.11	10	62.18	9.26	2.93	10	60.80	17.69	5.59	3	64.64	5.50	3.17
300-Minute	1	10	45.95	32.20	10.18	10	26.15	12.91	4.08	10	41.61	15.71	4.97	3	37.90	10.40	6.01
	2	10	16.55	6.91	2.18	10	13.84	4.16	1.32	10	21.70	15.39	4.87	3	17.36	3.99	2.31
	3	10	6.20	3.49	1.10	10	7.12	4.00	1.27	10	8.47	2.53	0.80	3	7.27	1.14	0.66
	4	10	3.11	2.53	0.80	10	4.93	2.87	0.91	10	4.81	1.33	0.42	3	4.28	1.02	0.59
	5	10	1.50	1.29	0.41	10	3.42	1.51	0.48	10	3.72	2.03	0.64	3	2.88	1.20	0.69
	6	10	1.22	0.95	0.30	10	2.09	1.08	0.34	10	1.86	1.69	0.54	3	1.72	0.45	0.26
	7	10	1.39	1.79	0.57	10	4.09	3.00	0.95	10	3.34	2.63	0.83	3	2.94	1.39	0.80
	8	10	0.01	0.03	0.01	10	0.02	0.07	0.02	10	0.00	0.00	0.00	3	0.01	0.01	0.01
	9	10	73.31	39.24	12.41	10	55.46	13.51	4.27	10	80.30	31.17	9.86	3	69.69	12.81	7.39
600-Minute	1	10	34.66	17.33	5.48	10	26.83	13.08	4.14	10	23.64	12.37	3.91	3	28.38	5.67	3.27
	2	10	14.41	7.20	2.28	10	16.09	6.36	2.01	10	11.64	3.90	1.23	3	14.05	2.25	1.30
	3	10	9.18	1.51	0.48	10	9.83	5.09	1.61	10	6.28	2.08	0.66	3	8.43	1.89	1.09
	4	10	4.60	2.08	0.66	10	3.53	1.78	0.56	10	2.97	1.38	0.44	3	3.70	0.83	0.48
	5	10	2.54	1.25	0.39	10	2.95	1.07	0.34	10	1.74	1.70	0.54	3	2.41	0.62	0.36
	6	10	2.17	0.93	0.29	10	1.69	0.80	0.25	10	0.96	0.86	0.27	3	1.60	0.61	0.35
	7	10	2.32	1.22	0.39	10	2.16	1.14	0.36	10	1.71	1.54	0.49	3	2.06	0.32	0.18
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	65.40	22.32	7.06	10	59.23	17.84	5.64	10	46.27	12.41	3.93	3	56.97	9.76	5.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 122X DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	33.91	13.95	4.41	10	20.47	10.58	3.34	10	21.26	11.18	3.53	3	25.21	7.55	4.36
	2	10	13.26	7.56	2.39	10	14.71	5.91	1.87	10	16.52	9.21	2.91	3	14.83	1.63	0.94
	3	10	12.97	4.28	1.35	10	13.91	6.58	2.08	10	12.80	5.41	1.71	3	13.23	0.60	0.35
	4	10	8.71	5.04	1.60	10	10.52	6.25	1.98	10	6.70	2.92	0.92	3	8.64	1.91	1.10
	5	10	9.74	9.71	3.07	10	12.23	11.93	3.77	10	5.55	1.60	0.51	3	9.17	3.38	1.95
	6	10	8.35	8.91	2.82	10	7.21	6.46	2.04	10	3.75	1.85	0.58	3	6.44	2.40	1.38
	7	10	37.42	31.51	9.97	10	44.76	42.99	13.59	10	16.87	13.61	4.31	3	33.02	14.46	8.35
	8	10	1.71	1.47	0.47	10	1.80	2.31	0.73	10	0.92	1.16	0.37	3	1.48	0.49	0.28
	9	10	78.59	33.48	10.59	10	71.84	34.70	10.97	10	62.82	20.52	6.49	3	71.08	7.91	4.57
30-Minute	1	10	35.71	24.60	7.78	10	28.85	10.58	3.35	10	33.72	14.70	4.65	3	32.76	3.53	2.04
	2	10	16.22	7.90	2.50	10	18.43	5.90	1.87	10	20.27	10.71	3.39	3	18.31	2.03	1.17
	3	10	14.60	7.41	2.34	10	10.15	3.41	1.08	10	9.66	4.30	1.36	3	11.47	2.72	1.57
	4	10	4.73	1.48	0.47	10	4.40	2.01	0.64	10	2.46	1.66	0.53	3	3.86	1.23	0.71
	5	10	4.42	2.08	0.66	10	4.71	2.55	0.81	10	2.25	1.35	0.43	3	3.80	1.35	0.78
	6	10	2.25	1.63	0.51	10	2.73	1.12	0.35	10	1.42	0.88	0.28	3	2.14	0.66	0.38
	7	10	5.61	6.11	1.93	10	6.54	3.75	1.19	10	1.19	1.16	0.37	3	4.44	2.86	1.65
	8	10	0.18	0.51	0.16	10	0.06	0.10	0.03	10	0.00	0.00	0.00	3	0.08	0.09	0.05
	9	10	75.98	36.94	11.68	10	66.54	13.70	4.33	10	68.35	22.95	7.26	3	70.29	5.01	2.89
300-Minute	1	10	45.77	30.64	9.69	10	30.51	16.43	5.19	10	44.37	23.81	7.53	3	40.22	8.44	4.87
	2	10	19.76	11.56	3.65	10	14.64	5.77	1.83	10	25.28	18.45	5.83	3	19.89	5.32	3.07
	3	10	8.94	4.36	1.38	10	8.02	3.69	1.17	10	9.98	4.00	1.26	3	8.98	0.98	0.56
	4	10	3.17	2.02	0.64	10	4.34	3.20	1.01	10	4.89	2.42	0.77	3	4.14	0.88	0.51
	5	10	2.40	2.03	0.64	10	3.68	1.88	0.60	10	3.74	1.33	0.42	3	3.27	0.76	0.44
	6	10	1.65	0.95	0.30	10	2.73	1.13	0.36	10	2.16	1.54	0.49	3	2.18	0.54	0.31
	7	10	1.77	1.64	0.52	10	4.29	3.03	0.96	10	3.99	3.59	1.14	3	3.35	1.38	0.80
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	80.04	40.35	12.76	10	61.20	21.75	6.88	10	88.27	44.66	14.12	3	76.50	13.88	8.01
600-Minute	1	10	33.81	17.08	5.40	10	26.72	13.59	4.30	10	28.95	14.54	4.60	3	29.83	3.62	2.09
	2	10	11.24	5.40	1.71	10	16.65	8.39	2.65	10	14.54	6.43	2.03	3	14.14	2.72	1.57
	3	10	8.62	2.99	0.94	10	9.46	4.77	1.51	10	7.15	2.80	0.89	3	8.41	1.17	0.68
	4	10	4.17	1.85	0.58	10	3.74	1.69	0.53	10	3.45	1.70	0.54	3	3.79	0.36	0.21
	5	10	3.32	1.31	0.42	10	3.41	0.76	0.24	10	2.29	1.62	0.51	3	3.00	0.62	0.36
	6	10	2.12	0.91	0.29	10	2.11	0.48	0.15	10	1.07	0.90	0.28	3	1.77	0.60	0.35
	7	10	4.01	2.09	0.66	10	3.73	1.80	0.57	10	3.05	3.03	0.96	3	3.59	0.49	0.29
	8	10	0.00	0.00	0.00	10	0.02	0.07	0.02	10	0.01	0.03	0.01	3	0.01	0.01	0.01
	9	10	61.16	24.23	7.66	10	59.98	20.68	6.54	10	56.38	16.86	5.33	3	59.18	2.49	1.44

Animal 4E5

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	25.15	9.63	3.04	10	28.90	10.86	3.44	10	32.47	12.24	3.87	3	28.84	3.66	2.11
	2	10	12.99	3.61	1.14	10	13.06	3.71	1.17	10	14.45	4.81	1.52	3	13.50	0.82	0.47
	3	10	15.00	5.54	1.75	10	18.00	3.77	1.19	10	15.25	6.76	2.14	3	16.08	1.67	0.96
	4	10	16.83	5.19	1.64	10	16.08	5.64	1.78	10	13.14	6.17	1.95	3	15.35	1.95	1.13
	5	10	30.04	12.44	3.93	10	23.95	11.54	3.65	10	24.69	10.36	3.28	3	26.23	3.32	1.92
30-Minute	1	10	13.33	5.67	1.79	10	20.02	9.26	2.93	10	17.08	9.81	3.10	3	16.81	3.36	1.94
	2	10	12.14	3.07	0.97	10	10.64	2.94	0.93	10	13.77	6.31	2.00	3	12.18	1.57	0.91
	3	10	13.66	4.45	1.41	10	16.58	6.18	1.96	10	16.01	3.93	1.24	3	15.42	1.55	0.90
	4	10	18.13	4.07	1.29	10	19.49	5.89	1.86	10	17.60	5.56	1.76	3	18.41	0.97	0.56
	5	10	42.74	5.87	1.86	10	33.27	7.74	2.45	10	35.53	11.42	3.61	3	37.18	4.95	2.86
90-Minute	1	10	16.04	5.26	1.66	10	21.08	12.25	3.87	10	17.93	6.28	1.99	3	18.35	2.55	1.47
	2	10	11.51	3.57	1.13	10	12.60	3.38	1.07	10	11.51	2.12	0.67	3	11.87	0.63	0.36
	3	10	11.69	3.68	1.16	10	13.99	3.46	1.09	10	14.08	6.05	1.91	3	13.25	1.36	0.78
	4	10	14.88	6.48	2.05	10	15.69	5.20	1.65	10	16.80	4.40	1.39	3	15.79	0.96	0.56
	5	10	45.88	11.62	3.68	10	36.64	12.40	3.92	10	39.68	9.64	3.05	3	40.73	4.71	2.72
300-Minute	1	10	10.06	3.46	1.09	10	15.31	9.25	2.93	10	16.52	7.57	2.39	3	13.96	3.44	1.98
	2	10	10.80	3.80	1.20	10	12.26	3.87	1.22	10	14.47	6.66	2.10	3	12.51	1.84	1.07
	3	10	15.80	6.27	1.98	10	16.25	4.88	1.54	10	14.33	4.77	1.51	3	15.46	1.00	0.58
	4	10	18.90	7.14	2.26	10	16.35	3.71	1.17	10	14.56	4.26	1.35	3	16.60	2.18	1.26
	5	10	44.43	8.23	2.60	10	39.82	8.63	2.73	10	40.12	14.86	4.70	3	41.46	2.58	1.49
600-Minute	1	10	17.36	7.92	2.50	10	16.04	5.66	1.79	10	31.57	12.10	3.82	3	21.66	8.61	4.97
	2	10	10.97	3.44	1.09	10	12.86	3.68	1.16	10	16.75	4.01	1.27	3	13.53	2.95	1.70
	3	10	15.61	5.20	1.64	10	13.67	4.64	1.47	10	16.34	6.58	2.08	3	15.21	1.38	0.80
	4	10	17.83	4.88	1.54	10	15.67	5.04	1.59	10	17.77	6.42	2.03	3	17.09	1.23	0.71
	5	10	38.23	4.70	1.49	10	41.76	6.84	2.16	10	17.56	9.41	2.97	3	32.52	13.07	7.55

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	22.04	7.43	2.35	10	27.01	12.96	4.10	10	19.46	8.51	2.69	3	22.84	3.84	2.22
	2	10	11.16	4.44	1.41	10	13.87	2.92	0.92	10	15.84	8.34	2.64	3	13.62	2.35	1.35
	3	10	16.56	8.31	2.63	10	22.12	6.82	2.16	10	17.13	5.97	1.89	3	18.60	3.06	1.77
	4	10	29.05	7.77	2.46	10	22.45	7.55	2.39	10	27.86	10.56	3.34	3	26.45	3.52	2.03
	5	10	21.19	6.50	2.06	10	14.55	6.01	1.90	10	19.72	11.34	3.59	3	18.48	3.49	2.01
30-Minute	1	10	18.48	7.34	2.32	10	16.79	8.03	2.54	10	20.30	11.03	3.49	3	18.52	1.76	1.01
	2	10	13.21	3.69	1.17	10	12.79	4.79	1.51	10	13.11	5.52	1.75	3	13.04	0.22	0.13
	3	10	20.09	6.14	1.94	10	17.38	3.33	1.05	10	16.21	6.63	2.10	3	17.89	1.99	1.15
	4	10	25.29	7.54	2.38	10	28.79	8.90	2.81	10	32.10	9.66	3.05	3	28.72	3.41	1.97
	5	10	22.94	5.52	1.74	10	24.26	9.27	2.93	10	18.28	6.39	2.02	3	21.82	3.14	1.81
90-Minute	1	10	15.52	5.00	1.58	10	17.89	4.07	1.29	10	16.25	8.27	2.62	3	16.55	1.22	0.70
	2	10	13.12	4.77	1.51	10	13.21	4.75	1.50	10	12.06	4.30	1.36	3	12.80	0.64	0.37
	3	10	14.83	6.21	1.96	10	16.64	5.96	1.89	10	16.30	7.36	2.33	3	15.92	0.96	0.56
	4	10	23.64	5.41	1.71	10	26.95	6.95	2.20	10	31.58	7.54	2.39	3	27.39	3.99	2.30
	5	10	32.89	6.96	2.20	10	25.31	8.40	2.66	10	23.80	6.87	2.17	3	27.34	4.87	2.81
300-Minute	1	10	15.96	5.05	1.60	10	16.55	6.95	2.20	10	16.70	4.82	1.52	3	16.40	0.39	0.23
	2	10	13.47	5.05	1.60	10	11.98	4.59	1.45	10	13.67	5.60	1.77	3	13.04	0.93	0.53
	3	10	16.86	3.50	1.11	10	16.03	6.09	1.93	10	15.64	3.72	1.18	3	16.18	0.62	0.36
	4	10	29.50	8.17	2.58	10	30.44	8.71	2.75	10	27.11	9.27	2.93	3	29.02	1.72	0.99
	5	10	24.21	7.79	2.46	10	25.00	5.06	1.60	10	26.87	8.39	2.65	3	25.36	1.37	0.79
600-Minute	1	10	17.69	5.70	1.80	10	18.39	6.28	1.99	10	31.93	10.78	3.41	3	22.67	8.03	4.64
	2	10	15.75	4.41	1.39	10	17.80	5.19	1.64	10	17.34	6.94	2.19	3	16.96	1.08	0.62
	3	10	19.54	4.97	1.57	10	16.30	4.67	1.48	10	17.91	7.08	2.24	3	17.91	1.62	0.94
	4	10	22.78	5.75	1.82	10	29.13	10.65	3.37	10	18.46	6.52	2.06	3	23.46	5.36	3.10
	5	10	24.24	7.01	2.22	10	18.39	4.08	1.29	10	14.35	8.06	2.55	3	19.00	4.97	2.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	21.55	6.13	1.94	10	25.23	7.70	2.43	10	34.45	15.49	4.90	3	27.08	6.65	3.84
	2	10	13.11	7.00	2.21	10	15.93	6.21	1.96	10	15.77	7.32	2.31	3	14.94	1.58	0.91
	3	10	15.22	3.73	1.18	10	15.68	3.69	1.17	10	14.85	6.23	1.97	3	15.25	0.42	0.24
	4	10	16.04	6.91	2.19	10	15.36	4.70	1.48	10	14.31	6.67	2.11	3	15.23	0.87	0.50
	5	10	34.08	8.02	2.54	10	27.81	6.82	2.16	10	20.63	8.39	2.65	3	27.50	6.73	3.89
30-Minute	1	10	18.87	11.49	3.63	10	15.20	6.74	2.13	10	16.82	5.97	1.89	3	16.97	1.84	1.06
	2	10	14.28	4.27	1.35	10	14.14	4.43	1.40	10	12.36	3.93	1.24	3	13.59	1.07	0.62
	3	10	14.90	6.59	2.08	10	18.85	4.31	1.36	10	15.84	5.89	1.86	3	16.53	2.07	1.19
	4	10	14.10	4.02	1.27	10	16.01	3.99	1.26	10	19.74	4.20	1.33	3	16.62	2.87	1.65
	5	10	37.85	11.48	3.63	10	35.80	9.56	3.02	10	35.24	8.60	2.72	3	36.29	1.37	0.79
90-Minute	1	10	11.46	5.97	1.89	10	18.50	5.20	1.65	10	18.96	4.88	1.54	3	16.31	4.21	2.43
	2	10	11.64	4.07	1.29	10	13.76	5.47	1.73	10	15.19	4.33	1.37	3	13.53	1.79	1.03
	3	10	14.88	3.68	1.16	10	12.21	4.02	1.27	10	14.37	4.63	1.46	3	13.82	1.42	0.82
	4	10	17.11	4.29	1.36	10	14.88	3.53	1.12	10	16.35	4.95	1.56	3	16.12	1.14	0.66
	5	10	44.91	7.93	2.51	10	40.65	6.15	1.94	10	35.12	8.33	2.64	3	40.23	4.91	2.83
300-Minute	1	10	12.50	3.53	1.12	10	12.90	5.73	1.81	10	17.20	4.89	1.55	3	14.20	2.61	1.50
	2	10	13.84	4.88	1.54	10	14.09	6.81	2.15	10	14.26	4.46	1.41	3	14.06	0.21	0.12
	3	10	19.23	6.31	1.99	10	16.74	5.96	1.88	10	17.04	5.73	1.81	3	17.67	1.36	0.78
	4	10	17.40	4.23	1.34	10	18.10	3.66	1.16	10	17.02	6.68	2.11	3	17.51	0.55	0.32
	5	10	37.04	7.42	2.35	10	38.17	7.80	2.47	10	34.48	12.44	3.93	3	36.56	1.89	1.09
600-Minute	1	10	14.74	6.47	2.05	10	19.28	8.61	2.72	10	27.48	11.78	3.73	3	20.50	6.45	3.73
	2	10	11.31	3.66	1.16	10	15.66	4.68	1.48	10	18.65	8.37	2.65	3	15.20	3.69	2.13
	3	10	15.23	4.35	1.38	10	13.40	4.84	1.53	10	23.03	8.87	2.81	3	17.22	5.11	2.95
	4	10	23.13	5.72	1.81	10	16.11	4.13	1.31	10	16.74	5.66	1.79	3	18.66	3.89	2.24
	5	10	35.59	9.11	2.88	10	35.55	9.55	3.02	10	14.11	9.26	2.93	3	28.42	12.39	7.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	27.30	7.11	2.25	10	30.84	9.30	2.94	10	28.16	8.23	2.60	3	28.77	1.85	1.07
	2	10	15.59	7.55	2.39	10	13.92	5.33	1.69	10	17.14	7.93	2.51	3	15.55	1.61	0.93
	3	10	21.25	10.12	3.20	10	19.22	6.23	1.97	10	13.94	2.69	0.85	3	18.14	3.77	2.18
	4	10	15.26	5.28	1.67	10	15.77	3.46	1.09	10	16.05	4.12	1.30	3	15.69	0.40	0.23
	5	10	20.59	4.44	1.40	10	20.25	6.72	2.13	10	24.70	9.53	3.01	3	21.85	2.48	1.43
30-Minute	1	10	26.61	9.46	2.99	10	17.97	5.88	1.86	10	19.55	7.24	2.29	3	21.38	4.60	2.65
	2	10	15.30	2.80	0.89	10	18.40	6.36	2.01	10	17.37	5.08	1.61	3	17.02	1.58	0.91
	3	10	19.96	6.82	2.16	10	27.40	5.22	1.65	10	23.63	5.25	1.66	3	23.66	3.72	2.15
	4	10	13.03	3.66	1.16	10	14.20	4.99	1.58	10	20.85	7.99	2.53	3	16.02	4.22	2.44
	5	10	25.11	7.13	2.25	10	22.03	3.52	1.11	10	18.60	6.14	1.94	3	21.91	3.25	1.88
90-Minute	1	10	21.07	8.74	2.76	10	25.18	7.36	2.33	10	22.51	8.38	2.65	3	22.92	2.09	1.20
	2	10	17.31	6.14	1.94	10	19.66	6.04	1.91	10	18.68	6.21	1.96	3	18.55	1.18	0.68
	3	10	19.08	1.40	0.44	10	19.57	5.62	1.78	10	19.57	4.93	1.56	3	19.41	0.28	0.16
	4	10	13.91	2.99	0.95	10	14.39	5.56	1.76	10	16.22	3.07	0.97	3	14.84	1.22	0.71
	5	10	28.64	8.07	2.55	10	21.20	5.46	1.73	10	23.02	3.14	0.99	3	24.28	3.88	2.24
300-Minute	1	10	16.02	5.36	1.70	10	22.19	9.83	3.11	10	18.81	6.99	2.21	3	19.01	3.09	1.78
	2	10	18.66	6.35	2.01	10	16.84	5.29	1.67	10	15.41	4.29	1.36	3	16.97	1.63	0.94
	3	10	24.03	7.71	2.44	10	23.08	7.09	2.24	10	21.36	7.35	2.33	3	22.82	1.35	0.78
	4	10	14.76	3.62	1.15	10	13.55	3.74	1.18	10	17.49	6.20	1.96	3	15.27	2.02	1.17
	5	10	26.55	6.88	2.17	10	24.34	6.50	2.05	10	26.92	8.70	2.75	3	25.93	1.40	0.81
600-Minute	1	10	23.10	9.86	3.12	10	25.08	9.22	2.92	10	26.79	11.14	3.52	3	24.99	1.85	1.07
	2	10	15.88	4.53	1.43	10	21.23	2.80	0.89	10	22.71	6.32	2.00	3	19.94	3.59	2.07
	3	10	21.41	6.53	2.06	10	21.04	8.97	2.84	10	25.89	10.40	3.29	3	22.78	2.70	1.56
	4	10	18.33	7.32	2.32	10	14.37	3.72	1.18	10	13.39	4.98	1.57	3	15.37	2.62	1.51
	5	10	21.28	5.66	1.79	10	18.28	5.07	1.60	10	11.22	4.61	1.46	3	16.93	5.17	2.98

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	1.94	0.28	0.09	10	1.85	0.26	0.08	10	1.90	0.17	0.06	3	1.90	0.04	0.02
	2	10	5.55	0.34	0.11	10	5.64	0.37	0.12	10	5.71	0.35	0.11	3	5.63	0.08	0.05
	3	10	10.33	0.37	0.12	10	10.18	0.20	0.06	10	9.93	0.32	0.10	3	10.15	0.20	0.12
	4	10	15.34	0.33	0.11	10	15.10	0.31	0.10	10	15.37	0.25	0.08	3	15.27	0.14	0.08
	5	10	21.40	0.43	0.14	10	21.23	0.50	0.16	10	21.16	0.59	0.19	3	21.26	0.12	0.07
	9	10	11.75	2.17	0.69	10	10.63	2.10	0.66	10	10.16	2.41	0.76	3	10.85	0.82	0.47
30-Minute	1	10	2.06	0.26	0.08	10	1.92	0.32	0.10	10	2.13	0.22	0.07	3	2.04	0.11	0.06
	2	10	5.63	0.26	0.08	10	5.58	0.36	0.11	10	5.79	0.26	0.08	3	5.67	0.11	0.06
	3	10	10.45	0.46	0.14	10	10.31	0.32	0.10	10	10.10	0.40	0.13	3	10.29	0.18	0.10
	4	10	15.20	0.52	0.16	10	15.47	0.46	0.14	10	15.33	0.23	0.07	3	15.34	0.14	0.08
	5	10	21.63	0.37	0.12	10	21.41	0.63	0.20	10	21.25	0.64	0.20	3	21.43	0.19	0.11
	9	10	14.38	1.00	0.32	10	12.85	1.38	0.44	10	13.07	2.34	0.74	3	13.43	0.83	0.48
90-Minute	1	10	2.03	0.27	0.09	10	1.86	0.24	0.08	10	1.90	0.33	0.10	3	1.93	0.09	0.05
	2	10	5.78	0.36	0.12	10	5.74	0.49	0.16	10	5.71	0.42	0.13	3	5.74	0.03	0.02
	3	10	10.13	0.38	0.12	10	10.17	0.46	0.14	10	10.30	0.47	0.15	3	10.20	0.09	0.05
	4	10	15.23	0.43	0.14	10	15.27	0.38	0.12	10	15.52	0.31	0.10	3	15.34	0.16	0.09
	5	10	21.60	0.31	0.10	10	21.55	0.65	0.20	10	21.02	0.38	0.12	3	21.39	0.32	0.19
	9	10	14.38	1.59	0.50	10	12.85	2.77	0.87	10	13.38	1.60	0.51	3	13.53	0.78	0.45
300-Minute	1	10	2.21	0.31	0.10	10	2.15	0.29	0.09	10	2.10	0.36	0.11	3	2.15	0.06	0.03
	2	10	5.68	0.38	0.12	10	5.77	0.34	0.11	10	5.87	0.50	0.16	3	5.77	0.10	0.06
	3	10	10.24	0.53	0.17	10	10.07	0.44	0.14	10	10.31	0.40	0.13	3	10.21	0.12	0.07
	4	10	15.47	0.32	0.10	10	15.29	0.24	0.08	10	15.32	0.55	0.17	3	15.36	0.10	0.06
	5	10	21.55	0.53	0.17	10	21.31	0.53	0.17	10	21.35	0.69	0.22	3	21.40	0.13	0.08
	9	10	14.98	1.22	0.39	10	13.67	1.67	0.53	10	13.50	2.50	0.79	3	14.05	0.81	0.47
600-Minute	1	10	2.03	0.20	0.06	10	2.10	0.27	0.09	10	2.02	0.27	0.09	3	2.05	0.04	0.02
	2	10	5.68	0.36	0.12	10	5.81	0.42	0.13	10	5.73	0.45	0.14	3	5.74	0.07	0.04
	3	10	10.15	0.41	0.13	10	10.29	0.46	0.15	10	10.14	0.35	0.11	3	10.19	0.09	0.05
	4	10	15.23	0.49	0.16	10	15.56	0.44	0.14	10	15.18	0.48	0.15	3	15.33	0.21	0.12
	5	10	21.48	0.65	0.21	10	21.24	0.67	0.21	10	20.96	0.26	0.08	3	21.23	0.26	0.15
	9	10	13.47	1.48	0.47	10	13.80	1.34	0.42	10	9.63	2.27	0.72	3	12.30	2.32	1.34

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.09	0.26	0.08	10	2.21	0.20	0.06	10	1.96	0.16	0.05	3	2.08	0.12	0.07
	2	10	5.51	0.57	0.18	10	5.62	0.31	0.10	10	5.66	0.37	0.12	3	5.60	0.07	0.04
	3	10	10.40	0.45	0.14	10	10.31	0.54	0.17	10	10.13	0.40	0.13	3	10.28	0.13	0.08
	4	10	15.21	0.42	0.13	10	15.03	0.38	0.12	10	14.92	0.39	0.12	3	15.05	0.15	0.08
	5	10	20.92	0.58	0.18	10	20.91	0.47	0.15	10	21.07	0.77	0.24	3	20.97	0.09	0.05
	9	10	11.64	1.30	0.41	10	10.09	1.97	0.62	10	11.28	2.38	0.75	3	11.01	0.81	0.47
30-Minute	1	10	2.09	0.24	0.08	10	2.06	0.20	0.06	10	2.18	0.25	0.08	3	2.11	0.07	0.04
	2	10	5.56	0.34	0.11	10	5.77	0.34	0.11	10	5.52	0.27	0.08	3	5.62	0.14	0.08
	3	10	10.41	0.49	0.16	10	10.30	0.46	0.15	10	10.41	0.22	0.07	3	10.37	0.07	0.04
	4	10	15.46	0.47	0.15	10	15.38	0.37	0.12	10	15.14	0.48	0.15	3	15.33	0.17	0.10
	5	10	20.81	0.52	0.16	10	20.63	0.38	0.12	10	20.75	0.61	0.19	3	20.73	0.09	0.05
	9	10	11.88	0.95	0.30	10	12.32	1.33	0.42	10	11.51	1.59	0.50	3	11.90	0.41	0.24
90-Minute	1	10	2.21	0.13	0.04	10	2.10	0.29	0.09	10	2.21	0.18	0.06	3	2.17	0.07	0.04
	2	10	5.57	0.32	0.10	10	5.78	0.30	0.09	10	5.81	0.39	0.12	3	5.72	0.13	0.08
	3	10	10.17	0.27	0.09	10	10.23	0.40	0.13	10	10.43	0.31	0.10	3	10.28	0.14	0.08
	4	10	15.32	0.46	0.15	10	15.55	0.47	0.15	10	15.26	0.36	0.11	3	15.38	0.15	0.09
	5	10	21.17	0.65	0.21	10	20.94	0.60	0.19	10	20.60	0.38	0.12	3	20.90	0.29	0.17
	9	10	13.15	1.14	0.36	10	12.33	1.34	0.43	10	12.49	1.18	0.37	3	12.66	0.44	0.25
300-Minute	1	10	2.11	0.25	0.08	10	2.15	0.25	0.08	10	2.28	0.26	0.08	3	2.18	0.09	0.05
	2	10	5.72	0.41	0.13	10	5.71	0.30	0.10	10	5.59	0.25	0.08	3	5.67	0.08	0.04
	3	10	10.17	0.47	0.15	10	10.33	0.38	0.12	10	10.19	0.41	0.13	3	10.23	0.09	0.05
	4	10	15.41	0.30	0.10	10	15.54	0.47	0.15	10	15.59	0.27	0.09	3	15.51	0.09	0.05
	5	10	20.88	0.33	0.10	10	20.55	0.39	0.12	10	20.54	0.45	0.14	3	20.66	0.19	0.11
	9	10	12.41	1.02	0.32	10	12.59	1.43	0.45	10	12.48	1.41	0.44	3	12.49	0.09	0.05
600-Minute	1	10	2.17	0.28	0.09	10	2.30	0.14	0.04	10	2.06	0.20	0.06	3	2.18	0.12	0.07
	2	10	5.67	0.56	0.18	10	5.85	0.49	0.15	10	5.67	0.35	0.11	3	5.73	0.10	0.06
	3	10	9.96	0.41	0.13	10	10.04	0.39	0.12	10	10.26	0.55	0.17	3	10.09	0.16	0.09
	4	10	15.42	0.37	0.12	10	15.24	0.28	0.09	10	15.05	0.48	0.15	3	15.24	0.19	0.11
	5	10	20.54	0.30	0.10	10	20.90	0.64	0.20	10	20.92	0.74	0.23	3	20.79	0.22	0.13
	9	10	11.71	1.11	0.35	10	11.40	0.78	0.25	10	9.25	1.64	0.52	3	10.79	1.34	0.77

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.19	0.21	0.07	10	2.14	0.23	0.07	10	2.22	0.22	0.07	3	2.18	0.04	0.02
	2	10	5.45	0.36	0.11	10	5.41	0.23	0.07	10	5.38	0.36	0.11	3	5.41	0.04	0.02
	3	10	10.24	0.44	0.14	10	10.33	0.30	0.09	10	10.59	0.44	0.14	3	10.38	0.18	0.10
	4	10	15.13	0.31	0.10	10	15.47	0.39	0.12	10	14.99	0.34	0.11	3	15.20	0.24	0.14
	5	10	21.85	0.53	0.17	10	21.75	0.41	0.13	10	21.45	0.68	0.22	3	21.68	0.21	0.12
	9	10	12.61	1.34	0.42	10	11.44	1.42	0.45	10	9.73	2.27	0.72	3	11.26	1.45	0.84
30-Minute	1	10	2.25	0.22	0.07	10	2.18	0.26	0.08	10	2.21	0.20	0.06	3	2.21	0.03	0.02
	2	10	5.42	0.42	0.13	10	5.63	0.26	0.08	10	5.53	0.40	0.13	3	5.52	0.10	0.06
	3	10	10.08	0.44	0.14	10	10.08	0.44	0.14	10	10.29	0.32	0.10	3	10.15	0.12	0.07
	4	10	15.44	0.29	0.09	10	15.31	0.52	0.16	10	15.03	0.34	0.11	3	15.26	0.21	0.12
	5	10	21.61	0.41	0.13	10	21.76	0.42	0.13	10	21.88	0.27	0.09	3	21.75	0.14	0.08
	9	10	13.10	2.43	0.77	10	13.26	1.43	0.45	10	13.36	1.33	0.42	3	13.24	0.13	0.08
90-Minute	1	10	2.21	0.27	0.08	10	2.23	0.25	0.08	10	2.25	0.26	0.08	3	2.23	0.02	0.01
	2	10	5.63	0.41	0.13	10	5.42	0.47	0.15	10	5.56	0.34	0.11	3	5.54	0.11	0.06
	3	10	10.45	0.28	0.09	10	10.45	0.37	0.12	10	10.46	0.40	0.13	3	10.45	0.01	0.00
	4	10	15.38	0.28	0.09	10	15.59	0.49	0.15	10	15.37	0.36	0.11	3	15.45	0.12	0.07
	5	10	21.91	0.38	0.12	10	21.79	0.34	0.11	10	21.22	0.59	0.19	3	21.64	0.37	0.21
	9	10	14.93	1.47	0.46	10	13.60	1.10	0.35	10	12.73	1.04	0.33	3	13.75	1.11	0.64
300-Minute	1	10	2.25	0.25	0.08	10	2.15	0.22	0.07	10	2.23	0.23	0.07	3	2.21	0.05	0.03
	2	10	5.60	0.45	0.14	10	5.69	0.43	0.13	10	5.72	0.29	0.09	3	5.67	0.06	0.03
	3	10	9.90	0.45	0.14	10	10.22	0.38	0.12	10	10.19	0.40	0.13	3	10.10	0.17	0.10
	4	10	15.44	0.46	0.14	10	15.18	0.35	0.11	10	15.19	0.41	0.13	3	15.27	0.15	0.09
	5	10	21.57	0.38	0.12	10	21.57	0.58	0.18	10	21.77	0.61	0.19	3	21.64	0.11	0.07
	9	10	13.63	1.29	0.41	10	13.76	1.06	0.34	10	13.02	1.56	0.49	3	13.47	0.40	0.23
600-Minute	1	10	2.25	0.33	0.11	10	2.18	0.19	0.06	10	2.16	0.27	0.08	3	2.20	0.04	0.03
	2	10	5.61	0.32	0.10	10	5.69	0.35	0.11	10	5.65	0.31	0.10	3	5.65	0.04	0.02
	3	10	10.21	0.33	0.10	10	9.91	0.34	0.11	10	10.07	0.38	0.12	3	10.06	0.15	0.08
	4	10	15.49	0.41	0.13	10	15.52	0.59	0.19	10	15.01	0.19	0.06	3	15.34	0.29	0.17
	5	10	20.93	0.50	0.16	10	21.22	0.67	0.21	10	21.19	0.34	0.11	3	21.11	0.16	0.09
	9	10	13.57	1.63	0.52	10	12.69	1.73	0.55	10	9.46	2.14	0.68	3	11.91	2.17	1.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.24	0.14	0.04	10	2.09	0.25	0.08	10	2.19	0.24	0.08	3	2.18	0.08	0.04
	2	10	5.52	0.38	0.12	10	5.59	0.24	0.08	10	5.53	0.30	0.09	3	5.55	0.04	0.02
	3	10	10.15	0.39	0.12	10	10.34	0.34	0.11	10	10.44	0.50	0.16	3	10.31	0.15	0.09
	4	10	15.13	0.31	0.10	10	15.30	0.34	0.11	10	15.04	0.36	0.11	3	15.16	0.13	0.07
	5	10	21.58	0.36	0.11	10	21.36	0.31	0.10	10	21.66	0.62	0.20	3	21.53	0.16	0.09
	9	10	10.38	1.15	0.36	10	10.14	1.39	0.44	10	10.76	1.66	0.53	3	10.43	0.31	0.18
30-Minute	1	10	2.26	0.29	0.09	10	2.13	0.28	0.09	10	2.12	0.25	0.08	3	2.17	0.08	0.04
	2	10	5.43	0.39	0.12	10	5.69	0.37	0.12	10	5.75	0.42	0.13	3	5.62	0.17	0.10
	3	10	10.24	0.34	0.11	10	10.05	0.36	0.11	10	10.20	0.46	0.15	3	10.16	0.10	0.06
	4	10	15.18	0.46	0.14	10	15.12	0.49	0.16	10	15.22	0.44	0.14	3	15.18	0.05	0.03
	5	10	21.76	0.54	0.17	10	21.24	0.54	0.17	10	21.29	0.35	0.11	3	21.43	0.29	0.17
	9	10	10.90	1.53	0.48	10	11.02	0.73	0.23	10	10.98	1.05	0.33	3	10.97	0.06	0.03
90-Minute	1	10	2.13	0.18	0.06	10	2.20	0.39	0.12	10	2.18	0.26	0.08	3	2.17	0.04	0.02
	2	10	5.72	0.36	0.11	10	5.54	0.44	0.14	10	5.75	0.28	0.09	3	5.67	0.11	0.07
	3	10	10.17	0.32	0.10	10	10.32	0.45	0.14	10	10.33	0.41	0.13	3	10.28	0.09	0.05
	4	10	15.30	0.44	0.14	10	15.32	0.29	0.09	10	15.08	0.34	0.11	3	15.23	0.14	0.08
	5	10	21.02	0.26	0.08	10	21.23	0.32	0.10	10	21.63	0.53	0.17	3	21.29	0.31	0.18
	9	10	11.53	1.58	0.50	10	10.37	0.85	0.27	10	11.02	0.64	0.20	3	10.97	0.58	0.34
300-Minute	1	10	2.31	0.17	0.05	10	2.13	0.21	0.07	10	2.25	0.21	0.07	3	2.23	0.09	0.05
	2	10	5.77	0.40	0.13	10	5.78	0.35	0.11	10	5.76	0.29	0.09	3	5.77	0.01	0.01
	3	10	9.83	0.42	0.13	10	10.01	0.36	0.11	10	10.03	0.26	0.08	3	9.96	0.11	0.06
	4	10	15.26	0.41	0.13	10	15.29	0.54	0.17	10	15.05	0.42	0.13	3	15.20	0.13	0.08
	5	10	21.56	0.38	0.12	10	21.39	0.42	0.13	10	21.34	0.49	0.15	3	21.43	0.11	0.06
	9	10	11.78	1.37	0.43	10	11.01	1.47	0.46	10	11.85	1.36	0.43	3	11.55	0.47	0.27
600-Minute	1	10	2.14	0.27	0.08	10	2.08	0.25	0.08	10	2.07	0.28	0.09	3	2.10	0.04	0.02
	2	10	5.64	0.34	0.11	10	5.86	0.17	0.05	10	5.55	0.20	0.06	3	5.68	0.16	0.09
	3	10	9.90	0.31	0.10	10	9.58	0.25	0.08	10	10.11	0.31	0.10	3	9.87	0.27	0.15
	4	10	15.36	0.29	0.09	10	15.19	0.32	0.10	10	15.03	0.39	0.12	3	15.19	0.17	0.10
	5	10	21.23	0.56	0.18	10	21.40	0.34	0.11	10	21.21	0.51	0.16	3	21.28	0.10	0.06
	9	10	10.87	1.42	0.45	10	9.85	1.30	0.41	10	8.84	1.32	0.42	3	9.85	1.01	0.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.00	0.76	0.27	6	2.17	0.75	0.31	9	2.44	0.58	0.19	3	2.20	0.22	0.13
	2	10	5.90	0.97	0.31	8	6.00	0.65	0.23	9	5.44	0.53	0.18	3	5.78	0.30	0.17
	3	10	10.65	1.33	0.42	10	9.40	0.52	0.16	10	10.05	1.34	0.42	3	10.03	0.63	0.36
	4	10	15.45	1.21	0.38	10	15.75	1.01	0.32	10	15.40	1.31	0.41	3	15.53	0.19	0.11
	5	10	22.60	1.68	0.53	10	21.35	1.90	0.60	10	21.65	2.16	0.68	3	21.87	0.65	0.38
	9	10	8.05	8.36	2.65	10	10.65	8.67	2.74	10	9.75	8.01	2.53	3	9.48	1.32	0.76
30-Minute	1	8	2.31	0.70	0.25	6	2.83	0.52	0.21	10	2.40	0.88	0.28	3	2.52	0.28	0.16
	2	9	5.83	0.83	0.28	10	5.95	0.86	0.27	9	6.39	0.93	0.31	3	6.06	0.29	0.17
	3	10	11.30	0.89	0.28	10	10.15	1.06	0.33	10	10.75	1.09	0.34	3	10.73	0.58	0.33
	4	10	15.60	1.49	0.47	10	15.85	1.33	0.42	10	15.30	1.06	0.34	3	15.58	0.28	0.16
	5	10	22.00	1.72	0.54	10	21.75	1.86	0.59	10	20.55	1.34	0.42	3	21.43	0.78	0.45
	9	10	19.85	6.48	2.05	10	17.60	6.73	2.13	10	15.75	8.60	2.72	3	17.73	2.05	1.19
90-Minute	1	7	2.29	0.70	0.26	7	2.71	0.86	0.32	6	2.25	0.76	0.31	3	2.42	0.26	0.15
	2	10	5.90	0.77	0.24	10	6.00	1.05	0.33	10	6.05	0.90	0.28	3	5.98	0.08	0.04
	3	10	9.85	1.29	0.41	10	10.45	1.07	0.34	10	10.50	1.31	0.41	3	10.27	0.36	0.21
	4	10	14.95	1.01	0.32	10	15.35	1.51	0.48	10	14.80	1.06	0.33	3	15.03	0.28	0.16
	5	10	21.55	1.30	0.41	10	21.85	1.72	0.54	10	20.80	1.64	0.52	3	21.40	0.54	0.31
	9	10	17.20	8.31	2.63	10	17.65	7.90	2.50	10	17.25	7.30	2.31	3	17.37	0.25	0.14
300-Minute	1	6	3.04	0.46	0.19	10	2.80	0.54	0.17	8	2.62	0.52	0.18	3	2.82	0.21	0.12
	2	9	5.56	0.63	0.21	10	5.50	0.82	0.26	10	5.95	1.21	0.38	3	5.67	0.25	0.14
	3	10	10.20	1.44	0.45	10	10.80	1.36	0.43	10	10.60	1.07	0.34	3	10.53	0.31	0.18
	4	10	15.65	0.94	0.30	9	15.44	1.07	0.36	10	16.45	1.23	0.39	3	15.85	0.53	0.31
	5	10	21.60	1.70	0.54	10	21.15	1.83	0.58	10	21.25	1.77	0.56	3	21.33	0.24	0.14
	9	10	20.45	3.30	1.04	10	19.45	6.50	2.06	10	15.05	8.73	2.76	3	18.32	2.87	1.66
600-Minute	1	9	2.44	0.73	0.24	9	2.72	0.87	0.29	10	2.35	0.63	0.20	3	2.51	0.19	0.11
	2	9	6.22	0.75	0.25	9	6.44	0.88	0.29	10	6.10	1.15	0.36	3	6.26	0.17	0.10
	3	10	9.95	0.96	0.30	10	11.15	0.75	0.24	10	10.35	1.47	0.47	3	10.48	0.61	0.35
	4	10	15.25	1.32	0.42	9	15.61	1.29	0.43	10	15.35	0.94	0.30	3	15.40	0.19	0.11
	5	10	21.90	2.60	0.82	10	21.75	1.86	0.59	10	21.70	1.86	0.59	3	21.78	0.10	0.06
	9	10	11.90	9.71	3.07	10	19.85	6.70	2.12	10	3.85	5.01	1.58	3	11.87	8.00	4.62

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.00	0.66	0.22	10	2.35	0.53	0.17	8	2.00	0.60	0.21	3	2.12	0.20	0.12
	2	8	6.00	1.22	0.43	8	6.00	1.00	0.35	10	5.25	0.59	0.19	3	5.75	0.43	0.25
	3	10	11.00	1.20	0.38	10	10.90	1.15	0.36	9	11.06	1.31	0.44	3	10.99	0.08	0.05
	4	10	15.25	1.30	0.41	10	15.80	1.06	0.33	10	15.10	0.94	0.30	3	15.38	0.37	0.21
	5	10	20.75	1.64	0.52	10	20.90	1.94	0.61	10	20.85	1.92	0.61	3	20.83	0.08	0.04
	9	10	9.85	6.90	2.18	10	6.40	6.51	2.06	10	11.55	6.15	1.94	3	9.27	2.62	1.52
30-Minute	1	10	2.20	0.63	0.20	6	1.92	0.38	0.15	9	2.39	0.70	0.23	3	2.17	0.24	0.14
	2	10	5.70	0.67	0.21	9	5.89	1.08	0.36	9	5.44	0.77	0.26	3	5.68	0.22	0.13
	3	9	11.11	1.54	0.51	10	10.60	1.31	0.41	10	10.70	1.18	0.37	3	10.80	0.27	0.16
	4	10	15.75	1.09	0.34	10	15.50	1.29	0.41	10	14.95	1.17	0.37	3	15.40	0.41	0.24
	5	10	21.45	1.72	0.54	10	21.10	1.85	0.59	10	21.35	1.99	0.63	3	21.30	0.18	0.10
	9	10	7.40	6.22	1.97	10	12.75	7.71	2.44	10	11.45	6.47	2.05	3	10.53	2.79	1.61
90-Minute	1	10	2.50	0.71	0.22	10	2.60	0.88	0.28	10	2.50	0.71	0.22	3	2.53	0.06	0.03
	2	9	5.11	0.65	0.22	10	6.05	1.09	0.35	10	6.60	0.81	0.26	3	5.92	0.75	0.43
	3	9	10.56	0.98	0.33	10	10.25	1.06	0.34	10	11.05	0.96	0.30	3	10.62	0.40	0.23
	4	10	15.30	1.16	0.37	10	16.05	1.28	0.40	10	15.25	1.09	0.34	3	15.53	0.45	0.26
	5	10	21.10	1.98	0.63	10	20.80	1.75	0.55	10	19.70	1.55	0.49	3	20.53	0.74	0.43
	9	10	15.30	7.23	2.29	10	12.10	7.04	2.23	10	13.80	4.63	1.46	3	13.73	1.60	0.92
300-Minute	1	9	2.33	0.56	0.19	10	2.20	0.79	0.25	10	2.55	0.44	0.14	3	2.36	0.18	0.10
	2	10	5.95	1.01	0.32	9	6.50	0.94	0.31	9	5.72	0.83	0.28	3	6.06	0.40	0.23
	3	10	10.30	1.55	0.49	10	10.75	1.42	0.45	10	10.25	1.03	0.33	3	10.43	0.28	0.16
	4	10	15.75	1.55	0.49	10	15.70	1.09	0.34	10	16.20	0.92	0.29	3	15.88	0.28	0.16
	5	10	21.05	2.01	0.63	10	20.05	1.26	0.40	10	20.15	1.11	0.35	3	20.42	0.55	0.32
	9	10	11.05	6.86	2.17	10	13.00	6.00	1.90	10	15.00	6.21	1.96	3	13.02	1.98	1.14
600-Minute	1	10	2.30	0.59	0.19	10	2.45	0.72	0.23	10	1.95	0.37	0.12	3	2.23	0.26	0.15
	2	9	5.61	1.24	0.41	9	6.28	0.94	0.31	10	5.50	0.75	0.24	3	5.80	0.42	0.24
	3	9	10.39	1.24	0.41	10	11.20	0.95	0.30	10	10.80	1.11	0.35	3	10.80	0.41	0.23
	4	10	16.15	0.91	0.29	10	15.80	0.86	0.27	10	15.50	0.97	0.31	3	15.82	0.33	0.19
	5	10	20.00	1.87	0.59	10	20.70	1.46	0.46	10	21.40	2.00	0.63	3	20.70	0.70	0.40
	9	10	8.65	6.45	2.04	10	9.90	6.29	1.99	10	3.95	2.83	0.90	3	7.50	3.14	1.81

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.06	0.58	0.19	8	2.37	0.95	0.34	10	2.30	0.54	0.17	3	2.24	0.17	0.10
	2	9	6.00	0.94	0.31	10	5.85	1.03	0.33	9	6.22	1.00	0.33	3	6.02	0.19	0.11
	3	10	10.90	1.05	0.33	10	10.60	1.29	0.41	10	11.40	1.26	0.40	3	10.97	0.40	0.23
	4	10	15.25	1.32	0.42	10	15.80	1.23	0.39	10	15.75	1.46	0.46	3	15.60	0.30	0.18
	5	10	22.90	1.49	0.47	10	22.25	1.36	0.43	10	22.20	1.69	0.53	3	22.45	0.39	0.23
	9	10	4.45	5.74	1.82	10	11.15	9.42	2.98	10	5.45	6.86	2.17	3	7.02	3.61	2.09
30-Minute	1	10	2.10	0.57	0.18	10	2.40	0.66	0.21	9	2.00	0.43	0.14	3	2.17	0.21	0.12
	2	10	5.70	0.75	0.24	10	6.10	0.81	0.26	10	5.82	0.85	0.27	3	5.87	0.20	0.12
	3	10	9.65	1.03	0.33	10	9.95	1.38	0.44	10	10.85	1.31	0.42	3	10.15	0.62	0.36
	4	10	16.25	1.36	0.43	10	15.53	1.63	0.52	10	14.80	1.27	0.40	3	15.53	0.72	0.42
	5	10	21.30	1.55	0.49	10	23.15	1.23	0.39	10	22.45	1.32	0.42	3	22.30	0.93	0.54
	9	10	14.15	9.99	3.16	10	15.95	9.96	3.15	10	14.65	9.56	3.02	3	14.92	0.93	0.54
90-Minute	1	10	2.25	0.59	0.19	10	2.55	0.80	0.25	9	2.44	0.68	0.23	3	2.41	0.15	0.09
	2	10	5.70	1.23	0.39	10	5.45	1.14	0.36	10	5.85	1.11	0.35	3	5.67	0.20	0.12
	3	10	10.70	1.40	0.44	10	11.25	1.23	0.39	10	11.20	1.18	0.37	3	11.05	0.30	0.18
	4	10	16.45	0.90	0.28	10	15.90	1.51	0.48	10	15.60	1.22	0.39	3	15.98	0.43	0.25
	5	10	22.35	1.56	0.49	10	22.55	1.67	0.53	10	21.05	1.95	0.62	3	21.98	0.81	0.47
	9	10	18.25	8.01	2.53	10	15.10	10.47	3.31	10	13.15	9.30	2.94	3	15.50	2.57	1.49
300-Minute	1	9	2.17	0.56	0.19	10	2.05	0.55	0.17	10	2.45	0.60	0.19	3	2.22	0.21	0.12
	2	9	5.67	1.15	0.38	10	5.95	0.60	0.19	10	5.85	1.00	0.32	3	5.82	0.14	0.08
	3	10	9.80	1.06	0.33	10	10.45	1.23	0.39	10	10.70	1.30	0.41	3	10.32	0.46	0.27
	4	10	15.70	1.30	0.41	10	14.65	0.82	0.26	10	14.90	1.05	0.33	3	15.08	0.55	0.32
	5	10	22.20	1.78	0.56	10	21.30	2.26	0.72	10	22.80	2.19	0.69	3	22.10	0.75	0.44
	9	10	16.90	7.84	2.48	10	12.15	9.46	2.99	10	18.30	7.84	2.48	3	15.78	3.22	1.86
600-Minute	1	9	2.44	0.85	0.28	9	2.28	0.57	0.19	10	2.20	0.71	0.23	3	2.31	0.12	0.07
	2	10	5.75	0.49	0.15	10	6.05	0.86	0.27	10	5.85	0.63	0.20	3	5.88	0.15	0.09
	3	10	10.40	1.17	0.37	10	10.20	1.11	0.35	10	9.65	0.82	0.26	3	10.08	0.39	0.22
	4	10	16.30	1.06	0.34	10	15.45	1.36	0.43	10	14.95	1.12	0.35	3	15.57	0.68	0.39
	5	10	20.65	1.47	0.47	10	21.65	1.58	0.50	10	21.50	1.70	0.54	3	21.27	0.54	0.31
	9	10	13.60	7.70	2.43	10	10.50	9.74	3.08	10	4.75	3.94	1.25	3	9.62	4.49	2.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.33	0.43	0.14	10	2.25	0.82	0.26	10	2.20	0.75	0.24	3	2.26	0.07	0.04
	2	9	5.89	0.96	0.32	9	5.72	0.79	0.26	10	5.70	1.09	0.34	3	5.77	0.10	0.06
	3	9	10.22	1.28	0.43	10	10.75	0.92	0.29	10	11.40	1.10	0.35	3	10.79	0.59	0.34
	4	10	15.12	1.37	0.43	10	15.40	1.24	0.39	10	15.65	1.23	0.39	3	15.39	0.26	0.15
	5	10	22.70	1.49	0.47	10	21.65	1.08	0.34	10	22.25	2.09	0.66	3	22.20	0.53	0.30
	9	10	5.40	5.31	1.68	10	4.85	6.22	1.97	10	7.85	8.63	2.73	3	6.03	1.60	0.92
30-Minute	1	9	2.44	0.73	0.24	9	2.39	0.78	0.26	10	2.10	0.52	0.16	3	2.31	0.18	0.11
	2	10	5.95	0.76	0.24	10	5.95	1.07	0.34	10	5.85	0.97	0.31	3	5.92	0.06	0.03
	3	10	10.25	1.21	0.38	10	9.80	0.82	0.26	10	10.35	1.47	0.47	3	10.13	0.29	0.17
	4	10	15.00	1.35	0.43	10	15.00	1.27	0.40	9	15.17	1.50	0.50	3	15.06	0.10	0.06
	5	10	22.40	1.63	0.52	10	21.70	1.44	0.45	10	22.25	1.74	0.55	3	22.12	0.37	0.21
	9	10	4.00	3.50	1.11	10	7.70	3.97	1.26	10	7.15	5.12	1.62	3	6.28	2.00	1.15
90-Minute	1	10	2.45	0.60	0.19	10	2.45	0.64	0.20	10	2.55	0.69	0.22	3	2.48	0.06	0.03
	2	9	5.44	1.04	0.35	9	5.61	1.24	0.41	10	6.10	0.97	0.31	3	5.72	0.34	0.20
	3	10	10.20	1.60	0.51	10	10.75	1.55	0.49	10	11.20	1.11	0.35	3	10.72	0.50	0.29
	4	10	15.60	1.13	0.36	10	16.20	0.67	0.21	10	16.05	0.93	0.29	3	15.95	0.31	0.18
	5	10	21.10	1.73	0.55	10	20.80	1.70	0.54	10	21.45	2.34	0.74	3	21.12	0.33	0.19
	9	10	9.15	8.12	2.57	10	3.10	1.49	0.47	10	5.45	3.53	1.12	3	5.90	3.05	1.76
300-Minute	1	10	2.60	0.74	0.23	10	2.15	0.53	0.17	10	2.75	0.63	0.20	3	2.50	0.31	0.18
	2	10	6.05	1.09	0.35	10	6.00	0.91	0.29	10	6.25	0.82	0.26	3	6.10	0.13	0.08
	3	10	10.00	1.11	0.35	10	10.05	1.07	0.34	10	9.55	0.96	0.30	3	9.87	0.28	0.16
	4	10	15.75	1.36	0.43	10	15.75	1.44	0.45	10	15.00	1.13	0.36	3	15.50	0.43	0.25
	5	10	21.90	1.68	0.53	10	21.55	2.20	0.70	10	21.50	1.18	0.37	3	21.65	0.22	0.13
	9	10	12.20	8.86	2.80	10	6.10	5.49	1.73	10	10.10	7.05	2.23	3	9.47	3.10	1.79
600-Minute	1	7	1.93	0.45	0.17	9	2.11	0.65	0.22	9	2.44	0.58	0.19	3	2.16	0.26	0.15
	2	9	5.67	0.71	0.24	10	5.60	0.77	0.24	10	5.35	0.67	0.21	3	5.54	0.17	0.10
	3	10	9.70	0.82	0.26	10	9.60	1.31	0.41	10	10.00	1.18	0.37	3	9.77	0.21	0.12
	4	10	15.95	1.44	0.46	10	14.85	1.16	0.37	10	15.50	1.39	0.44	3	15.43	0.55	0.32
	5	10	22.05	1.92	0.61	10	21.00	1.91	0.61	10	21.35	1.76	0.56	3	21.47	0.53	0.31
	9	10	4.65	3.94	1.25	10	3.00	2.42	0.76	10	6.50	3.64	1.15	3	4.72	1.75	1.01

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	32.66	22.29	7.05	10	29.18	17.61	5.57	10	30.83	13.47	4.26	3	30.89	1.74	1.00
	2	10	18.82	18.76	5.93	10	12.28	5.08	1.61	10	13.95	6.53	2.07	3	15.02	3.40	1.96
	3	10	20.66	16.25	5.14	10	17.00	5.86	1.85	10	14.25	6.27	1.98	3	17.30	3.22	1.86
	4	10	26.55	32.56	10.30	10	14.40	4.18	1.32	10	12.27	5.67	1.79	3	17.74	7.70	4.45
	5	10	55.59	82.90	26.22	10	21.30	7.90	2.50	10	23.96	12.89	4.08	3	33.61	19.07	11.01
	6	10	36.66	45.10	14.26	10	11.31	5.06	1.60	10	14.87	12.44	3.93	3	20.95	13.72	7.92
	7	10	143.47	191.61	60.59	10	40.36	29.27	9.26	10	51.23	25.33	8.01	3	78.36	56.65	32.71
	8	10	3.51	5.21	1.65	10	0.54	0.64	0.20	10	0.66	0.48	0.15	3	1.57	1.68	0.97
	9	10	154.28	167.78	53.06	10	94.17	27.69	8.76	10	95.26	21.82	6.90	3	114.57	34.39	19.86
30-Minute	1	10	21.57	11.53	3.65	10	25.08	17.69	5.59	10	20.38	14.60	4.62	3	22.34	2.44	1.41
	2	10	19.14	7.00	2.21	10	11.99	3.77	1.19	10	15.21	6.17	1.95	3	15.45	3.58	2.07
	3	10	21.36	8.00	2.53	10	18.04	5.51	1.74	10	17.61	3.19	1.01	3	19.00	2.05	1.19
	4	10	27.75	5.27	1.67	10	21.64	6.37	2.01	10	20.35	7.47	2.36	3	23.24	3.95	2.28
	5	10	66.48	13.67	4.32	10	37.99	13.22	4.18	10	42.66	20.40	6.45	3	49.04	15.28	8.82
	6	10	56.58	33.29	10.53	10	31.35	17.35	5.49	10	28.23	13.70	4.33	3	38.72	15.55	8.98
	7	10	178.98	41.36	13.08	10	86.32	19.58	6.19	10	101.08	36.79	11.63	3	122.12	49.78	28.74
	8	10	3.81	1.89	0.60	10	1.53	1.10	0.35	10	1.15	0.80	0.25	3	2.16	1.44	0.83
	9	10	156.31	26.70	8.44	10	114.73	32.22	10.19	10	116.21	33.25	10.51	3	129.08	23.59	13.62
90-Minute	1	10	25.71	9.48	3.00	10	23.24	16.23	5.13	10	21.80	8.44	2.67	3	23.58	1.98	1.14
	2	10	18.10	5.69	1.80	10	13.95	5.88	1.86	10	13.93	3.02	0.96	3	15.33	2.40	1.39
	3	10	18.48	5.33	1.69	10	15.42	5.90	1.87	10	16.86	6.10	1.93	3	16.92	1.53	0.88
	4	10	22.67	6.73	2.13	10	16.50	5.31	1.68	10	20.56	6.31	2.00	3	19.91	3.14	1.81
	5	10	76.87	34.59	10.94	10	40.41	19.76	6.25	10	49.11	15.00	4.74	3	55.46	19.04	10.99
	6	10	61.38	23.25	7.35	10	36.30	21.45	6.78	10	31.38	13.01	4.11	3	43.02	16.09	9.29
	7	10	183.38	50.52	15.98	10	92.62	44.35	14.02	10	110.59	38.04	12.03	3	128.86	48.06	27.75
	8	10	2.77	1.31	0.41	10	1.26	0.71	0.23	10	1.59	0.73	0.23	3	1.87	0.79	0.46
	9	10	161.83	32.29	10.21	10	109.52	31.12	9.84	10	122.26	20.73	6.56	3	131.20	27.28	15.75
300-Minute	1	10	16.02	6.65	2.10	10	21.63	9.74	3.08	10	19.30	8.70	2.75	3	18.98	2.82	1.63
	2	10	16.56	4.90	1.55	10	18.53	6.62	2.09	10	16.71	7.07	2.24	3	17.27	1.10	0.64
	3	10	24.73	9.35	2.96	10	25.28	11.54	3.65	10	16.53	3.42	1.08	3	22.18	4.90	2.83
	4	10	29.88	12.94	4.09	10	24.87	8.00	2.53	10	17.61	6.59	2.08	3	24.12	6.17	3.56
	5	10	72.70	23.14	7.32	10	62.03	21.26	6.72	10	50.34	25.91	8.19	3	61.69	11.19	6.46
	6	10	63.24	21.45	6.78	10	47.06	25.10	7.94	10	36.44	19.45	6.15	3	48.91	13.50	7.79
	7	10	205.69	35.24	11.14	10	180.08	80.39	25.42	10	117.10	58.48	18.49	3	167.62	45.59	26.32
	8	10	3.73	1.74	0.55	10	2.95	1.65	0.52	10	1.63	1.26	0.40	3	2.77	1.06	0.61
	9	10	159.89	34.54	10.92	10	152.34	34.54	10.92	10	120.49	27.39	8.66	3	144.24	20.91	12.07

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	24.03	10.39	3.29	10	16.24	6.49	2.05	10	23.65	14.27	4.51	3	21.31	4.39	2.54
	2	10	16.04	5.93	1.87	10	12.88	4.25	1.34	10	12.55	5.36	1.69	3	13.82	1.92	1.11
	3	10	23.63	11.59	3.66	10	13.61	4.88	1.54	10	11.90	5.17	1.63	3	16.38	6.34	3.66
	4	10	27.38	15.58	4.93	10	15.90	6.14	1.94	10	13.92	9.58	3.03	3	19.07	7.27	4.20
	5	10	58.51	27.23	8.61	10	42.44	11.32	3.58	10	14.52	12.56	3.97	3	38.49	22.26	12.85
	6	10	44.00	25.03	7.92	10	26.74	6.23	1.97	10	10.94	9.96	3.15	3	27.23	16.54	9.55
	7	10	156.44	87.14	27.56	10	102.67	14.63	4.63	10	34.49	32.70	10.34	3	97.87	61.12	35.28
	8	10	3.28	4.03	1.27	10	1.54	0.57	0.18	10	0.44	0.58	0.18	3	1.75	1.43	0.83
	9	10	149.60	52.88	16.72	10	101.07	17.95	5.68	10	76.55	29.67	9.38	3	109.07	37.18	21.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	16.16	6.02	1.90	10	25.98	18.34	5.80	10	13.92	7.89	2.49	3	18.69	6.42	3.70
	2	10	8.83	5.70	1.80	10	12.69	5.04	1.59	10	11.15	7.53	2.38	3	10.89	1.94	1.12
	3	10	12.76	7.63	2.41	10	19.58	6.99	2.21	10	12.13	6.75	2.13	3	14.82	4.13	2.38
	4	10	21.65	7.77	2.46	10	19.20	5.69	1.80	10	20.31	13.28	4.20	3	20.39	1.23	0.71
	5	10	16.49	8.53	2.70	10	12.31	3.70	1.17	10	12.80	7.08	2.24	3	13.87	2.29	1.32
	6	10	7.57	4.31	1.36	10	4.75	1.46	0.46	10	4.81	1.64	0.52	3	5.71	1.61	0.93
	7	10	21.06	24.53	7.76	10	8.85	2.02	0.64	10	8.36	2.29	0.73	3	12.76	7.20	4.15
	8	10	0.35	0.67	0.21	10	0.06	0.08	0.02	10	0.03	0.05	0.02	3	0.15	0.18	0.10
	9	10	75.89	22.90	7.24	10	89.76	25.85	8.18	10	70.32	27.55	8.71	3	78.66	10.01	5.78
30-Minute	1	10	12.00	4.15	1.31	10	12.75	6.97	2.20	10	15.62	9.43	2.98	3	13.46	1.91	1.10
	2	10	8.92	2.89	0.91	10	9.75	4.89	1.55	10	11.25	9.11	2.88	3	9.97	1.18	0.68
	3	10	13.78	5.39	1.70	10	13.08	5.28	1.67	10	12.56	6.94	2.19	3	13.14	0.61	0.35
	4	10	18.30	10.74	3.39	10	21.28	8.64	2.73	10	25.12	12.19	3.85	3	21.57	3.42	1.97
	5	10	15.70	5.20	1.65	10	17.34	6.26	1.98	10	12.76	1.64	0.52	3	15.27	2.32	1.34
	6	10	5.90	2.06	0.65	10	4.52	1.68	0.53	10	6.12	1.89	0.60	3	5.52	0.87	0.50
	7	10	10.44	3.82	1.21	10	9.25	2.92	0.92	10	9.80	2.02	0.64	3	9.83	0.60	0.34
	8	10	0.10	0.09	0.03	10	0.07	0.09	0.03	10	0.10	0.10	0.03	3	0.09	0.01	0.01
	9	10	68.71	18.32	5.79	10	74.20	20.32	6.43	10	77.30	28.87	9.13	3	73.40	4.35	2.51
90-Minute	1	10	10.37	3.77	1.19	10	10.42	4.59	1.45	10	11.13	7.19	2.27	3	10.64	0.42	0.25
	2	10	8.59	3.39	1.07	10	8.95	8.93	2.82	10	8.51	5.40	1.71	3	8.68	0.23	0.13
	3	10	9.76	4.32	1.37	10	10.13	6.78	2.14	10	11.42	8.99	2.84	3	10.44	0.87	0.50
	4	10	15.92	6.61	2.09	10	15.91	8.68	2.75	10	20.30	6.34	2.01	3	17.38	2.53	1.46
	5	10	21.64	5.68	1.80	10	14.02	4.90	1.55	10	14.95	4.94	1.56	3	16.87	4.15	2.40
	6	10	10.97	4.62	1.46	10	7.70	2.44	0.77	10	5.45	1.88	0.59	3	8.04	2.77	1.60
	7	10	24.20	12.92	4.08	10	12.48	5.74	1.82	10	9.83	1.72	0.54	3	15.50	7.65	4.42
	8	10	0.27	0.26	0.08	10	0.10	0.08	0.03	10	0.12	0.09	0.03	3	0.16	0.09	0.05
	9	10	66.27	13.00	4.11	10	59.43	28.74	9.09	10	66.31	22.28	7.04	3	64.01	3.96	2.29
300-Minute	1	10	8.05	3.47	1.10	10	9.48	4.11	1.30	10	10.04	5.21	1.65	3	9.19	1.03	0.59
	2	10	6.81	2.87	0.91	10	6.97	2.96	0.94	10	8.24	5.37	1.70	3	7.34	0.78	0.45
	3	10	8.37	1.92	0.61	10	9.56	4.87	1.54	10	9.14	3.60	1.14	3	9.02	0.60	0.35
	4	10	15.82	8.30	2.62	10	17.94	7.01	2.22	10	16.43	9.05	2.86	3	16.73	1.09	0.63
	5	10	12.14	4.14	1.31	10	14.32	3.01	0.95	10	14.59	3.90	1.23	3	13.68	1.34	0.78
	6	10	4.20	2.31	0.73	10	5.60	1.60	0.51	10	4.85	1.45	0.46	3	4.88	0.70	0.41
	7	10	9.31	2.63	0.83	10	10.74	3.69	1.17	10	8.64	2.57	0.81	3	9.56	1.07	0.62
	8	10	0.07	0.05	0.02	10	0.14	0.10	0.03	10	0.11	0.08	0.03	3	0.11	0.03	0.02
	9	10	51.20	14.50	4.59	10	58.26	11.88	3.76	10	58.44	18.14	5.74	3	55.97	4.13	2.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	9.51	4.64	1.47	10	8.16	3.29	1.04	10	13.95	7.89	2.49	3	10.54	3.03	1.75
	2	10	8.25	3.68	1.16	10	7.66	2.06	0.65	10	6.99	3.38	1.07	3	7.63	0.63	0.37
	3	10	10.39	4.43	1.40	10	7.36	3.05	0.97	10	7.24	3.54	1.12	3	8.33	1.79	1.03
	4	10	12.30	5.34	1.69	10	13.06	6.67	2.11	10	7.23	3.01	0.95	3	10.86	3.17	1.83
	5	10	12.35	3.90	1.23	10	8.14	2.51	0.79	10	5.37	2.78	0.88	3	8.62	3.52	2.03
	6	10	6.02	3.89	1.23	10	2.65	0.70	0.22	10	2.49	1.77	0.56	3	3.72	1.99	1.15
	7	10	11.36	8.95	2.83	10	7.08	1.32	0.42	10	3.94	1.63	0.52	3	7.46	3.72	2.15
	8	10	0.14	0.17	0.05	10	0.05	0.05	0.02	10	0.02	0.04	0.01	3	0.07	0.06	0.04
	9	10	52.80	16.27	5.14	10	44.38	9.82	3.10	10	40.78	14.70	4.65	3	45.99	6.17	3.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	67.63	24.56	7.77	10	74.91	31.63	10.00	10	99.00	51.06	16.15	3	80.51	16.42	9.48
	2	10	39.39	20.60	6.51	10	45.99	20.49	6.48	10	44.22	21.20	6.70	3	43.20	3.42	1.97
	3	10	48.50	21.56	6.82	10	45.00	11.47	3.63	10	42.33	20.05	6.34	3	45.28	3.10	1.79
	4	10	61.72	68.64	21.71	10	44.55	13.89	4.39	10	39.94	19.60	6.20	3	48.74	11.48	6.63
	5	10	117.08	77.54	24.52	10	80.87	23.67	7.49	10	56.63	21.04	6.65	3	84.86	30.42	17.56
	6	10	84.14	48.07	15.20	10	46.06	9.17	2.90	10	28.26	11.06	3.50	3	52.82	28.55	16.48
	7	10	257.30	156.34	49.44	10	136.56	39.37	12.45	10	95.67	38.17	12.07	3	163.18	84.04	48.52
	8	10	3.95	3.08	0.97	10	1.59	1.60	0.50	10	1.73	1.35	0.43	3	2.43	1.32	0.76
	9	10	334.33	180.18	56.98	10	291.31	50.13	15.85	10	282.13	41.57	13.15	3	302.59	27.87	16.09
30-Minute	1	10	58.39	35.36	11.18	10	42.43	18.92	5.98	10	47.96	18.28	5.78	3	49.60	8.11	4.68
	2	10	43.90	13.92	4.40	10	39.90	15.17	4.80	10	35.53	13.27	4.20	3	39.78	4.19	2.42
	3	10	46.84	23.94	7.57	10	53.06	15.86	5.02	10	45.62	19.97	6.31	3	48.51	3.99	2.31
	4	10	44.09	15.40	4.87	10	44.60	14.23	4.50	10	57.45	20.87	6.60	3	48.71	7.57	4.37
	5	10	115.15	31.51	9.96	10	99.77	34.52	10.92	10	100.13	24.89	7.87	3	105.02	8.78	5.07
	6	10	93.89	43.50	13.76	10	66.02	23.33	7.38	10	83.23	40.40	12.78	3	81.05	14.06	8.12
	7	10	264.91	63.90	20.21	10	189.19	34.02	10.76	10	211.11	51.88	16.41	3	221.74	38.96	22.50
	8	10	4.59	3.31	1.05	10	2.39	1.33	0.42	10	3.64	2.10	0.66	3	3.54	1.10	0.64
	9	10	308.37	42.67	13.49	10	279.76	52.31	16.54	10	286.69	45.98	14.54	3	291.61	14.92	8.62
90-Minute	1	10	34.38	17.60	5.56	10	52.67	18.76	5.93	10	44.95	12.28	3.88	3	44.00	9.18	5.30
	2	10	36.22	16.84	5.33	10	40.36	22.41	7.09	10	36.32	11.86	3.75	3	37.63	2.36	1.36
	3	10	45.43	12.44	3.93	10	34.42	13.09	4.14	10	34.09	10.01	3.16	3	37.98	6.45	3.73
	4	10	52.72	15.44	4.88	10	42.45	15.49	4.90	10	39.25	13.47	4.26	3	44.81	7.04	4.06
	5	10	137.13	29.84	9.44	10	112.11	19.72	6.24	10	84.09	24.04	7.60	3	111.11	26.54	15.32
	6	10	142.55	49.44	15.64	10	131.57	41.33	13.07	10	124.21	95.83	30.30	3	132.78	9.23	5.33
	7	10	308.72	68.11	21.54	10	252.45	68.63	21.70	10	199.33	66.74	21.11	3	253.50	54.70	31.58
	8	10	4.60	2.03	0.64	10	3.42	1.43	0.45	10	2.95	2.47	0.78	3	3.66	0.85	0.49
	9	10	305.89	41.80	13.22	10	282.01	67.85	21.46	10	238.71	31.60	9.99	3	275.53	34.05	19.66
300-Minute	1	10	30.19	11.59	3.67	10	31.72	14.01	4.43	10	39.86	13.52	4.28	3	33.92	5.20	3.00
	2	10	34.33	17.04	5.39	10	33.30	13.40	4.24	10	32.90	11.13	3.52	3	33.51	0.74	0.43
	3	10	45.72	18.31	5.79	10	42.29	22.12	6.99	10	38.19	10.12	3.20	3	42.07	3.77	2.18
	4	10	40.82	9.36	2.96	10	45.06	15.32	4.84	10	39.57	17.36	5.49	3	41.82	2.88	1.66
	5	10	88.33	22.94	7.25	10	93.49	23.33	7.38	10	81.36	38.35	12.13	3	87.73	6.09	3.51
	6	10	85.10	28.74	9.09	10	83.69	39.17	12.39	10	72.92	23.54	7.44	3	80.57	6.66	3.85
	7	10	240.85	46.03	14.56	10	232.49	59.72	18.88	10	188.60	37.89	11.98	3	220.65	28.07	16.21
	8	10	3.53	1.71	0.54	10	3.13	1.62	0.51	10	2.57	1.20	0.38	3	3.08	0.48	0.28
	9	10	239.38	48.22	15.25	10	245.85	47.01	14.86	10	231.88	37.09	11.73	3	239.04	7.00	4.04

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	45.61	17.04	5.39	10	47.98	25.37	8.02	10	44.20	20.77	6.57	3	45.93	1.91	1.10
	2	10	34.02	8.89	2.81	10	37.28	12.59	3.98	10	30.77	16.58	5.24	3	34.02	3.26	1.88
	3	10	45.86	9.37	2.96	10	31.34	10.00	3.16	10	38.36	17.25	5.45	3	38.52	7.26	4.19
	4	10	76.23	38.64	12.22	10	38.50	11.24	3.55	10	27.80	14.26	4.51	3	47.51	25.44	14.69
	5	10	117.36	56.75	17.95	10	82.95	18.47	5.84	10	22.76	17.81	5.63	3	74.36	47.88	27.64
	6	10	68.59	48.98	15.49	10	39.95	22.75	7.19	10	13.42	8.41	2.66	3	40.65	27.59	15.93
	7	10	305.65	209.09	66.12	10	184.33	31.30	9.90	10	46.18	43.82	13.86	3	178.72	129.83	74.96
	8	10	4.79	2.49	0.79	10	1.98	0.72	0.23	10	0.47	0.81	0.25	3	2.41	2.19	1.27
	9	10	319.09	99.08	31.33	10	238.05	32.63	10.32	10	163.89	37.47	11.85	3	240.34	77.62	44.82

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	62.23	28.75	9.09	10	87.37	53.64	16.96	10	73.51	26.46	8.37	3	74.37	12.59	7.27
	2	10	34.18	15.67	4.96	10	37.31	18.40	5.82	10	44.66	24.19	7.65	3	38.72	5.38	3.11
	3	10	46.99	23.52	7.44	10	51.39	22.45	7.10	10	36.63	12.99	4.11	3	45.01	7.58	4.38
	4	10	36.88	24.75	7.83	10	41.67	13.97	4.42	10	42.31	16.71	5.29	3	40.29	2.97	1.71
	5	10	47.27	20.62	6.52	10	50.92	11.31	3.58	10	62.11	22.26	7.04	3	53.43	7.73	4.46
	6	10	36.08	17.91	5.66	10	38.78	13.71	4.34	10	44.76	21.38	6.76	3	39.88	4.44	2.56
	7	10	121.31	40.46	12.79	10	97.11	16.39	5.18	10	147.57	45.67	14.44	3	122.00	25.24	14.57
	8	10	1.26	0.78	0.25	10	1.51	0.58	0.18	10	1.52	0.59	0.19	3	1.43	0.15	0.09
	9	10	227.56	75.12	23.75	10	268.66	85.32	26.98	10	259.22	58.15	18.39	3	251.81	21.53	12.43
30-Minute	1	10	62.51	26.19	8.28	10	35.94	16.14	5.11	10	41.63	19.64	6.21	3	46.69	13.99	8.08
	2	10	35.47	8.55	2.70	10	35.82	13.30	4.21	10	35.42	9.13	2.89	3	35.57	0.22	0.13
	3	10	48.99	27.25	8.62	10	54.89	19.81	6.27	10	49.36	14.75	4.66	3	51.08	3.31	1.91
	4	10	31.31	13.01	4.11	10	28.22	11.89	3.76	10	46.33	31.54	9.98	3	35.29	9.69	5.59
	5	10	58.35	19.89	6.29	10	42.82	9.31	2.94	10	38.92	14.69	4.64	3	46.70	10.28	5.94
	6	10	35.16	16.87	5.34	10	27.38	9.91	3.13	10	23.05	10.03	3.17	3	28.53	6.14	3.54
	7	10	103.86	19.06	6.03	10	81.41	11.81	3.74	10	89.02	24.81	7.84	3	91.43	11.42	6.59
	8	10	1.72	0.55	0.17	10	1.27	0.42	0.13	10	1.25	0.63	0.20	3	1.41	0.27	0.15
	9	10	236.64	56.66	17.92	10	197.70	51.54	16.30	10	211.66	62.19	19.67	3	215.33	19.73	11.39
90-Minute	1	10	38.21	18.51	5.85	10	44.06	10.49	3.32	10	36.55	16.06	5.08	3	39.61	3.95	2.28
	2	10	31.57	14.44	4.57	10	37.36	19.99	6.32	10	29.27	9.40	2.97	3	32.73	4.17	2.41
	3	10	34.32	5.44	1.72	10	35.78	15.30	4.84	10	31.59	10.97	3.47	3	33.90	2.13	1.23
	4	10	25.15	7.09	2.24	10	26.60	13.95	4.41	10	26.33	8.32	2.63	3	26.02	0.77	0.44
	5	10	50.83	14.09	4.45	10	37.01	7.91	2.50	10	36.90	7.88	2.49	3	41.58	8.01	4.63
	6	10	34.34	9.15	2.89	10	42.39	12.21	3.86	10	39.38	11.08	3.50	3	38.70	4.06	2.35
	7	10	113.35	21.72	6.87	10	87.50	16.91	5.35	10	78.75	13.64	4.31	3	93.20	17.99	10.39
	8	10	1.60	0.48	0.15	10	1.36	0.74	0.23	10	1.13	0.38	0.12	3	1.36	0.23	0.13
	9	10	180.08	26.27	8.31	10	180.81	45.50	14.39	10	160.63	28.66	9.06	3	173.84	11.45	6.61
300-Minute	1	10	27.23	8.71	2.75	10	39.20	19.10	6.04	10	34.44	13.09	4.14	3	33.62	6.03	3.48
	2	10	33.41	17.51	5.54	10	29.08	9.69	3.06	10	28.70	9.79	3.10	3	30.40	2.62	1.51
	3	10	41.71	16.24	5.14	10	40.43	13.94	4.41	10	41.42	21.70	6.86	3	41.19	0.67	0.39
	4	10	25.21	6.49	2.05	10	23.82	8.13	2.57	10	33.17	17.41	5.51	3	27.40	5.04	2.91
	5	10	45.10	11.92	3.77	10	41.63	9.30	2.94	10	48.72	15.78	4.99	3	45.15	3.54	2.05
	6	10	33.67	10.08	3.19	10	34.77	13.63	4.31	10	37.25	18.19	5.75	3	35.23	1.83	1.06
	7	10	102.29	23.80	7.53	10	96.00	32.44	10.26	10	94.12	47.17	14.92	3	97.47	4.28	2.47
	8	10	1.29	0.61	0.19	10	1.76	1.60	0.51	10	1.20	1.23	0.39	3	1.42	0.30	0.17
	9	10	172.66	33.67	10.65	10	174.16	22.05	6.97	10	186.45	47.80	15.12	3	177.76	7.57	4.37

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	44.00	23.62	7.47	10	44.09	21.70	6.86	10	38.46	16.72	5.29	3	42.18	3.23	1.86
	2	10	29.92	14.89	4.71	10	35.85	8.06	2.55	10	32.51	10.59	3.35	3	32.76	2.97	1.72
	3	10	37.16	8.00	2.53	10	34.52	12.55	3.97	10	39.14	22.00	6.96	3	36.94	2.32	1.34
	4	10	34.19	20.21	6.39	10	24.22	6.97	2.20	10	19.79	10.48	3.32	3	26.07	7.38	4.26
	5	10	40.06	19.46	6.15	10	29.76	5.28	1.67	10	15.49	5.59	1.77	3	28.43	12.34	7.12
	6	10	28.18	12.06	3.81	10	24.71	9.17	2.90	10	11.03	5.42	1.71	3	21.31	9.07	5.24
	7	10	87.34	53.26	16.84	10	57.95	8.58	2.71	10	24.55	14.46	4.57	3	56.61	31.41	18.14
	8	10	1.29	0.75	0.24	10	0.88	0.39	0.12	10	0.28	0.26	0.08	3	0.82	0.51	0.29
	9	10	185.33	55.68	17.61	10	168.43	28.39	8.98	10	145.40	34.77	11.00	3	166.39	20.05	11.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	19.15	9.16	2.90	10	10.67	9.39	2.97	10	16.41	6.24	1.97	3	15.41	4.32	2.50
	2	10	10.59	6.28	1.99	10	11.89	3.86	1.22	10	12.75	4.82	1.52	3	11.75	1.09	0.63
	3	10	16.22	5.16	1.63	10	17.28	4.23	1.34	10	17.53	4.85	1.53	3	17.01	0.70	0.40
	4	10	19.36	4.18	1.32	10	23.13	7.49	2.37	10	20.49	7.66	2.42	3	20.99	1.93	1.12
	5	10	34.68	9.88	3.13	10	37.03	12.80	4.05	10	32.82	11.52	3.64	3	34.84	2.11	1.22
30-Minute	1	10	28.43	13.75	4.35	10	28.83	17.93	5.67	10	43.70	14.14	4.47	3	33.65	8.71	5.03
	2	10	12.96	5.98	1.89	10	14.44	4.93	1.56	10	14.22	4.48	1.42	3	13.87	0.80	0.46
	3	10	17.08	3.81	1.20	10	14.08	4.32	1.37	10	13.36	4.10	1.30	3	14.84	1.97	1.14
	4	10	18.30	7.40	2.34	10	16.64	5.48	1.73	10	13.29	6.14	1.94	3	16.08	2.55	1.47
	5	10	23.23	9.74	3.08	10	26.00	13.01	4.11	10	15.42	9.75	3.08	3	21.55	5.48	3.17
90-Minute	1	10	32.62	9.85	3.11	10	36.59	14.69	4.65	10	27.52	11.22	3.55	3	32.24	4.54	2.62
	2	10	19.16	6.49	2.05	10	14.52	5.97	1.89	10	14.42	4.13	1.31	3	16.04	2.71	1.56
	3	10	14.74	4.32	1.37	10	10.59	4.06	1.28	10	13.69	5.05	1.60	3	13.01	2.16	1.24
	4	10	13.72	2.97	0.94	10	14.83	6.64	2.10	10	19.13	5.50	1.74	3	15.89	2.86	1.65
	5	10	19.76	12.77	4.04	10	23.47	13.10	4.14	10	25.23	8.83	2.79	3	22.82	2.79	1.61
300-Minute	1	10	25.47	9.76	3.09	10	31.74	16.11	5.09	10	30.50	10.53	3.33	3	29.24	3.32	1.92
	2	10	13.19	2.50	0.79	10	12.49	4.05	1.28	10	16.04	6.40	2.03	3	13.91	1.88	1.09
	3	10	12.54	5.01	1.58	10	12.63	3.25	1.03	10	15.12	5.62	1.78	3	13.43	1.46	0.85
	4	10	15.30	5.34	1.69	10	15.95	5.95	1.88	10	14.74	4.96	1.57	3	15.33	0.60	0.35
	5	10	33.50	9.79	3.10	10	27.19	12.07	3.82	10	23.60	10.58	3.34	3	28.09	5.01	2.89
600-Minute	1	10	40.49	15.50	4.90	10	39.22	13.05	4.13	10	42.88	15.08	4.77	3	40.86	1.86	1.07
	2	10	18.11	7.31	2.31	10	16.71	4.84	1.53	10	16.40	5.02	1.59	3	17.07	0.91	0.53
	3	10	10.64	3.52	1.11	10	13.07	4.86	1.54	10	15.35	5.44	1.72	3	13.02	2.35	1.36
	4	10	12.99	8.23	2.60	10	14.49	5.66	1.79	10	11.91	4.40	1.39	3	13.13	1.30	0.75
	5	10	17.77	7.29	2.31	10	16.51	4.86	1.54	10	13.46	6.46	2.04	3	15.91	2.21	1.28

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	28.12	8.69	2.75	10	19.36	7.95	2.51	10	21.80	5.15	1.63	3	23.09	4.52	2.61
	2	10	16.70	8.77	2.77	10	15.48	3.40	1.08	10	17.18	4.72	1.49	3	16.45	0.87	0.51
	3	10	21.76	5.94	1.88	10	27.11	8.03	2.54	10	22.30	3.79	1.20	3	23.73	2.95	1.70
	4	10	18.34	4.39	1.39	10	20.89	3.85	1.22	10	21.46	4.87	1.54	3	20.23	1.66	0.96
	5	10	15.09	6.36	2.01	10	17.15	5.60	1.77	10	17.26	6.80	2.15	3	16.50	1.23	0.71
30-Minute	1	10	32.29	8.01	2.53	10	30.08	8.27	2.62	10	40.03	11.70	3.70	3	34.14	5.22	3.02
	2	10	18.53	6.77	2.14	10	17.20	9.38	2.97	10	19.07	6.49	2.05	3	18.27	0.96	0.55
	3	10	20.90	5.75	1.82	10	17.78	4.83	1.53	10	16.72	8.31	2.63	3	18.46	2.17	1.25
	4	10	18.40	6.30	1.99	10	19.39	6.70	2.12	10	14.41	7.46	2.36	3	17.40	2.64	1.52
	5	10	9.88	5.46	1.73	10	15.55	6.40	2.02	10	9.78	5.23	1.65	3	11.74	3.30	1.91
90-Minute	1	10	30.86	7.50	2.37	10	39.37	16.54	5.23	10	34.22	10.52	3.33	3	34.81	4.29	2.47
	2	10	23.25	6.49	2.05	10	19.12	5.12	1.62	10	20.65	5.60	1.77	3	21.01	2.09	1.21
	3	10	16.88	6.58	2.08	10	15.36	7.41	2.34	10	17.27	4.95	1.56	3	16.50	1.01	0.58
	4	10	17.79	5.52	1.75	10	13.65	7.29	2.30	10	14.70	3.19	1.01	3	15.38	2.15	1.24
	5	10	11.22	5.78	1.83	10	12.51	6.65	2.10	10	13.17	4.19	1.32	3	12.30	0.99	0.57
300-Minute	1	10	28.62	8.78	2.78	10	32.32	11.46	3.62	10	27.62	7.30	2.31	3	29.52	2.47	1.43
	2	10	16.45	5.32	1.68	10	16.50	5.28	1.67	10	24.81	9.22	2.92	3	19.25	4.81	2.78
	3	10	17.96	4.17	1.32	10	16.83	5.62	1.78	10	14.12	3.32	1.05	3	16.30	1.98	1.14
	4	10	15.73	5.70	1.80	10	15.65	3.60	1.14	10	15.54	4.14	1.31	3	15.64	0.09	0.05
	5	10	21.24	5.86	1.85	10	18.70	6.01	1.90	10	17.91	9.20	2.91	3	19.28	1.74	1.00
600-Minute	1	10	30.94	8.35	2.64	10	30.98	10.30	3.26	10	35.09	11.11	3.51	3	32.34	2.39	1.38
	2	10	23.10	6.86	2.17	10	17.33	4.55	1.44	10	21.11	7.78	2.46	3	20.51	2.93	1.69
	3	10	13.03	4.38	1.38	10	16.45	4.35	1.37	10	16.23	7.09	2.24	3	15.23	1.92	1.11
	4	10	15.21	5.42	1.72	10	18.32	6.10	1.93	10	15.09	5.42	1.71	3	16.21	1.83	1.06
	5	10	17.73	5.25	1.66	10	16.92	5.24	1.66	10	12.47	3.60	1.14	3	15.70	2.83	1.63

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	22.35	10.38	3.28	10	16.61	5.16	1.63	10	25.38	6.61	2.09	3	21.45	4.45	2.57
	2	10	13.85	5.79	1.83	10	14.03	3.48	1.10	10	16.49	5.90	1.87	3	14.79	1.47	0.85
	3	10	22.22	6.61	2.09	10	18.60	4.26	1.35	10	16.73	6.33	2.00	3	19.18	2.79	1.61
	4	10	17.61	5.53	1.75	10	21.11	7.12	2.25	10	20.81	4.29	1.36	3	19.84	1.94	1.12
	5	10	23.97	8.70	2.75	10	29.65	7.44	2.35	10	20.60	6.83	2.16	3	24.74	4.58	2.64
30-Minute	1	10	29.31	11.79	3.73	10	28.72	13.34	4.22	10	37.38	11.65	3.68	3	31.80	4.84	2.79
	2	10	16.69	5.30	1.68	10	13.09	4.96	1.57	10	18.11	5.68	1.79	3	15.96	2.59	1.49
	3	10	17.82	6.48	2.05	10	14.48	6.09	1.93	10	14.79	3.48	1.10	3	15.70	1.84	1.06
	4	10	15.89	5.94	1.88	10	20.11	7.30	2.31	10	15.50	5.62	1.78	3	17.17	2.56	1.48
	5	10	20.28	15.28	4.83	10	23.59	9.37	2.96	10	14.21	6.96	2.20	3	19.36	4.76	2.75
90-Minute	1	10	36.92	10.33	3.27	10	31.57	12.07	3.82	10	30.62	4.68	1.48	3	33.03	3.40	1.96
	2	10	16.92	5.13	1.62	10	15.47	5.18	1.64	10	15.56	8.31	2.63	3	15.98	0.81	0.47
	3	10	16.30	3.30	1.05	10	15.95	4.74	1.50	10	12.63	3.35	1.06	3	14.96	2.03	1.17
	4	10	16.24	7.64	2.41	10	16.33	4.45	1.41	10	17.89	5.03	1.59	3	16.82	0.93	0.54
	5	10	13.62	5.84	1.85	10	20.67	15.18	4.80	10	23.30	7.40	2.34	3	19.20	5.01	2.89
300-Minute	1	10	24.28	7.96	2.52	10	24.98	6.15	1.95	10	30.42	6.16	1.95	3	26.56	3.36	1.94
	2	10	10.36	3.05	0.96	10	11.66	4.15	1.31	10	18.28	6.75	2.14	3	13.43	4.25	2.45
	3	10	10.97	3.73	1.18	10	10.64	2.63	0.83	10	12.72	3.99	1.26	3	11.44	1.12	0.65
	4	10	14.62	5.23	1.65	10	20.16	5.62	1.78	10	13.65	3.83	1.21	3	16.14	3.51	2.03
	5	10	39.77	11.22	3.55	10	32.56	7.75	2.45	10	24.93	5.62	1.78	3	32.42	7.42	4.28
600-Minute	1	10	25.90	8.19	2.59	10	21.26	5.73	1.81	10	22.99	6.17	1.95	3	23.38	2.34	1.35
	2	10	12.54	2.99	0.94	10	13.85	4.26	1.35	10	17.75	5.18	1.64	3	14.71	2.71	1.56
	3	10	10.54	3.21	1.01	10	11.16	3.21	1.01	10	9.52	3.02	0.96	3	10.41	0.83	0.48
	4	10	17.86	5.96	1.89	10	21.67	6.22	1.97	10	18.47	5.14	1.62	3	19.33	2.04	1.18
	5	10	33.16	8.39	2.65	10	32.06	4.97	1.57	10	31.27	8.96	2.83	3	32.17	0.95	0.55

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	24.50	14.69	4.65	10	16.45	5.76	1.82	10	25.44	7.41	2.34	3	22.13	4.94	2.85
	2	10	16.54	6.75	2.14	10	15.14	3.20	1.01	10	17.85	6.73	2.13	3	16.51	1.36	0.78
	3	10	19.74	6.22	1.97	10	21.81	5.61	1.77	10	18.48	5.54	1.75	3	20.01	1.68	0.97
	4	10	15.84	6.66	2.11	10	20.18	5.82	1.84	10	17.45	5.14	1.63	3	17.82	2.19	1.26
	5	10	23.38	11.70	3.70	10	26.43	7.40	2.34	10	20.78	6.73	2.13	3	23.53	2.82	1.63
30-Minute	1	10	32.39	9.95	3.15	10	32.89	13.68	4.33	10	43.89	11.00	3.48	3	36.39	6.50	3.75
	2	10	17.41	6.36	2.01	10	20.08	6.37	2.02	10	14.72	4.31	1.36	3	17.41	2.68	1.55
	3	10	15.23	4.32	1.37	10	16.92	5.83	1.84	10	14.96	5.74	1.81	3	15.70	1.06	0.61
	4	10	17.59	5.01	1.58	10	13.92	5.27	1.67	10	16.88	9.21	2.91	3	16.13	1.95	1.12
	5	10	17.38	8.59	2.72	10	16.19	7.56	2.39	10	9.55	3.10	0.98	3	14.37	4.22	2.44
90-Minute	1	10	42.69	11.51	3.64	10	34.49	8.09	2.56	10	28.60	6.47	2.05	3	35.26	7.08	4.09
	2	10	18.55	4.57	1.45	10	19.78	2.97	0.94	10	18.24	8.20	2.59	3	18.86	0.82	0.47
	3	10	13.31	3.41	1.08	10	15.62	3.96	1.25	10	17.64	7.79	2.46	3	15.53	2.17	1.25
	4	10	15.90	10.21	3.23	10	16.22	4.00	1.26	10	18.04	5.82	1.84	3	16.72	1.16	0.67
	5	10	9.55	4.31	1.36	10	13.89	8.53	2.70	10	17.49	6.43	2.03	3	13.64	3.97	2.29
300-Minute	1	10	33.76	12.32	3.89	10	33.40	10.99	3.48	10	34.09	6.85	2.17	3	33.75	0.34	0.20
	2	10	15.30	3.11	0.98	10	21.52	6.64	2.10	10	22.65	6.35	2.01	3	19.82	3.96	2.29
	3	10	12.42	5.04	1.59	10	13.37	4.64	1.47	10	15.19	4.53	1.43	3	13.66	1.40	0.81
	4	10	15.32	4.05	1.28	10	16.31	6.02	1.90	10	12.27	2.58	0.82	3	14.63	2.11	1.22
	5	10	23.19	8.72	2.76	10	15.40	4.77	1.51	10	15.81	5.18	1.64	3	18.13	4.38	2.53
600-Minute	1	10	42.10	7.66	2.42	10	40.33	10.91	3.45	10	38.55	7.64	2.42	3	40.33	1.77	1.02
	2	10	18.89	4.40	1.39	10	19.62	6.06	1.91	10	24.43	8.06	2.55	3	20.98	3.01	1.74
	3	10	14.61	4.25	1.35	10	13.52	3.19	1.01	10	13.81	3.44	1.09	3	13.98	0.57	0.33
	4	10	9.56	1.93	0.61	10	13.74	4.62	1.46	10	9.47	4.05	1.28	3	10.92	2.44	1.41
	5	10	14.83	5.09	1.61	10	12.78	5.32	1.68	10	13.74	4.72	1.49	3	13.78	1.03	0.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.05	0.23	0.07	10	2.23	0.30	0.09	10	2.02	0.16	0.05	3	2.10	0.11	0.07
	2	10	5.76	0.43	0.14	10	5.82	0.24	0.07	10	5.67	0.30	0.10	3	5.75	0.08	0.04
	3	10	10.38	0.44	0.14	10	10.05	0.52	0.16	10	10.55	0.55	0.17	3	10.33	0.26	0.15
	4	10	15.25	0.20	0.06	10	15.46	0.47	0.15	10	15.27	0.30	0.09	3	15.33	0.12	0.07
	5	10	21.47	0.51	0.16	10	21.43	0.22	0.07	10	21.15	0.56	0.18	3	21.35	0.17	0.10
	9	10	13.05	1.88	0.59	10	14.20	2.10	0.67	10	13.00	1.77	0.56	3	13.42	0.68	0.39
30-Minute	1	10	2.13	0.24	0.08	10	1.87	0.36	0.11	10	1.80	0.28	0.09	3	1.93	0.18	0.10
	2	10	5.68	0.36	0.11	10	5.64	0.30	0.10	10	5.61	0.50	0.16	3	5.64	0.03	0.02
	3	10	10.35	0.59	0.19	10	10.14	0.43	0.14	10	10.23	0.36	0.11	3	10.24	0.10	0.06
	4	10	15.13	0.48	0.15	10	15.34	0.64	0.20	10	15.23	0.27	0.09	3	15.23	0.11	0.06
	5	10	21.12	0.55	0.17	10	20.98	0.44	0.14	10	21.32	0.34	0.11	3	21.14	0.17	0.10
	9	10	10.78	2.46	0.78	10	10.72	2.87	0.91	10	8.25	2.53	0.80	3	9.92	1.44	0.83
90-Minute	1	10	1.78	0.25	0.08	10	2.04	0.30	0.09	10	2.01	0.19	0.06	3	1.94	0.14	0.08
	2	10	5.86	0.32	0.10	10	5.37	0.17	0.05	10	5.84	0.30	0.09	3	5.69	0.28	0.16
	3	10	10.26	0.41	0.13	10	10.11	0.46	0.15	10	10.10	0.40	0.13	3	10.16	0.09	0.05
	4	10	15.23	0.67	0.21	10	15.25	0.36	0.11	10	15.28	0.40	0.13	3	15.25	0.03	0.01
	5	10	21.24	0.46	0.14	10	21.08	0.58	0.18	10	21.25	0.46	0.14	3	21.19	0.09	0.05
	9	10	9.49	2.46	0.78	10	9.77	2.96	0.93	10	11.08	2.12	0.67	3	10.11	0.85	0.49
300-Minute	1	10	1.95	0.28	0.09	10	1.91	0.32	0.10	10	2.02	0.31	0.10	3	1.96	0.05	0.03
	2	10	5.43	0.51	0.16	10	5.71	0.30	0.09	10	5.61	0.36	0.12	3	5.58	0.14	0.08
	3	10	10.34	0.46	0.15	10	10.00	0.32	0.10	10	10.15	0.51	0.16	3	10.17	0.17	0.10
	4	10	15.39	0.40	0.13	10	15.52	0.42	0.13	10	15.39	0.42	0.13	3	15.43	0.07	0.04
	5	10	21.14	0.38	0.12	10	21.36	0.61	0.19	10	21.22	0.44	0.14	3	21.24	0.11	0.07
	9	10	11.91	1.68	0.53	10	10.88	3.00	0.95	10	10.32	2.15	0.68	3	11.04	0.80	0.46
600-Minute	1	10	1.95	0.34	0.11	10	1.75	0.21	0.07	10	1.83	0.15	0.05	3	1.84	0.11	0.06
	2	10	5.62	0.25	0.08	10	5.60	0.38	0.12	10	5.75	0.30	0.09	3	5.66	0.08	0.05
	3	10	10.14	0.33	0.10	10	10.10	0.43	0.14	10	9.82	0.41	0.13	3	10.02	0.17	0.10
	4	10	15.20	0.31	0.10	10	15.26	0.39	0.12	10	15.26	0.53	0.17	3	15.24	0.03	0.02
	5	10	21.22	0.60	0.19	10	21.11	0.42	0.13	10	21.22	0.55	0.17	3	21.19	0.06	0.04
	9	10	8.58	2.43	0.77	10	8.62	1.79	0.57	10	7.92	2.06	0.65	3	8.37	0.39	0.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.04	0.35	0.11	10	2.24	0.28	0.09	10	2.19	0.31	0.10	3	2.16	0.10	0.06
	2	10	5.93	0.52	0.16	10	5.65	0.35	0.11	10	5.64	0.34	0.11	3	5.74	0.16	0.09
	3	10	10.17	0.53	0.17	10	10.35	0.38	0.12	10	10.47	0.50	0.16	3	10.33	0.16	0.09
	4	10	15.08	0.31	0.10	10	14.97	0.22	0.07	10	15.07	0.58	0.18	3	15.04	0.06	0.04
	5	10	21.01	0.36	0.12	10	20.93	0.16	0.05	10	20.79	0.52	0.16	3	20.91	0.11	0.07
	9	10	9.70	1.65	0.52	10	10.85	1.02	0.32	10	10.61	0.72	0.23	3	10.39	0.61	0.35
30-Minute	1	10	2.19	0.30	0.10	10	2.12	0.25	0.08	10	2.00	0.18	0.06	3	2.11	0.10	0.06
	2	10	5.62	0.34	0.11	10	5.50	0.37	0.12	10	5.52	0.34	0.11	3	5.55	0.06	0.04
	3	10	10.49	0.28	0.09	10	10.26	0.46	0.15	10	10.12	0.35	0.11	3	10.29	0.19	0.11
	4	10	14.93	0.41	0.13	10	15.38	0.35	0.11	10	14.77	0.29	0.09	3	15.03	0.32	0.18
	5	10	20.72	0.60	0.19	10	20.90	0.35	0.11	10	21.19	0.45	0.14	3	20.94	0.24	0.14
	9	10	8.74	1.06	0.33	10	9.62	1.48	0.47	10	7.76	1.86	0.59	3	8.71	0.93	0.54
90-Minute	1	10	2.13	0.17	0.05	10	1.96	0.29	0.09	10	2.07	0.28	0.09	3	2.06	0.09	0.05
	2	10	5.56	0.27	0.09	10	5.61	0.42	0.13	10	5.69	0.29	0.09	3	5.62	0.07	0.04
	3	10	10.15	0.53	0.17	10	9.90	0.40	0.13	10	9.92	0.29	0.09	3	9.99	0.14	0.08
	4	10	15.18	0.40	0.13	10	15.22	0.40	0.13	10	15.10	0.39	0.12	3	15.17	0.06	0.03
	5	10	20.92	0.62	0.20	10	21.01	0.53	0.17	10	21.44	0.44	0.14	3	21.12	0.28	0.16
	9	10	8.71	1.10	0.35	10	8.05	2.29	0.72	10	8.67	1.32	0.42	3	8.48	0.37	0.21
300-Minute	1	10	2.03	0.20	0.06	10	2.10	0.34	0.11	10	2.11	0.27	0.08	3	2.08	0.05	0.03
	2	10	5.63	0.42	0.13	10	5.63	0.43	0.14	10	5.52	0.23	0.07	3	5.59	0.06	0.04
	3	10	10.21	0.44	0.14	10	10.15	0.47	0.15	10	10.08	0.43	0.14	3	10.15	0.06	0.04
	4	10	15.23	0.34	0.11	10	15.12	0.27	0.09	10	15.52	0.39	0.12	3	15.29	0.21	0.12
	5	10	20.88	0.45	0.14	10	21.27	0.54	0.17	10	20.83	0.23	0.07	3	20.99	0.24	0.14
	9	10	10.14	1.18	0.37	10	9.64	1.46	0.46	10	9.51	1.39	0.44	3	9.76	0.33	0.19
600-Minute	1	10	2.19	0.25	0.08	10	2.12	0.30	0.09	10	1.98	0.20	0.06	3	2.10	0.11	0.06
	2	10	5.54	0.30	0.09	10	5.81	0.51	0.16	10	5.69	0.16	0.05	3	5.68	0.13	0.08
	3	10	10.18	0.41	0.13	10	10.16	0.50	0.16	10	9.80	0.38	0.12	3	10.05	0.21	0.12
	4	10	15.30	0.31	0.10	10	15.37	0.39	0.12	10	15.24	0.35	0.11	3	15.30	0.07	0.04
	5	10	21.26	0.38	0.12	10	20.94	0.40	0.13	10	21.22	0.55	0.17	3	21.14	0.17	0.10
	9	10	9.38	1.26	0.40	10	9.69	1.78	0.56	10	8.43	1.45	0.46	3	9.16	0.66	0.38

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.23	0.31	0.10	10	2.24	0.25	0.08	10	2.23	0.22	0.07	3	2.23	0.01	0.00
	2	10	5.85	0.38	0.12	10	5.73	0.34	0.11	10	5.42	0.34	0.11	3	5.67	0.22	0.13
	3	10	10.13	0.27	0.09	10	10.27	0.48	0.15	10	10.12	0.30	0.10	3	10.17	0.08	0.05
	4	10	15.14	0.39	0.12	10	15.21	0.33	0.11	10	15.13	0.32	0.10	3	15.16	0.04	0.03
	5	10	21.46	0.57	0.18	10	21.83	0.43	0.13	10	21.35	0.51	0.16	3	21.55	0.25	0.15
	9	10	11.37	1.93	0.61	10	12.79	0.97	0.31	10	10.71	1.62	0.51	3	11.62	1.06	0.61
30-Minute	1	10	2.17	0.18	0.06	10	2.10	0.28	0.09	10	2.12	0.21	0.07	3	2.13	0.03	0.02
	2	10	5.44	0.34	0.11	10	5.62	0.41	0.13	10	5.61	0.32	0.10	3	5.55	0.10	0.06
	3	10	10.37	0.23	0.07	10	10.42	0.39	0.12	10	10.10	0.42	0.13	3	10.30	0.17	0.10
	4	10	15.03	0.44	0.14	10	15.34	0.42	0.13	10	14.91	0.40	0.13	3	15.09	0.22	0.13
	5	10	21.09	0.84	0.26	10	21.31	0.53	0.17	10	21.57	0.52	0.16	3	21.33	0.24	0.14
	9	10	10.14	2.85	0.90	10	10.95	2.43	0.77	10	8.67	1.80	0.57	3	9.92	1.16	0.67
90-Minute	1	10	2.00	0.34	0.11	10	2.18	0.28	0.09	10	2.13	0.33	0.10	3	2.11	0.09	0.05
	2	10	5.48	0.19	0.06	10	5.49	0.27	0.09	10	5.75	0.27	0.09	3	5.57	0.15	0.09
	3	10	10.44	0.31	0.10	10	10.10	0.43	0.14	10	10.20	0.50	0.16	3	10.25	0.18	0.10
	4	10	15.09	0.34	0.11	10	14.90	0.31	0.10	10	15.02	0.34	0.11	3	15.00	0.10	0.06
	5	10	21.22	0.34	0.11	10	21.39	0.42	0.13	10	21.39	0.43	0.14	3	21.33	0.10	0.06
	9	10	8.73	1.86	0.59	10	9.99	2.59	0.82	10	10.52	1.46	0.46	3	9.75	0.92	0.53
300-Minute	1	10	2.13	0.21	0.07	10	2.14	0.22	0.07	10	2.21	0.41	0.13	3	2.16	0.04	0.03
	2	10	5.57	0.48	0.15	10	5.52	0.23	0.07	10	5.51	0.31	0.10	3	5.53	0.03	0.02
	3	10	10.33	0.40	0.13	10	10.44	0.46	0.15	10	10.25	0.37	0.12	3	10.34	0.10	0.06
	4	10	15.63	0.41	0.13	10	15.36	0.51	0.16	10	15.30	0.17	0.06	3	15.43	0.18	0.10
	5	10	21.26	0.71	0.22	10	21.02	0.50	0.16	10	21.10	0.47	0.15	3	21.13	0.12	0.07
	9	10	12.94	1.68	0.53	10	12.22	1.52	0.48	10	10.32	0.51	0.16	3	11.82	1.35	0.78
600-Minute	1	10	2.10	0.33	0.10	10	2.17	0.27	0.09	10	2.12	0.28	0.09	3	2.13	0.03	0.02
	2	10	5.50	0.37	0.12	10	5.51	0.36	0.11	10	5.69	0.26	0.08	3	5.57	0.11	0.06
	3	10	10.20	0.65	0.21	10	10.33	0.31	0.10	10	10.21	0.42	0.13	3	10.25	0.07	0.04
	4	10	15.65	0.36	0.11	10	15.58	0.33	0.10	10	15.58	0.33	0.10	3	15.61	0.04	0.02
	5	10	20.81	0.40	0.13	10	21.11	0.31	0.10	10	20.80	0.49	0.16	3	20.91	0.18	0.10
	9	10	12.01	1.47	0.46	10	12.53	0.98	0.31	10	11.89	1.73	0.55	3	12.14	0.34	0.20

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.16	0.29	0.09	10	2.26	0.29	0.09	10	2.20	0.29	0.09	3	2.20	0.05	0.03
	2	10	5.83	0.45	0.14	10	5.79	0.24	0.08	10	5.65	0.25	0.08	3	5.76	0.10	0.06
	3	10	9.91	0.29	0.09	10	10.24	0.34	0.11	10	10.25	0.32	0.10	3	10.13	0.19	0.11
	4	10	15.10	0.34	0.11	10	15.35	0.38	0.12	10	15.23	0.65	0.21	3	15.23	0.13	0.07
	5	10	21.51	0.45	0.14	10	21.09	0.50	0.16	10	21.24	0.46	0.15	3	21.28	0.21	0.12
	9	10	10.91	2.63	0.83	10	12.16	1.03	0.33	10	10.54	1.65	0.52	3	11.20	0.85	0.49
30-Minute	1	10	2.02	0.22	0.07	10	2.05	0.21	0.07	10	2.09	0.25	0.08	3	2.05	0.04	0.02
	2	10	5.56	0.48	0.15	10	5.63	0.49	0.15	10	5.72	0.26	0.08	3	5.64	0.08	0.05
	3	10	10.17	0.32	0.10	10	10.21	0.36	0.11	10	9.97	0.50	0.16	3	10.12	0.13	0.08
	4	10	15.26	0.40	0.13	10	15.04	0.37	0.12	10	14.90	0.45	0.14	3	15.06	0.18	0.10
	5	10	21.03	0.31	0.10	10	20.94	0.63	0.20	10	21.20	0.41	0.13	3	21.06	0.13	0.08
	9	10	9.49	1.71	0.54	10	9.06	1.91	0.60	10	7.77	1.45	0.46	3	8.77	0.89	0.52
90-Minute	1	10	2.07	0.30	0.10	10	2.13	0.23	0.07	10	2.21	0.43	0.14	3	2.14	0.07	0.04
	2	10	5.62	0.32	0.10	10	5.56	0.45	0.14	10	5.65	0.32	0.10	3	5.61	0.05	0.03
	3	10	10.34	0.38	0.12	10	10.11	0.34	0.11	10	9.85	0.37	0.12	3	10.10	0.25	0.14
	4	10	15.07	0.43	0.13	10	15.15	0.32	0.10	10	15.04	0.43	0.14	3	15.09	0.05	0.03
	5	10	21.15	0.66	0.21	10	21.16	0.43	0.14	10	21.31	0.33	0.10	3	21.21	0.09	0.05
	9	10	7.70	1.64	0.52	10	8.82	1.59	0.50	10	9.85	1.29	0.41	3	8.79	1.07	0.62
300-Minute	1	10	2.02	0.18	0.06	10	1.98	0.30	0.10	10	2.20	0.33	0.11	3	2.07	0.11	0.07
	2	10	5.84	0.33	0.10	10	5.58	0.43	0.14	10	5.49	0.40	0.13	3	5.63	0.18	0.11
	3	10	10.21	0.35	0.11	10	10.25	0.46	0.15	10	10.28	0.39	0.12	3	10.25	0.04	0.02
	4	10	15.26	0.54	0.17	10	15.30	0.38	0.12	10	15.24	0.28	0.09	3	15.27	0.03	0.02
	5	10	21.04	0.57	0.18	10	20.86	0.44	0.14	10	21.03	0.40	0.13	3	20.98	0.10	0.06
	9	10	10.05	1.87	0.59	10	8.92	1.31	0.42	10	8.75	0.98	0.31	3	9.24	0.71	0.41
600-Minute	1	10	2.02	0.31	0.10	10	2.10	0.24	0.08	10	2.24	0.21	0.07	3	2.12	0.11	0.06
	2	10	5.49	0.44	0.14	10	5.47	0.27	0.09	10	5.56	0.33	0.11	3	5.51	0.05	0.03
	3	10	10.07	0.36	0.11	10	10.21	0.23	0.07	10	10.07	0.33	0.10	3	10.11	0.08	0.05
	4	10	15.18	0.42	0.13	10	15.18	0.41	0.13	10	15.06	0.38	0.12	3	15.14	0.07	0.04
	5	10	20.98	0.48	0.15	10	21.30	0.58	0.18	10	21.10	0.50	0.16	3	21.13	0.16	0.09
	9	10	7.91	0.97	0.31	10	8.10	1.51	0.48	10	7.96	1.07	0.34	3	7.99	0.10	0.06

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	7	2.14	0.48	0.18	9	2.83	0.35	0.12	7	2.07	0.73	0.28	3	2.35	0.42	0.24
	2	9	6.61	1.29	0.43	10	5.90	0.81	0.26	10	5.95	1.17	0.37	3	6.15	0.40	0.23
	3	10	10.45	1.09	0.35	10	10.25	1.27	0.40	10	10.70	1.42	0.45	3	10.47	0.23	0.13
	4	10	15.70	0.82	0.26	10	15.95	1.23	0.39	10	15.55	1.42	0.45	3	15.73	0.20	0.12
	5	10	21.65	1.90	0.60	10	22.35	2.17	0.69	10	20.55	1.92	0.61	3	21.52	0.91	0.52
	9	10	15.20	8.08	2.56	10	18.10	6.35	2.01	10	12.45	7.99	2.53	3	15.25	2.83	1.63
30-Minute	1	9	2.44	0.53	0.18	5	2.40	0.89	0.40	5	2.90	0.82	0.37	3	2.58	0.28	0.16
	2	8	6.31	1.22	0.43	10	5.75	0.82	0.26	9	5.94	0.77	0.26	3	6.00	0.29	0.16
	3	10	10.50	1.53	0.48	10	9.55	1.12	0.35	10	11.10	1.39	0.44	3	10.38	0.78	0.45
	4	10	15.20	1.09	0.34	10	15.70	1.40	0.44	10	15.10	1.02	0.32	3	15.33	0.32	0.19
	5	10	21.20	1.46	0.46	10	21.65	1.47	0.47	10	22.30	1.65	0.52	3	21.72	0.55	0.32
	9	10	8.05	8.99	2.84	10	12.45	8.46	2.67	10	8.75	7.24	2.29	3	9.75	2.36	1.37
90-Minute	1	6	2.58	0.86	0.35	8	2.50	0.76	0.27	8	2.25	0.53	0.19	3	2.44	0.17	0.10
	2	10	6.25	0.86	0.27	10	5.95	1.12	0.35	10	6.50	0.75	0.24	3	6.23	0.28	0.16
	3	9	11.22	1.12	0.37	10	10.45	1.30	0.41	10	10.35	1.16	0.37	3	10.67	0.48	0.28
	4	10	15.60	1.39	0.44	10	15.47	1.30	0.41	10	15.15	1.16	0.37	3	15.41	0.23	0.13
	5	10	21.80	2.16	0.68	10	20.80	1.67	0.53	10	21.05	1.57	0.50	3	21.22	0.52	0.30
	9	10	8.80	6.91	2.18	10	7.15	7.86	2.49	10	7.65	8.72	2.76	3	7.87	0.85	0.49
300-Minute	1	6	2.00	0.45	0.18	8	2.19	0.75	0.27	9	2.33	0.79	0.26	3	2.17	0.17	0.10
	2	9	5.89	0.99	0.33	9	5.56	0.81	0.27	9	6.28	0.91	0.30	3	5.91	0.36	0.21
	3	10	10.45	1.28	0.40	10	10.55	0.96	0.30	10	10.25	1.25	0.40	3	10.42	0.15	0.09
	4	10	15.80	1.06	0.34	10	15.95	1.21	0.38	10	15.65	1.29	0.41	3	15.80	0.15	0.09
	5	10	21.30	2.06	0.65	10	21.70	1.80	0.57	10	21.85	1.33	0.42	3	21.62	0.28	0.16
	9	10	9.95	8.51	2.69	10	12.65	9.74	3.08	10	9.20	9.10	2.88	3	10.60	1.81	1.05
600-Minute	1	9	2.61	0.74	0.25	5	2.30	0.67	0.30	9	2.39	0.70	0.23	3	2.43	0.16	0.09
	2	10	5.85	0.78	0.25	7	5.57	1.06	0.40	8	5.50	0.89	0.31	3	5.64	0.18	0.11
	3	10	9.95	1.19	0.38	10	10.45	1.66	0.52	10	10.60	1.41	0.45	3	10.33	0.34	0.20
	4	9	16.44	1.07	0.36	10	15.40	1.02	0.32	10	15.40	1.33	0.42	3	15.75	0.60	0.35
	5	10	21.70	1.65	0.52	10	21.15	1.67	0.53	10	21.35	1.97	0.62	3	21.40	0.28	0.16
	9	10	3.20	1.34	0.42	10	5.25	3.57	1.13	10	5.80	5.33	1.69	3	4.75	1.37	0.79

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.06	0.50	0.18	8	3.00	0.53	0.19	10	2.70	0.63	0.20	3	2.59	0.48	0.28
	2	10	6.50	0.91	0.29	10	6.40	1.02	0.32	9	5.83	1.00	0.33	3	6.24	0.36	0.21
	3	10	10.70	1.18	0.37	10	10.65	1.43	0.45	10	11.15	1.47	0.47	3	10.83	0.28	0.16
	4	10	15.35	1.38	0.43	10	15.00	1.11	0.35	9	14.94	1.24	0.41	3	15.10	0.22	0.13
	5	10	20.80	1.67	0.53	10	20.55	1.57	0.50	10	21.05	1.82	0.57	3	20.80	0.25	0.14
	9	10	4.15	3.92	1.24	10	6.60	3.75	1.19	10	4.50	4.43	1.40	3	5.08	1.33	0.77
30-Minute	1	9	2.44	0.77	0.26	10	2.70	0.86	0.27	9	2.39	0.70	0.23	3	2.51	0.17	0.10
	2	10	6.10	0.97	0.31	9	5.56	0.92	0.31	8	5.75	1.00	0.35	3	5.80	0.28	0.16
	3	10	11.10	1.20	0.38	10	10.35	1.72	0.54	9	10.61	1.41	0.47	3	10.69	0.38	0.22
	4	10	15.35	0.82	0.26	10	16.20	1.06	0.33	10	15.20	0.92	0.29	3	15.58	0.54	0.31
	5	10	20.50	2.08	0.66	10	20.85	1.80	0.57	10	20.75	1.30	0.41	3	20.70	0.18	0.10
	9	10	5.05	5.57	1.76	10	4.85	4.72	1.49	10	3.10	1.71	0.54	3	4.33	1.07	0.62
90-Minute	1	9	2.28	0.67	0.22	8	2.00	0.80	0.28	9	2.22	0.62	0.21	3	2.17	0.15	0.08
	2	10	5.75	0.82	0.26	10	5.90	1.02	0.32	9	5.83	1.03	0.34	3	5.83	0.08	0.04
	3	9	11.06	1.33	0.44	9	10.50	1.41	0.47	10	10.15	1.33	0.42	3	10.57	0.46	0.26
	4	10	15.30	0.89	0.28	10	15.10	0.97	0.31	10	15.15	1.16	0.37	3	15.18	0.10	0.06
	5	10	19.85	1.13	0.36	10	21.45	1.76	0.56	10	21.65	1.25	0.39	3	20.98	0.99	0.57
	9	10	3.45	2.07	0.66	10	4.40	4.81	1.52	10	4.10	4.26	1.35	3	3.98	0.49	0.28
300-Minute	1	8	2.06	0.68	0.24	7	2.50	0.65	0.24	9	2.22	0.62	0.21	3	2.26	0.22	0.13
	2	10	6.05	0.80	0.25	10	6.00	0.94	0.30	10	5.50	0.88	0.28	3	5.85	0.30	0.18
	3	10	10.25	1.27	0.40	10	9.80	1.23	0.39	10	10.00	1.22	0.39	3	10.02	0.23	0.13
	4	9	16.06	1.21	0.40	10	15.25	1.48	0.47	10	16.00	1.18	0.37	3	15.77	0.45	0.26
	5	10	20.35	1.96	0.62	10	22.10	1.54	0.49	10	21.10	1.60	0.50	3	21.18	0.88	0.51
	9	10	8.00	8.16	2.58	10	4.65	3.57	1.13	10	5.95	7.06	2.23	3	6.20	1.69	0.98
600-Minute	1	9	2.61	0.74	0.25	9	2.33	0.75	0.25	9	1.72	0.36	0.12	3	2.22	0.45	0.26
	2	10	6.35	0.97	0.31	9	6.22	1.06	0.35	8	5.81	0.65	0.23	3	6.13	0.28	0.16
	3	10	10.10	1.17	0.37	10	10.40	1.43	0.45	10	9.90	1.20	0.38	3	10.13	0.25	0.15
	4	10	15.95	1.61	0.51	10	16.35	1.31	0.42	9	15.33	1.03	0.34	3	15.88	0.51	0.30
	5	10	21.10	2.13	0.67	10	20.15	1.27	0.40	10	21.95	2.18	0.69	3	21.07	0.90	0.52
	9	10	2.90	0.91	0.29	10	6.10	6.25	1.98	10	3.85	4.50	1.42	3	4.28	1.64	0.95

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.65	0.85	0.27	8	2.62	0.64	0.23	8	2.37	0.79	0.28	3	2.55	0.15	0.09
	2	10	6.30	1.06	0.33	10	6.15	1.08	0.34	9	5.94	1.01	0.34	3	6.13	0.18	0.10
	3	10	10.50	1.25	0.39	10	10.05	1.14	0.36	10	9.75	0.95	0.30	3	10.10	0.38	0.22
	4	10	15.45	0.76	0.24	10	15.40	1.26	0.40	10	14.80	1.06	0.34	3	15.22	0.36	0.21
	5	10	21.90	1.76	0.56	10	22.75	1.40	0.44	10	21.85	2.04	0.65	3	22.17	0.51	0.29
	9	10	7.75	7.14	2.26	10	12.25	9.64	3.05	10	5.95	5.32	1.68	3	8.65	3.25	1.87
30-Minute	1	9	2.06	0.68	0.23	10	2.10	0.61	0.19	9	1.89	0.42	0.14	3	2.01	0.11	0.06
	2	10	6.45	0.72	0.23	10	6.00	0.94	0.30	10	5.45	0.80	0.25	3	5.97	0.50	0.29
	3	10	10.55	0.64	0.20	10	10.30	1.27	0.40	10	10.85	1.18	0.37	3	10.57	0.28	0.16
	4	10	15.25	0.89	0.28	10	15.40	1.45	0.46	10	14.90	1.29	0.41	3	15.18	0.26	0.15
	5	10	20.45	1.83	0.58	10	21.50	1.97	0.62	10	21.45	1.17	0.37	3	21.13	0.59	0.34
	9	10	8.00	8.89	2.81	10	4.60	5.13	1.62	10	2.55	1.66	0.52	3	5.05	2.75	1.59
90-Minute	1	8	2.25	0.76	0.27	10	2.40	0.88	0.28	9	2.17	0.83	0.28	3	2.27	0.12	0.07
	2	10	5.40	1.10	0.35	8	6.12	1.03	0.36	10	6.10	0.99	0.31	3	5.87	0.41	0.24
	3	10	10.70	1.03	0.33	10	10.15	0.91	0.29	9	10.72	1.30	0.43	3	10.52	0.32	0.19
	4	10	15.45	1.62	0.51	10	15.20	1.32	0.42	10	14.90	1.15	0.36	3	15.18	0.28	0.16
	5	10	20.85	1.29	0.41	10	22.00	1.62	0.51	10	22.70	1.42	0.45	3	21.85	0.93	0.54
	9	10	4.70	4.87	1.54	10	6.65	8.79	2.78	10	4.25	6.63	2.10	3	5.20	1.28	0.74
300-Minute	1	10	2.15	0.67	0.21	9	2.28	0.62	0.21	9	2.44	0.73	0.24	3	2.29	0.15	0.09
	2	10	6.45	1.07	0.34	8	5.75	1.00	0.35	9	5.61	0.82	0.27	3	5.94	0.45	0.26
	3	10	10.65	0.85	0.27	10	10.60	1.33	0.42	9	10.44	1.36	0.45	3	10.56	0.11	0.06
	4	10	15.50	0.88	0.28	10	15.40	1.61	0.51	10	15.30	1.03	0.33	3	15.40	0.10	0.06
	5	10	21.50	1.89	0.60	10	21.15	2.36	0.75	10	22.15	1.73	0.55	3	21.60	0.51	0.29
	9	10	7.45	9.05	2.86	10	8.80	8.78	2.78	10	4.50	5.54	1.75	3	6.92	2.20	1.27
600-Minute	1	9	2.33	0.75	0.25	7	2.50	0.82	0.31	9	2.28	0.57	0.19	3	2.37	0.12	0.07
	2	8	5.94	0.68	0.24	9	6.22	0.79	0.26	10	5.92	0.87	0.27	3	6.03	0.17	0.10
	3	10	10.65	1.56	0.49	10	10.35	1.33	0.42	10	10.35	1.20	0.38	3	10.45	0.17	0.10
	4	10	16.25	1.14	0.36	10	16.35	0.75	0.24	10	14.90	0.91	0.29	3	15.83	0.81	0.47
	5	10	20.40	1.47	0.46	10	20.70	1.32	0.42	10	20.35	1.36	0.43	3	20.48	0.19	0.11
	9	10	7.25	8.08	2.56	10	9.55	9.02	2.85	10	9.30	9.23	2.92	3	8.70	1.26	0.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.82	0.26	10	2.65	0.71	0.22	10	2.25	0.82	0.26	3	2.37	0.25	0.14
	2	10	6.10	0.77	0.24	10	6.00	0.82	0.26	10	6.00	0.78	0.25	3	6.03	0.06	0.03
	3	10	9.85	0.97	0.31	10	9.65	0.67	0.21	10	10.20	1.49	0.47	3	9.90	0.28	0.16
	4	10	15.90	1.20	0.38	10	15.80	0.95	0.30	10	15.80	1.18	0.37	3	15.83	0.06	0.03
	5	10	22.30	1.72	0.54	10	21.25	1.36	0.43	10	21.20	1.93	0.61	3	21.58	0.62	0.36
	9	10	7.60	6.85	2.17	10	9.00	6.56	2.07	10	7.10	6.40	2.02	3	7.90	0.98	0.57
30-Minute	1	9	2.06	0.77	0.26	9	2.00	0.43	0.14	10	2.05	0.50	0.16	3	2.04	0.03	0.02
	2	9	6.56	0.88	0.29	9	5.94	1.10	0.37	9	6.06	0.98	0.33	3	6.19	0.33	0.19
	3	10	10.00	1.05	0.33	10	10.00	1.29	0.41	9	9.89	1.14	0.38	3	9.96	0.06	0.04
	4	10	15.50	0.94	0.30	10	15.15	1.00	0.32	10	14.75	1.14	0.36	3	15.13	0.38	0.22
	5	10	21.20	1.51	0.48	10	20.80	1.92	0.61	10	21.80	1.90	0.60	3	21.27	0.50	0.29
	9	10	3.25	2.60	0.82	10	7.40	8.15	2.58	10	2.05	0.50	0.16	3	4.23	2.81	1.62
90-Minute	1	9	2.50	0.71	0.24	10	2.20	0.79	0.25	10	2.35	0.88	0.28	3	2.35	0.15	0.09
	2	10	6.35	0.88	0.28	9	6.22	0.79	0.26	9	6.33	0.97	0.32	3	6.30	0.07	0.04
	3	10	10.40	1.15	0.36	10	10.55	1.17	0.37	9	9.89	1.27	0.42	3	10.28	0.35	0.20
	4	10	14.85	1.18	0.37	10	15.05	1.14	0.36	10	14.75	1.06	0.34	3	14.88	0.15	0.09
	5	10	21.45	2.31	0.73	10	20.90	1.43	0.45	10	21.10	2.04	0.64	3	21.15	0.28	0.16
	9	10	4.55	4.46	1.41	10	3.25	2.65	0.84	10	3.70	2.69	0.85	3	3.83	0.66	0.38
300-Minute	1	9	2.00	0.56	0.19	7	2.43	0.53	0.20	9	2.39	0.86	0.29	3	2.27	0.24	0.14
	2	10	6.20	0.82	0.26	10	6.00	1.13	0.36	9	5.61	0.99	0.33	3	5.94	0.30	0.17
	3	10	10.60	1.17	0.37	10	10.95	1.30	0.41	10	10.90	1.24	0.39	3	10.82	0.19	0.11
	4	9	15.67	1.41	0.47	10	15.45	0.64	0.20	10	15.80	1.38	0.44	3	15.64	0.18	0.10
	5	10	21.25	2.14	0.68	10	20.50	1.49	0.47	10	21.10	1.79	0.57	3	20.95	0.40	0.23
	9	10	5.10	6.62	2.09	10	5.45	4.80	1.52	10	2.85	1.18	0.37	3	4.47	1.41	0.81
600-Minute	1	10	2.30	0.67	0.21	10	2.30	0.86	0.27	9	2.39	0.33	0.11	3	2.33	0.05	0.03
	2	8	6.19	0.96	0.34	10	5.85	1.06	0.33	9	5.94	0.77	0.26	3	5.99	0.17	0.10
	3	10	10.40	1.24	0.39	10	10.45	0.93	0.29	10	10.10	1.02	0.32	3	10.32	0.19	0.11
	4	9	15.61	1.05	0.35	10	15.40	1.26	0.40	9	15.33	1.17	0.39	3	15.45	0.14	0.08
	5	10	21.10	1.91	0.60	10	21.40	1.52	0.48	10	21.60	2.11	0.67	3	21.37	0.25	0.15
	9	10	2.70	1.16	0.37	10	2.80	1.70	0.54	10	2.55	0.60	0.19	3	2.68	0.13	0.07

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	31.62	15.81	5.00	10	16.28	10.18	3.22	10	23.22	10.06	3.18	3	23.71	7.68	4.44
	2	10	16.57	7.46	2.36	10	19.88	8.11	2.56	10	16.89	4.10	1.30	3	17.78	1.82	1.05
	3	10	26.34	8.61	2.72	10	28.16	6.26	1.98	10	24.45	8.03	2.54	3	26.31	1.85	1.07
	4	10	32.06	10.20	3.23	10	38.24	13.80	4.36	10	28.54	12.31	3.89	3	32.94	4.91	2.84
	5	10	59.74	28.33	8.96	10	63.70	28.40	8.98	10	47.80	24.90	7.88	3	57.08	8.28	4.78
	6	10	38.62	19.02	6.01	10	38.77	18.11	5.73	10	28.91	11.48	3.63	3	35.43	5.65	3.26
	7	10	149.08	48.86	15.45	10	149.66	59.69	18.88	10	118.54	52.86	16.72	3	139.10	17.80	10.28
	8	10	2.51	1.61	0.51	10	2.60	1.37	0.43	10	2.17	1.67	0.53	3	2.43	0.23	0.13
	9	10	166.32	43.27	13.68	10	166.26	31.32	9.91	10	140.90	28.45	9.00	3	157.83	14.66	8.46
30-Minute	1	10	39.06	20.53	6.49	10	56.87	56.16	17.76	10	72.71	50.50	15.97	3	56.21	16.83	9.72
	2	10	17.97	8.57	2.71	10	23.77	8.97	2.84	10	21.89	8.82	2.79	3	21.21	2.96	1.71
	3	10	24.30	7.76	2.45	10	23.43	6.01	1.90	10	21.42	11.62	3.68	3	23.05	1.47	0.85
	4	10	27.96	16.66	5.27	10	28.01	8.41	2.66	10	19.19	7.74	2.45	3	25.05	5.08	2.93
	5	10	34.88	20.83	6.59	10	43.73	24.10	7.62	10	22.07	11.49	3.63	3	33.56	10.89	6.29
	6	10	20.34	12.86	4.07	10	24.86	7.91	2.50	10	21.13	14.10	4.46	3	22.11	2.41	1.39
	7	10	81.43	57.76	18.26	10	117.77	42.59	13.47	10	67.50	29.62	9.37	3	88.90	25.95	14.98
	8	10	1.55	1.26	0.40	10	1.74	1.35	0.43	10	0.93	0.94	0.30	3	1.41	0.42	0.24
	9	10	144.17	41.16	13.02	10	175.81	56.38	17.83	10	157.28	64.00	20.24	3	159.09	15.89	9.18
90-Minute	1	10	34.55	14.48	4.58	10	50.37	24.94	7.89	10	38.73	18.25	5.77	3	41.22	8.20	4.73
	2	10	19.69	5.75	1.82	10	19.60	8.86	2.80	10	20.35	6.90	2.18	3	19.88	0.41	0.24
	3	10	15.63	5.82	1.84	10	14.02	4.62	1.46	10	19.00	6.75	2.13	3	16.22	2.54	1.47
	4	10	15.00	6.33	2.00	10	20.14	9.72	3.07	10	28.36	13.76	4.35	3	21.17	6.74	3.89
	5	10	24.01	22.77	7.20	10	33.04	22.44	7.10	10	37.26	21.24	6.72	3	31.44	6.77	3.91
	6	10	13.39	11.59	3.66	10	16.13	9.51	3.01	10	21.85	11.53	3.65	3	17.12	4.31	2.49
	7	10	60.48	67.80	21.44	10	76.38	55.15	17.44	10	100.29	58.06	18.36	3	79.05	20.04	11.57
	8	10	0.71	1.17	0.37	10	1.28	1.12	0.36	10	1.71	1.40	0.44	3	1.23	0.50	0.29
	9	10	108.88	33.81	10.69	10	137.18	27.95	8.84	10	143.70	42.80	13.54	3	129.92	18.51	10.69
300-Minute	1	10	36.19	20.30	6.42	10	40.84	36.27	11.47	10	30.99	15.47	4.89	3	36.01	4.93	2.84
	2	10	17.95	6.77	2.14	10	15.14	8.88	2.81	10	15.54	6.05	1.91	3	16.21	1.52	0.88
	3	10	16.88	9.39	2.97	10	14.58	5.55	1.76	10	14.90	5.59	1.77	3	15.46	1.24	0.72
	4	10	21.50	9.21	2.91	10	17.88	7.22	2.28	10	15.60	8.23	2.60	3	18.32	2.98	1.72
	5	10	45.23	19.14	6.05	10	28.82	9.39	2.97	10	23.97	13.15	4.16	3	32.67	11.14	6.43
	6	10	31.78	19.61	6.20	10	13.75	5.46	1.73	10	15.34	9.26	2.93	3	20.29	9.98	5.76
	7	10	95.23	35.97	11.37	10	68.43	34.68	10.97	10	54.23	33.30	10.53	3	72.63	20.82	12.02
	8	10	1.63	1.07	0.34	10	1.12	0.64	0.20	10	0.87	0.86	0.27	3	1.21	0.39	0.22
	9	10	137.75	44.58	14.10	10	117.26	46.22	14.61	10	101.00	25.21	7.97	3	118.67	18.41	10.63

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	41.38	27.49	8.69	10	44.16	31.63	10.00	10	38.05	29.33	9.28	3	41.20	3.06	1.76
	2	10	16.89	7.80	2.47	10	16.36	7.12	2.25	10	13.26	8.34	2.64	3	15.50	1.96	1.13
	3	10	10.47	6.16	1.95	10	12.93	8.39	2.65	10	11.74	4.53	1.43	3	11.71	1.23	0.71
	4	10	12.24	8.25	2.61	10	12.80	3.59	1.13	10	8.59	2.84	0.90	3	11.21	2.29	1.32
	5	10	17.32	10.37	3.28	10	15.56	6.38	2.02	10	9.71	4.32	1.37	3	14.19	3.99	2.30
	6	10	12.96	8.67	2.74	10	10.72	6.19	1.96	10	6.85	5.10	1.61	3	10.18	3.09	1.78
	7	10	46.94	37.24	11.78	10	51.96	38.75	12.25	10	21.99	14.37	4.54	3	40.30	16.06	9.27
	8	10	1.12	2.07	0.65	10	1.15	1.76	0.56	10	0.15	0.22	0.07	3	0.81	0.57	0.33
	9	10	98.29	41.43	13.10	10	101.81	48.21	15.24	10	81.34	36.68	11.60	3	93.81	10.94	6.32

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	30.23	18.85	5.96	10	16.23	10.67	3.37	10	20.41	6.77	2.14	3	22.29	7.19	4.15
	2	10	19.64	16.99	5.37	10	12.37	5.79	1.83	10	16.87	8.78	2.78	3	16.29	3.67	2.12
	3	10	21.85	10.06	3.18	10	20.24	5.98	1.89	10	21.82	10.12	3.20	3	21.30	0.92	0.53
	4	10	17.92	6.63	2.10	10	16.38	7.24	2.29	10	20.91	9.22	2.92	3	18.40	2.31	1.33
	5	10	14.09	6.40	2.02	10	12.64	3.81	1.20	10	15.23	4.45	1.41	3	13.98	1.30	0.75
	6	10	6.00	1.79	0.57	10	6.30	2.97	0.94	10	6.76	1.96	0.62	3	6.36	0.38	0.22
	7	10	15.86	2.98	0.94	10	13.07	3.62	1.15	10	16.27	4.97	1.57	3	15.07	1.74	1.01
	8	10	0.14	0.17	0.05	10	0.16	0.16	0.05	10	0.16	0.16	0.05	3	0.15	0.01	0.01
	9	10	103.73	47.50	15.02	10	77.85	24.77	7.83	10	95.24	30.54	9.66	3	92.27	13.19	7.62
30-Minute	1	10	46.79	23.96	7.58	10	37.94	20.30	6.42	10	69.10	59.78	18.90	3	51.28	16.06	9.27
	2	10	26.78	12.91	4.08	10	21.88	16.81	5.32	10	30.74	20.24	6.40	3	26.47	4.44	2.56
	3	10	30.06	12.79	4.04	10	22.34	11.87	3.75	10	23.26	14.43	4.56	3	25.22	4.22	2.44
	4	10	25.39	12.33	3.90	10	22.13	7.83	2.47	10	18.62	11.00	3.48	3	22.04	3.39	1.96
	5	10	12.56	4.35	1.38	10	16.51	2.45	0.78	10	11.80	4.01	1.27	3	13.62	2.53	1.46
	6	10	6.66	2.31	0.73	10	6.67	2.51	0.79	10	6.17	1.67	0.53	3	6.50	0.29	0.17
	7	10	13.26	5.14	1.63	10	13.17	2.69	0.85	10	10.68	2.46	0.78	3	12.37	1.46	0.84
	8	10	0.04	0.06	0.02	10	0.11	0.13	0.04	10	0.03	0.07	0.02	3	0.06	0.05	0.03
	9	10	141.58	48.20	15.24	10	120.79	41.10	13.00	10	153.52	88.13	27.87	3	138.63	16.56	9.56
90-Minute	1	10	37.14	15.48	4.89	10	56.75	33.35	10.55	10	34.47	14.07	4.45	3	42.79	12.17	7.02
	2	10	27.65	10.13	3.20	10	26.66	17.60	5.56	10	21.05	9.24	2.92	3	25.12	3.56	2.05
	3	10	20.13	11.71	3.70	10	19.42	10.12	3.20	10	17.00	6.59	2.08	3	18.85	1.64	0.95
	4	10	20.33	5.73	1.81	10	15.63	5.30	1.68	10	14.02	2.44	0.77	3	16.66	3.28	1.89
	5	10	12.45	4.45	1.41	10	13.97	3.16	1.00	10	12.25	1.91	0.60	3	12.89	0.94	0.54
	6	10	7.13	2.80	0.88	10	6.78	2.56	0.81	10	7.38	1.89	0.60	3	7.10	0.30	0.17
	7	10	15.36	9.37	2.96	10	14.10	5.28	1.67	10	18.59	12.75	4.03	3	16.02	2.32	1.34
	8	10	0.20	0.29	0.09	10	0.08	0.14	0.04	10	0.33	0.62	0.20	3	0.20	0.12	0.07
	9	10	117.70	29.92	9.46	10	132.43	51.98	16.44	10	98.79	23.42	7.40	3	116.30	16.86	9.74
300-Minute	1	10	24.78	11.20	3.54	10	25.35	13.52	4.28	10	21.80	7.77	2.46	3	23.97	1.91	1.10
	2	10	13.65	5.05	1.60	10	13.08	6.53	2.07	10	20.59	10.32	3.26	3	15.77	4.18	2.41
	3	10	14.99	4.92	1.56	10	13.08	6.83	2.16	10	11.43	4.29	1.36	3	13.17	1.78	1.03
	4	10	12.82	4.41	1.39	10	11.69	3.20	1.01	10	12.39	5.31	1.68	3	12.30	0.57	0.33
	5	10	17.54	5.17	1.64	10	13.74	4.06	1.28	10	12.77	3.22	1.02	3	14.68	2.52	1.46
	6	10	9.46	2.41	0.76	10	5.97	1.86	0.59	10	5.98	2.04	0.65	3	7.13	2.01	1.16
	7	10	20.02	9.21	2.91	10	14.48	1.78	0.56	10	11.76	2.06	0.65	3	15.42	4.21	2.43
	8	10	0.24	0.18	0.06	10	0.05	0.09	0.03	10	0.11	0.16	0.05	3	0.13	0.09	0.05
	9	10	83.79	18.11	5.73	10	76.93	21.91	6.93	10	78.98	19.57	6.19	3	79.90	3.52	2.03

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	21.71	10.10	3.19	10	24.67	13.51	4.27	10	31.36	20.73	6.56	3	25.91	4.94	2.85
	2	10	16.28	8.00	2.53	10	13.41	5.40	1.71	10	17.12	10.85	3.43	3	15.60	1.95	1.12
	3	10	9.20	4.36	1.38	10	12.54	4.51	1.43	10	12.58	5.50	1.74	3	11.44	1.94	1.12
	4	10	10.40	5.78	1.83	10	13.55	4.84	1.53	10	11.09	3.05	0.96	3	11.68	1.66	0.96
	5	10	11.35	3.12	0.99	10	12.35	3.08	0.97	10	9.49	2.85	0.90	3	11.06	1.45	0.84
	6	10	6.87	3.47	1.10	10	7.67	6.63	2.10	10	5.11	1.58	0.50	3	6.55	1.31	0.76
	7	10	18.80	7.05	2.23	10	22.48	19.88	6.29	10	13.76	1.42	0.45	3	18.35	4.38	2.53
	8	10	0.23	0.22	0.07	10	0.40	0.86	0.27	10	0.14	0.12	0.04	3	0.25	0.13	0.08
	9	10	68.94	22.84	7.22	10	76.51	20.12	6.36	10	81.63	33.03	10.45	3	75.69	6.38	3.69

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	58.06	33.27	10.52	10	40.23	16.19	5.12	10	57.78	16.81	5.32	3	52.02	10.22	5.90
	2	10	35.19	17.93	5.67	10	33.47	10.09	3.19	10	38.84	17.50	5.53	3	35.83	2.74	1.58
	3	10	55.51	19.52	6.17	10	44.83	12.85	4.06	10	37.14	11.46	3.62	3	45.83	9.23	5.33
	4	10	43.21	12.58	3.98	10	49.63	17.05	5.39	10	48.87	18.66	5.90	3	47.24	3.51	2.03
	5	10	59.20	24.20	7.65	10	70.12	19.14	6.05	10	48.16	24.92	7.88	3	59.16	10.98	6.34
	6	10	39.26	13.08	4.14	10	60.08	14.85	4.70	10	31.52	11.54	3.65	3	43.62	14.77	8.53
	7	10	115.35	31.65	10.01	10	143.31	35.47	11.22	10	106.72	60.60	19.16	3	121.79	19.13	11.04
	8	10	1.48	0.96	0.30	10	1.49	0.67	0.21	10	1.08	0.55	0.17	3	1.35	0.23	0.13
	9	10	251.16	48.06	15.20	10	238.27	37.26	11.78	10	230.79	52.24	16.52	3	240.07	10.30	5.95
30-Minute	1	10	100.51	40.91	12.94	10	133.67	79.39	25.10	10	124.70	47.79	15.11	3	119.63	17.15	9.90
	2	10	57.15	18.20	5.76	10	59.82	37.33	11.81	10	58.16	16.69	5.28	3	58.37	1.35	0.78
	3	10	63.85	25.65	8.11	10	60.53	18.87	5.97	10	49.59	17.97	5.68	3	57.99	7.46	4.31
	4	10	55.98	23.38	7.39	10	89.01	40.54	12.82	10	52.06	25.00	7.90	3	65.68	20.30	11.72
	5	10	86.21	92.97	29.40	10	101.22	37.42	11.83	10	48.49	34.74	10.99	3	78.64	27.16	15.68
	6	10	45.76	67.87	21.46	10	57.82	22.17	7.01	10	33.32	14.26	4.51	3	45.63	12.25	7.07
	7	10	135.06	180.40	57.05	10	227.27	100.15	31.67	10	80.35	37.29	11.79	3	147.56	74.25	42.87
	8	10	1.60	2.46	0.78	10	3.09	1.61	0.51	10	0.50	0.47	0.15	3	1.73	1.30	0.75
	9	10	363.69	112.19	35.48	10	444.25	115.15	36.42	10	333.00	77.56	24.53	3	380.31	57.46	33.17
90-Minute	1	10	119.95	50.42	15.94	10	100.91	48.54	15.35	10	90.16	20.83	6.59	3	103.67	15.09	8.71
	2	10	54.04	20.84	6.59	10	47.51	16.65	5.26	10	47.41	31.46	9.95	3	49.65	3.80	2.19
	3	10	51.73	13.57	4.29	10	48.32	13.33	4.22	10	37.03	10.36	3.28	3	45.69	7.70	4.44
	4	10	50.52	22.20	7.02	10	51.20	18.13	5.73	10	52.65	17.85	5.64	3	51.45	1.09	0.63
	5	10	44.05	21.53	6.81	10	61.24	41.71	13.19	10	67.12	20.77	6.57	3	57.47	11.99	6.92
	6	10	40.11	23.07	7.29	10	33.00	12.05	3.81	10	38.10	13.75	4.35	3	37.07	3.66	2.11
	7	10	105.22	43.52	13.76	10	109.04	47.21	14.93	10	139.97	43.93	13.89	3	118.08	19.06	11.00
	8	10	1.57	1.26	0.40	10	1.24	0.60	0.19	10	1.88	1.36	0.43	3	1.56	0.32	0.19
	9	10	320.29	74.78	23.65	10	309.17	51.57	16.31	10	294.37	50.47	15.96	3	307.94	13.00	7.51
300-Minute	1	10	96.85	31.96	10.11	10	83.23	20.01	6.33	10	86.06	26.49	8.38	3	88.71	7.19	4.15
	2	10	40.99	9.40	2.97	10	38.52	13.05	4.13	10	52.53	29.13	9.21	3	44.02	7.48	4.32
	3	10	44.20	14.88	4.70	10	35.79	10.37	3.28	10	35.06	10.01	3.17	3	38.35	5.08	2.93
	4	10	58.91	22.40	7.08	10	67.17	17.83	5.64	10	37.13	8.26	2.61	3	54.40	15.52	8.96
	5	10	166.17	73.15	23.13	10	111.26	35.44	11.21	10	70.59	22.81	7.21	3	116.01	47.97	27.69
	6	10	61.26	27.30	8.63	10	45.62	10.69	3.38	10	33.02	18.81	5.95	3	46.63	14.15	8.17
	7	10	190.71	40.26	12.73	10	143.97	39.19	12.39	10	95.24	23.24	7.35	3	143.31	47.74	27.56
	8	10	2.38	1.29	0.41	10	1.44	0.67	0.21	10	1.28	0.81	0.26	3	1.70	0.60	0.35
	9	10	407.12	77.10	24.38	10	335.98	41.55	13.14	10	281.37	58.25	18.42	3	341.49	63.06	36.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	89.60	39.06	12.35	10	71.08	25.25	7.98	10	72.08	39.40	12.46	3	77.59	10.42	6.01
	2	10	42.67	14.36	4.54	10	45.18	14.02	4.43	10	54.79	28.78	9.10	3	47.55	6.40	3.69
	3	10	35.20	14.26	4.51	10	36.51	10.29	3.25	10	29.80	18.94	5.99	3	33.84	3.55	2.05
	4	10	57.49	15.01	4.75	10	71.82	25.66	8.11	10	55.40	20.21	6.39	3	61.57	8.94	5.16
	5	10	109.58	32.77	10.36	10	106.25	23.65	7.48	10	91.76	29.25	9.25	3	102.53	9.47	5.47
	6	10	59.97	14.30	4.52	10	49.51	9.49	3.00	10	50.84	12.94	4.09	3	53.44	5.69	3.29
	7	10	214.79	47.61	15.06	10	183.53	31.37	9.92	10	160.99	34.14	10.80	3	186.44	27.02	15.60
	8	10	3.18	1.48	0.47	10	3.36	1.70	0.54	10	2.08	1.15	0.36	3	2.87	0.70	0.40
	9	10	334.54	68.82	21.76	10	330.83	53.29	16.85	10	303.84	99.00	31.31	3	323.07	16.76	9.68

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	53.39	36.88	11.66	10	33.88	13.31	4.21	10	60.77	20.93	6.62	3	49.35	13.89	8.02
	2	10	34.88	15.95	5.04	10	31.08	7.78	2.46	10	44.35	23.73	7.50	3	36.77	6.83	3.95
	3	10	41.88	16.06	5.08	10	45.19	13.73	4.34	10	44.60	17.56	5.55	3	43.89	1.76	1.02
	4	10	32.83	15.19	4.80	10	42.46	17.22	5.44	10	40.50	10.82	3.42	3	38.60	5.09	2.94
	5	10	47.42	24.32	7.69	10	53.84	15.45	4.89	10	48.10	13.68	4.33	3	49.79	3.53	2.04
	6	10	26.77	9.61	3.04	10	30.80	11.82	3.74	10	26.03	7.82	2.47	3	27.86	2.57	1.48
	7	10	112.18	23.67	7.49	10	99.87	30.45	9.63	10	109.27	26.74	8.46	3	107.11	6.43	3.71
	8	10	2.27	1.15	0.36	10	1.57	0.62	0.20	10	1.89	1.17	0.37	3	1.91	0.35	0.20
	9	10	210.40	40.32	12.75	10	206.46	34.73	10.98	10	238.32	45.39	14.35	3	218.40	17.37	10.03
30-Minute	1	10	91.28	33.13	10.48	10	119.78	79.93	25.28	10	159.27	63.31	20.02	3	123.44	34.14	19.71
	2	10	51.18	26.54	8.39	10	70.82	48.26	15.26	10	51.70	17.79	5.63	3	57.90	11.19	6.46
	3	10	43.88	16.13	5.10	10	52.98	12.48	3.95	10	51.33	16.08	5.08	3	49.40	4.85	2.80
	4	10	49.15	15.61	4.94	10	49.41	35.12	11.11	10	60.86	42.88	13.56	3	53.14	6.69	3.86
	5	10	48.07	26.40	8.35	10	49.74	16.63	5.26	10	34.66	14.95	4.73	3	44.16	8.27	4.77
	6	10	25.88	13.27	4.19	10	29.93	7.86	2.49	10	23.22	7.04	2.23	3	26.34	3.38	1.95
	7	10	94.36	35.06	11.09	10	114.48	30.17	9.54	10	81.33	27.78	8.79	3	96.72	16.70	9.64
	8	10	1.21	0.81	0.26	10	2.07	0.91	0.29	10	1.04	0.89	0.28	3	1.44	0.55	0.32
	9	10	283.57	64.32	20.34	10	342.72	129.36	40.91	10	357.81	81.30	25.71	3	328.03	39.24	22.66
90-Minute	1	10	127.98	64.62	20.44	10	80.41	27.54	8.71	10	61.34	38.18	12.07	3	89.91	34.32	19.81
	2	10	53.97	21.16	6.69	10	45.36	11.09	3.51	10	39.06	29.60	9.36	3	46.13	7.48	4.32
	3	10	36.67	10.68	3.38	10	35.53	10.81	3.42	10	33.17	10.53	3.33	3	35.12	1.79	1.03
	4	10	39.85	17.08	5.40	10	37.42	12.48	3.95	10	35.89	14.44	4.57	3	37.72	2.00	1.15
	5	10	26.92	13.09	4.14	10	30.21	15.91	5.03	10	34.56	15.09	4.77	3	30.57	3.83	2.21
	6	10	15.59	11.49	3.63	10	16.87	7.48	2.37	10	21.63	6.04	1.91	3	18.03	3.18	1.84
	7	10	53.82	31.95	10.10	10	71.72	28.96	9.16	10	80.15	33.40	10.56	3	68.56	13.45	7.77
	8	10	0.92	0.98	0.31	10	1.50	1.15	0.36	10	1.07	0.57	0.18	3	1.17	0.30	0.17
	9	10	285.39	82.25	26.01	10	228.93	42.89	13.56	10	204.03	80.21	25.37	3	239.45	41.69	24.07
300-Minute	1	10	71.76	30.18	9.54	10	69.56	35.68	11.28	10	60.02	19.75	6.25	3	67.11	6.24	3.61
	2	10	32.15	7.91	2.50	10	42.68	15.28	4.83	10	40.57	17.81	5.63	3	38.47	5.57	3.22
	3	10	25.43	8.84	2.80	10	25.92	8.36	2.64	10	25.83	7.14	2.26	3	25.73	0.26	0.15
	4	10	32.20	9.86	3.12	10	31.03	8.33	2.63	10	21.20	5.77	1.82	3	28.14	6.04	3.49
	5	10	48.78	19.42	6.14	10	30.59	10.00	3.16	10	26.66	7.90	2.50	3	35.34	11.80	6.81
	6	10	24.56	8.30	2.62	10	16.92	5.60	1.77	10	16.73	10.01	3.17	3	19.41	4.47	2.58
	7	10	93.03	31.16	9.85	10	61.59	15.66	4.95	10	47.06	17.46	5.52	3	67.23	23.50	13.57
	8	10	1.33	1.07	0.34	10	0.94	0.54	0.17	10	0.82	0.51	0.16	3	1.03	0.26	0.15
	9	10	210.32	30.26	9.57	10	199.79	40.37	12.77	10	174.28	39.57	12.51	3	194.80	18.53	10.70

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	73.71	23.00	7.27	10	75.02	26.53	8.39	10	57.03	36.77	11.63	3	68.59	10.03	5.79
	2	10	32.84	10.38	3.28	10	35.56	10.37	3.28	10	36.27	25.55	8.08	3	34.89	1.81	1.05
	3	10	25.21	8.31	2.63	10	24.63	6.41	2.03	10	19.37	8.84	2.79	3	23.07	3.22	1.86
	4	10	16.40	3.76	1.19	10	24.41	6.75	2.13	10	13.07	6.68	2.11	3	17.96	5.83	3.36
	5	10	25.21	8.47	2.68	10	22.65	8.07	2.55	10	17.62	4.41	1.40	3	21.83	3.86	2.23
	6	10	18.08	4.88	1.54	10	14.39	3.48	1.10	10	10.34	4.57	1.45	3	14.27	3.87	2.23
	7	10	51.92	10.00	3.16	10	55.13	21.65	6.85	10	34.83	11.55	3.65	3	47.29	10.91	6.30
	8	10	0.77	0.50	0.16	10	0.72	0.69	0.22	10	0.41	0.25	0.08	3	0.63	0.20	0.11
	9	10	173.37	34.14	10.80	10	182.27	25.13	7.95	10	143.36	71.84	22.72	3	166.33	20.39	11.77

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	44.76	16.02	5.07	10	24.65	13.25	4.19	10	26.36	9.77	3.09	3	31.92	11.15	6.44
	2	10	16.73	6.50	2.05	10	18.58	9.90	3.13	10	11.84	6.28	1.99	3	15.72	3.48	2.01
	3	10	16.92	5.41	1.71	10	12.64	3.87	1.22	10	17.27	5.90	1.86	3	15.61	2.58	1.49
	4	10	20.64	27.10	8.57	10	15.49	6.39	2.02	10	17.69	5.15	1.63	3	17.94	2.58	1.49
	5	10	9.44	4.62	1.46	10	28.64	15.60	4.93	10	26.83	11.02	3.48	3	21.64	10.60	6.12
600-Minute	1	10	56.07	17.28	5.46	10	39.55	23.49	7.43	10	45.25	16.47	5.21	3	46.96	8.39	4.84
	2	10	13.09	3.90	1.23	10	12.33	4.26	1.35	10	15.18	4.98	1.57	3	13.53	1.48	0.85
	3	10	9.45	2.44	0.77	10	10.21	4.12	1.30	10	9.34	3.00	0.95	3	9.67	0.47	0.27
	4	10	9.17	6.04	1.91	10	9.33	4.34	1.37	10	10.67	5.46	1.73	3	9.72	0.82	0.48
	5	10	12.21	8.18	2.59	10	28.58	18.07	5.71	10	19.56	11.42	3.61	3	20.12	8.20	4.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	34.91	16.06	5.08	10	37.59	6.50	2.06	10	33.59	7.92	2.50	3	35.36	2.04	1.18
	2	10	19.17	5.36	1.70	10	17.51	7.32	2.31	10	17.19	4.94	1.56	3	17.96	1.06	0.61
	3	10	19.83	7.12	2.25	10	15.32	4.74	1.50	10	17.04	5.59	1.77	3	17.40	2.28	1.32
	4	10	23.78	26.89	8.50	10	14.68	4.73	1.49	10	16.71	5.17	1.64	3	18.39	4.78	2.76
	5	10	10.94	6.22	1.97	10	14.91	6.68	2.11	10	15.46	5.71	1.80	3	13.77	2.46	1.42
600-Minute	1	10	44.61	11.29	3.57	10	45.01	17.19	5.43	10	43.73	9.28	2.93	3	44.45	0.65	0.38
	2	10	20.06	4.77	1.51	10	20.05	9.52	3.01	10	18.71	5.68	1.79	3	19.60	0.78	0.45
	3	10	14.59	4.07	1.29	10	12.65	4.54	1.44	10	10.92	3.42	1.08	3	12.72	1.84	1.06
	4	10	10.12	5.37	1.70	10	8.54	4.50	1.42	10	10.77	5.04	1.59	3	9.81	1.15	0.66
	5	10	10.62	3.16	1.00	10	13.75	7.72	2.44	10	15.87	4.59	1.45	3	13.41	2.64	1.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	31.49	10.00	3.16	10	32.22	8.33	2.63	10	32.80	9.64	3.05	3	32.17	0.66	0.38
	2	10	15.16	5.68	1.80	10	13.74	3.95	1.25	10	19.47	5.75	1.82	3	16.12	2.98	1.72
	3	10	19.52	6.03	1.91	10	16.38	5.04	1.59	10	20.03	5.87	1.86	3	18.64	1.98	1.14
	4	10	25.73	26.86	8.50	10	17.25	4.94	1.56	10	13.31	3.65	1.15	3	18.76	6.35	3.66
	5	10	16.94	3.73	1.18	10	20.41	7.42	2.35	10	14.40	3.19	1.01	3	17.25	3.02	1.74
600-Minute	1	10	39.52	14.63	4.62	10	35.59	12.07	3.82	10	36.35	12.66	4.00	3	37.15	2.08	1.20
	2	10	20.16	5.92	1.87	10	19.00	5.27	1.67	10	16.60	5.04	1.59	3	18.58	1.82	1.05
	3	10	11.50	4.75	1.50	10	13.22	3.92	1.24	10	13.39	5.21	1.65	3	12.70	1.04	0.60
	4	10	10.59	4.61	1.46	10	12.33	3.60	1.14	10	13.02	4.63	1.46	3	11.98	1.25	0.72
	5	10	18.23	9.64	3.05	10	19.87	6.50	2.06	10	20.63	6.02	1.90	3	19.58	1.23	0.71

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	34.94	13.46	4.26	10	24.52	9.17	2.90	10	25.29	6.82	2.16	3	28.25	5.81	3.35
	2	10	17.85	5.51	1.74	10	11.73	4.57	1.44	10	15.62	5.92	1.87	3	15.07	3.10	1.79
	3	10	19.74	10.48	3.32	10	17.20	5.17	1.64	10	18.72	5.18	1.64	3	18.55	1.28	0.74
	4	10	28.41	29.41	9.30	10	23.58	4.98	1.58	10	17.99	6.44	2.04	3	23.33	5.21	3.01
	5	10	9.24	2.75	0.87	10	22.97	10.68	3.38	10	22.37	9.75	3.08	3	18.19	7.76	4.48
600-Minute	1	10	43.26	12.70	4.02	10	35.84	14.34	4.53	10	35.82	16.50	5.22	3	38.31	4.29	2.47
	2	10	22.55	5.82	1.84	10	17.97	8.24	2.61	10	17.14	8.37	2.65	3	19.22	2.92	1.68
	3	10	12.65	5.22	1.65	10	11.17	3.93	1.24	10	15.25	6.36	2.01	3	13.02	2.06	1.19
	4	10	10.46	4.01	1.27	10	13.96	5.12	1.62	10	15.40	6.54	2.07	3	13.27	2.54	1.47
	5	10	11.08	6.10	1.93	10	21.06	12.45	3.94	10	16.40	7.80	2.47	3	16.18	4.99	2.88

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.95	0.23	0.07	10	1.97	0.38	0.12	10	1.67	0.30	0.10	3	1.86	0.16	0.10
	2	10	5.46	0.32	0.10	10	5.55	0.37	0.12	10	5.59	0.34	0.11	3	5.53	0.07	0.04
	3	10	10.14	0.40	0.13	10	10.44	0.44	0.14	10	10.48	0.38	0.12	3	10.35	0.19	0.11
	4	10	14.07	3.24	1.02	10	15.34	0.35	0.11	10	15.33	0.32	0.10	3	14.91	0.73	0.42
	5	10	20.91	0.55	0.17	10	21.32	0.51	0.16	10	21.32	0.53	0.17	3	21.18	0.23	0.14
	9	10	7.30	1.96	0.62	10	11.31	3.37	1.06	10	11.32	2.12	0.67	3	9.98	2.32	1.34
600-Minute	1	10	1.75	0.26	0.08	10	1.83	0.35	0.11	10	1.87	0.27	0.09	3	1.81	0.06	0.03
	2	10	5.37	0.31	0.10	10	5.54	0.29	0.09	10	5.59	0.29	0.09	3	5.50	0.11	0.07
	3	10	10.46	0.30	0.10	10	10.32	0.18	0.06	10	10.00	0.50	0.16	3	10.26	0.24	0.14
	4	10	15.04	0.28	0.09	10	15.30	0.40	0.13	10	15.30	0.50	0.16	3	15.21	0.15	0.09
	5	10	21.06	0.30	0.10	10	21.46	0.24	0.07	10	21.01	0.52	0.16	3	21.18	0.24	0.14
	9	10	6.61	2.59	0.82	10	9.97	4.33	1.37	10	8.37	2.90	0.92	3	8.32	1.68	0.97

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.99	0.26	0.08	10	1.83	0.35	0.11	10	1.83	0.33	0.10	3	1.89	0.09	0.05
	2	10	5.47	0.23	0.07	10	5.51	0.45	0.14	10	5.59	0.32	0.10	3	5.53	0.06	0.04
	3	10	10.45	0.55	0.17	10	10.28	0.30	0.10	10	10.47	0.27	0.09	3	10.40	0.10	0.06
	4	10	14.02	3.13	0.99	10	15.25	0.36	0.11	10	15.21	0.28	0.09	3	14.82	0.70	0.40
	5	10	21.31	0.36	0.11	10	21.02	0.49	0.15	10	20.68	0.67	0.21	3	21.00	0.31	0.18
	9	10	8.42	2.32	0.73	10	8.61	1.13	0.36	10	9.08	1.24	0.39	3	8.70	0.34	0.20
600-Minute	1	10	1.95	0.34	0.11	10	1.86	0.26	0.08	10	1.97	0.19	0.06	3	1.93	0.06	0.03
	2	10	5.29	0.29	0.09	10	5.49	0.30	0.10	10	5.35	0.19	0.06	3	5.37	0.10	0.06
	3	10	10.30	0.50	0.16	10	10.25	0.39	0.12	10	9.97	0.31	0.10	3	10.17	0.18	0.10
	4	10	14.99	0.42	0.13	10	15.41	0.27	0.09	10	15.34	0.49	0.15	3	15.25	0.23	0.13
	5	10	21.28	0.40	0.13	10	21.28	0.52	0.16	10	21.37	0.62	0.20	3	21.31	0.05	0.03
	9	10	7.23	1.39	0.44	10	7.47	2.38	0.75	10	8.00	1.24	0.39	3	7.57	0.40	0.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.14	0.25	0.08	10	2.03	0.34	0.11	10	2.04	0.23	0.07	3	2.07	0.06	0.03
	2	10	5.32	0.30	0.09	10	5.57	0.43	0.14	10	5.55	0.29	0.09	3	5.48	0.14	0.08
	3	10	10.27	0.42	0.13	10	10.40	0.43	0.14	10	10.28	0.24	0.07	3	10.32	0.07	0.04
	4	10	13.92	3.15	1.00	10	15.18	0.46	0.14	10	14.98	0.21	0.07	3	14.70	0.68	0.39
	5	10	21.26	0.44	0.14	10	21.43	0.42	0.13	10	20.96	0.48	0.15	3	21.21	0.24	0.14
	9	10	9.62	1.25	0.39	10	10.10	1.46	0.46	10	8.82	1.05	0.33	3	9.52	0.65	0.37
600-Minute	1	10	1.90	0.17	0.05	10	2.11	0.24	0.08	10	1.79	0.16	0.05	3	1.93	0.16	0.09
	2	10	5.36	0.28	0.09	10	5.40	0.19	0.06	10	5.56	0.35	0.11	3	5.44	0.10	0.06
	3	10	10.30	0.47	0.15	10	10.49	0.32	0.10	10	10.32	0.31	0.10	3	10.37	0.10	0.06
	4	10	15.15	0.37	0.12	10	15.45	0.48	0.15	10	15.03	0.36	0.11	3	15.21	0.22	0.13
	5	10	21.19	0.42	0.13	10	21.14	0.49	0.16	10	21.39	0.34	0.11	3	21.24	0.13	0.08
	9	10	8.48	2.24	0.71	10	9.27	1.57	0.50	10	9.32	1.80	0.57	3	9.02	0.47	0.27

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.12	0.26	0.08	10	1.98	0.30	0.09	10	2.18	0.14	0.04	3	2.09	0.10	0.06
	2	10	5.38	0.28	0.09	10	5.42	0.41	0.13	10	5.60	0.31	0.10	3	5.47	0.12	0.07
	3	10	10.04	0.56	0.18	10	10.48	0.35	0.11	10	10.16	0.27	0.08	3	10.23	0.22	0.13
	4	10	13.83	3.46	1.09	10	15.41	0.28	0.09	10	15.13	0.33	0.10	3	14.79	0.84	0.49
	5	10	20.87	0.40	0.13	10	21.44	0.32	0.10	10	20.99	0.43	0.14	3	21.10	0.30	0.17
	9	10	8.38	1.50	0.47	10	11.49	1.89	0.60	10	10.75	1.92	0.61	3	10.21	1.62	0.94
600-Minute	1	10	2.01	0.18	0.06	10	1.99	0.27	0.09	10	1.90	0.25	0.08	3	1.97	0.06	0.04
	2	10	5.50	0.29	0.09	10	5.47	0.27	0.09	10	5.56	0.34	0.11	3	5.51	0.04	0.02
	3	10	10.17	0.40	0.13	10	10.27	0.39	0.12	10	10.28	0.41	0.13	3	10.24	0.06	0.04
	4	10	15.16	0.41	0.13	10	15.36	0.29	0.09	10	15.16	0.30	0.09	3	15.23	0.12	0.07
	5	10	21.11	0.40	0.13	10	21.17	0.43	0.14	10	21.05	0.39	0.12	3	21.11	0.06	0.04
	9	10	7.31	1.49	0.47	10	9.44	2.62	0.83	10	8.96	2.24	0.71	3	8.57	1.12	0.65

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	8	2.19	0.75	0.27	7	2.36	0.85	0.32	6	2.17	0.61	0.25	3	2.24	0.10	0.06
	2	9	6.00	1.17	0.39	8	5.69	0.96	0.34	9	5.78	0.67	0.22	3	5.82	0.16	0.09
	3	10	10.15	1.53	0.48	10	11.20	1.16	0.37	9	10.83	1.27	0.42	3	10.73	0.53	0.31
	4	10	14.00	4.45	1.41	10	16.10	1.02	0.32	10	15.85	0.94	0.30	3	15.32	1.15	0.66
	5	10	22.15	1.42	0.45	10	22.15	2.01	0.64	10	21.90	1.63	0.52	3	22.07	0.14	0.08
	9	10	3.40	2.50	0.79	10	11.40	9.39	2.97	10	13.40	9.00	2.84	3	9.40	5.29	3.06
600-Minute	1	6	2.33	0.82	0.33	8	2.19	0.80	0.28	7	2.14	0.63	0.24	3	2.22	0.10	0.06
	2	9	5.61	0.99	0.33	9	5.61	0.89	0.30	9	5.89	1.02	0.34	3	5.70	0.16	0.09
	3	10	11.90	0.61	0.19	10	11.35	1.03	0.33	10	10.25	1.30	0.41	3	11.17	0.84	0.49
	4	8	15.19	1.33	0.47	8	15.81	1.03	0.37	10	15.80	0.92	0.29	3	15.60	0.36	0.21
	5	10	21.70	1.62	0.51	9	21.72	1.37	0.46	10	21.35	2.21	0.70	3	21.59	0.21	0.12
	9	10	6.30	6.18	1.95	10	10.50	10.00	3.16	10	6.10	7.55	2.39	3	7.63	2.48	1.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	7	2.14	0.69	0.26	7	2.71	0.76	0.29	7	2.86	0.56	0.21	3	2.57	0.38	0.22
	2	9	5.56	0.81	0.27	7	5.71	0.99	0.38	9	5.94	0.77	0.26	3	5.74	0.20	0.11
	3	9	10.39	1.17	0.39	10	10.20	1.32	0.42	10	11.30	1.18	0.37	3	10.63	0.59	0.34
	4	10	13.50	4.17	1.32	9	15.56	1.01	0.34	10	14.80	1.06	0.34	3	14.62	1.04	0.60
	5	10	21.80	1.67	0.53	10	21.75	1.55	0.49	10	20.80	1.60	0.51	3	21.45	0.56	0.33
	9	10	5.60	4.37	1.38	10	6.75	5.71	1.81	10	8.65	6.22	1.97	3	7.00	1.54	0.89
600-Minute	1	7	3.14	0.38	0.14	7	2.50	0.87	0.33	8	2.44	0.68	0.24	3	2.69	0.39	0.23
	2	8	5.81	1.13	0.40	9	5.67	1.00	0.33	10	5.45	0.93	0.29	3	5.64	0.18	0.11
	3	10	10.55	1.44	0.46	10	11.15	1.27	0.40	10	9.65	1.11	0.35	3	10.45	0.75	0.44
	4	10	15.20	1.27	0.40	9	16.00	1.12	0.37	10	16.05	1.30	0.41	3	15.75	0.48	0.28
	5	10	22.40	1.79	0.57	8	21.31	1.53	0.54	10	22.20	2.12	0.67	3	21.97	0.58	0.33
	9	10	4.35	2.75	0.87	10	6.10	6.16	1.95	10	3.10	1.22	0.39	3	4.52	1.51	0.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.11	0.55	0.18	8	2.50	0.80	0.28	9	2.50	0.79	0.26	3	2.37	0.22	0.13
	2	8	5.87	0.79	0.28	7	6.43	0.98	0.37	10	6.05	1.12	0.35	3	6.12	0.28	0.16
	3	10	10.20	1.30	0.41	10	10.50	1.33	0.42	10	10.80	1.23	0.39	3	10.50	0.30	0.17
	4	9	14.00	4.18	1.39	10	15.20	0.92	0.29	10	15.65	1.03	0.33	3	14.95	0.85	0.49
	5	10	21.50	1.97	0.62	10	22.25	1.78	0.56	10	20.95	1.36	0.43	3	21.57	0.65	0.38
	9	10	2.45	0.96	0.30	10	8.50	7.55	2.39	10	4.45	3.00	0.95	3	5.13	3.08	1.78
600-Minute	1	9	2.33	0.94	0.31	9	2.22	0.71	0.24	7	2.00	0.76	0.29	3	2.19	0.17	0.10
	2	10	5.60	0.74	0.23	9	6.06	1.13	0.38	10	5.85	1.11	0.35	3	5.84	0.23	0.13
	3	9	10.67	1.06	0.35	10	11.30	1.01	0.32	10	10.75	1.42	0.45	3	10.91	0.34	0.20
	4	10	15.35	1.20	0.38	10	16.50	1.20	0.38	10	15.25	1.14	0.36	3	15.70	0.69	0.40
	5	10	21.45	1.99	0.63	10	21.00	1.51	0.48	10	21.15	1.40	0.44	3	21.20	0.23	0.13
	9	10	4.35	5.97	1.89	10	2.90	1.76	0.56	10	4.70	6.57	2.08	3	3.98	0.95	0.55

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.28	0.83	0.28	8	2.50	0.80	0.28	10	2.30	0.63	0.20	3	2.36	0.12	0.07
	2	8	6.00	0.96	0.34	7	6.43	0.98	0.37	9	5.94	0.92	0.31	3	6.12	0.26	0.15
	3	9	10.22	1.37	0.46	10	10.65	0.94	0.30	10	9.75	1.01	0.32	3	10.21	0.45	0.26
	4	10	14.15	3.89	1.23	10	15.95	0.80	0.25	10	15.80	1.30	0.41	3	15.30	1.00	0.58
	5	10	20.90	1.79	0.57	10	22.60	1.24	0.39	10	21.25	1.48	0.47	3	21.58	0.90	0.52
	9	10	5.75	5.15	1.63	10	11.55	8.35	2.64	10	4.95	5.73	1.81	3	7.42	3.60	2.08
600-Minute	1	9	2.22	0.75	0.25	8	1.94	0.42	0.15	9	1.78	0.26	0.09	3	1.98	0.23	0.13
	2	10	5.30	0.54	0.17	10	5.75	1.30	0.41	9	5.67	1.12	0.37	3	5.57	0.24	0.14
	3	10	10.55	1.50	0.47	10	10.85	1.45	0.46	10	10.55	1.38	0.44	3	10.65	0.17	0.10
	4	10	15.45	1.07	0.34	10	16.05	1.09	0.35	10	16.10	1.24	0.39	3	15.87	0.36	0.21
	5	10	21.90	1.58	0.50	10	21.45	1.01	0.32	10	21.38	1.51	0.48	3	21.58	0.28	0.16
	9	10	3.25	1.75	0.55	10	8.05	9.45	2.99	10	4.25	4.91	1.55	3	5.18	2.53	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	56.15	39.60	12.52	10	46.18	30.02	9.49	10	33.36	13.34	4.22	3	45.23	11.42	6.60
	2	10	17.71	4.72	1.49	10	31.82	14.01	4.43	10	14.60	6.29	1.99	3	21.38	9.17	5.30
	3	10	18.47	6.36	2.01	10	22.58	8.26	2.61	10	21.82	8.25	2.61	3	20.96	2.18	1.26
	4	10	24.07	37.89	11.98	10	26.35	9.47	2.99	10	22.98	9.31	2.94	3	24.47	1.72	0.99
	5	10	9.85	3.57	1.13	10	52.95	31.15	9.85	10	34.94	16.86	5.33	3	32.58	21.65	12.50
	6	10	5.48	3.56	1.12	10	27.22	15.68	4.96	10	26.65	19.69	6.23	3	19.79	12.39	7.15
	7	10	14.53	11.25	3.56	10	111.08	71.38	22.57	10	91.49	39.00	12.33	3	72.36	51.04	29.47
	8	10	0.04	0.10	0.03	10	1.91	1.43	0.45	10	1.07	0.72	0.23	3	1.01	0.94	0.54
	9	10	114.65	41.29	13.06	10	179.88	43.29	13.69	10	127.70	23.70	7.50	3	140.74	34.51	19.93
600-Minute	1	10	83.52	51.72	16.35	10	88.91	70.44	22.28	10	73.26	47.12	14.90	3	81.90	7.95	4.59
	2	10	18.34	6.56	2.08	10	25.14	11.68	3.69	10	22.42	6.46	2.04	3	21.97	3.42	1.98
	3	10	13.66	5.52	1.75	10	20.18	7.43	2.35	10	13.52	3.17	1.00	3	15.79	3.81	2.20
	4	10	13.58	12.22	3.86	10	19.07	9.73	3.08	10	17.09	11.78	3.73	3	16.58	2.78	1.61
	5	10	17.23	13.32	4.21	10	55.87	34.77	10.99	10	29.31	16.72	5.29	3	34.14	19.76	11.41
	6	10	9.88	7.82	2.47	10	30.21	26.99	8.54	10	21.20	19.36	6.12	3	20.43	10.19	5.88
	7	10	36.97	45.94	14.53	10	128.60	86.23	27.27	10	64.34	48.22	15.25	3	76.64	47.04	27.16
	8	10	0.34	0.73	0.23	10	1.83	1.76	0.56	10	1.03	1.05	0.33	3	1.07	0.75	0.43
	9	10	146.34	53.60	16.95	10	209.17	68.75	21.74	10	155.61	53.96	17.06	3	170.37	33.92	19.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	53.67	37.34	11.81	10	48.47	17.58	5.56	10	39.69	20.92	6.62	3	47.28	7.06	4.08
	2	10	28.67	13.04	4.12	10	23.54	14.80	4.68	10	21.28	15.40	4.87	3	24.49	3.79	2.19
	3	10	27.54	11.52	3.64	10	20.24	10.18	3.22	10	19.91	12.03	3.81	3	22.57	4.31	2.49
	4	10	35.41	52.28	16.53	10	18.98	8.58	2.71	10	18.38	5.90	1.87	3	24.26	9.67	5.58
	5	10	13.25	3.55	1.12	10	17.45	6.11	1.93	10	16.69	6.04	1.91	3	15.80	2.24	1.29
	6	10	6.69	2.13	0.67	10	10.38	3.06	0.97	10	6.37	2.23	0.71	3	7.81	2.23	1.29
	7	10	11.88	3.01	0.95	10	21.50	9.24	2.92	10	17.44	9.60	3.04	3	16.94	4.83	2.79
	8	10	0.06	0.11	0.03	10	0.15	0.32	0.10	10	0.16	0.30	0.10	3	0.12	0.06	0.03
	9	10	142.36	43.78	13.84	10	128.69	38.03	12.02	10	115.95	49.80	15.75	3	129.00	13.21	7.62
600-Minute	1	10	49.77	16.66	5.27	10	51.13	43.93	13.89	10	43.64	25.78	8.15	3	48.18	3.99	2.30
	2	10	21.90	6.47	2.05	10	19.77	12.10	3.83	10	17.72	9.17	2.90	3	19.80	2.09	1.21
	3	10	16.21	6.80	2.15	10	11.73	4.51	1.43	10	9.78	3.03	0.96	3	12.58	3.29	1.90
	4	10	10.64	4.59	1.45	10	7.77	3.43	1.08	10	9.49	3.52	1.11	3	9.30	1.45	0.83
	5	10	11.57	3.88	1.23	10	11.50	4.59	1.45	10	14.18	4.48	1.42	3	12.42	1.52	0.88
	6	10	6.43	2.69	0.85	10	8.26	4.92	1.56	10	7.47	2.97	0.94	3	7.38	0.91	0.53
	7	10	13.65	7.28	2.30	10	19.93	12.79	4.04	10	18.10	6.89	2.18	3	17.23	3.23	1.87
	8	10	0.07	0.18	0.06	10	0.16	0.25	0.08	10	0.18	0.28	0.09	3	0.14	0.06	0.03
	9	10	110.09	22.59	7.14	10	101.91	46.96	14.85	10	94.81	36.50	11.54	3	102.27	7.65	4.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	81.23	30.93	9.78	10	82.51	38.43	12.15	10	75.02	43.56	13.77	3	79.59	4.01	2.31
	2	10	42.42	28.43	8.99	10	34.42	14.54	4.60	10	40.25	13.51	4.27	3	39.03	4.14	2.39
	3	10	49.60	19.79	6.26	10	40.54	15.17	4.80	10	40.32	7.88	2.49	3	43.48	5.30	3.06
	4	10	70.77	79.26	25.06	10	41.46	11.14	3.52	10	28.65	13.66	4.32	3	46.96	21.59	12.46
	5	10	41.69	6.78	2.14	10	47.99	14.36	4.54	10	29.63	7.69	2.43	3	39.77	9.33	5.39
	6	10	29.48	10.42	3.30	10	34.84	9.16	2.90	10	17.58	10.89	3.44	3	27.30	8.84	5.10
	7	10	40.93	11.06	3.50	10	69.29	23.90	7.56	10	42.08	28.10	8.88	3	50.77	16.06	9.27
	8	10	0.33	0.15	0.05	10	0.71	0.39	0.12	10	0.48	0.43	0.14	3	0.51	0.19	0.11
	9	10	261.37	90.80	28.71	10	246.92	56.03	17.72	10	213.87	68.23	21.58	3	240.72	24.35	14.06
600-Minute	1	10	124.57	78.14	24.71	10	90.53	42.62	13.48	10	112.20	81.60	25.81	3	109.10	17.23	9.95
	2	10	55.35	10.99	3.47	10	45.79	13.04	4.12	10	48.87	25.02	7.91	3	50.00	4.88	2.82
	3	10	33.98	18.56	5.87	10	33.42	14.67	4.64	10	35.51	9.31	2.95	3	34.30	1.08	0.62
	4	10	30.31	13.67	4.32	10	30.24	10.16	3.21	10	37.57	21.77	6.89	3	32.71	4.21	2.43
	5	10	50.81	24.09	7.62	10	48.61	17.87	5.65	10	56.49	21.59	6.83	3	51.97	4.07	2.35
	6	10	24.94	24.75	7.83	10	39.47	26.58	8.41	10	36.35	23.27	7.36	3	33.59	7.65	4.42
	7	10	68.77	26.32	8.32	10	106.21	54.04	17.09	10	92.76	38.87	12.29	3	89.25	18.96	10.95
	8	10	0.84	0.63	0.20	10	1.91	1.37	0.43	10	0.99	0.86	0.27	3	1.25	0.58	0.33
	9	10	295.01	92.69	29.31	10	248.59	52.94	16.74	10	290.64	114.56	36.23	3	278.08	25.63	14.80

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL 4E5 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	80.00	29.63	9.37	10	57.67	21.57	6.82	10	62.99	23.73	7.50	3	66.89	11.66	6.73
	2	10	42.97	17.46	5.52	10	27.67	10.40	3.29	10	38.75	17.83	5.64	3	36.46	7.90	4.56
	3	10	48.04	30.48	9.64	10	40.34	11.72	3.70	10	46.59	16.68	5.28	3	44.99	4.09	2.36
	4	10	68.88	67.86	21.46	10	56.56	15.74	4.98	10	42.43	11.41	3.61	3	55.96	13.24	7.64
	5	10	21.46	7.22	2.28	10	56.38	29.57	9.35	10	53.28	23.28	7.36	3	43.71	19.32	11.16
	6	10	12.05	5.43	1.72	10	36.88	20.60	6.51	10	39.40	26.38	8.34	3	29.44	15.12	8.73
	7	10	28.74	12.59	3.98	10	119.96	65.36	20.67	10	128.27	53.86	17.03	3	92.32	55.22	31.88
	8	10	0.21	0.38	0.12	10	1.54	1.07	0.34	10	1.36	0.97	0.31	3	1.04	0.72	0.42
	9	10	240.39	73.97	23.39	10	238.62	36.09	11.41	10	244.03	34.90	11.04	3	241.01	2.76	1.59
600-Minute	1	10	109.29	70.67	22.35	10	90.59	41.88	13.24	10	100.42	90.61	28.65	3	100.10	9.35	5.40
	2	10	49.92	12.13	3.84	10	46.43	34.86	11.02	10	42.26	21.69	6.86	3	46.21	3.83	2.21
	3	10	28.29	13.49	4.27	10	27.41	12.00	3.80	10	37.59	18.90	5.98	3	31.10	5.64	3.26
	4	10	24.81	13.02	4.12	10	36.20	20.58	6.51	10	37.14	17.25	5.45	3	32.72	6.86	3.96
	5	10	25.05	15.55	4.92	10	49.00	26.77	8.47	10	38.61	19.73	6.24	3	37.55	12.01	6.93
	6	10	12.26	6.36	2.01	10	23.89	18.32	5.79	10	19.67	15.00	4.74	3	18.61	5.89	3.40
	7	10	42.74	35.57	11.25	10	94.83	58.13	18.38	10	60.28	38.54	12.19	3	65.95	26.50	15.30
	8	10	0.49	0.66	0.21	10	1.41	1.88	0.59	10	0.35	0.55	0.17	3	0.75	0.58	0.33
	9	10	237.36	95.80	30.29	10	249.63	79.67	25.19	10	256.03	101.80	32.19	3	247.67	9.49	5.48

Animal D275

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	16.89	16.07	5.08	10	14.41	5.26	1.66	10	16.34	14.48	4.58	3	15.88	1.30	0.75
	2	10	13.40	8.97	2.84	10	12.48	3.42	1.08	10	12.73	5.42	1.71	3	12.87	0.48	0.27
	3	10	19.72	4.92	1.55	10	15.50	6.69	2.12	10	15.83	5.79	1.83	3	17.02	2.34	1.35
	4	10	22.74	11.23	3.55	10	20.90	5.15	1.63	10	21.75	7.12	2.25	3	21.80	0.92	0.53
	5	10	27.25	9.13	2.89	10	36.71	8.56	2.71	10	33.34	10.85	3.43	3	32.44	4.79	2.77
30-Minute	1	10	17.57	8.89	2.81	10	19.93	7.98	2.52	10	21.92	10.59	3.35	3	19.81	2.18	1.26
	2	10	12.61	4.11	1.30	10	15.08	5.06	1.60	10	13.08	5.12	1.62	3	13.59	1.31	0.76
	3	10	18.96	6.54	2.07	10	16.87	4.25	1.34	10	18.24	5.95	1.88	3	18.02	1.06	0.61
	4	10	21.51	6.46	2.04	10	21.02	7.32	2.31	10	15.06	5.36	1.69	3	19.20	3.59	2.07
	5	10	29.35	4.99	1.58	10	27.10	12.61	3.99	10	31.70	6.85	2.17	3	29.38	2.30	1.33
90-Minute	1	10	21.39	13.26	4.19	10	14.61	5.37	1.70	10	30.08	11.00	3.48	3	22.03	7.76	4.48
	2	10	11.00	2.91	0.92	10	11.49	5.09	1.61	10	12.54	3.46	1.09	3	11.68	0.79	0.45
	3	10	16.17	6.60	2.09	10	18.52	6.44	2.04	10	16.07	3.38	1.07	3	16.92	1.39	0.80
	4	10	19.86	7.04	2.23	10	23.45	5.57	1.76	10	17.71	6.48	2.05	3	20.34	2.90	1.68
	5	10	31.57	10.97	3.47	10	31.93	9.44	2.98	10	23.61	8.31	2.63	3	29.04	4.71	2.72
300-Minute	1	10	20.53	8.73	2.76	10	15.23	4.59	1.45	10	16.45	4.99	1.58	3	17.41	2.77	1.60
	2	10	13.05	6.69	2.12	10	12.83	4.69	1.48	10	10.26	3.42	1.08	3	12.05	1.55	0.89
	3	10	19.26	7.31	2.31	10	17.21	4.76	1.51	10	18.84	6.51	2.06	3	18.44	1.08	0.62
	4	10	18.16	5.56	1.76	10	26.43	5.88	1.86	10	24.33	7.66	2.42	3	22.97	4.30	2.48
	5	10	29.00	10.03	3.17	10	28.30	4.74	1.50	10	30.11	5.97	1.89	3	29.14	0.91	0.53
600-Minute	1	10	25.02	16.33	5.16	10	15.81	5.02	1.59	10	38.72	13.65	4.32	3	26.52	11.53	6.66
	2	10	15.82	5.11	1.62	10	13.01	4.23	1.34	10	14.51	7.46	2.36	3	14.45	1.41	0.81
	3	10	16.79	6.66	2.11	10	17.72	4.75	1.50	10	17.66	7.28	2.30	3	17.39	0.52	0.30
	4	10	17.09	6.45	2.04	10	23.61	8.05	2.54	10	13.40	4.37	1.38	3	18.03	5.17	2.98
	5	10	25.28	12.53	3.96	10	29.85	5.41	1.71	10	15.70	9.92	3.14	3	23.61	7.22	4.17

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	20.76	9.08	2.87	10	17.07	5.15	1.63	10	17.91	9.88	3.12	3	18.58	1.93	1.12
	2	10	18.08	7.31	2.31	10	15.69	3.88	1.23	10	15.24	3.49	1.10	3	16.34	1.53	0.88
	3	10	22.58	8.50	2.69	10	26.52	3.63	1.15	10	23.22	7.55	2.39	3	24.11	2.12	1.22
	4	10	21.40	7.50	2.37	10	18.63	8.50	2.69	10	19.99	5.51	1.74	3	20.01	1.39	0.80
	5	10	17.18	4.54	1.43	10	22.09	3.51	1.11	10	23.64	11.74	3.71	3	20.97	3.37	1.95
30-Minute	1	10	22.69	10.56	3.34	10	21.32	7.77	2.46	10	21.90	6.74	2.13	3	21.97	0.69	0.40
	2	10	16.56	3.69	1.17	10	14.43	7.41	2.34	10	14.41	5.45	1.72	3	15.13	1.23	0.71
	3	10	23.08	9.16	2.90	10	22.65	7.05	2.23	10	20.90	4.16	1.31	3	22.21	1.16	0.67
	4	10	18.01	6.63	2.10	10	21.61	5.15	1.63	10	18.97	4.37	1.38	3	19.53	1.86	1.08
	5	10	19.66	4.22	1.34	10	19.98	10.69	3.38	10	23.83	6.20	1.96	3	21.16	2.32	1.34
90-Minute	1	10	20.73	7.45	2.35	10	17.77	6.22	1.97	10	25.12	7.65	2.42	3	21.21	3.70	2.13
	2	10	13.96	5.03	1.59	10	14.31	4.08	1.29	10	13.83	4.04	1.28	3	14.03	0.25	0.15
	3	10	25.01	7.07	2.23	10	25.00	7.03	2.22	10	24.12	7.95	2.51	3	24.71	0.51	0.29
	4	10	18.11	3.04	0.96	10	20.56	5.39	1.70	10	17.14	6.34	2.01	3	18.60	1.76	1.02
	5	10	22.18	9.37	2.96	10	22.36	6.93	2.19	10	19.79	6.99	2.21	3	21.45	1.43	0.83
300-Minute	1	10	29.77	12.33	3.90	10	17.58	7.38	2.33	10	17.86	6.84	2.16	3	21.74	6.96	4.02
	2	10	15.12	8.32	2.63	10	14.49	4.38	1.38	10	13.27	4.26	1.35	3	14.29	0.94	0.54
	3	10	19.09	4.04	1.28	10	20.55	3.20	1.01	10	24.47	7.64	2.42	3	21.37	2.78	1.61
	4	10	16.35	8.34	2.64	10	18.06	7.54	2.38	10	20.87	5.30	1.68	3	18.43	2.28	1.32
	5	10	19.67	7.01	2.22	10	29.32	9.35	2.96	10	23.52	8.76	2.77	3	24.17	4.86	2.80
600-Minute	1	10	24.73	17.35	5.49	10	17.19	6.82	2.16	10	31.11	11.89	3.76	3	24.34	6.97	4.02
	2	10	18.47	7.34	2.32	10	14.84	4.25	1.34	10	18.27	7.77	2.46	3	17.19	2.04	1.18
	3	10	17.20	5.03	1.59	10	21.16	5.29	1.67	10	20.35	6.03	1.91	3	19.57	2.09	1.21
	4	10	17.95	9.78	3.09	10	17.62	3.55	1.12	10	17.07	11.73	3.71	3	17.55	0.44	0.26
	5	10	21.66	12.71	4.02	10	29.19	4.18	1.32	10	13.20	5.93	1.87	3	21.35	8.00	4.62

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	29.20	11.24	3.55	10	20.05	10.35	3.27	10	21.63	12.31	3.89	3	23.62	4.89	2.82
	2	10	16.70	5.25	1.66	10	19.10	8.57	2.71	10	18.40	8.55	2.70	3	18.07	1.23	0.71
	3	10	21.92	6.38	2.02	10	21.50	5.53	1.75	10	20.60	9.50	3.00	3	21.34	0.67	0.39
	4	10	14.65	4.62	1.46	10	16.22	7.01	2.22	10	14.75	5.80	1.83	3	15.21	0.88	0.51
	5	10	17.53	7.89	2.49	10	23.14	7.59	2.40	10	24.62	9.85	3.12	3	21.76	3.74	2.16
30-Minute	1	10	31.52	12.71	4.02	10	31.16	10.77	3.41	10	31.50	15.92	5.03	3	31.39	0.20	0.11
	2	10	15.60	4.26	1.35	10	16.88	8.82	2.79	10	19.53	10.15	3.21	3	17.34	2.01	1.16
	3	10	16.84	7.78	2.46	10	16.37	4.96	1.57	10	15.10	4.51	1.43	3	16.10	0.90	0.52
	4	10	13.02	4.80	1.52	10	15.20	6.39	2.02	10	11.66	4.97	1.57	3	13.30	1.79	1.03
	5	10	23.02	7.96	2.52	10	20.39	10.12	3.20	10	22.21	9.38	2.97	3	21.87	1.35	0.78
90-Minute	1	10	29.25	9.98	3.16	10	24.34	12.97	4.10	10	33.90	11.84	3.74	3	29.16	4.78	2.76
	2	10	18.01	5.12	1.62	10	17.54	7.74	2.45	10	17.58	5.72	1.81	3	17.71	0.26	0.15
	3	10	19.32	8.02	2.54	10	17.31	5.69	1.80	10	18.82	9.33	2.95	3	18.48	1.05	0.61
	4	10	10.88	5.64	1.78	10	15.38	3.99	1.26	10	12.90	3.60	1.14	3	13.05	2.25	1.30
	5	10	22.54	6.66	2.11	10	25.43	7.63	2.41	10	16.80	6.66	2.10	3	21.59	4.39	2.54
300-Minute	1	10	24.04	11.74	3.71	10	25.67	8.03	2.54	10	24.32	8.78	2.78	3	24.68	0.88	0.51
	2	10	15.56	4.26	1.35	10	16.39	5.94	1.88	10	15.48	6.37	2.01	3	15.81	0.50	0.29
	3	10	20.28	6.38	2.02	10	21.56	5.39	1.70	10	19.67	9.01	2.85	3	20.50	0.97	0.56
	4	10	16.61	4.60	1.45	10	16.03	5.41	1.71	10	17.44	9.19	2.90	3	16.69	0.71	0.41
	5	10	23.51	7.40	2.34	10	20.35	5.57	1.76	10	23.10	4.65	1.47	3	22.32	1.72	0.99
600-Minute	1	10	34.00	9.33	2.95	10	25.52	8.31	2.63	10	35.52	10.14	3.21	3	31.68	5.39	3.11
	2	10	12.74	4.64	1.47	10	10.54	2.66	0.84	10	20.58	8.73	2.76	3	14.62	5.28	3.05
	3	10	16.76	6.84	2.16	10	18.35	5.77	1.82	10	18.14	7.72	2.44	3	17.75	0.86	0.50
	4	10	12.18	4.40	1.39	10	16.09	2.89	0.91	10	12.80	5.98	1.89	3	13.69	2.10	1.21
	5	10	24.31	7.03	2.22	10	29.50	8.77	2.77	10	12.95	4.76	1.51	3	22.25	8.46	4.88

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	32.20	14.31	4.52	10	19.78	8.69	2.75	10	26.95	14.55	4.60	3	26.31	6.24	3.60
	2	10	18.10	4.25	1.34	10	21.50	8.21	2.60	10	20.06	8.03	2.54	3	19.89	1.71	0.98
	3	10	19.84	5.78	1.83	10	20.00	4.89	1.55	10	17.70	7.28	2.30	3	19.18	1.29	0.74
	4	10	13.31	5.61	1.77	10	14.40	5.17	1.64	10	15.02	7.66	2.42	3	14.24	0.87	0.50
	5	10	16.55	7.68	2.43	10	24.32	10.59	3.35	10	20.27	11.00	3.48	3	20.38	3.89	2.24
30-Minute	1	10	30.65	11.16	3.53	10	35.14	8.82	2.79	10	32.14	12.46	3.94	3	32.64	2.28	1.32
	2	10	18.73	4.42	1.40	10	20.39	10.03	3.17	10	17.74	10.08	3.19	3	18.95	1.34	0.78
	3	10	19.02	5.21	1.65	10	14.41	5.36	1.69	10	16.18	4.73	1.50	3	16.54	2.32	1.34
	4	10	17.17	6.79	2.15	10	12.81	4.22	1.34	10	12.76	5.87	1.86	3	14.24	2.53	1.46
	5	10	14.44	5.08	1.60	10	17.25	8.91	2.82	10	21.19	9.87	3.12	3	17.63	3.39	1.96
90-Minute	1	10	35.61	10.22	3.23	10	26.52	11.29	3.57	10	36.96	12.46	3.94	3	33.03	5.68	3.28
	2	10	16.52	4.79	1.52	10	16.88	7.18	2.27	10	18.15	5.50	1.74	3	17.19	0.85	0.49
	3	10	21.54	7.90	2.50	10	19.03	6.21	1.96	10	18.84	9.49	3.00	3	19.80	1.50	0.87
	4	10	11.69	3.60	1.14	10	14.77	5.09	1.61	10	10.84	3.68	1.16	3	12.43	2.07	1.19
	5	10	14.64	5.83	1.84	10	22.79	8.53	2.70	10	15.21	9.50	3.01	3	17.55	4.55	2.63
300-Minute	1	10	25.43	9.72	3.07	10	21.84	8.19	2.59	10	29.15	12.15	3.84	3	25.47	3.65	2.11
	2	10	16.89	3.60	1.14	10	16.09	4.39	1.39	10	16.60	4.39	1.39	3	16.53	0.41	0.23
	3	10	18.17	5.63	1.78	10	20.46	7.46	2.36	10	19.15	8.17	2.58	3	19.26	1.15	0.66
	4	10	15.43	4.47	1.41	10	16.27	5.34	1.69	10	10.14	2.71	0.86	3	13.95	3.32	1.92
	5	10	24.09	7.67	2.42	10	25.35	8.74	2.77	10	24.95	10.86	3.43	3	24.80	0.64	0.37
600-Minute	1	10	25.24	7.84	2.48	10	24.09	8.25	2.61	10	33.68	10.83	3.42	3	27.67	5.24	3.03
	2	10	15.54	5.38	1.70	10	13.26	5.37	1.70	10	17.16	6.97	2.20	3	15.32	1.96	1.13
	3	10	20.17	10.28	3.25	10	17.74	4.80	1.52	10	18.34	7.56	2.39	3	18.75	1.27	0.73
	4	10	15.12	5.11	1.62	10	18.73	5.07	1.60	10	14.44	5.25	1.66	3	16.10	2.30	1.33
	5	10	23.92	7.25	2.29	10	26.19	10.05	3.18	10	16.37	7.23	2.29	3	22.16	5.14	2.97

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.30	0.30	0.10	10	2.18	0.26	0.08	10	2.15	0.21	0.07	3	2.21	0.08	0.05
	2	10	5.58	0.30	0.09	10	5.63	0.48	0.15	10	5.74	0.26	0.08	3	5.65	0.08	0.05
	3	10	10.45	0.31	0.10	10	10.46	0.43	0.13	10	10.54	0.36	0.11	3	10.48	0.05	0.03
	4	10	15.10	0.58	0.18	10	15.51	0.28	0.09	10	15.21	0.46	0.15	3	15.27	0.22	0.12
	5	10	21.29	0.55	0.17	10	21.37	0.45	0.14	10	21.02	0.49	0.16	3	21.23	0.18	0.10
	9	10	12.44	2.74	0.87	10	13.73	1.24	0.39	10	13.08	2.75	0.87	3	13.08	0.64	0.37
30-Minute	1	10	2.20	0.24	0.08	10	2.04	0.12	0.04	10	2.16	0.27	0.09	3	2.13	0.08	0.05
	2	10	5.62	0.26	0.08	10	5.69	0.26	0.08	10	5.59	0.31	0.10	3	5.63	0.05	0.03
	3	10	10.31	0.24	0.08	10	10.49	0.46	0.14	10	10.27	0.32	0.10	3	10.36	0.12	0.07
	4	10	15.27	0.46	0.15	10	15.06	0.41	0.13	10	15.18	0.60	0.19	3	15.17	0.10	0.06
	5	10	21.07	0.38	0.12	10	21.37	0.42	0.13	10	21.19	0.52	0.17	3	21.21	0.16	0.09
	9	10	12.54	1.15	0.36	10	12.00	2.03	0.64	10	12.13	1.84	0.58	3	12.22	0.28	0.16
90-Minute	1	10	2.01	0.22	0.07	10	2.04	0.34	0.11	10	1.99	0.28	0.09	3	2.01	0.02	0.01
	2	10	5.60	0.43	0.14	10	5.71	0.35	0.11	10	5.65	0.34	0.11	3	5.65	0.05	0.03
	3	10	10.48	0.48	0.15	10	10.31	0.34	0.11	10	10.22	0.33	0.10	3	10.34	0.13	0.08
	4	10	15.20	0.52	0.16	10	15.12	0.24	0.08	10	15.05	0.43	0.14	3	15.12	0.08	0.04
	5	10	21.11	0.49	0.15	10	21.34	0.34	0.11	10	20.97	0.50	0.16	3	21.14	0.19	0.11
	9	10	12.42	2.26	0.72	10	13.22	1.38	0.44	10	10.56	1.81	0.57	3	12.07	1.36	0.79
300-Minute	1	10	1.86	0.16	0.05	10	2.00	0.22	0.07	10	2.02	0.25	0.08	3	1.96	0.09	0.05
	2	10	5.66	0.24	0.08	10	5.62	0.24	0.08	10	5.74	0.45	0.14	3	5.67	0.06	0.03
	3	10	10.24	0.55	0.17	10	10.19	0.34	0.11	10	10.71	0.52	0.17	3	10.38	0.29	0.17
	4	10	15.14	0.40	0.13	10	15.20	0.34	0.11	10	15.04	0.24	0.08	3	15.13	0.08	0.05
	5	10	21.24	0.29	0.09	10	21.19	0.60	0.19	10	21.22	0.56	0.18	3	21.21	0.03	0.02
	9	10	12.01	1.84	0.58	10	12.79	0.99	0.31	10	13.00	0.94	0.30	3	12.60	0.52	0.30
600-Minute	1	10	1.90	0.16	0.05	10	1.92	0.33	0.10	10	1.82	0.25	0.08	3	1.88	0.05	0.03
	2	10	5.73	0.37	0.12	10	5.57	0.30	0.10	10	5.49	0.26	0.08	3	5.60	0.12	0.07
	3	10	10.39	0.41	0.13	10	10.38	0.36	0.11	10	10.37	0.29	0.09	3	10.38	0.01	0.01
	4	10	15.17	0.57	0.18	10	15.30	0.26	0.08	10	15.14	0.50	0.16	3	15.20	0.09	0.05
	5	10	21.12	0.41	0.13	10	21.27	0.49	0.15	10	21.09	0.41	0.13	3	21.16	0.10	0.05
	9	10	11.04	2.84	0.90	10	12.84	1.03	0.33	10	8.65	2.44	0.77	3	10.84	2.10	1.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.39	0.22	0.07	10	2.32	0.29	0.09	10	2.37	0.40	0.13	3	2.36	0.04	0.02
	2	10	5.73	0.44	0.14	10	5.78	0.30	0.09	10	5.85	0.34	0.11	3	5.79	0.06	0.03
	3	10	10.31	0.41	0.13	10	10.40	0.47	0.15	10	10.30	0.43	0.13	3	10.34	0.05	0.03
	4	10	14.84	0.46	0.15	10	15.28	0.43	0.14	10	15.33	0.34	0.11	3	15.15	0.27	0.16
	5	10	21.00	0.33	0.10	10	21.16	0.56	0.18	10	21.04	0.43	0.14	3	21.07	0.09	0.05
	9	10	10.65	1.28	0.40	10	11.59	0.77	0.24	10	11.74	1.99	0.63	3	11.33	0.59	0.34
30-Minute	1	10	2.24	0.28	0.09	10	2.13	0.28	0.09	10	2.27	0.38	0.12	3	2.21	0.07	0.04
	2	10	5.59	0.29	0.09	10	5.62	0.36	0.12	10	5.63	0.47	0.15	3	5.61	0.02	0.01
	3	10	10.45	0.30	0.10	10	10.53	0.33	0.10	10	10.30	0.41	0.13	3	10.43	0.11	0.07
	4	10	15.02	0.39	0.12	10	14.98	0.57	0.18	10	15.26	0.41	0.13	3	15.08	0.15	0.09
	5	10	21.19	0.48	0.15	10	21.46	0.62	0.20	10	20.98	0.50	0.16	3	21.21	0.24	0.14
	9	10	10.72	1.48	0.47	10	11.15	1.94	0.61	10	11.34	1.27	0.40	3	11.07	0.32	0.18
90-Minute	1	10	2.09	0.34	0.11	10	2.04	0.35	0.11	10	1.94	0.33	0.10	3	2.02	0.08	0.04
	2	10	5.52	0.26	0.08	10	5.77	0.34	0.11	10	5.61	0.44	0.14	3	5.63	0.13	0.07
	3	10	10.56	0.33	0.10	10	10.45	0.34	0.11	10	10.38	0.46	0.15	3	10.46	0.09	0.05
	4	10	15.11	0.36	0.11	10	15.16	0.46	0.15	10	14.99	0.24	0.08	3	15.09	0.09	0.05
	5	10	20.64	0.56	0.18	10	21.10	0.47	0.15	10	21.18	0.53	0.17	3	20.97	0.29	0.17
	9	10	11.18	1.50	0.48	10	11.62	1.27	0.40	10	10.52	1.44	0.46	3	11.11	0.55	0.32
300-Minute	1	10	1.84	0.29	0.09	10	2.17	0.28	0.09	10	2.19	0.22	0.07	3	2.07	0.20	0.12
	2	10	5.67	0.32	0.10	10	5.61	0.29	0.09	10	5.48	0.36	0.11	3	5.59	0.10	0.06
	3	10	10.36	0.41	0.13	10	10.33	0.43	0.13	10	10.60	0.42	0.13	3	10.43	0.15	0.09
	4	10	15.24	0.48	0.15	10	15.15	0.51	0.16	10	15.14	0.66	0.21	3	15.17	0.06	0.03
	5	10	21.05	0.45	0.14	10	21.00	0.49	0.16	10	20.76	0.53	0.17	3	20.94	0.15	0.09
	9	10	10.00	1.97	0.62	10	12.17	1.51	0.48	10	11.78	1.38	0.44	3	11.32	1.16	0.67
600-Minute	1	10	1.94	0.28	0.09	10	1.93	0.16	0.05	10	1.93	0.28	0.09	3	1.93	0.01	0.00
	2	10	5.63	0.30	0.09	10	5.81	0.26	0.08	10	5.53	0.37	0.12	3	5.66	0.14	0.08
	3	10	10.18	0.32	0.10	10	10.31	0.33	0.10	10	10.31	0.45	0.14	3	10.27	0.07	0.04
	4	10	15.31	0.59	0.19	10	15.50	0.22	0.07	10	15.34	0.41	0.13	3	15.38	0.10	0.06
	5	10	21.05	0.29	0.09	10	20.93	0.31	0.10	10	20.60	0.41	0.13	3	20.86	0.24	0.14
	9	10	10.58	3.20	1.01	10	12.21	0.82	0.26	10	9.01	2.20	0.70	3	10.60	1.60	0.92

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.27	0.27	0.09	10	2.27	0.24	0.08	10	2.40	0.30	0.09	3	2.31	0.07	0.04
	2	10	5.63	0.45	0.14	10	5.52	0.39	0.12	10	5.47	0.29	0.09	3	5.54	0.08	0.05
	3	10	10.23	0.43	0.14	10	10.31	0.72	0.23	10	10.12	0.43	0.14	3	10.22	0.09	0.05
	4	10	15.07	0.37	0.12	10	15.02	0.60	0.19	10	14.95	0.28	0.09	3	15.02	0.06	0.03
	5	10	21.04	0.36	0.12	10	21.43	0.44	0.14	10	21.49	0.45	0.14	3	21.32	0.24	0.14
	9	10	9.74	1.68	0.53	10	11.11	2.13	0.67	10	11.11	2.47	0.78	3	10.65	0.79	0.46
30-Minute	1	10	2.15	0.28	0.09	10	2.16	0.26	0.08	10	2.29	0.28	0.09	3	2.20	0.08	0.05
	2	10	5.50	0.39	0.12	10	5.36	0.29	0.09	10	5.63	0.28	0.09	3	5.50	0.14	0.08
	3	10	10.38	0.42	0.13	10	10.48	0.52	0.17	10	9.94	0.40	0.13	3	10.27	0.29	0.17
	4	10	15.11	0.44	0.14	10	15.07	0.29	0.09	10	15.35	0.51	0.16	3	15.17	0.15	0.09
	5	10	21.16	0.43	0.13	10	21.47	0.56	0.18	10	21.42	0.42	0.13	3	21.35	0.17	0.10
	9	10	10.12	2.07	0.66	10	9.98	2.72	0.86	10	9.84	2.33	0.74	3	9.98	0.14	0.08
90-Minute	1	10	1.97	0.23	0.07	10	2.11	0.27	0.09	10	2.22	0.16	0.05	3	2.10	0.12	0.07
	2	10	5.55	0.28	0.09	10	5.58	0.39	0.12	10	5.55	0.34	0.11	3	5.56	0.02	0.01
	3	10	10.14	0.36	0.11	10	10.28	0.46	0.14	10	10.19	0.39	0.12	3	10.20	0.07	0.04
	4	10	15.20	0.40	0.13	10	15.31	0.34	0.11	10	15.09	0.31	0.10	3	15.20	0.11	0.06
	5	10	21.41	0.85	0.27	10	21.12	0.50	0.16	10	21.26	0.24	0.08	3	21.27	0.14	0.08
	9	10	10.06	1.69	0.53	10	11.03	1.76	0.56	10	9.19	1.82	0.58	3	10.09	0.92	0.53
300-Minute	1	10	2.11	0.28	0.09	10	2.21	0.29	0.09	10	2.12	0.20	0.06	3	2.14	0.06	0.03
	2	10	5.66	0.38	0.12	10	5.49	0.31	0.10	10	5.53	0.28	0.09	3	5.56	0.09	0.05
	3	10	10.33	0.47	0.15	10	10.30	0.44	0.14	10	10.54	0.32	0.10	3	10.39	0.13	0.07
	4	10	15.01	0.39	0.12	10	15.17	0.36	0.11	10	15.03	0.40	0.13	3	15.07	0.09	0.05
	5	10	21.20	0.41	0.13	10	21.06	0.43	0.13	10	21.18	0.46	0.15	3	21.15	0.08	0.04
	9	10	10.96	1.64	0.52	10	10.37	1.28	0.41	10	10.95	1.74	0.55	3	10.76	0.34	0.20
600-Minute	1	10	2.14	0.30	0.09	10	2.25	0.32	0.10	10	1.94	0.26	0.08	3	2.11	0.16	0.09
	2	10	5.57	0.46	0.15	10	5.60	0.49	0.15	10	5.48	0.22	0.07	3	5.55	0.06	0.04
	3	10	10.21	0.41	0.13	10	10.47	0.39	0.12	10	10.05	0.73	0.23	3	10.24	0.21	0.12
	4	10	15.13	0.40	0.13	10	15.23	0.24	0.08	10	15.15	0.40	0.13	3	15.17	0.05	0.03
	5	10	21.36	0.49	0.16	10	21.10	0.38	0.12	10	21.22	0.56	0.18	3	21.22	0.13	0.08
	9	10	10.21	1.26	0.40	10	11.74	1.52	0.48	10	8.31	1.65	0.52	3	10.09	1.72	0.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.21	0.27	0.09	10	2.27	0.36	0.11	10	2.30	0.22	0.07	3	2.26	0.04	0.03
	2	10	5.47	0.38	0.12	10	5.48	0.27	0.08	10	5.32	0.29	0.09	3	5.43	0.09	0.05
	3	10	10.31	0.20	0.06	10	10.11	0.51	0.16	10	10.36	0.41	0.13	3	10.26	0.13	0.08
	4	10	15.18	0.42	0.13	10	15.28	0.38	0.12	10	15.11	0.46	0.15	3	15.19	0.09	0.05
	5	10	21.16	0.33	0.10	10	21.13	0.33	0.10	10	21.14	0.46	0.15	3	21.14	0.01	0.01
	9	10	9.27	1.97	0.62	10	10.97	1.98	0.63	10	10.10	2.90	0.92	3	10.11	0.85	0.49
30-Minute	1	10	2.06	0.24	0.07	10	2.22	0.31	0.10	10	2.03	0.24	0.07	3	2.10	0.10	0.06
	2	10	5.40	0.32	0.10	10	5.40	0.39	0.12	10	5.63	0.28	0.09	3	5.47	0.13	0.08
	3	10	10.43	0.51	0.16	10	10.38	0.42	0.13	10	9.95	0.30	0.10	3	10.26	0.26	0.15
	4	10	15.06	0.45	0.14	10	15.04	0.48	0.15	10	15.23	0.49	0.16	3	15.11	0.11	0.06
	5	10	21.18	0.71	0.22	10	21.10	0.60	0.19	10	21.14	0.44	0.14	3	21.14	0.04	0.02
	9	10	9.30	1.90	0.60	10	8.94	1.80	0.57	10	9.67	2.18	0.69	3	9.30	0.37	0.21
90-Minute	1	10	2.09	0.26	0.08	10	2.06	0.31	0.10	10	2.21	0.24	0.07	3	2.12	0.08	0.04
	2	10	5.47	0.36	0.12	10	5.53	0.42	0.13	10	5.60	0.32	0.10	3	5.53	0.07	0.04
	3	10	10.35	0.42	0.13	10	10.25	0.40	0.13	10	10.13	0.40	0.13	3	10.24	0.11	0.06
	4	10	15.06	0.43	0.14	10	15.11	0.39	0.12	10	15.09	0.40	0.13	3	15.08	0.02	0.01
	5	10	21.34	0.32	0.10	10	21.14	0.37	0.12	10	21.15	0.51	0.16	3	21.21	0.11	0.06
	9	10	8.79	1.41	0.45	10	10.50	1.94	0.61	10	8.60	2.17	0.69	3	9.30	1.05	0.61
300-Minute	1	10	2.09	0.22	0.07	10	2.13	0.22	0.07	10	2.09	0.25	0.08	3	2.10	0.02	0.01
	2	10	5.61	0.41	0.13	10	5.47	0.34	0.11	10	5.55	0.23	0.07	3	5.54	0.07	0.04
	3	10	10.19	0.43	0.13	10	10.33	0.42	0.13	10	10.12	0.33	0.11	3	10.21	0.11	0.06
	4	10	15.13	0.26	0.08	10	15.10	0.30	0.10	10	15.20	0.62	0.20	3	15.14	0.05	0.03
	5	10	21.02	0.48	0.15	10	20.96	0.19	0.06	10	21.30	0.43	0.14	3	21.09	0.18	0.10
	9	10	10.72	1.54	0.49	10	11.22	1.75	0.55	10	10.32	2.09	0.66	3	10.75	0.45	0.26
600-Minute	1	10	2.14	0.28	0.09	10	2.13	0.21	0.07	10	2.05	0.27	0.08	3	2.11	0.05	0.03
	2	10	5.73	0.39	0.12	10	5.54	0.19	0.06	10	5.49	0.25	0.08	3	5.59	0.13	0.07
	3	10	10.45	0.41	0.13	10	10.29	0.41	0.13	10	10.07	0.48	0.15	3	10.27	0.19	0.11
	4	10	15.03	0.47	0.15	10	15.48	0.37	0.12	10	15.01	0.45	0.14	3	15.17	0.27	0.16
	5	10	20.99	0.25	0.08	10	21.03	0.37	0.12	10	21.08	0.56	0.18	3	21.03	0.04	0.03
	9	10	10.84	1.17	0.37	10	11.47	1.53	0.48	10	9.09	1.75	0.55	3	10.47	1.23	0.71

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.70	0.67	0.21	9	2.00	0.79	0.26	8	2.44	0.68	0.24	3	2.38	0.35	0.20
	2	9	5.28	0.36	0.12	10	6.00	0.82	0.26	10	6.20	1.06	0.33	3	5.83	0.49	0.28
	3	10	11.00	0.94	0.30	9	10.28	1.39	0.46	10	11.15	1.18	0.37	3	10.81	0.47	0.27
	4	9	15.00	1.48	0.49	10	16.25	1.40	0.44	10	15.30	1.25	0.40	3	15.52	0.65	0.38
	5	10	21.90	1.91	0.60	10	22.20	2.07	0.65	10	21.05	1.88	0.59	3	21.72	0.60	0.34
	9	10	13.40	7.53	2.38	10	19.40	3.95	1.25	10	15.95	7.94	2.51	3	16.25	3.01	1.74
30-Minute	1	10	2.35	0.78	0.25	9	2.17	0.66	0.22	9	2.28	0.57	0.19	3	2.26	0.09	0.05
	2	10	6.30	0.71	0.23	10	5.70	0.79	0.25	10	5.55	1.09	0.35	3	5.85	0.40	0.23
	3	10	11.15	1.08	0.34	10	10.85	0.97	0.31	10	10.70	1.27	0.40	3	10.90	0.23	0.13
	4	10	15.45	1.52	0.48	10	15.35	1.47	0.47	9	15.22	1.33	0.44	3	15.34	0.11	0.07
	5	10	21.45	1.76	0.56	10	21.55	1.26	0.40	10	21.55	2.06	0.65	3	21.52	0.06	0.03
	9	10	13.90	8.18	2.59	10	10.85	9.15	2.89	10	10.50	9.24	2.92	3	11.75	1.87	1.08
90-Minute	1	9	2.11	0.65	0.22	9	2.42	0.68	0.23	8	2.25	0.85	0.30	3	2.26	0.15	0.09
	2	8	6.06	1.12	0.39	10	5.50	0.82	0.26	10	5.95	0.98	0.31	3	5.84	0.30	0.17
	3	9	11.33	1.09	0.36	8	10.31	1.00	0.35	10	10.40	0.97	0.31	3	10.68	0.57	0.33
	4	10	15.95	1.32	0.42	10	15.55	1.52	0.48	10	14.65	0.88	0.28	3	15.38	0.67	0.38
	5	10	21.32	1.76	0.56	10	21.90	1.17	0.37	10	20.70	2.08	0.66	3	21.31	0.60	0.35
	9	10	14.50	7.81	2.47	10	14.40	6.48	2.05	10	7.45	6.70	2.12	3	12.12	4.04	2.33
300-Minute	1	6	2.25	0.69	0.28	7	2.14	0.63	0.24	6	2.25	0.52	0.21	3	2.21	0.06	0.04
	2	10	5.42	0.88	0.28	10	5.67	0.82	0.26	8	6.19	0.92	0.33	3	5.76	0.39	0.22
	3	10	10.25	1.42	0.45	10	10.25	0.92	0.29	10	10.85	1.33	0.42	3	10.45	0.35	0.20
	4	9	15.17	1.09	0.36	10	15.05	0.76	0.24	10	14.90	1.17	0.37	3	15.04	0.13	0.08
	5	10	20.95	2.28	0.72	10	21.60	1.98	0.63	10	20.95	2.30	0.73	3	21.17	0.38	0.22
	9	10	10.55	7.34	2.32	10	15.30	3.53	1.12	10	13.45	8.06	2.55	3	13.10	2.39	1.38
600-Minute	1	6	2.42	0.80	0.33	7	2.36	0.69	0.26	8	2.37	0.69	0.25	3	2.38	0.03	0.02
	2	9	6.33	1.25	0.42	9	5.44	1.04	0.35	10	5.55	0.83	0.26	3	5.78	0.49	0.28
	3	9	10.89	1.19	0.40	10	10.85	0.94	0.30	10	10.70	1.21	0.38	3	10.81	0.10	0.06
	4	10	15.60	1.41	0.45	10	15.65	1.31	0.42	8	15.62	1.30	0.46	3	15.62	0.02	0.01
	5	10	21.30	1.77	0.56	10	21.55	1.89	0.60	10	21.35	0.97	0.31	3	21.40	0.13	0.08
	9	10	12.60	5.81	1.84	10	14.55	6.08	1.92	10	4.30	3.34	1.06	3	10.48	5.44	3.14

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.72	0.62	0.21	9	2.89	0.74	0.25	9	2.67	0.87	0.29	3	2.76	0.12	0.07
	2	10	6.25	0.98	0.31	9	5.89	0.96	0.32	10	6.70	0.86	0.27	3	6.28	0.41	0.23
	3	10	10.35	1.25	0.39	10	10.80	1.51	0.48	10	10.95	0.86	0.27	3	10.70	0.31	0.18
	4	10	15.20	1.42	0.45	10	16.05	1.30	0.41	10	15.55	1.44	0.46	3	15.60	0.43	0.25
	5	10	20.25	1.14	0.36	10	21.70	1.78	0.56	10	21.35	1.90	0.60	3	21.10	0.76	0.44
	9	10	8.55	7.25	2.29	10	9.35	5.04	1.59	10	8.65	5.85	1.85	3	8.85	0.44	0.25
30-Minute	1	9	2.50	0.90	0.30	9	2.56	0.81	0.27	8	2.56	0.78	0.27	3	2.54	0.03	0.02
	2	9	5.44	0.98	0.33	10	5.90	0.88	0.28	10	6.15	1.18	0.37	3	5.83	0.36	0.21
	3	10	11.30	0.86	0.27	10	11.35	1.20	0.38	10	10.75	0.98	0.31	3	11.13	0.33	0.19
	4	10	15.10	1.26	0.40	10	15.35	1.43	0.45	10	15.75	1.48	0.47	3	15.40	0.33	0.19
	5	10	21.75	2.03	0.64	10	21.95	2.25	0.71	10	20.50	1.62	0.51	3	21.40	0.79	0.45
	9	10	4.85	4.03	1.28	10	12.45	8.17	2.58	10	7.50	5.48	1.73	3	8.27	3.86	2.23
90-Minute	1	8	2.44	0.82	0.29	10	2.15	0.82	0.26	7	2.50	0.71	0.27	3	2.36	0.19	0.11
	2	9	6.11	1.05	0.35	10	6.20	0.75	0.24	9	5.72	1.00	0.33	3	6.01	0.25	0.15
	3	10	10.85	1.11	0.35	10	10.95	0.90	0.28	10	10.75	1.14	0.36	3	10.85	0.10	0.06
	4	10	15.25	1.16	0.37	10	15.90	1.43	0.45	10	14.90	1.45	0.46	3	15.35	0.51	0.29
	5	10	20.65	1.89	0.60	10	21.40	1.35	0.43	10	20.70	1.70	0.54	3	20.92	0.42	0.24
	9	10	8.00	6.33	2.00	10	9.10	7.16	2.26	10	8.50	6.51	2.06	3	8.53	0.55	0.32
300-Minute	1	8	3.00	0.60	0.21	10	2.35	0.75	0.24	10	2.35	0.67	0.21	3	2.57	0.38	0.22
	2	9	6.22	1.03	0.34	10	5.45	0.60	0.19	10	5.65	0.85	0.27	3	5.77	0.40	0.23
	3	10	10.70	0.86	0.27	10	10.60	1.47	0.46	10	10.45	1.23	0.39	3	10.58	0.13	0.07
	4	10	15.45	1.79	0.56	10	15.45	1.30	0.41	10	15.85	1.55	0.49	3	15.58	0.23	0.13
	5	10	21.30	1.95	0.62	10	20.65	1.87	0.59	10	20.15	1.81	0.57	3	20.70	0.58	0.33
	9	10	11.95	6.09	1.93	10	10.60	7.50	2.37	10	10.90	7.30	2.31	3	11.15	0.71	0.41
600-Minute	1	8	2.19	0.46	0.16	8	2.25	0.85	0.30	9	2.33	0.71	0.24	3	2.26	0.07	0.04
	2	10	5.85	1.06	0.33	10	6.30	0.92	0.29	9	5.61	0.96	0.32	3	5.92	0.35	0.20
	3	10	10.05	1.59	0.50	10	10.40	0.94	0.30	10	10.90	0.88	0.28	3	10.45	0.43	0.25
	4	9	16.33	1.15	0.38	10	16.15	1.29	0.41	10	15.40	0.99	0.31	3	15.96	0.49	0.29
	5	10	21.05	1.67	0.53	10	20.20	1.01	0.32	10	20.45	1.59	0.50	3	20.57	0.44	0.25
	9	10	9.15	7.13	2.25	10	12.00	7.24	2.29	10	7.30	6.95	2.20	3	9.48	2.37	1.37

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.35	0.63	0.20	9	2.28	0.62	0.21	10	2.75	0.68	0.21	3	2.46	0.25	0.15
	2	10	6.25	1.09	0.34	10	5.40	1.02	0.32	9	5.89	0.70	0.23	3	5.85	0.43	0.25
	3	10	10.25	0.98	0.31	10	10.55	1.17	0.37	10	10.00	1.39	0.44	3	10.27	0.28	0.16
	4	10	15.05	0.86	0.27	10	15.00	1.58	0.50	10	14.80	1.34	0.42	3	14.95	0.13	0.08
	5	10	21.00	1.58	0.50	10	22.40	1.60	0.50	10	22.20	1.80	0.57	3	21.87	0.76	0.44
	9	10	4.25	5.59	1.77	10	7.90	5.44	1.72	10	9.85	7.58	2.40	3	7.33	2.84	1.64
30-Minute	1	10	2.15	0.58	0.18	9	2.17	0.35	0.12	9	2.50	0.50	0.17	3	2.27	0.20	0.11
	2	10	5.85	0.94	0.30	9	5.67	1.00	0.33	10	5.40	0.81	0.26	3	5.64	0.23	0.13
	3	10	10.55	0.93	0.29	10	11.20	1.23	0.39	10	9.95	1.17	0.37	3	10.57	0.63	0.36
	4	10	15.20	1.40	0.44	10	14.35	0.88	0.28	10	15.80	1.60	0.51	3	15.12	0.73	0.42
	5	10	21.45	2.27	0.72	10	22.05	1.61	0.51	10	22.00	1.67	0.53	3	21.83	0.33	0.19
	9	10	4.90	6.66	2.11	10	6.40	8.52	2.70	10	5.20	6.08	1.92	3	5.50	0.79	0.46
90-Minute	1	7	1.71	0.27	0.10	8	2.25	0.76	0.27	10	2.05	0.55	0.17	3	2.00	0.27	0.16
	2	10	5.75	1.06	0.34	8	6.00	0.85	0.30	9	5.67	1.17	0.39	3	5.81	0.17	0.10
	3	9	10.67	1.09	0.36	10	10.45	0.98	0.31	10	10.80	1.51	0.48	3	10.64	0.18	0.10
	4	10	15.90	1.02	0.32	10	16.10	1.39	0.44	10	16.20	1.25	0.40	3	16.07	0.15	0.09
	5	10	21.60	2.25	0.71	10	21.20	2.30	0.73	10	21.65	2.08	0.66	3	21.48	0.25	0.14
	9	10	8.10	8.28	2.62	10	8.15	8.74	2.76	10	5.05	6.67	2.11	3	7.10	1.78	1.03
300-Minute	1	9	2.33	0.94	0.31	10	2.25	0.54	0.17	10	2.05	0.55	0.17	3	2.21	0.15	0.08
	2	10	5.85	1.00	0.32	8	5.75	0.89	0.31	10	5.45	0.72	0.23	3	5.68	0.21	0.12
	3	10	10.75	1.06	0.34	10	10.20	1.44	0.45	10	11.00	1.11	0.35	3	10.65	0.41	0.24
	4	10	15.25	1.74	0.55	10	15.05	0.93	0.29	10	15.85	1.11	0.35	3	15.38	0.42	0.24
	5	10	21.35	1.76	0.56	10	21.35	1.51	0.48	10	21.45	1.85	0.58	3	21.38	0.06	0.03
	9	10	7.80	7.50	2.37	10	5.90	6.36	2.01	10	7.75	6.91	2.18	3	7.15	1.08	0.63
600-Minute	1	10	2.25	0.68	0.21	9	2.50	0.66	0.22	7	2.36	0.85	0.32	3	2.37	0.13	0.07
	2	8	5.94	0.94	0.33	9	5.83	0.94	0.31	10	5.20	0.54	0.17	3	5.66	0.40	0.23
	3	10	10.70	1.27	0.40	10	10.80	1.23	0.39	10	10.40	1.24	0.39	3	10.63	0.21	0.12
	4	10	15.92	1.08	0.34	10	14.95	0.69	0.22	10	15.40	1.26	0.40	3	15.42	0.49	0.28
	5	10	21.80	2.03	0.64	10	20.55	1.54	0.49	10	20.75	1.81	0.57	3	21.03	0.67	0.39
	9	10	4.35	6.76	2.14	10	8.55	8.48	2.68	10	4.35	3.81	1.20	3	5.75	2.42	1.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.54	0.17	9	2.06	0.73	0.24	10	2.55	0.60	0.19	3	2.27	0.25	0.15
	2	10	5.70	1.18	0.37	10	5.30	0.71	0.23	8	5.44	0.73	0.26	3	5.48	0.20	0.12
	3	10	11.20	0.86	0.27	9	10.06	1.01	0.34	10	10.80	1.18	0.37	3	10.69	0.58	0.34
	4	10	15.35	1.40	0.44	9	15.61	1.65	0.55	10	15.30	1.21	0.38	3	15.42	0.17	0.10
	5	10	21.45	1.26	0.40	10	21.00	1.49	0.47	10	21.85	1.33	0.42	3	21.43	0.43	0.25
	9	10	3.90	5.68	1.79	10	6.50	5.85	1.85	10	6.50	6.31	2.00	3	5.63	1.50	0.87
30-Minute	1	9	1.78	0.44	0.15	9	2.28	0.62	0.21	8	2.31	0.59	0.21	3	2.12	0.30	0.17
	2	9	5.89	0.89	0.30	7	5.64	0.99	0.37	9	5.72	1.03	0.34	3	5.75	0.13	0.07
	3	10	10.45	1.26	0.40	9	11.06	1.10	0.37	10	10.10	1.51	0.48	3	10.54	0.48	0.28
	4	10	15.40	1.10	0.35	10	14.55	1.28	0.40	10	15.20	1.32	0.42	3	15.05	0.44	0.26
	5	10	20.85	1.78	0.56	10	21.65	2.03	0.64	10	21.25	1.83	0.58	3	21.25	0.40	0.23
	9	10	4.10	4.88	1.54	10	4.15	5.04	1.59	10	7.45	7.29	2.30	3	5.23	1.92	1.11
90-Minute	1	9	2.06	0.53	0.18	6	2.67	0.68	0.28	10	2.35	0.75	0.24	3	2.36	0.31	0.18
	2	9	5.83	1.06	0.35	9	6.22	0.75	0.25	10	5.80	0.75	0.24	3	5.95	0.23	0.14
	3	9	11.17	1.06	0.35	10	10.55	1.23	0.39	10	10.35	1.51	0.48	3	10.69	0.43	0.25
	4	10	15.30	0.98	0.31	10	15.35	1.03	0.33	10	15.20	1.48	0.47	3	15.28	0.08	0.04
	5	10	21.65	1.20	0.38	10	21.35	1.49	0.47	10	20.85	1.76	0.56	3	21.28	0.40	0.23
	9	10	3.50	3.43	1.09	10	9.90	7.11	2.25	10	4.90	5.71	1.81	3	6.10	3.36	1.94
300-Minute	1	9	2.39	0.82	0.27	10	2.00	0.47	0.15	9	2.11	0.78	0.26	3	2.17	0.20	0.12
	2	9	5.61	1.27	0.42	9	5.94	0.98	0.33	9	5.61	0.89	0.30	3	5.72	0.19	0.11
	3	10	11.20	1.18	0.37	10	10.80	1.34	0.42	10	11.05	1.07	0.34	3	11.02	0.20	0.12
	4	10	15.55	1.42	0.45	9	15.44	0.95	0.32	10	15.15	1.16	0.37	3	15.38	0.21	0.12
	5	10	21.00	2.16	0.68	10	20.35	1.20	0.38	10	21.55	2.17	0.68	3	20.97	0.60	0.35
	9	10	6.70	8.37	2.65	10	6.75	7.47	2.36	10	4.70	4.24	1.34	3	6.05	1.17	0.68
600-Minute	1	9	2.44	0.85	0.28	9	2.50	0.61	0.20	10	2.10	0.66	0.21	3	2.35	0.22	0.13
	2	8	6.44	0.68	0.24	9	5.44	0.77	0.26	9	5.72	0.71	0.24	3	5.87	0.51	0.30
	3	10	10.50	1.08	0.34	10	10.95	1.09	0.35	9	10.19	1.16	0.39	3	10.55	0.38	0.22
	4	10	16.05	1.48	0.47	10	15.75	1.16	0.37	10	15.90	1.29	0.41	3	15.90	0.15	0.09
	5	10	20.85	1.81	0.57	10	20.20	1.11	0.35	10	20.95	1.96	0.62	3	20.67	0.41	0.24
	9	10	8.15	6.99	2.21	10	10.40	8.10	2.56	10	3.75	3.64	1.15	3	7.43	3.38	1.95

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	39.82	75.05	23.73	10	23.97	11.72	3.71	10	30.11	40.48	12.80	3	31.30	7.99	4.61
	2	10	22.65	26.96	8.53	10	19.91	5.88	1.86	10	20.60	17.10	5.41	3	21.05	1.42	0.82
	3	10	27.72	13.72	4.34	10	23.68	7.23	2.29	10	22.68	8.99	2.84	3	24.69	2.66	1.54
	4	10	28.36	9.96	3.15	10	33.12	9.10	2.88	10	32.07	16.11	5.10	3	31.19	2.50	1.44
	5	10	34.70	10.35	3.27	10	60.66	20.91	6.61	10	48.79	21.96	6.95	3	48.05	12.99	7.50
	6	10	19.46	8.38	2.65	10	33.69	9.70	3.07	10	31.39	11.93	3.77	3	28.18	7.64	4.41
	7	10	107.33	53.04	16.77	10	157.27	36.80	11.64	10	125.01	33.94	10.73	3	129.87	25.32	14.62
	8	10	1.86	1.80	0.57	10	2.52	0.87	0.28	10	1.85	0.67	0.21	3	2.08	0.38	0.22
	9	10	153.25	108.82	34.41	10	161.34	30.60	9.68	10	154.26	62.95	19.91	3	156.28	4.41	2.54
30-Minute	1	10	21.05	13.88	4.39	10	20.49	9.46	2.99	10	20.20	12.17	3.85	3	20.58	0.43	0.25
	2	10	14.47	4.44	1.41	10	15.30	4.67	1.48	10	12.23	6.09	1.93	3	14.00	1.59	0.92
	3	10	21.85	7.24	2.29	10	17.12	4.29	1.36	10	19.60	12.52	3.96	3	19.52	2.36	1.36
	4	10	24.82	7.82	2.47	10	22.46	13.06	4.13	10	16.46	10.87	3.44	3	21.25	4.31	2.49
	5	10	34.29	8.55	2.70	10	29.78	17.70	5.60	10	32.84	16.79	5.31	3	32.30	2.30	1.33
	6	10	20.18	8.45	2.67	10	20.14	7.47	2.36	10	17.21	9.12	2.88	3	19.18	1.70	0.98
	7	10	92.35	27.24	8.61	10	89.75	42.58	13.46	10	84.05	51.24	16.20	3	88.72	4.25	2.45
	8	10	1.51	0.86	0.27	10	1.30	0.93	0.30	10	1.73	1.65	0.52	3	1.51	0.22	0.12
	9	10	116.48	18.54	5.86	10	105.16	33.31	10.53	10	101.33	47.61	15.06	3	107.65	7.88	4.55
90-Minute	1	10	31.03	25.22	7.97	10	15.36	7.70	2.44	10	27.71	10.07	3.19	3	24.70	8.26	4.77
	2	10	14.90	4.30	1.36	10	11.39	4.35	1.37	10	11.75	4.07	1.29	3	12.68	1.93	1.12
	3	10	21.97	7.83	2.48	10	19.94	8.87	2.81	10	15.11	4.62	1.46	3	19.01	3.52	2.03
	4	10	27.28	11.02	3.48	10	24.86	10.01	3.17	10	16.65	6.91	2.19	3	22.93	5.57	3.22
	5	10	44.72	21.14	6.69	10	34.63	15.65	4.95	10	22.03	7.46	2.36	3	33.79	11.37	6.56
	6	10	31.68	14.28	4.52	10	26.01	9.66	3.05	10	15.18	7.33	2.32	3	24.29	8.38	4.84
	7	10	132.96	51.52	16.29	10	101.24	34.80	11.00	10	60.67	24.23	7.66	3	98.29	36.24	20.92
	8	10	2.50	1.62	0.51	10	1.80	0.68	0.21	10	1.16	0.99	0.31	3	1.82	0.67	0.39
	9	10	139.90	35.32	11.17	10	106.18	31.21	9.87	10	93.25	14.55	4.60	3	113.11	24.09	13.91
300-Minute	1	10	23.06	13.79	4.36	10	20.62	7.38	2.33	10	20.65	7.27	2.30	3	21.44	1.40	0.81
	2	10	13.24	4.70	1.49	10	17.16	6.33	2.00	10	12.87	4.11	1.30	3	14.42	2.38	1.38
	3	10	20.65	8.99	2.84	10	23.72	9.21	2.91	10	24.38	11.97	3.79	3	22.92	1.99	1.15
	4	10	20.67	9.79	3.10	10	36.19	11.76	3.72	10	31.72	14.24	4.50	3	29.53	7.99	4.61
	5	10	33.17	16.25	5.14	10	38.63	9.87	3.12	10	38.88	12.40	3.92	3	36.90	3.23	1.86
	6	10	20.62	10.86	3.44	10	28.86	8.43	2.66	10	33.90	14.87	4.70	3	27.79	6.70	3.87
	7	10	85.66	45.65	14.43	10	119.81	17.46	5.52	10	136.04	50.03	15.82	3	113.84	25.71	14.84
	8	10	1.10	0.84	0.27	10	1.84	0.72	0.23	10	1.92	0.95	0.30	3	1.62	0.45	0.26
	9	10	110.79	33.16	10.48	10	136.34	28.79	9.11	10	128.50	29.10	9.20	3	125.21	13.09	7.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	22.32	13.50	4.27	10	19.79	9.30	2.94	10	52.13	40.37	12.77	3	31.41	17.99	10.38
	2	10	16.12	10.74	3.40	10	16.34	6.21	1.96	10	19.58	18.29	5.78	3	17.34	1.94	1.12
	3	10	17.28	13.38	4.23	10	21.56	8.07	2.55	10	20.45	15.12	4.78	3	19.76	2.22	1.28
	4	10	17.28	13.49	4.27	10	30.22	17.71	5.60	10	15.78	7.69	2.43	3	21.09	7.94	4.59
	5	10	28.11	29.54	9.34	10	37.68	13.19	4.17	10	16.87	9.39	2.97	3	27.55	10.42	6.01
	6	10	14.27	12.33	3.90	10	27.21	5.15	1.63	10	12.91	10.94	3.46	3	18.13	7.89	4.56
	7	10	69.61	81.69	25.83	10	118.96	31.60	9.99	10	44.60	44.09	13.94	3	77.72	37.84	21.85
	8	10	1.56	2.35	0.74	10	2.49	1.34	0.42	10	1.10	1.68	0.53	3	1.71	0.71	0.41
	9	10	101.10	66.58	21.05	10	125.59	37.32	11.80	10	124.81	65.13	20.60	3	117.17	13.92	8.04

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	14.14	13.07	4.13	10	11.11	3.31	1.05	10	12.33	6.04	1.91	3	12.53	1.52	0.88
	2	10	11.34	6.30	1.99	10	10.34	2.95	0.93	10	10.75	3.37	1.07	3	10.81	0.50	0.29
	3	10	13.96	7.73	2.44	10	17.36	2.98	0.94	10	17.63	9.10	2.88	3	16.32	2.04	1.18
	4	10	12.38	4.41	1.39	10	12.65	7.80	2.47	10	14.37	5.83	1.84	3	13.14	1.08	0.62
	5	10	9.92	2.00	0.63	10	14.64	3.56	1.13	10	16.32	7.34	2.32	3	13.62	3.32	1.91
	6	10	5.34	1.63	0.52	10	7.62	2.46	0.78	10	9.58	6.04	1.91	3	7.51	2.12	1.22
	7	10	17.50	5.89	1.86	10	35.45	16.81	5.32	10	31.86	17.17	5.43	3	28.27	9.50	5.48
	8	10	0.24	0.17	0.05	10	0.51	0.31	0.10	10	0.54	0.44	0.14	3	0.43	0.16	0.09
	9	10	61.74	22.85	7.22	10	66.10	12.17	3.85	10	71.39	19.08	6.03	3	66.41	4.83	2.79
30-Minute	1	10	13.44	8.91	2.82	10	13.55	5.23	1.65	10	17.29	8.28	2.62	3	14.76	2.19	1.27
	2	10	9.18	2.97	0.94	10	9.56	6.23	1.97	10	11.28	4.93	1.56	3	10.01	1.12	0.65
	3	10	13.26	8.15	2.58	10	15.84	9.78	3.09	10	16.83	7.49	2.37	3	15.31	1.85	1.07
	4	10	9.90	4.80	1.52	10	13.53	3.52	1.11	10	15.27	6.65	2.10	3	12.90	2.74	1.58
	5	10	10.62	2.46	0.78	10	14.17	13.08	4.14	10	19.51	11.10	3.51	3	14.77	4.47	2.58
	6	10	3.90	1.41	0.45	10	9.18	7.29	2.30	10	11.78	6.30	1.99	3	8.29	4.02	2.32
	7	10	17.52	3.78	1.19	10	29.61	29.71	9.39	10	45.47	29.62	9.37	3	30.87	14.02	8.09
	8	10	0.23	0.14	0.04	10	0.44	0.55	0.17	10	0.56	0.56	0.18	3	0.41	0.17	0.10
	9	10	56.40	18.17	5.74	10	66.65	25.99	8.22	10	80.18	29.31	9.27	3	67.74	11.93	6.89
90-Minute	1	10	16.56	7.19	2.28	10	12.08	4.91	1.55	10	16.81	7.80	2.47	3	15.15	2.66	1.54
	2	10	12.20	7.83	2.48	10	9.85	3.84	1.22	10	9.25	4.42	1.40	3	10.43	1.56	0.90
	3	10	19.63	5.84	1.85	10	17.53	6.84	2.16	10	16.46	8.17	2.58	3	17.87	1.61	0.93
	4	10	14.61	5.24	1.66	10	15.27	8.93	2.82	10	10.93	4.25	1.35	3	13.60	2.34	1.35
	5	10	17.62	8.76	2.77	10	16.30	9.34	2.95	10	12.97	6.48	2.05	3	15.63	2.40	1.38
	6	10	10.91	8.66	2.74	10	10.89	9.90	3.13	10	6.77	4.26	1.35	3	9.53	2.38	1.38
	7	10	40.07	36.48	11.53	10	39.03	32.66	10.33	10	26.89	22.24	7.03	3	35.33	7.33	4.23
	8	10	0.52	0.50	0.16	10	0.73	0.72	0.23	10	0.41	0.33	0.11	3	0.55	0.16	0.09
	9	10	80.62	24.92	7.88	10	71.02	24.99	7.90	10	66.42	20.87	6.60	3	72.69	7.24	4.18
300-Minute	1	10	23.87	14.66	4.63	10	21.99	11.07	3.50	10	13.83	7.20	2.28	3	19.90	5.34	3.08
	2	10	12.46	9.61	3.04	10	17.55	5.03	1.59	10	9.67	2.73	0.86	3	13.22	3.99	2.31
	3	10	14.51	5.95	1.88	10	25.11	4.84	1.53	10	18.02	5.43	1.72	3	19.21	5.40	3.12
	4	10	11.69	5.23	1.65	10	21.95	9.20	2.91	10	15.49	4.84	1.53	3	16.38	5.18	2.99
	5	10	14.39	6.45	2.04	10	36.88	17.42	5.51	10	17.93	9.31	2.95	3	23.07	12.09	6.98
	6	10	7.74	7.09	2.24	10	19.00	5.33	1.69	10	10.02	7.26	2.30	3	12.25	5.95	3.44
	7	10	25.68	21.79	6.89	10	88.64	16.10	5.09	10	36.92	28.84	9.12	3	50.42	33.58	19.39
	8	10	0.32	0.26	0.08	10	1.49	0.56	0.18	10	0.61	0.37	0.12	3	0.81	0.61	0.35
	9	10	76.92	30.75	9.72	10	123.47	23.41	7.40	10	74.95	16.79	5.31	3	91.78	27.47	15.86

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	16.07	13.98	4.42	10	14.99	5.47	1.73	10	24.96	22.28	7.04	3	18.67	5.47	3.16
	2	10	12.88	9.28	2.93	10	13.81	6.11	1.93	10	13.20	9.24	2.92	3	13.30	0.48	0.27
	3	10	11.86	8.10	2.56	10	19.39	6.59	2.08	10	16.90	15.39	4.87	3	16.05	3.84	2.22
	4	10	13.59	15.05	4.76	10	16.04	5.19	1.64	10	14.18	20.57	6.50	3	14.60	1.28	0.74
	5	10	18.77	24.68	7.81	10	26.54	6.82	2.16	10	9.21	7.58	2.40	3	18.18	8.68	5.01
	6	10	11.64	18.74	5.93	10	16.03	5.28	1.67	10	8.02	15.55	4.92	3	11.90	4.01	2.32
	7	10	47.20	77.02	24.35	10	77.08	29.72	9.40	10	29.86	56.75	17.95	3	51.38	23.88	13.79
	8	10	0.69	1.24	0.39	10	1.29	0.72	0.23	10	0.54	1.24	0.39	3	0.84	0.40	0.23
	9	10	73.16	51.93	16.42	10	90.78	19.26	6.09	10	78.44	55.76	17.63	3	80.79	9.04	5.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	55.14	31.13	9.84	10	38.55	19.68	6.22	10	44.70	27.32	8.64	3	46.13	8.39	4.84
	2	10	30.65	13.34	4.22	10	39.42	26.77	8.47	10	37.96	21.21	6.71	3	36.01	4.70	2.71
	3	10	39.78	18.13	5.73	10	42.16	16.82	5.32	10	40.09	15.33	4.85	3	40.68	1.29	0.74
	4	10	25.59	7.91	2.50	10	31.29	14.52	4.59	10	29.48	12.50	3.95	3	28.79	2.91	1.68
	5	10	31.74	15.97	5.05	10	43.43	11.50	3.64	10	48.31	18.79	5.94	3	41.16	8.51	4.92
	6	10	19.34	11.83	3.74	10	29.01	9.30	2.94	10	32.58	16.47	5.21	3	26.98	6.85	3.95
	7	10	80.54	39.48	12.49	10	126.62	27.27	8.62	10	111.12	41.75	13.20	3	106.09	23.45	13.54
	8	10	0.99	0.52	0.16	10	1.85	1.21	0.38	10	1.65	0.51	0.16	3	1.50	0.45	0.26
	9	10	182.90	54.81	17.33	10	194.85	49.68	15.71	10	200.55	30.75	9.73	3	192.77	9.01	5.20
30-Minute	1	10	46.04	29.97	9.48	10	62.14	29.78	9.42	10	73.82	46.84	14.81	3	60.67	13.95	8.05
	2	10	21.47	13.30	4.21	10	34.32	23.07	7.30	10	43.49	24.23	7.66	3	33.09	11.06	6.39
	3	10	23.32	18.81	5.95	10	30.77	10.63	3.36	10	33.51	9.83	3.11	3	29.20	5.27	3.04
	4	10	15.96	5.01	1.59	10	28.33	12.78	4.04	10	25.25	8.70	2.75	3	23.18	6.44	3.72
	5	10	28.06	7.00	2.21	10	37.85	20.99	6.64	10	51.98	28.37	8.97	3	39.30	12.03	6.94
	6	10	13.28	4.90	1.55	10	21.07	12.60	3.99	10	25.88	14.58	4.61	3	20.08	6.36	3.67
	7	10	64.43	11.98	3.79	10	84.71	37.27	11.79	10	121.69	40.32	12.75	3	90.28	29.03	16.76
	8	10	1.00	0.34	0.11	10	1.25	0.84	0.26	10	1.26	0.74	0.23	3	1.17	0.15	0.09
	9	10	134.86	53.34	16.87	10	193.41	49.85	15.77	10	228.06	69.06	21.84	3	185.44	47.11	27.20
90-Minute	1	10	74.03	34.68	10.97	10	47.43	33.52	10.60	10	60.30	22.91	7.25	3	60.59	13.30	7.68
	2	10	46.33	23.09	7.30	10	29.50	9.62	3.04	10	32.24	11.70	3.70	3	36.02	9.03	5.21
	3	10	46.46	17.61	5.57	10	29.77	11.75	3.72	10	37.11	27.33	8.64	3	37.78	8.36	4.83
	4	10	25.22	10.32	3.26	10	26.14	7.19	2.27	10	23.19	6.44	2.04	3	24.85	1.51	0.87
	5	10	56.72	26.39	8.34	10	44.37	15.40	4.87	10	31.64	18.42	5.83	3	44.24	12.54	7.24
	6	10	32.40	21.29	6.73	10	26.85	10.17	3.22	10	19.43	4.85	1.53	3	26.23	6.51	3.76
	7	10	140.86	41.31	13.06	10	103.12	33.98	10.75	10	80.86	26.29	8.31	3	108.28	30.33	17.51
	8	10	2.28	1.25	0.40	10	1.51	0.80	0.25	10	0.92	0.50	0.16	3	1.57	0.68	0.39
	9	10	248.76	69.39	21.94	10	177.21	48.79	15.43	10	184.48	48.50	15.34	3	203.48	39.38	22.73
300-Minute	1	10	35.06	15.92	5.03	10	60.38	29.08	9.20	10	54.57	30.05	9.50	3	50.00	13.26	7.65
	2	10	23.65	7.81	2.47	10	39.69	20.89	6.61	10	34.33	20.38	6.44	3	32.56	8.17	4.71
	3	10	31.40	13.80	4.37	10	50.87	18.73	5.92	10	42.17	25.84	8.17	3	41.48	9.75	5.63
	4	10	25.64	10.30	3.26	10	36.85	13.80	4.36	10	36.04	17.54	5.55	3	32.84	6.25	3.61
	5	10	36.43	15.35	4.86	10	45.48	8.86	2.80	10	48.06	13.88	4.39	3	43.32	6.10	3.52
	6	10	22.45	10.31	3.26	10	25.17	6.76	2.14	10	29.45	18.08	5.72	3	25.69	3.53	2.04
	7	10	85.43	37.40	11.83	10	110.94	19.64	6.21	10	124.40	43.68	13.81	3	106.92	19.79	11.43
	8	10	1.35	1.11	0.35	10	1.31	0.46	0.15	10	2.13	0.87	0.28	3	1.60	0.46	0.27
	9	10	152.20	34.61	10.95	10	233.26	61.04	19.30	10	215.17	72.46	22.91	3	200.21	42.55	24.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	46.23	28.07	8.88	10	45.55	24.05	7.61	10	55.84	29.08	9.20	3	49.21	5.76	3.32
	2	10	18.95	14.72	4.66	10	17.95	7.42	2.35	10	31.32	13.89	4.39	3	22.74	7.45	4.30
	3	10	27.13	27.37	8.66	10	31.16	13.77	4.35	10	31.39	23.67	7.49	3	29.89	2.40	1.38
	4	10	16.29	10.52	3.33	10	27.20	9.00	2.85	10	19.52	10.15	3.21	3	21.00	5.60	3.24
	5	10	36.43	31.53	9.97	10	48.17	13.44	4.25	10	20.16	9.96	3.15	3	34.92	14.07	8.12
	6	10	16.91	12.95	4.10	10	29.99	5.86	1.85	10	18.76	19.72	6.24	3	21.88	7.08	4.09
	7	10	61.40	48.70	15.40	10	143.40	26.16	8.27	10	59.66	41.14	13.01	3	88.15	47.85	27.63
	8	10	1.00	1.21	0.38	10	1.46	0.64	0.20	10	0.75	0.40	0.13	3	1.07	0.36	0.21
	9	10	145.03	96.06	30.38	10	170.02	49.49	15.65	10	158.23	59.83	18.92	3	157.76	12.50	7.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	83.74	70.56	22.31	10	42.76	19.74	6.24	10	69.34	52.18	16.50	3	65.28	20.79	12.00
	2	10	41.61	14.91	4.71	10	48.33	26.80	8.48	10	49.71	30.52	9.65	3	46.55	4.33	2.50
	3	10	45.42	16.43	5.20	10	44.41	16.40	5.19	10	38.40	14.70	4.65	3	42.74	3.79	2.19
	4	10	28.73	9.24	2.92	10	30.19	9.08	2.87	10	30.98	10.77	3.41	3	29.97	1.14	0.66
	5	10	35.77	12.59	3.98	10	53.19	23.67	7.49	10	41.69	13.03	4.12	3	43.55	8.86	5.11
	6	10	15.95	7.48	2.37	10	20.57	4.96	1.57	10	19.22	7.75	2.45	3	18.58	2.37	1.37
	7	10	62.49	21.57	6.82	10	90.40	20.37	6.44	10	79.68	21.07	6.66	3	77.52	14.08	8.13
	8	10	0.91	0.86	0.27	10	1.48	1.03	0.32	10	1.10	0.40	0.13	3	1.16	0.29	0.17
	9	10	235.26	92.15	29.14	10	218.87	49.55	15.67	10	230.12	63.92	20.21	3	228.09	8.38	4.84
30-Minute	1	10	49.66	26.09	8.25	10	72.02	31.58	9.99	10	69.89	33.62	10.63	3	63.85	12.34	7.12
	2	10	29.52	14.16	4.48	10	43.44	30.41	9.62	10	37.65	22.39	7.08	3	36.87	7.00	4.04
	3	10	29.86	14.46	4.57	10	27.95	11.58	3.66	10	34.50	11.25	3.56	3	30.77	3.37	1.94
	4	10	24.29	6.42	2.03	10	23.89	4.34	1.37	10	26.17	10.25	3.24	3	24.79	1.21	0.70
	5	10	21.34	8.89	2.81	10	31.23	10.74	3.40	10	44.03	19.99	6.32	3	32.20	11.38	6.57
	6	10	16.61	3.58	1.13	10	17.41	7.58	2.40	10	24.55	7.05	2.23	3	19.52	4.37	2.53
	7	10	47.85	15.85	5.01	10	66.22	41.64	13.17	10	90.47	36.70	11.60	3	68.18	21.38	12.34
	8	10	0.73	0.31	0.10	10	0.87	0.60	0.19	10	1.77	1.09	0.35	3	1.12	0.56	0.33
	9	10	154.67	55.13	17.44	10	198.53	55.60	17.58	10	212.24	35.15	11.12	3	188.48	30.07	17.36
90-Minute	1	10	94.77	50.13	15.85	10	58.20	43.11	13.63	10	79.23	34.72	10.98	3	77.40	18.35	10.59
	2	10	41.51	17.12	5.41	10	32.46	12.74	4.03	10	38.84	15.95	5.04	3	37.60	4.65	2.68
	3	10	56.38	27.47	8.69	10	37.79	15.50	4.90	10	41.03	25.74	8.14	3	45.07	9.93	5.73
	4	10	28.55	8.80	2.78	10	28.92	10.25	3.24	10	22.08	7.09	2.24	3	26.52	3.85	2.22
	5	10	35.27	13.26	4.19	10	44.34	18.03	5.70	10	30.69	18.46	5.84	3	36.76	6.95	4.01
	6	10	23.84	10.46	3.31	10	25.69	13.22	4.18	10	16.37	5.75	1.82	3	21.97	4.94	2.85
	7	10	88.66	35.18	11.13	10	86.79	30.53	9.65	10	59.62	19.38	6.13	3	78.36	16.25	9.38
	8	10	1.29	0.64	0.20	10	1.18	0.99	0.31	10	0.85	0.70	0.22	3	1.11	0.23	0.13
	9	10	256.47	77.34	24.46	10	201.72	60.80	19.23	10	211.87	49.89	15.78	3	223.35	29.13	16.82
300-Minute	1	10	45.60	21.29	6.73	10	61.59	34.01	10.75	10	77.60	46.78	14.79	3	61.59	16.00	9.24
	2	10	29.78	8.24	2.60	10	42.81	15.03	4.75	10	43.36	22.25	7.04	3	38.65	7.69	4.44
	3	10	32.46	12.56	3.97	10	54.66	22.09	6.98	10	48.88	25.44	8.05	3	45.34	11.52	6.65
	4	10	27.40	10.73	3.39	10	42.73	16.47	5.21	10	24.64	6.28	1.99	3	31.59	9.75	5.63
	5	10	42.64	16.02	5.07	10	64.03	16.70	5.28	10	57.79	14.55	4.60	3	54.82	11.00	6.35
	6	10	21.51	8.67	2.74	10	32.57	9.65	3.05	10	24.65	7.79	2.46	3	26.24	5.70	3.29
	7	10	89.07	30.56	9.66	10	150.08	32.24	10.19	10	96.06	16.56	5.24	3	111.74	33.39	19.28
	8	10	0.91	0.67	0.21	10	1.91	0.86	0.27	10	1.41	0.71	0.22	3	1.41	0.50	0.29
	9	10	177.88	36.18	11.44	10	265.82	62.83	19.87	10	252.26	72.74	23.00	3	231.99	47.34	27.33

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	40.38	17.05	5.39	10	44.08	25.64	8.11	10	72.33	50.62	16.01	3	52.26	17.47	10.09
	2	10	25.80	14.05	4.44	10	21.76	7.87	2.49	10	34.86	20.70	6.55	3	27.48	6.71	3.87
	3	10	40.98	45.56	14.41	10	30.63	11.99	3.79	10	43.33	36.55	11.56	3	38.31	6.76	3.90
	4	10	25.18	14.91	4.72	10	32.61	15.10	4.77	10	28.52	13.01	4.11	3	28.77	3.72	2.15
	5	10	42.39	32.16	10.17	10	45.07	19.78	6.26	10	32.29	18.52	5.86	3	39.92	6.74	3.89
	6	10	24.54	17.92	5.67	10	27.43	11.38	3.60	10	26.67	27.75	8.78	3	26.22	1.50	0.86
	7	10	98.18	102.38	32.38	10	128.74	67.18	21.24	10	72.32	51.91	16.42	3	99.74	28.24	16.31
	8	10	2.09	3.48	1.10	10	1.76	0.94	0.30	10	1.57	2.06	0.65	3	1.80	0.27	0.15
	9	10	174.74	99.02	31.31	10	174.16	50.35	15.92	10	211.32	103.04	32.58	3	186.74	21.29	12.29

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	28.33	10.32	3.26	10	22.37	11.48	3.63	10	31.01	12.86	4.07	3	27.24	4.42	2.55
	2	10	22.28	16.87	5.33	10	16.81	5.93	1.87	10	13.43	5.60	1.77	3	17.51	4.47	2.58
	3	10	23.27	11.07	3.50	10	18.68	6.60	2.09	10	15.18	5.05	1.60	3	19.04	4.06	2.34
	4	10	12.17	4.27	1.35	10	15.80	5.95	1.88	10	17.76	6.01	1.90	3	15.24	2.84	1.64
	5	10	19.63	8.41	2.66	10	26.33	8.80	2.78	10	22.62	10.38	3.28	3	22.86	3.36	1.94
30-Minute	1	10	40.03	17.72	5.60	10	42.39	11.53	3.65	10	46.87	16.06	5.08	3	43.10	3.47	2.01
	2	10	14.24	4.89	1.55	10	13.34	5.93	1.88	10	19.25	7.54	2.38	3	15.61	3.18	1.84
	3	10	16.51	8.43	2.66	10	13.47	4.60	1.45	10	11.82	6.75	2.14	3	13.93	2.38	1.37
	4	10	12.92	4.65	1.47	10	15.40	5.89	1.86	10	10.32	4.38	1.38	3	12.88	2.54	1.47
	5	10	16.30	6.61	2.09	10	15.40	6.19	1.96	10	11.72	4.70	1.49	3	14.47	2.42	1.40
90-Minute	1	10	30.37	10.97	3.47	10	37.89	11.39	3.60	10	46.71	12.81	4.05	3	38.32	8.18	4.72
	2	10	15.39	8.15	2.58	10	13.05	6.26	1.98	10	15.87	9.56	3.02	3	14.77	1.51	0.87
	3	10	13.56	3.73	1.18	10	12.60	3.77	1.19	10	11.28	3.54	1.12	3	12.48	1.15	0.66
	4	10	16.14	8.26	2.61	10	13.60	5.07	1.60	10	12.16	4.13	1.31	3	13.97	2.01	1.16
	5	10	24.54	7.05	2.23	10	22.86	10.03	3.17	10	13.98	6.42	2.03	3	20.46	5.67	3.28
300-Minute	1	10	15.97	7.58	2.40	10	16.75	8.00	2.53	10	22.88	5.50	1.74	3	18.53	3.78	2.18
	2	10	7.73	3.05	0.97	10	9.14	3.27	1.04	10	11.48	2.73	0.86	3	9.45	1.89	1.09
	3	10	11.81	3.94	1.25	10	10.19	3.29	1.04	10	11.34	3.01	0.95	3	11.11	0.83	0.48
	4	10	34.53	10.55	3.34	10	27.91	9.89	3.13	10	23.73	6.54	2.07	3	28.73	5.44	3.14
	5	10	29.96	6.94	2.19	10	36.01	12.49	3.95	10	30.58	6.34	2.01	3	32.18	3.33	1.92
600-Minute	1	10	15.45	6.06	1.92	10	19.55	8.15	2.58	10	24.36	7.17	2.27	3	19.79	4.46	2.57
	2	10	8.48	2.27	0.72	10	17.80	8.33	2.63	10	13.57	6.93	2.19	3	13.28	4.67	2.70
	3	10	14.34	3.88	1.23	10	14.49	6.36	2.01	10	16.76	4.86	1.54	3	15.20	1.35	0.78
	4	10	27.83	5.90	1.87	10	19.21	8.87	2.80	10	18.55	7.24	2.29	3	21.86	5.17	2.99
	5	10	33.91	6.89	2.18	10	28.94	10.26	3.24	10	26.77	11.30	3.57	3	29.87	3.66	2.11

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	25.45	13.95	4.41	10	21.22	9.94	3.14	10	26.89	7.72	2.44	3	24.52	2.95	1.70
	2	10	19.46	14.00	4.43	10	16.00	6.18	1.95	10	15.94	6.92	2.19	3	17.13	2.01	1.16
	3	10	26.51	10.57	3.34	10	22.69	5.20	1.64	10	22.84	4.06	1.28	3	24.01	2.16	1.25
	4	10	15.08	5.38	1.70	10	16.22	6.45	2.04	10	18.01	5.40	1.71	3	16.44	1.48	0.85
	5	10	17.15	8.06	2.55	10	23.87	10.98	3.47	10	16.31	6.85	2.17	3	19.11	4.15	2.39
30-Minute	1	10	32.73	15.70	4.97	10	37.80	9.11	2.88	10	37.37	15.51	4.90	3	35.97	2.81	1.62
	2	10	14.80	6.29	1.99	10	15.91	4.97	1.57	10	22.85	7.12	2.25	3	17.85	4.36	2.52
	3	10	17.49	7.93	2.51	10	17.44	4.41	1.40	10	14.75	9.12	2.88	3	16.56	1.57	0.90
	4	10	14.53	2.95	0.93	10	16.82	3.12	0.99	10	12.91	3.48	1.10	3	14.76	1.96	1.13
	5	10	20.44	12.56	3.97	10	12.03	5.91	1.87	10	12.11	5.85	1.85	3	14.86	4.83	2.79
90-Minute	1	10	24.90	11.19	3.54	10	31.18	13.91	4.40	10	41.36	7.88	2.49	3	32.48	8.31	4.80
	2	10	12.99	4.78	1.51	10	13.56	6.66	2.10	10	17.36	4.88	1.54	3	14.64	2.37	1.37
	3	10	20.34	8.11	2.56	10	13.42	4.46	1.41	10	13.87	3.56	1.13	3	15.88	3.87	2.24
	4	10	14.16	5.14	1.62	10	16.20	6.63	2.10	10	13.04	5.49	1.74	3	14.47	1.60	0.92
	5	10	27.60	7.65	2.42	10	25.64	11.85	3.75	10	14.36	5.56	1.76	3	22.53	7.14	4.12
300-Minute	1	10	17.39	4.79	1.51	10	19.98	7.40	2.34	10	24.34	6.80	2.15	3	20.57	3.51	2.03
	2	10	9.28	2.83	0.89	10	8.45	4.12	1.30	10	12.28	4.79	1.52	3	10.01	2.02	1.16
	3	10	10.94	2.67	0.84	10	11.01	2.26	0.71	10	12.60	3.29	1.04	3	11.52	0.94	0.54
	4	10	31.05	9.73	3.08	10	25.38	7.29	2.31	10	21.86	5.33	1.69	3	26.09	4.63	2.68
	5	10	31.34	8.11	2.56	10	35.18	8.13	2.57	10	28.91	5.05	1.60	3	31.81	3.16	1.82
600-Minute	1	10	18.02	7.12	2.25	10	21.17	8.08	2.56	10	26.74	14.49	4.58	3	21.98	4.42	2.55
	2	10	9.44	2.47	0.78	10	17.18	7.47	2.36	10	12.32	3.53	1.12	3	12.98	3.91	2.26
	3	10	13.49	4.03	1.27	10	15.90	4.42	1.40	10	16.39	4.94	1.56	3	15.26	1.55	0.89
	4	10	25.73	6.12	1.93	10	18.49	7.15	2.26	10	17.50	6.86	2.17	3	20.57	4.49	2.59
	5	10	33.31	8.50	2.69	10	27.27	10.24	3.24	10	27.05	10.72	3.39	3	29.21	3.56	2.05

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	24.95	9.21	2.91	10	26.95	11.25	3.56	10	26.20	9.10	2.88	3	26.03	1.01	0.58
	2	10	20.14	12.57	3.98	10	19.28	6.07	1.92	10	19.79	6.35	2.01	3	19.74	0.43	0.25
	3	10	12.20	5.78	1.83	10	12.67	2.83	0.89	10	17.50	5.79	1.83	3	14.12	2.93	1.69
	4	10	15.70	5.32	1.68	10	13.34	4.72	1.49	10	12.61	4.82	1.52	3	13.88	1.62	0.93
	5	10	30.19	10.70	3.38	10	27.76	8.78	2.78	10	23.91	9.97	3.15	3	27.29	3.17	1.83
30-Minute	1	10	33.33	9.12	2.88	10	37.42	9.11	2.88	10	47.30	14.33	4.53	3	39.35	7.18	4.14
	2	10	17.75	9.08	2.87	10	13.18	5.81	1.84	10	12.03	4.32	1.37	3	14.32	3.03	1.75
	3	10	13.01	4.09	1.29	10	12.91	3.28	1.04	10	10.84	4.60	1.46	3	12.25	1.23	0.71
	4	10	11.48	4.82	1.52	10	15.98	3.87	1.22	10	12.82	5.75	1.82	3	13.43	2.31	1.33
	5	10	24.43	10.98	3.47	10	20.51	3.86	1.22	10	17.01	9.78	3.09	3	20.65	3.71	2.14
90-Minute	1	10	33.54	17.66	5.58	10	38.98	14.36	4.54	10	36.79	9.08	2.87	3	36.44	2.74	1.58
	2	10	13.15	5.23	1.65	10	12.03	6.10	1.93	10	18.34	6.53	2.06	3	14.51	3.37	1.94
	3	10	10.96	2.47	0.78	10	12.47	4.16	1.31	10	14.44	6.90	2.18	3	12.62	1.75	1.01
	4	10	14.79	7.79	2.46	10	18.84	7.94	2.51	10	13.31	4.44	1.41	3	15.65	2.86	1.65
	5	10	27.56	11.55	3.65	10	17.68	7.10	2.25	10	17.11	7.31	2.31	3	20.79	5.88	3.39
300-Minute	1	10	12.82	5.92	1.87	10	12.90	5.90	1.87	10	16.31	3.35	1.06	3	14.01	1.99	1.15
	2	10	5.91	2.90	0.92	10	7.32	3.11	0.98	10	9.51	2.58	0.82	3	7.58	1.81	1.05
	3	10	10.48	3.91	1.24	10	7.48	3.17	1.00	10	10.95	3.61	1.14	3	9.64	1.88	1.09
	4	10	36.20	11.43	3.61	10	33.11	10.24	3.24	10	26.87	7.95	2.51	3	32.06	4.75	2.74
	5	10	34.60	7.74	2.45	10	39.19	10.25	3.24	10	36.36	6.10	1.93	3	36.71	2.32	1.34
600-Minute	1	10	8.73	2.62	0.83	10	15.87	7.19	2.27	10	19.47	10.88	3.44	3	14.69	5.47	3.16
	2	10	7.66	2.29	0.72	10	14.09	7.66	2.42	10	11.90	7.05	2.23	3	11.22	3.27	1.89
	3	10	14.22	3.50	1.11	10	13.39	5.84	1.85	10	18.58	6.78	2.14	3	15.39	2.79	1.61
	4	10	29.90	8.14	2.57	10	21.08	9.70	3.07	10	19.48	6.61	2.09	3	23.49	5.62	3.24
	5	10	39.50	5.98	1.89	10	35.57	11.49	3.63	10	30.58	10.90	3.45	3	35.22	4.47	2.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	37.58	10.93	3.46	10	24.56	10.71	3.39	10	29.80	11.70	3.70	3	30.65	6.55	3.78
	2	10	26.39	14.34	4.53	10	19.42	4.26	1.35	10	20.91	7.64	2.42	3	22.24	3.67	2.12
	3	10	14.45	6.11	1.93	10	20.52	5.20	1.65	10	18.62	7.33	2.32	3	17.87	3.11	1.79
	4	10	11.70	2.13	0.67	10	13.75	6.83	2.16	10	11.11	4.39	1.39	3	12.19	1.39	0.80
	5	10	14.73	7.29	2.31	10	21.74	8.25	2.61	10	19.55	6.63	2.10	3	18.67	3.58	2.07
30-Minute	1	10	36.58	11.41	3.61	10	34.44	10.10	3.19	10	43.24	13.48	4.26	3	38.09	4.59	2.65
	2	10	20.94	8.89	2.81	10	18.96	9.25	2.92	10	21.59	9.04	2.86	3	20.50	1.37	0.79
	3	10	16.99	5.80	1.83	10	17.00	6.02	1.90	10	14.31	7.07	2.23	3	16.10	1.55	0.90
	4	10	9.92	2.88	0.91	10	12.68	3.42	1.08	10	9.33	3.28	1.04	3	10.64	1.79	1.03
	5	10	15.56	6.00	1.90	10	16.92	5.13	1.62	10	11.53	5.64	1.78	3	14.67	2.80	1.62
90-Minute	1	10	32.32	17.30	5.47	10	39.74	13.95	4.41	10	37.85	13.61	4.30	3	36.64	3.86	2.23
	2	10	14.22	4.46	1.41	10	15.03	6.34	2.00	10	19.94	8.97	2.84	3	16.40	3.09	1.79
	3	10	12.82	6.36	2.01	10	13.90	4.78	1.51	10	15.34	6.85	2.17	3	14.02	1.26	0.73
	4	10	16.96	5.53	1.75	10	12.19	4.79	1.52	10	10.41	4.15	1.31	3	13.19	3.38	1.95
	5	10	23.69	9.63	3.05	10	19.14	8.28	2.62	10	16.46	7.55	2.39	3	19.76	3.65	2.11
300-Minute	1	10	13.54	5.17	1.64	10	13.27	3.86	1.22	10	14.05	4.16	1.32	3	13.62	0.39	0.23
	2	10	6.81	2.52	0.80	10	6.21	2.79	0.88	10	10.23	4.11	1.30	3	7.75	2.17	1.25
	3	10	9.46	2.68	0.85	10	10.26	3.76	1.19	10	11.85	3.75	1.18	3	10.52	1.22	0.70
	4	10	32.61	10.17	3.22	10	30.61	10.34	3.27	10	27.94	9.00	2.85	3	30.39	2.34	1.35
	5	10	37.59	11.01	3.48	10	39.65	8.70	2.75	10	35.93	4.56	1.44	3	37.73	1.86	1.08
600-Minute	1	10	14.80	6.59	2.09	10	15.34	7.92	2.50	10	18.69	10.30	3.26	3	16.28	2.11	1.22
	2	10	8.39	2.78	0.88	10	11.45	4.91	1.55	10	11.77	6.11	1.93	3	10.54	1.87	1.08
	3	10	12.28	4.68	1.48	10	14.52	4.94	1.56	10	18.66	5.75	1.82	3	15.15	3.24	1.87
	4	10	26.91	6.85	2.17	10	21.56	6.63	2.10	10	19.98	7.04	2.23	3	22.82	3.63	2.10
	5	10	37.63	8.22	2.60	10	37.12	11.52	3.64	10	30.90	10.80	3.42	3	35.22	3.74	2.16

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.12	0.23	0.07	10	1.90	0.21	0.07	10	1.95	0.34	0.11	3	1.99	0.12	0.07
	2	10	5.35	1.25	0.40	10	6.08	0.34	0.11	10	5.48	0.30	0.10	3	5.64	0.39	0.22
	3	10	10.20	0.42	0.13	10	9.96	0.39	0.12	10	10.42	0.41	0.13	3	10.19	0.23	0.13
	4	10	15.15	0.35	0.11	10	15.44	0.37	0.12	10	15.28	0.45	0.14	3	15.29	0.15	0.08
	5	10	21.40	0.41	0.13	10	21.10	0.66	0.21	10	21.16	0.60	0.19	3	21.22	0.16	0.09
	9	10	9.97	1.85	0.59	10	11.29	1.94	0.61	10	10.42	2.39	0.76	3	10.56	0.67	0.39
30-Minute	1	10	2.01	0.25	0.08	10	2.00	0.16	0.05	10	1.83	0.26	0.08	3	1.95	0.10	0.06
	2	10	5.68	0.49	0.15	10	5.59	0.21	0.07	10	5.51	0.22	0.07	3	5.59	0.09	0.05
	3	10	9.86	0.43	0.14	10	10.13	0.36	0.11	10	10.25	0.41	0.13	3	10.08	0.20	0.12
	4	10	15.13	0.25	0.08	10	15.26	0.31	0.10	10	14.86	0.17	0.06	3	15.08	0.20	0.12
	5	10	21.21	0.37	0.12	10	21.18	0.59	0.19	10	21.15	0.35	0.11	3	21.18	0.03	0.02
	9	10	8.63	2.17	0.69	10	8.54	1.43	0.45	10	7.12	1.78	0.56	3	8.10	0.85	0.49
90-Minute	1	10	1.86	0.44	0.14	10	1.90	0.30	0.10	10	1.78	0.21	0.06	3	1.85	0.06	0.03
	2	10	5.63	0.38	0.12	10	5.56	0.20	0.06	10	5.26	0.31	0.10	3	5.48	0.19	0.11
	3	10	10.35	0.49	0.15	10	10.41	0.43	0.14	10	10.18	0.45	0.14	3	10.31	0.12	0.07
	4	10	15.22	0.37	0.12	10	15.32	0.36	0.11	10	15.17	0.45	0.14	3	15.24	0.07	0.04
	5	10	21.26	0.46	0.15	10	21.20	0.46	0.15	10	21.29	0.45	0.14	3	21.25	0.04	0.03
	9	10	10.50	2.05	0.65	10	9.68	2.05	0.65	10	7.64	1.44	0.46	3	9.27	1.47	0.85
300-Minute	1	10	2.08	0.31	0.10	10	2.16	0.25	0.08	10	2.10	0.24	0.08	3	2.11	0.04	0.02
	2	10	5.76	0.30	0.09	10	5.69	0.32	0.10	10	5.66	0.24	0.08	3	5.70	0.05	0.03
	3	10	10.44	0.47	0.15	10	10.50	0.35	0.11	10	10.31	0.38	0.12	3	10.42	0.10	0.06
	4	10	15.47	0.38	0.12	10	15.67	0.35	0.11	10	15.43	0.45	0.14	3	15.52	0.13	0.07
	5	10	20.71	0.52	0.16	10	20.93	0.55	0.17	10	21.16	0.72	0.23	3	20.93	0.22	0.13
	9	10	13.56	1.26	0.40	10	13.85	1.73	0.55	10	12.42	1.00	0.32	3	13.28	0.76	0.44
600-Minute	1	10	2.20	0.25	0.08	10	2.20	0.23	0.07	10	2.02	0.27	0.09	3	2.14	0.11	0.06
	2	10	5.51	0.32	0.10	10	5.50	0.30	0.10	10	5.59	0.52	0.16	3	5.53	0.05	0.03
	3	10	10.30	0.30	0.09	10	10.10	0.38	0.12	10	10.36	0.49	0.16	3	10.25	0.14	0.08
	4	10	15.27	0.52	0.16	10	15.21	0.39	0.12	10	15.35	0.31	0.10	3	15.28	0.07	0.04
	5	10	21.29	0.48	0.15	10	21.43	0.53	0.17	10	21.42	0.48	0.15	3	21.38	0.08	0.05
	9	10	13.77	1.10	0.35	10	11.98	1.85	0.59	10	11.63	1.99	0.63	3	12.46	1.15	0.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.20	0.26	0.08	10	2.05	0.28	0.09	10	1.91	0.31	0.10	3	2.05	0.15	0.08
	2	10	5.54	0.89	0.28	10	5.81	0.39	0.12	10	5.61	0.31	0.10	3	5.65	0.14	0.08
	3	10	10.28	0.45	0.14	10	10.18	0.40	0.13	10	10.24	0.32	0.10	3	10.24	0.05	0.03
	4	10	15.07	0.38	0.12	10	15.11	0.44	0.14	10	14.99	0.53	0.17	3	15.06	0.06	0.04
	5	10	21.25	0.56	0.18	10	20.83	0.40	0.13	10	21.20	0.50	0.16	3	21.10	0.23	0.13
	9	10	10.13	2.13	0.67	10	11.12	2.40	0.76	10	9.91	1.60	0.51	3	10.38	0.64	0.37
30-Minute	1	10	2.11	0.27	0.09	10	2.13	0.19	0.06	10	1.92	0.26	0.08	3	2.05	0.11	0.07
	2	10	5.74	0.54	0.17	10	5.40	0.30	0.10	10	5.42	0.27	0.08	3	5.52	0.19	0.11
	3	10	10.08	0.42	0.13	10	10.39	0.26	0.08	10	10.15	0.26	0.08	3	10.21	0.16	0.09
	4	10	15.02	0.51	0.16	10	14.96	0.42	0.13	10	14.87	0.17	0.05	3	14.95	0.08	0.04
	5	10	21.11	0.57	0.18	10	20.97	0.59	0.19	10	20.93	0.56	0.18	3	21.00	0.10	0.06
	9	10	9.78	2.37	0.75	10	8.51	1.29	0.41	10	7.92	1.64	0.52	3	8.74	0.95	0.55
90-Minute	1	10	2.00	0.48	0.15	10	2.27	0.24	0.07	10	1.84	0.17	0.05	3	2.04	0.22	0.13
	2	10	5.48	0.29	0.09	10	5.45	0.35	0.11	10	5.35	0.34	0.11	3	5.43	0.07	0.04
	3	10	10.35	0.44	0.14	10	10.47	0.59	0.19	10	10.38	0.43	0.14	3	10.40	0.06	0.04
	4	10	15.19	0.32	0.10	10	14.97	0.58	0.18	10	15.31	0.39	0.12	3	15.16	0.17	0.10
	5	10	21.17	0.65	0.21	10	20.97	0.62	0.20	10	20.88	0.32	0.10	3	21.01	0.15	0.09
	9	10	11.32	1.68	0.53	10	10.70	2.72	0.86	10	8.12	0.84	0.27	3	10.05	1.70	0.98
300-Minute	1	10	2.18	0.23	0.07	10	2.08	0.31	0.10	10	2.14	0.27	0.09	3	2.13	0.05	0.03
	2	10	5.62	0.45	0.14	10	5.65	0.24	0.08	10	5.66	0.25	0.08	3	5.64	0.02	0.01
	3	10	10.44	0.34	0.11	10	10.39	0.31	0.10	10	10.39	0.36	0.12	3	10.41	0.03	0.02
	4	10	15.51	0.34	0.11	10	15.59	0.27	0.08	10	15.45	0.47	0.15	3	15.52	0.07	0.04
	5	10	21.01	0.52	0.17	10	20.81	0.58	0.18	10	21.21	0.59	0.19	3	21.01	0.20	0.12
	9	10	13.45	0.71	0.22	10	13.31	1.31	0.42	10	12.01	1.02	0.32	3	12.92	0.79	0.46
600-Minute	1	10	2.15	0.29	0.09	10	2.18	0.27	0.09	10	1.92	0.23	0.07	3	2.08	0.14	0.08
	2	10	5.51	0.35	0.11	10	5.50	0.42	0.13	10	5.67	0.35	0.11	3	5.56	0.10	0.06
	3	10	10.25	0.44	0.14	10	10.22	0.42	0.13	10	10.45	0.47	0.15	3	10.31	0.12	0.07
	4	10	15.27	0.46	0.15	10	15.14	0.56	0.18	10	15.12	0.39	0.12	3	15.18	0.08	0.05
	5	10	21.49	0.54	0.17	10	21.28	0.40	0.13	10	21.64	0.65	0.21	3	21.47	0.18	0.10
	9	10	13.38	1.44	0.45	10	11.64	1.78	0.56	10	11.46	2.58	0.82	3	12.16	1.06	0.61

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.14	0.20	0.06	10	2.14	0.18	0.06	10	2.27	0.21	0.07	3	2.18	0.07	0.04
	2	10	5.30	0.74	0.24	10	5.65	0.22	0.07	10	5.51	0.24	0.08	3	5.49	0.17	0.10
	3	10	10.36	0.42	0.13	10	10.08	0.39	0.12	10	10.13	0.43	0.14	3	10.19	0.15	0.09
	4	10	15.24	0.48	0.15	10	15.20	0.45	0.14	10	15.14	0.45	0.14	3	15.19	0.05	0.03
	5	10	20.87	0.51	0.16	10	21.45	0.72	0.23	10	21.15	0.48	0.15	3	21.16	0.29	0.17
	9	10	11.45	1.92	0.61	10	10.96	2.15	0.68	10	10.43	1.91	0.60	3	10.95	0.51	0.29
30-Minute	1	10	2.08	0.27	0.09	10	1.92	0.23	0.07	10	1.88	0.19	0.06	3	1.96	0.10	0.06
	2	10	5.35	0.30	0.09	10	5.51	0.34	0.11	10	5.47	0.30	0.10	3	5.44	0.08	0.05
	3	10	10.22	0.36	0.11	10	10.39	0.41	0.13	10	10.39	0.39	0.12	3	10.33	0.09	0.05
	4	10	15.29	0.46	0.15	10	15.65	0.41	0.13	10	15.50	0.53	0.17	3	15.48	0.18	0.10
	5	10	21.27	0.38	0.12	10	21.14	0.69	0.22	10	20.93	0.65	0.20	3	21.11	0.17	0.10
	9	10	9.93	2.30	0.73	10	9.60	0.98	0.31	10	8.22	2.29	0.73	3	9.25	0.91	0.52
90-Minute	1	10	2.10	0.33	0.10	10	2.00	0.25	0.08	10	2.10	0.28	0.09	3	2.07	0.06	0.03
	2	10	5.58	0.27	0.08	10	5.54	0.28	0.09	10	5.59	0.23	0.07	3	5.57	0.03	0.02
	3	10	10.21	0.36	0.11	10	10.40	0.22	0.07	10	10.11	0.51	0.16	3	10.24	0.15	0.09
	4	10	15.09	0.47	0.15	10	15.20	0.43	0.14	10	15.11	0.37	0.12	3	15.13	0.06	0.03
	5	10	21.45	0.62	0.20	10	21.23	0.79	0.25	10	21.39	0.56	0.18	3	21.36	0.12	0.07
	9	10	10.69	2.74	0.86	10	9.31	2.05	0.65	10	8.92	1.64	0.52	3	9.64	0.93	0.53
300-Minute	1	10	2.02	0.30	0.09	10	2.14	0.26	0.08	10	2.03	0.35	0.11	3	2.07	0.07	0.04
	2	10	5.78	0.27	0.09	10	5.57	0.33	0.10	10	5.77	0.41	0.13	3	5.71	0.12	0.07
	3	10	10.31	0.43	0.13	10	10.48	0.38	0.12	10	10.31	0.54	0.17	3	10.36	0.10	0.06
	4	10	15.59	0.42	0.13	10	15.64	0.37	0.12	10	15.54	0.46	0.15	3	15.59	0.05	0.03
	5	10	20.78	0.53	0.17	10	21.11	0.70	0.22	10	21.13	0.69	0.22	3	21.01	0.20	0.11
	9	10	14.52	1.11	0.35	10	14.87	1.43	0.45	10	13.86	0.67	0.21	3	14.42	0.51	0.29
600-Minute	1	10	2.25	0.25	0.08	10	2.20	0.23	0.07	10	1.98	0.22	0.07	3	2.14	0.14	0.08
	2	10	5.68	0.19	0.06	10	5.49	0.29	0.09	10	5.66	0.42	0.13	3	5.61	0.10	0.06
	3	10	10.24	0.25	0.08	10	10.31	0.37	0.12	10	10.44	0.50	0.16	3	10.33	0.10	0.06
	4	10	15.39	0.55	0.17	10	15.29	0.44	0.14	10	15.22	0.41	0.13	3	15.30	0.09	0.05
	5	10	21.35	0.63	0.20	10	21.39	0.41	0.13	10	21.47	0.54	0.17	3	21.41	0.06	0.03
	9	10	15.16	0.55	0.17	10	13.34	1.77	0.56	10	12.59	2.15	0.68	3	13.70	1.32	0.76

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.18	0.27	0.08	10	2.19	0.20	0.06	10	2.08	0.27	0.09	3	2.15	0.06	0.04
	2	10	5.17	0.83	0.26	10	5.87	0.18	0.06	10	5.54	0.30	0.10	3	5.53	0.35	0.20
	3	10	10.29	0.47	0.15	10	10.16	0.24	0.08	10	10.28	0.25	0.08	3	10.24	0.08	0.04
	4	10	15.13	0.45	0.14	10	15.20	0.28	0.09	10	14.92	0.40	0.13	3	15.08	0.14	0.08
	5	10	21.19	0.52	0.17	10	21.35	0.48	0.15	10	21.39	0.47	0.15	3	21.31	0.10	0.06
	9	10	8.39	1.60	0.51	10	10.50	2.10	0.66	10	9.52	1.47	0.46	3	9.47	1.06	0.61
30-Minute	1	10	2.24	0.24	0.08	10	2.04	0.25	0.08	10	1.89	0.21	0.07	3	2.06	0.18	0.10
	2	10	5.61	0.37	0.12	10	5.47	0.24	0.08	10	5.44	0.16	0.05	3	5.51	0.09	0.05
	3	10	10.07	0.36	0.12	10	10.21	0.28	0.09	10	10.16	0.50	0.16	3	10.15	0.07	0.04
	4	10	15.17	0.45	0.14	10	15.24	0.46	0.15	10	15.07	0.37	0.12	3	15.16	0.08	0.05
	5	10	21.30	0.38	0.12	10	21.09	0.73	0.23	10	21.25	0.26	0.08	3	21.21	0.11	0.06
	9	10	8.52	1.55	0.49	10	8.96	0.93	0.29	10	7.33	1.65	0.52	3	8.27	0.85	0.49
90-Minute	1	10	2.14	0.29	0.09	10	1.91	0.23	0.07	10	2.15	0.26	0.08	3	2.07	0.13	0.08
	2	10	5.68	0.26	0.08	10	5.56	0.20	0.06	10	5.55	0.25	0.08	3	5.60	0.08	0.04
	3	10	10.05	0.37	0.12	10	10.43	0.29	0.09	10	10.17	0.40	0.13	3	10.21	0.19	0.11
	4	10	15.12	0.47	0.15	10	15.11	0.41	0.13	10	15.10	0.56	0.18	3	15.11	0.01	0.01
	5	10	21.08	0.33	0.10	10	21.40	0.42	0.13	10	21.18	0.32	0.10	3	21.22	0.16	0.10
	9	10	10.30	2.56	0.81	10	8.98	2.17	0.69	10	8.51	1.52	0.48	3	9.27	0.93	0.54
300-Minute	1	10	2.09	0.29	0.09	10	2.05	0.21	0.07	10	2.20	0.27	0.09	3	2.12	0.08	0.05
	2	10	5.63	0.34	0.11	10	5.83	0.28	0.09	10	5.74	0.34	0.11	3	5.73	0.10	0.06
	3	10	10.56	0.46	0.14	10	10.48	0.34	0.11	10	10.45	0.43	0.14	3	10.50	0.05	0.03
	4	10	15.49	0.31	0.10	10	15.68	0.46	0.14	10	15.50	0.56	0.18	3	15.56	0.10	0.06
	5	10	20.62	0.35	0.11	10	20.92	0.59	0.19	10	21.11	0.73	0.23	3	20.88	0.25	0.14
	9	10	14.47	1.15	0.36	10	14.74	0.75	0.24	10	14.04	1.15	0.36	3	14.42	0.35	0.20
600-Minute	1	10	2.14	0.19	0.06	10	2.25	0.32	0.10	10	2.09	0.35	0.11	3	2.16	0.08	0.05
	2	10	5.53	0.40	0.13	10	5.55	0.47	0.15	10	5.80	0.30	0.10	3	5.63	0.15	0.09
	3	10	10.23	0.32	0.10	10	10.24	0.37	0.12	10	10.45	0.58	0.18	3	10.31	0.12	0.07
	4	10	15.33	0.48	0.15	10	15.22	0.55	0.17	10	15.13	0.29	0.09	3	15.23	0.10	0.06
	5	10	21.28	0.48	0.15	10	21.14	0.52	0.16	10	21.67	0.49	0.15	3	21.36	0.27	0.16
	9	10	14.18	1.31	0.41	10	13.63	1.87	0.59	10	12.79	2.40	0.76	3	13.53	0.70	0.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.25	0.60	0.21	9	2.17	0.83	0.28	8	2.50	0.80	0.28	3	2.31	0.17	0.10
	2	10	6.00	1.11	0.35	10	6.30	0.71	0.23	10	6.05	1.04	0.33	3	6.12	0.16	0.09
	3	10	10.90	1.05	0.33	10	10.25	1.09	0.34	10	11.00	0.94	0.30	3	10.72	0.41	0.24
	4	10	15.55	0.86	0.27	9	16.17	1.22	0.41	10	15.40	1.68	0.53	3	15.71	0.41	0.23
	5	10	21.50	1.86	0.59	10	21.25	2.36	0.75	10	22.45	1.52	0.48	3	21.73	0.63	0.37
	9	10	7.90	6.88	2.18	10	11.40	7.68	2.43	10	8.85	8.53	2.70	3	9.38	1.81	1.04
30-Minute	1	8	2.31	0.65	0.23	9	1.94	0.39	0.13	5	2.00	0.61	0.27	3	2.09	0.20	0.11
	2	10	6.10	1.13	0.36	10	5.90	0.88	0.28	10	5.75	0.92	0.29	3	5.92	0.18	0.10
	3	10	9.90	0.91	0.29	10	10.30	1.46	0.46	7	10.50	1.41	0.53	3	10.23	0.31	0.18
	4	10	15.00	0.94	0.30	10	15.40	1.33	0.42	9	14.83	1.44	0.48	3	15.08	0.29	0.17
	5	10	21.95	1.55	0.49	10	21.80	1.64	0.52	10	21.60	1.35	0.43	3	21.78	0.18	0.10
	9	10	5.10	3.74	1.18	10	2.95	2.11	0.67	10	4.55	2.77	0.88	3	4.20	1.12	0.64
90-Minute	1	8	2.62	0.88	0.31	9	2.89	0.82	0.27	6	2.25	0.88	0.36	3	2.59	0.32	0.19
	2	10	5.80	0.92	0.29	9	6.11	0.82	0.27	9	5.39	1.05	0.35	3	5.77	0.36	0.21
	3	10	10.80	1.18	0.37	10	10.60	1.05	0.33	10	10.70	1.40	0.44	3	10.70	0.10	0.06
	4	9	15.61	1.24	0.41	10	16.45	0.86	0.27	10	15.85	1.20	0.38	3	15.97	0.43	0.25
	5	10	21.20	2.51	0.79	10	21.50	1.67	0.53	10	22.20	1.21	0.38	3	21.63	0.51	0.30
	9	10	7.40	6.11	1.93	10	7.40	6.76	2.14	10	3.40	1.97	0.62	3	6.07	2.31	1.33
300-Minute	1	9	2.39	0.86	0.29	8	2.50	0.80	0.28	9	2.78	0.57	0.19	3	2.56	0.20	0.12
	2	10	6.00	0.94	0.30	10	5.90	1.07	0.34	10	5.90	0.74	0.23	3	5.93	0.06	0.03
	3	10	10.50	1.20	0.38	10	11.10	1.10	0.35	10	10.40	1.33	0.42	3	10.67	0.38	0.22
	4	10	15.65	1.25	0.39	10	15.60	1.24	0.39	10	15.75	1.09	0.34	3	15.67	0.08	0.04
	5	10	21.10	1.81	0.57	10	20.70	1.75	0.55	10	21.55	2.03	0.64	3	21.12	0.43	0.25
	9	10	11.55	6.56	2.08	10	14.50	6.84	2.16	10	17.20	6.09	1.93	3	14.42	2.83	1.63
600-Minute	1	9	2.50	0.75	0.25	9	2.44	0.53	0.18	9	2.28	0.87	0.29	3	2.41	0.12	0.07
	2	9	6.22	1.12	0.37	10	5.75	1.06	0.34	9	5.83	0.75	0.25	3	5.94	0.25	0.15
	3	10	10.10	1.10	0.35	10	9.85	1.06	0.33	10	11.00	1.03	0.32	3	10.32	0.60	0.35
	4	10	15.30	1.18	0.37	10	14.95	1.28	0.40	10	15.80	1.30	0.41	3	15.35	0.43	0.25
	5	10	21.45	1.85	0.58	10	22.25	1.64	0.52	10	21.70	1.40	0.44	3	21.80	0.41	0.24
	9	10	14.70	7.19	2.27	10	10.45	7.84	2.48	10	9.85	10.02	3.17	3	11.67	2.64	1.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.39	0.78	0.26	9	2.39	0.86	0.29	7	2.07	0.79	0.30	3	2.28	0.18	0.11
	2	10	5.60	1.84	0.58	10	6.25	1.03	0.33	9	6.28	1.28	0.43	3	6.04	0.38	0.22
	3	10	10.55	1.17	0.37	9	10.50	1.03	0.34	10	10.60	1.20	0.38	3	10.55	0.05	0.03
	4	10	15.15	0.53	0.17	10	15.25	1.21	0.38	10	15.30	1.65	0.52	3	15.23	0.08	0.04
	5	10	21.15	1.67	0.53	10	19.50	1.00	0.32	10	21.35	2.08	0.66	3	20.67	1.02	0.59
	9	10	8.10	5.39	1.70	10	9.35	6.15	1.94	10	5.80	5.16	1.63	3	7.75	1.80	1.04
30-Minute	1	9	2.00	0.66	0.22	10	2.10	0.46	0.15	8	2.31	0.84	0.30	3	2.14	0.16	0.09
	2	9	6.00	0.94	0.31	10	5.90	1.02	0.32	10	5.30	0.71	0.23	3	5.73	0.38	0.22
	3	9	10.44	1.10	0.37	10	10.20	1.01	0.32	9	10.83	1.22	0.41	3	10.49	0.32	0.18
	4	10	15.55	1.01	0.32	10	14.90	1.13	0.36	10	14.75	0.92	0.29	3	15.07	0.43	0.25
	5	10	21.25	1.62	0.51	10	21.60	1.63	0.52	10	20.80	2.24	0.71	3	21.22	0.40	0.23
	9	10	6.00	8.12	2.57	10	2.10	0.46	0.15	10	3.80	2.82	0.89	3	3.97	1.96	1.13
90-Minute	1	8	2.56	0.90	0.32	10	2.65	0.91	0.29	7	2.07	0.73	0.28	3	2.43	0.31	0.18
	2	10	5.55	0.93	0.29	10	5.75	1.01	0.32	9	5.28	0.67	0.22	3	5.53	0.24	0.14
	3	10	10.45	0.69	0.22	10	10.60	0.94	0.30	10	11.20	0.98	0.31	3	10.75	0.40	0.23
	4	10	15.75	1.27	0.40	10	15.10	1.20	0.38	9	15.83	1.39	0.46	3	15.56	0.40	0.23
	5	10	20.95	1.55	0.49	10	20.80	1.27	0.40	10	20.90	1.65	0.52	3	20.88	0.08	0.04
	9	10	9.95	9.04	2.86	10	8.95	8.61	2.72	10	4.35	5.78	1.83	3	7.75	2.99	1.72
300-Minute	1	9	2.22	0.71	0.24	9	2.50	0.61	0.20	9	2.28	0.75	0.25	3	2.33	0.15	0.08
	2	10	6.05	0.86	0.27	10	6.15	1.23	0.39	9	5.89	0.78	0.26	3	6.03	0.13	0.08
	3	9	10.50	1.50	0.50	10	10.40	1.41	0.45	10	11.20	0.92	0.29	3	10.70	0.44	0.25
	4	10	15.80	0.86	0.27	10	15.50	0.91	0.29	10	15.55	1.32	0.42	3	15.62	0.16	0.09
	5	10	21.75	1.90	0.60	10	20.65	1.53	0.48	10	21.35	2.06	0.65	3	21.25	0.56	0.32
	9	10	15.75	5.97	1.89	10	14.15	8.20	2.59	10	12.40	9.33	2.95	3	14.10	1.68	0.97
600-Minute	1	9	2.33	0.61	0.20	10	2.50	0.58	0.18	8	2.12	0.64	0.23	3	2.32	0.19	0.11
	2	9	6.06	1.10	0.37	9	5.72	0.87	0.29	10	5.60	0.99	0.31	3	5.79	0.24	0.14
	3	10	10.05	1.23	0.39	10	10.40	1.13	0.36	10	10.85	1.18	0.37	3	10.43	0.40	0.23
	4	10	15.05	1.28	0.40	10	14.73	1.31	0.42	10	15.00	1.11	0.35	3	14.93	0.17	0.10
	5	10	22.05	1.50	0.47	10	21.40	1.88	0.60	10	22.85	1.55	0.49	3	22.10	0.73	0.42
	9	10	12.60	7.64	2.42	10	7.15	7.95	2.51	10	12.10	9.50	3.01	3	10.62	3.01	1.74

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.06	0.63	0.21	9	2.39	0.86	0.29	10	2.65	0.85	0.27	3	2.36	0.30	0.17
	2	10	5.45	1.61	0.51	10	6.20	0.95	0.30	10	5.85	0.78	0.25	3	5.83	0.38	0.22
	3	10	10.90	1.24	0.39	10	10.80	1.09	0.34	10	10.15	1.38	0.43	3	10.62	0.41	0.24
	4	10	15.30	1.11	0.35	10	15.70	1.62	0.51	10	14.60	0.94	0.30	3	15.20	0.56	0.32
	5	10	20.15	1.73	0.55	10	21.40	1.93	0.61	10	21.15	1.81	0.57	3	20.90	0.66	0.38
	9	10	7.95	7.22	2.28	10	5.30	6.95	2.20	10	5.40	6.49	2.05	3	6.22	1.50	0.87
30-Minute	1	10	2.25	0.75	0.24	8	1.81	0.59	0.21	8	1.81	0.37	0.13	3	1.96	0.25	0.15
	2	8	6.25	1.10	0.39	9	6.11	1.05	0.35	10	5.75	0.98	0.31	3	6.04	0.26	0.15
	3	10	10.10	1.26	0.40	10	11.15	1.38	0.43	9	10.50	1.20	0.40	3	10.58	0.53	0.31
	4	10	15.20	1.42	0.45	10	16.30	0.89	0.28	10	15.70	1.48	0.47	3	15.73	0.55	0.32
	5	10	21.55	2.03	0.64	10	22.20	1.14	0.36	10	21.65	1.89	0.60	3	21.80	0.35	0.20
	9	10	6.20	8.15	2.58	10	6.35	6.79	2.15	10	5.10	6.95	2.20	3	5.88	0.68	0.39
90-Minute	1	8	2.12	0.64	0.23	10	1.90	0.46	0.15	10	2.35	0.78	0.25	3	2.12	0.22	0.13
	2	9	6.42	0.88	0.29	10	5.85	1.00	0.32	10	6.35	0.75	0.24	3	6.21	0.31	0.18
	3	9	10.39	0.93	0.31	10	11.35	0.97	0.31	10	10.20	1.53	0.48	3	10.65	0.62	0.36
	4	10	15.00	1.20	0.38	10	15.50	1.18	0.37	10	15.50	0.94	0.30	3	15.33	0.29	0.17
	5	10	21.10	2.09	0.66	10	21.25	2.14	0.68	10	20.55	2.01	0.63	3	20.97	0.37	0.21
	9	10	8.35	9.57	3.03	10	3.55	5.27	1.67	10	3.15	2.70	0.85	3	5.02	2.89	1.67
300-Minute	1	9	2.22	0.62	0.21	8	2.62	0.69	0.25	10	2.60	0.66	0.21	3	2.48	0.23	0.13
	2	9	6.11	1.02	0.34	10	6.05	1.04	0.33	10	5.95	1.07	0.34	3	6.04	0.08	0.05
	3	10	10.15	1.23	0.39	10	10.50	1.29	0.41	9	10.44	1.29	0.43	3	10.36	0.19	0.11
	4	10	15.60	1.22	0.39	10	15.80	1.16	0.37	10	15.70	1.21	0.38	3	15.70	0.10	0.06
	5	10	20.25	2.21	0.70	10	21.02	2.10	0.66	10	21.60	2.04	0.64	3	20.96	0.68	0.39
	9	10	17.10	2.18	0.69	10	18.05	3.12	0.99	10	19.10	3.38	1.07	3	18.08	1.00	0.58
600-Minute	1	9	2.78	0.67	0.22	10	2.20	0.59	0.19	8	2.06	0.78	0.27	3	2.35	0.38	0.22
	2	10	5.75	0.95	0.30	10	5.80	1.06	0.33	10	5.95	1.14	0.36	3	5.83	0.10	0.06
	3	10	10.75	0.98	0.31	9	10.83	1.32	0.44	10	11.00	0.97	0.31	3	10.86	0.13	0.07
	4	10	15.40	1.22	0.39	9	14.72	0.97	0.32	10	15.40	1.37	0.43	3	15.17	0.39	0.23
	5	10	21.75	1.96	0.62	10	22.35	1.68	0.53	10	22.10	1.56	0.49	3	22.07	0.30	0.17
	9	10	16.95	3.02	0.96	10	15.20	8.72	2.76	10	13.95	9.31	2.94	3	15.37	1.51	0.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.25	0.72	0.23	10	2.45	0.80	0.25	8	2.50	0.76	0.27	3	2.40	0.13	0.08
	2	10	5.10	1.41	0.45	9	6.67	0.61	0.20	9	5.89	0.74	0.25	3	5.89	0.78	0.45
	3	10	11.00	0.91	0.29	10	10.05	0.80	0.25	10	11.00	0.88	0.28	3	10.68	0.55	0.32
	4	10	15.60	1.10	0.35	10	15.45	1.17	0.37	10	14.80	0.86	0.27	3	15.28	0.43	0.25
	5	10	21.60	1.29	0.41	10	21.00	1.53	0.48	10	21.90	2.01	0.64	3	21.50	0.46	0.26
	9	10	2.50	1.00	0.32	10	5.95	5.85	1.85	10	4.35	3.16	1.00	3	4.27	1.73	1.00
30-Minute	1	10	2.40	0.66	0.21	8	2.25	0.38	0.13	8	2.06	0.56	0.20	3	2.24	0.17	0.10
	2	9	5.83	0.94	0.31	9	5.56	0.95	0.32	9	5.89	1.43	0.48	3	5.76	0.18	0.10
	3	10	10.45	1.04	0.33	10	10.50	1.22	0.39	10	10.40	1.35	0.43	3	10.45	0.05	0.03
	4	10	16.00	1.22	0.39	10	15.70	1.25	0.40	10	15.05	0.93	0.29	3	15.58	0.49	0.28
	5	10	21.25	1.51	0.48	10	21.55	1.66	0.52	10	21.35	1.80	0.57	3	21.38	0.15	0.09
	9	10	2.50	0.82	0.26	10	4.35	4.95	1.57	10	2.85	1.25	0.39	3	3.23	0.98	0.57
90-Minute	1	9	2.72	0.57	0.19	9	2.28	0.57	0.19	9	2.28	0.62	0.21	3	2.43	0.26	0.15
	2	9	5.89	0.82	0.27	9	5.67	0.87	0.29	10	5.90	0.99	0.31	3	5.82	0.13	0.08
	3	10	10.50	1.60	0.51	10	11.20	1.34	0.42	10	10.35	0.97	0.31	3	10.68	0.45	0.26
	4	10	15.00	1.33	0.42	10	16.15	1.33	0.42	9	15.50	1.54	0.51	3	15.55	0.58	0.33
	5	10	21.35	1.20	0.38	10	21.25	1.50	0.47	10	20.70	1.44	0.45	3	21.10	0.35	0.20
	9	10	12.75	7.63	2.41	10	3.75	3.55	1.12	10	2.90	1.24	0.39	3	6.47	5.46	3.15
300-Minute	1	9	2.83	0.75	0.25	10	2.35	0.67	0.21	9	2.72	0.71	0.24	3	2.64	0.25	0.15
	2	10	5.95	1.01	0.32	10	6.50	0.62	0.20	10	5.90	1.13	0.36	3	6.12	0.33	0.19
	3	10	10.85	1.06	0.33	10	11.00	1.08	0.34	10	10.90	1.31	0.41	3	10.92	0.08	0.04
	4	10	15.65	0.94	0.30	10	15.55	1.14	0.36	10	15.65	1.08	0.34	3	15.62	0.06	0.03
	5	10	19.85	1.16	0.37	10	20.60	1.68	0.53	10	21.45	1.92	0.61	3	20.63	0.80	0.46
	9	10	15.90	5.48	1.73	10	17.75	2.60	0.82	10	18.05	2.99	0.95	3	17.23	1.16	0.67
600-Minute	1	9	2.31	0.75	0.25	8	2.69	0.70	0.25	9	2.17	0.56	0.19	3	2.39	0.27	0.16
	2	9	5.50	0.94	0.31	9	5.78	1.03	0.34	10	5.55	0.86	0.27	3	5.61	0.15	0.09
	3	10	10.20	1.16	0.37	10	10.65	1.23	0.39	10	10.85	1.11	0.35	3	10.57	0.33	0.19
	4	10	15.10	1.24	0.39	10	14.90	1.22	0.39	10	14.90	1.41	0.45	3	14.97	0.12	0.07
	5	10	21.75	1.60	0.51	10	21.00	2.04	0.65	10	23.05	1.01	0.32	3	21.93	1.04	0.60
	9	10	16.00	5.80	1.83	10	14.80	8.14	2.57	10	11.05	8.38	2.65	3	13.95	2.58	1.49

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	39.75	26.43	8.36	10	27.95	13.55	4.29	10	32.65	19.24	6.08	3	33.45	5.94	3.43
	2	10	27.67	15.75	4.98	10	22.08	10.57	3.34	10	13.23	6.07	1.92	3	21.00	7.28	4.20
	3	10	33.75	25.76	8.15	10	24.33	10.47	3.31	10	15.02	6.46	2.04	3	24.37	9.36	5.41
	4	10	16.42	12.04	3.81	10	21.64	12.17	3.85	10	16.61	6.35	2.01	3	18.22	2.96	1.71
	5	10	31.92	42.65	13.49	10	35.39	18.87	5.97	10	22.08	12.55	3.97	3	29.79	6.91	3.99
	6	10	67.43	163.93	51.84	10	31.27	31.19	9.86	10	13.98	8.24	2.61	3	37.56	27.27	15.75
	7	10	59.65	70.90	22.42	10	105.91	77.09	24.38	10	40.54	29.89	9.45	3	68.70	33.61	19.41
	8	10	1.02	1.21	0.38	10	1.47	1.22	0.39	10	0.53	0.69	0.22	3	1.01	0.47	0.27
	9	10	145.44	105.30	33.30	10	131.39	43.64	13.80	10	99.59	31.30	9.90	3	125.47	23.49	13.56
30-Minute	1	10	39.81	28.06	8.87	10	39.53	12.72	4.02	10	58.61	47.18	14.92	3	45.98	10.94	6.32
	2	10	12.99	4.62	1.46	10	12.11	4.58	1.45	10	19.90	11.75	3.72	3	15.00	4.27	2.46
	3	10	15.12	7.20	2.28	10	12.70	5.40	1.71	10	11.89	7.23	2.29	3	13.24	1.68	0.97
	4	10	12.36	5.51	1.74	10	14.29	5.77	1.83	10	9.90	3.94	1.25	3	12.18	2.20	1.27
	5	10	15.17	6.35	2.01	10	14.17	5.67	1.79	10	11.42	4.25	1.34	3	13.59	1.94	1.12
	6	10	11.56	3.27	1.03	10	7.81	1.91	0.60	10	6.91	2.87	0.91	3	8.76	2.47	1.42
	7	10	31.65	16.80	5.31	10	21.71	3.64	1.15	10	15.68	6.50	2.06	3	23.02	8.06	4.66
	8	10	0.31	0.33	0.10	10	0.28	0.29	0.09	10	0.08	0.13	0.04	3	0.22	0.13	0.07
	9	10	95.44	27.29	8.63	10	92.79	13.07	4.13	10	111.73	57.93	18.32	3	99.99	10.26	5.92
90-Minute	1	10	50.06	19.97	6.31	10	44.01	26.22	8.29	10	53.34	20.45	6.47	3	49.14	4.73	2.73
	2	10	26.01	17.82	5.63	10	14.99	9.69	3.06	10	18.99	13.47	4.26	3	20.00	5.58	3.22
	3	10	23.97	11.98	3.79	10	13.00	2.13	0.67	10	13.12	5.53	1.75	3	16.70	6.30	3.64
	4	10	26.83	11.82	3.74	10	14.32	4.94	1.56	10	13.96	5.84	1.85	3	18.37	7.33	4.23
	5	10	43.91	21.53	6.81	10	24.04	10.63	3.36	10	15.47	6.70	2.12	3	27.81	14.59	8.42
	6	10	29.20	20.57	6.51	10	11.05	3.34	1.06	10	12.02	5.51	1.74	3	17.43	10.21	5.90
	7	10	107.01	52.54	16.62	10	42.40	21.45	6.78	10	35.38	34.98	11.06	3	61.60	39.48	22.80
	8	10	1.79	1.14	0.36	10	0.68	0.57	0.18	10	0.48	0.43	0.14	3	0.98	0.70	0.41
	9	10	170.78	60.88	19.25	10	110.37	33.33	10.54	10	114.87	28.27	8.94	3	132.01	33.65	19.43
300-Minute	1	10	59.65	28.18	8.91	10	55.85	22.79	7.21	10	81.59	31.50	9.96	3	65.70	13.90	8.02
	2	10	29.17	10.97	3.47	10	31.65	13.76	4.35	10	39.93	11.72	3.71	3	33.58	5.64	3.26
	3	10	46.24	18.36	5.81	10	34.50	11.22	3.55	10	38.86	9.17	2.90	3	39.87	5.93	3.43
	4	10	137.02	62.36	19.72	10	97.39	40.30	12.74	10	82.34	24.53	7.76	3	105.58	28.24	16.31
	5	10	116.98	40.28	12.74	10	131.98	66.50	21.03	10	106.31	23.80	7.53	3	118.42	12.89	7.44
	6	10	107.38	55.72	17.62	10	123.29	49.01	15.50	10	80.56	25.73	8.14	3	103.75	21.60	12.47
	7	10	370.09	101.97	32.25	10	327.35	112.92	35.71	10	261.48	55.96	17.69	3	319.64	54.72	31.59
	8	10	3.27	1.43	0.45	10	3.55	1.35	0.43	10	1.92	1.09	0.34	3	2.91	0.87	0.50
	9	10	389.05	85.00	26.88	10	351.37	92.71	29.32	10	349.03	54.70	17.30	3	363.15	22.46	12.97

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	36.07	5.88	1.86	10	47.69	17.92	5.67	10	60.76	19.52	6.17	3	48.17	12.35	7.13
	2	10	22.05	9.54	3.02	10	43.83	22.24	7.03	10	34.78	16.40	5.19	3	33.55	10.94	6.32
	3	10	37.08	16.28	5.15	10	40.09	28.90	9.14	10	45.71	26.97	8.53	3	40.96	4.38	2.53
	4	10	70.13	22.78	7.20	10	50.28	26.90	8.51	10	50.99	31.19	9.86	3	57.13	11.26	6.50
	5	10	87.00	32.17	10.17	10	74.42	31.67	10.02	10	75.83	46.76	14.79	3	79.09	6.89	3.98
	6	10	72.76	39.86	12.60	10	57.67	38.88	12.29	10	53.33	27.91	8.83	3	61.25	10.20	5.89
	7	10	225.57	96.83	30.62	10	165.21	94.89	30.01	10	159.54	77.60	24.54	3	183.44	36.60	21.13
	8	10	1.63	1.04	0.33	10	1.92	2.14	0.68	10	1.37	0.50	0.16	3	1.64	0.28	0.16
	9	10	252.33	59.98	18.97	10	256.30	65.43	20.69	10	268.08	106.16	33.57	3	258.90	8.19	4.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	30.59	25.72	8.13	10	21.08	12.79	4.04	10	24.89	12.51	3.95	3	25.52	4.79	2.77
	2	10	18.55	7.83	2.48	10	15.46	6.20	1.96	10	14.09	6.81	2.15	3	16.03	2.28	1.32
	3	10	29.36	15.67	4.96	10	22.75	8.22	2.60	10	20.24	6.65	2.10	3	24.12	4.71	2.72
	4	10	15.33	5.44	1.72	10	17.22	10.20	3.22	10	15.78	6.10	1.93	3	16.11	0.98	0.57
	5	10	18.30	10.73	3.39	10	24.09	14.23	4.50	10	13.46	3.94	1.25	3	18.62	5.32	3.07
	6	10	24.07	48.42	15.31	10	14.48	8.78	2.78	10	7.01	2.75	0.87	3	15.19	8.55	4.94
	7	10	31.53	18.75	5.93	10	33.99	27.74	8.77	10	17.89	7.22	2.28	3	27.80	8.67	5.01
	8	10	0.31	0.32	0.10	10	0.86	1.12	0.35	10	0.16	0.16	0.05	3	0.44	0.37	0.21
	9	10	110.43	44.12	13.95	10	100.59	29.68	9.39	10	88.47	23.73	7.50	3	99.83	11.00	6.35
30-Minute	1	10	24.54	15.64	4.95	10	31.36	11.04	3.49	10	35.93	27.08	8.56	3	30.61	5.73	3.31
	2	10	10.73	4.45	1.41	10	13.32	5.38	1.70	10	18.00	5.96	1.88	3	14.02	3.68	2.13
	3	10	13.24	7.04	2.23	10	14.25	4.84	1.53	10	12.06	8.46	2.67	3	13.18	1.09	0.63
	4	10	10.97	3.65	1.15	10	13.82	4.08	1.29	10	10.50	4.44	1.40	3	11.76	1.80	1.04
	5	10	15.12	9.48	3.00	10	9.80	5.75	1.82	10	9.03	3.00	0.95	3	11.32	3.31	1.91
	6	10	8.34	3.70	1.17	10	6.66	2.02	0.64	10	5.60	1.36	0.43	3	6.86	1.38	0.80
	7	10	21.11	13.24	4.19	10	13.04	1.75	0.55	10	11.24	1.78	0.56	3	15.13	5.25	3.03
	8	10	0.35	0.43	0.14	10	0.09	0.10	0.03	10	0.08	0.11	0.03	3	0.17	0.15	0.09
	9	10	74.60	16.80	5.31	10	82.54	19.84	6.27	10	85.52	37.41	11.83	3	80.89	5.64	3.26
90-Minute	1	10	33.34	12.42	3.93	10	30.13	15.95	5.04	10	42.86	21.22	6.71	3	35.44	6.62	3.82
	2	10	18.18	9.41	2.98	10	12.91	7.44	2.35	10	17.51	8.25	2.61	3	16.20	2.87	1.66
	3	10	27.88	11.09	3.51	10	12.20	3.91	1.24	10	14.47	7.75	2.45	3	18.19	8.48	4.89
	4	10	19.69	9.65	3.05	10	14.26	3.81	1.20	10	12.18	5.00	1.58	3	15.38	3.88	2.24
	5	10	38.72	16.70	5.28	10	23.92	12.31	3.89	10	14.72	9.43	2.98	3	25.79	12.11	6.99
	6	10	26.07	19.18	6.06	10	11.25	5.76	1.82	10	8.20	3.40	1.08	3	15.17	9.56	5.52
	7	10	74.50	36.46	11.53	10	34.20	21.22	6.71	10	21.74	23.13	7.32	3	43.48	27.58	15.92
	8	10	1.66	2.09	0.66	10	0.42	0.35	0.11	10	0.23	0.35	0.11	3	0.77	0.77	0.45
	9	10	137.81	36.68	11.60	10	93.41	19.40	6.13	10	101.75	40.03	12.66	3	110.99	23.60	13.63
300-Minute	1	10	67.09	21.70	6.86	10	69.64	26.82	8.48	10	89.13	20.76	6.56	3	75.29	12.06	6.96
	2	10	35.37	10.27	3.25	10	29.07	13.31	4.21	10	47.39	25.39	8.03	3	37.27	9.31	5.37
	3	10	42.01	10.74	3.40	10	38.54	9.98	3.16	10	46.69	13.20	4.17	3	42.41	4.09	2.36
	4	10	121.90	52.99	16.76	10	90.46	36.24	11.46	10	81.65	23.30	7.37	3	98.00	21.16	12.22
	5	10	120.13	34.06	10.77	10	129.86	59.86	18.93	10	108.59	31.30	9.90	3	119.53	10.65	6.15
	6	10	102.57	34.96	11.06	10	109.54	44.74	14.15	10	77.37	13.05	4.13	3	96.49	16.93	9.77
	7	10	363.71	76.95	24.33	10	336.35	112.80	35.67	10	306.24	77.16	24.40	3	335.43	28.75	16.60
	8	10	3.58	1.53	0.48	10	3.32	1.70	0.54	10	2.68	1.59	0.50	3	3.19	0.46	0.27
	9	10	386.50	65.07	20.58	10	357.56	102.92	32.55	10	373.45	66.04	20.88	3	372.50	14.49	8.37

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	50.60	15.68	4.96	10	58.77	19.89	6.29	10	71.23	25.91	8.19	3	60.20	10.39	6.00
	2	10	27.41	8.21	2.60	10	47.22	18.80	5.95	10	35.41	11.72	3.71	3	36.68	9.97	5.75
	3	10	40.68	17.10	5.41	10	47.65	23.97	7.58	10	49.13	25.05	7.92	3	45.82	4.51	2.60
	4	10	75.45	23.34	7.38	10	55.70	34.99	11.06	10	52.98	26.63	8.42	3	61.38	12.26	7.08
	5	10	97.37	29.83	9.43	10	82.69	45.81	14.49	10	81.62	40.37	12.77	3	87.23	8.80	5.08
	6	10	94.10	34.81	11.01	10	65.12	43.48	13.75	10	58.03	32.20	10.18	3	72.42	19.11	11.04
	7	10	242.60	71.89	22.73	10	187.27	111.72	35.33	10	166.87	82.29	26.02	3	198.92	39.18	22.62
	8	10	2.40	1.88	0.59	10	2.88	2.90	0.92	10	1.49	0.95	0.30	3	2.26	0.70	0.41
	9	10	291.51	47.46	15.01	10	292.02	89.27	28.23	10	290.36	72.15	22.82	3	291.30	0.85	0.49

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	88.81	48.68	15.39	10	85.82	39.66	12.54	10	62.61	22.65	7.16	3	79.08	14.34	8.28
	2	10	62.82	28.61	9.05	10	61.63	24.33	7.70	10	47.57	16.94	5.36	3	57.34	8.48	4.90
	3	10	40.82	20.89	6.60	10	40.83	13.13	4.15	10	43.15	17.58	5.56	3	41.60	1.34	0.77
	4	10	56.93	31.34	9.91	10	43.62	22.37	7.07	10	29.70	9.10	2.88	3	43.42	13.62	7.86
	5	10	107.73	59.04	18.67	10	86.24	28.07	8.87	10	59.43	29.78	9.42	3	84.47	24.20	13.97
	6	10	117.93	142.09	44.93	10	65.16	58.19	18.40	10	32.03	16.49	5.22	3	71.71	43.32	25.01
	7	10	188.03	97.87	30.95	10	182.25	121.40	38.39	10	128.81	74.59	23.59	3	166.36	32.65	18.85
	8	10	1.55	1.61	0.51	10	1.51	1.19	0.38	10	0.56	0.46	0.14	3	1.20	0.56	0.32
	9	10	352.34	126.72	40.07	10	318.14	69.78	22.07	10	242.45	45.28	14.32	3	304.31	56.23	32.47
30-Minute	1	10	76.89	35.53	11.24	10	80.73	30.73	9.72	10	113.64	70.12	22.17	3	90.42	20.20	11.66
	2	10	42.15	30.02	9.49	10	27.92	13.13	4.15	10	25.57	10.13	3.20	3	31.88	8.97	5.18
	3	10	29.42	15.12	4.78	10	27.21	8.42	2.66	10	25.85	18.68	5.91	3	27.49	1.80	1.04
	4	10	25.35	12.45	3.94	10	33.79	8.69	2.75	10	24.69	5.44	1.72	3	27.94	5.07	2.93
	5	10	51.72	20.56	6.50	10	43.03	8.45	2.67	10	32.27	10.16	3.21	3	42.34	9.74	5.62
	6	10	31.83	22.32	7.06	10	32.21	14.55	4.60	10	20.81	4.83	1.53	3	28.29	6.47	3.74
	7	10	73.16	19.42	6.14	10	63.07	15.59	4.93	10	47.90	8.87	2.80	3	61.38	12.72	7.34
	8	10	0.49	0.34	0.11	10	0.38	0.51	0.16	10	0.19	0.27	0.09	3	0.35	0.15	0.09
	9	10	225.53	68.71	21.73	10	212.68	41.74	13.20	10	222.02	90.52	28.63	3	220.07	6.64	3.83
90-Minute	1	10	97.14	60.97	19.28	10	94.22	54.16	17.13	10	69.36	26.06	8.24	3	86.91	15.27	8.81
	2	10	37.54	25.97	8.21	10	27.62	15.20	4.81	10	34.62	15.03	4.75	3	33.26	5.10	2.94
	3	10	29.89	10.59	3.35	10	28.55	12.85	4.06	10	26.88	15.29	4.84	3	28.44	1.51	0.87
	4	10	37.94	18.78	5.94	10	39.76	11.76	3.72	10	24.30	9.99	3.16	3	34.00	8.45	4.88
	5	10	81.67	53.04	16.77	10	37.72	9.44	2.99	10	31.50	14.31	4.53	3	50.30	27.35	15.79
	6	10	52.67	39.06	12.35	10	45.86	18.97	6.00	10	37.12	22.18	7.01	3	45.22	7.79	4.50
	7	10	159.22	47.37	14.98	10	112.09	30.44	9.62	10	83.28	59.60	18.85	3	118.20	38.34	22.13
	8	10	1.52	1.07	0.34	10	0.65	0.32	0.10	10	0.55	0.48	0.15	3	0.90	0.53	0.31
	9	10	284.18	119.97	37.94	10	227.88	54.82	17.34	10	186.66	48.80	15.43	3	232.91	48.95	28.26
300-Minute	1	10	28.09	10.87	3.44	10	24.23	11.78	3.73	10	37.78	10.81	3.42	3	30.03	6.98	4.03
	2	10	12.84	4.41	1.40	10	14.40	7.02	2.22	10	21.96	6.39	2.02	3	16.40	4.88	2.82
	3	10	24.64	10.06	3.18	10	14.67	6.40	2.03	10	25.22	9.66	3.05	3	21.51	5.93	3.42
	4	10	88.52	44.50	14.07	10	69.37	35.79	11.32	10	62.56	23.81	7.53	3	73.48	13.46	7.77
	5	10	82.44	31.60	9.99	10	89.45	57.53	18.19	10	83.91	19.45	6.15	3	85.27	3.70	2.13
	6	10	67.14	27.84	8.80	10	69.99	37.76	11.94	10	58.42	19.26	6.09	3	65.18	6.03	3.48
	7	10	233.80	88.42	27.96	10	225.34	106.88	33.80	10	202.05	41.56	13.14	3	220.40	16.44	9.49
	8	10	1.79	0.54	0.17	10	2.03	1.17	0.37	10	1.53	0.81	0.26	3	1.78	0.25	0.14
	9	10	236.52	62.40	19.73	10	212.11	98.57	31.17	10	231.44	40.27	12.74	3	226.69	12.88	7.44

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	13.18	3.32	1.05	10	24.04	8.74	2.76	10	32.39	18.57	5.87	3	23.20	9.63	5.56
	2	10	12.56	6.29	1.99	10	21.64	11.87	3.75	10	20.01	9.86	3.12	3	18.07	4.84	2.80
	3	10	23.16	10.49	3.32	10	22.56	15.88	5.02	10	34.23	20.31	6.42	3	26.65	6.57	3.79
	4	10	46.52	17.29	5.47	10	35.20	19.93	6.30	10	36.49	21.70	6.86	3	39.40	6.20	3.58
	5	10	64.10	25.85	8.17	10	58.99	27.09	8.57	10	58.33	33.01	10.44	3	60.48	3.16	1.82
	6	10	52.13	22.57	7.14	10	38.69	26.50	8.38	10	41.82	20.49	6.48	3	44.21	7.03	4.06
	7	10	153.97	47.39	14.99	10	115.47	53.21	16.83	10	127.74	62.50	19.77	3	132.39	19.67	11.35
	8	10	1.44	0.76	0.24	10	1.34	1.55	0.49	10	1.06	0.44	0.14	3	1.28	0.20	0.11
	9	10	159.52	47.24	14.94	10	162.43	48.90	15.46	10	181.45	66.88	21.15	3	167.80	11.91	6.88

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	78.28	34.02	10.76	10	49.06	27.98	8.85	10	65.16	38.49	12.17	3	64.16	14.63	8.45
	2	10	51.02	19.70	6.23	10	37.98	12.94	4.09	10	41.98	17.31	5.48	3	43.66	6.68	3.86
	3	10	29.81	15.37	4.86	10	40.82	14.47	4.57	10	37.72	16.94	5.36	3	36.12	5.68	3.28
	4	10	24.37	8.04	2.54	10	25.40	9.87	3.12	10	21.71	7.78	2.46	3	23.83	1.90	1.10
	5	10	28.79	12.77	4.04	10	41.70	17.47	5.53	10	39.34	15.45	4.88	3	36.61	6.87	3.97
	6	10	44.97	70.04	22.15	10	31.99	13.04	4.12	10	20.49	6.76	2.14	3	32.48	12.25	7.07
	7	10	70.60	41.25	13.04	10	115.22	61.73	19.52	10	71.57	31.49	9.96	3	85.80	25.48	14.71
	8	10	1.13	1.68	0.53	10	2.10	1.44	0.46	10	0.96	0.50	0.16	3	1.39	0.62	0.36
	9	10	206.19	58.21	18.41	10	194.96	39.94	12.63	10	205.91	62.81	19.86	3	202.35	6.40	3.70
30-Minute	1	10	66.65	37.27	11.79	10	49.10	13.62	4.31	10	71.36	36.85	11.65	3	62.37	11.73	6.77
	2	10	36.01	22.07	6.98	10	28.57	16.98	5.37	10	32.43	15.06	4.76	3	32.34	3.72	2.15
	3	10	29.80	13.68	4.33	10	25.24	11.48	3.63	10	24.18	21.69	6.86	3	26.41	2.99	1.72
	4	10	16.54	5.59	1.77	10	18.11	4.68	1.48	10	13.51	5.25	1.66	3	16.06	2.34	1.35
	5	10	25.17	7.90	2.50	10	23.97	5.88	1.86	10	15.99	5.14	1.62	3	21.71	4.99	2.88
	6	10	15.87	6.69	2.11	10	17.39	4.92	1.56	10	10.76	4.47	1.41	3	14.67	3.47	2.01
	7	10	54.76	16.47	5.21	10	39.24	7.20	2.28	10	27.25	9.81	3.10	3	40.42	13.79	7.96
	8	10	0.55	0.39	0.12	10	0.35	0.26	0.08	10	0.11	0.30	0.09	3	0.34	0.22	0.13
	9	10	174.17	55.85	17.66	10	144.99	22.48	7.11	10	157.47	65.04	20.57	3	158.88	14.64	8.45
90-Minute	1	10	68.56	44.56	14.09	10	71.56	37.02	11.71	10	63.36	29.57	9.35	3	67.83	4.15	2.40
	2	10	29.06	9.82	3.11	10	26.36	14.31	4.52	10	33.95	19.40	6.13	3	29.79	3.85	2.22
	3	10	27.12	14.93	4.72	10	23.65	9.60	3.04	10	26.25	16.43	5.19	3	25.67	1.80	1.04
	4	10	35.91	16.96	5.36	10	19.64	4.43	1.40	10	16.87	6.74	2.13	3	24.14	10.29	5.94
	5	10	53.04	34.57	10.93	10	30.84	11.05	3.50	10	25.83	10.98	3.47	3	36.57	14.48	8.36
	6	10	32.48	16.19	5.12	10	19.65	6.55	2.07	10	16.64	5.24	1.66	3	22.92	8.41	4.86
	7	10	136.83	66.76	21.11	10	75.98	20.63	6.52	10	64.62	43.80	13.85	3	92.48	38.83	22.42
	8	10	1.71	1.39	0.44	10	0.92	0.42	0.13	10	1.02	1.21	0.38	3	1.22	0.43	0.25
	9	10	213.69	68.84	21.77	10	172.05	40.08	12.68	10	166.26	36.01	11.39	3	184.00	25.87	14.94
300-Minute	1	10	31.34	10.01	3.17	10	30.16	13.84	4.38	10	32.79	10.88	3.44	3	31.43	1.31	0.76
	2	10	15.85	5.15	1.63	10	14.06	8.22	2.60	10	24.26	11.10	3.51	3	18.06	5.44	3.14
	3	10	22.31	6.28	1.99	10	22.99	11.14	3.52	10	27.93	11.51	3.64	3	24.41	3.07	1.77
	4	10	78.80	31.25	9.88	10	68.71	31.57	9.98	10	64.35	20.46	6.47	3	70.62	7.41	4.28
	5	10	92.36	40.60	12.84	10	98.34	57.58	18.21	10	84.43	22.44	7.10	3	91.71	6.98	4.03
	6	10	63.74	24.31	7.69	10	77.98	33.84	10.70	10	63.77	16.62	5.26	3	68.50	8.21	4.74
	7	10	243.20	60.50	19.13	10	252.18	107.37	33.95	10	220.08	56.65	17.92	3	238.49	16.56	9.56
	8	10	1.94	0.53	0.17	10	2.57	1.08	0.34	10	2.15	1.16	0.37	3	2.22	0.32	0.18
	9	10	240.66	50.97	16.12	10	234.27	101.25	32.02	10	233.75	43.55	13.77	3	236.23	3.85	2.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	23.09	7.84	2.48	10	24.84	9.79	3.09	10	29.05	9.21	2.91	3	25.66	3.06	1.77
	2	10	14.09	6.10	1.93	10	18.72	6.52	2.06	10	19.17	6.71	2.12	3	17.33	2.81	1.62
	3	10	21.09	10.76	3.40	10	28.00	22.45	7.10	10	34.31	19.07	6.03	3	27.80	6.61	3.82
	4	10	45.60	17.42	5.51	10	38.41	20.22	6.40	10	37.72	20.24	6.40	3	40.58	4.36	2.52
	5	10	64.83	25.20	7.97	10	67.35	33.43	10.57	10	59.10	30.63	9.68	3	63.76	4.23	2.44
	6	10	49.07	16.37	5.18	10	40.12	31.91	10.09	10	41.38	23.08	7.30	3	43.52	4.85	2.80
	7	10	178.12	66.54	21.04	10	122.56	69.08	21.84	10	133.87	67.79	21.44	3	144.85	29.36	16.95
	8	10	1.65	0.91	0.29	10	1.97	2.25	0.71	10	1.16	0.55	0.17	3	1.59	0.41	0.24
	9	10	168.70	40.35	12.76	10	177.32	71.10	22.48	10	179.35	62.01	19.61	3	175.13	5.65	3.26

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

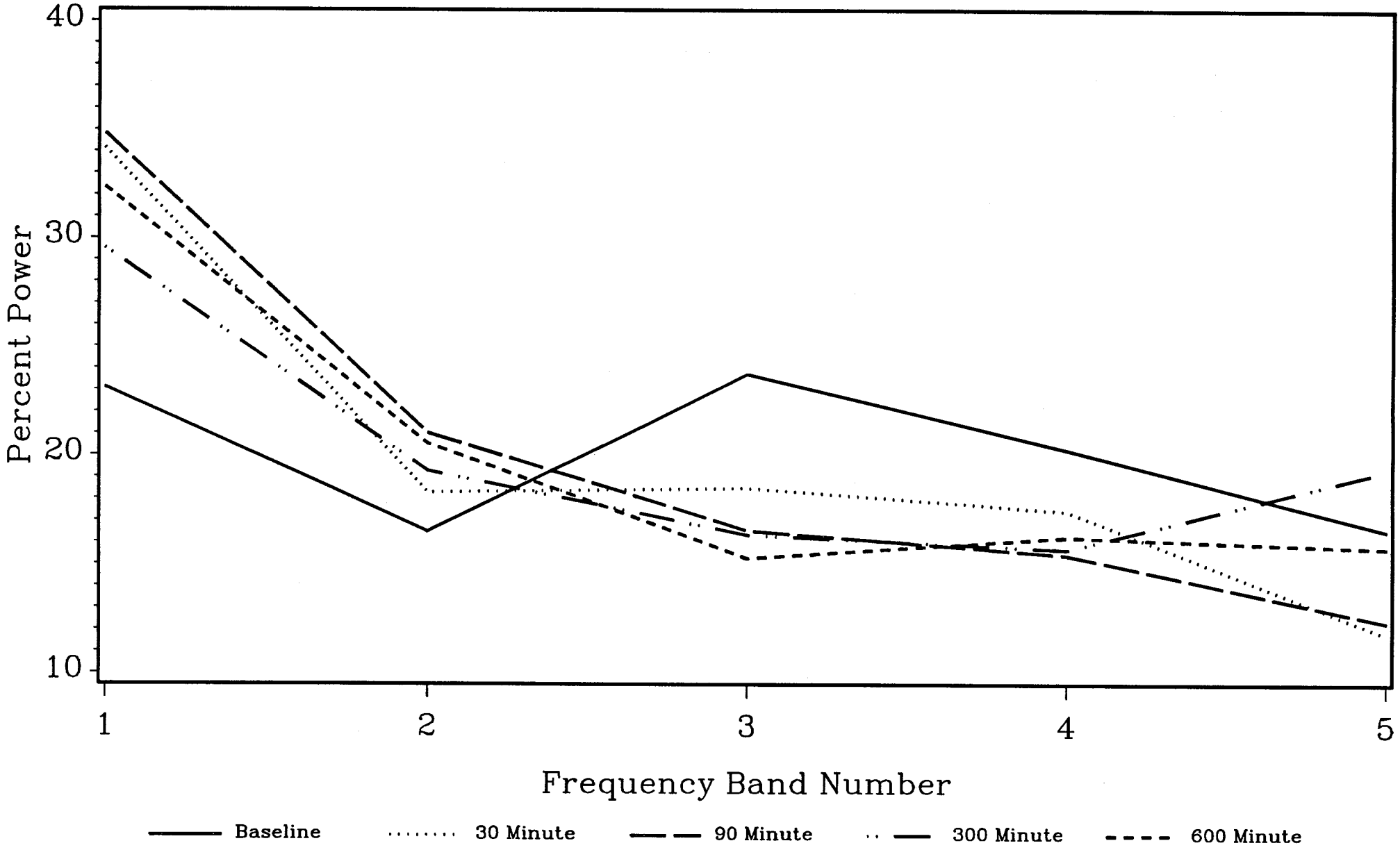
Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	20.37	14.12	4.47	10	22.33	9.88	3.13	10	22.20	11.55	3.65	3	21.63	1.10	0.63
	2	10	13.51	8.58	2.71	10	14.77	4.36	1.38	10	12.25	3.81	1.20	3	13.51	1.26	0.73
	3	10	19.93	10.85	3.43	10	17.58	5.50	1.74	10	20.21	8.07	2.55	3	19.24	1.45	0.83
	4	10	17.34	5.28	1.67	10	18.54	5.82	1.84	10	20.94	6.66	2.11	3	18.94	1.83	1.06
	5	10	28.85	11.76	3.72	10	26.79	8.19	2.59	10	24.41	7.11	2.25	3	26.68	2.22	1.28
30-Minute	1	10	48.22	22.24	7.03	10	40.57	26.45	8.36	10	65.15	13.73	4.34	3	51.32	12.58	7.26
	2	10	12.50	6.44	2.04	10	10.66	4.66	1.48	10	15.33	6.47	2.05	3	12.83	2.35	1.36
	3	10	10.56	5.20	1.65	10	12.47	5.38	1.70	10	7.69	3.52	1.11	3	10.24	2.41	1.39
	4	10	11.01	5.78	1.83	10	14.37	8.64	2.73	10	6.42	3.28	1.04	3	10.60	3.99	2.30
	5	10	17.71	11.19	3.54	10	21.94	16.09	5.09	10	7.17	3.69	1.17	3	15.60	7.61	4.39
90-Minute	1	10	29.39	13.97	4.42	10	45.30	20.99	6.64	10	49.45	13.97	4.42	3	41.38	10.59	6.11
	2	10	11.84	4.80	1.52	10	13.28	5.79	1.83	10	18.56	7.57	2.39	3	14.56	3.54	2.04
	3	10	15.38	5.75	1.82	10	14.58	8.91	2.82	10	12.11	4.73	1.50	3	14.02	1.70	0.98
	4	10	18.14	7.01	2.22	10	12.51	5.93	1.87	10	9.45	4.18	1.32	3	13.36	4.41	2.54
	5	10	25.25	8.02	2.54	10	14.33	8.20	2.59	10	10.43	6.26	1.98	3	16.67	7.68	4.44
300-Minute	1	10	37.32	14.67	4.64	10	44.41	19.46	6.15	10	51.56	17.13	5.42	3	44.43	7.12	4.11
	2	10	14.03	3.50	1.11	10	16.47	3.93	1.24	10	13.97	3.81	1.20	3	14.83	1.43	0.82
	3	10	16.62	7.13	2.25	10	12.37	4.55	1.44	10	10.18	6.76	2.14	3	13.06	3.28	1.89
	4	10	12.53	5.00	1.58	10	10.12	6.33	2.00	10	10.67	5.09	1.61	3	11.11	1.27	0.73
	5	10	19.48	6.87	2.17	10	16.64	8.47	2.68	10	13.62	6.73	2.13	3	16.58	2.93	1.69
600-Minute	1	10	22.50	9.25	2.92	10	40.14	20.80	6.58	10	45.79	22.23	7.03	3	36.14	12.15	7.01
	2	10	12.62	4.45	1.41	10	14.79	6.69	2.12	10	12.50	4.11	1.30	3	13.31	1.29	0.74
	3	10	14.16	2.15	0.68	10	11.59	5.28	1.67	10	10.74	4.10	1.30	3	12.16	1.78	1.03
	4	10	22.24	7.24	2.29	10	13.71	6.79	2.15	10	9.11	4.23	1.34	3	15.02	6.66	3.85
	5	10	28.48	7.32	2.31	10	19.77	8.54	2.70	10	21.86	18.21	5.76	3	23.37	4.55	2.63

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

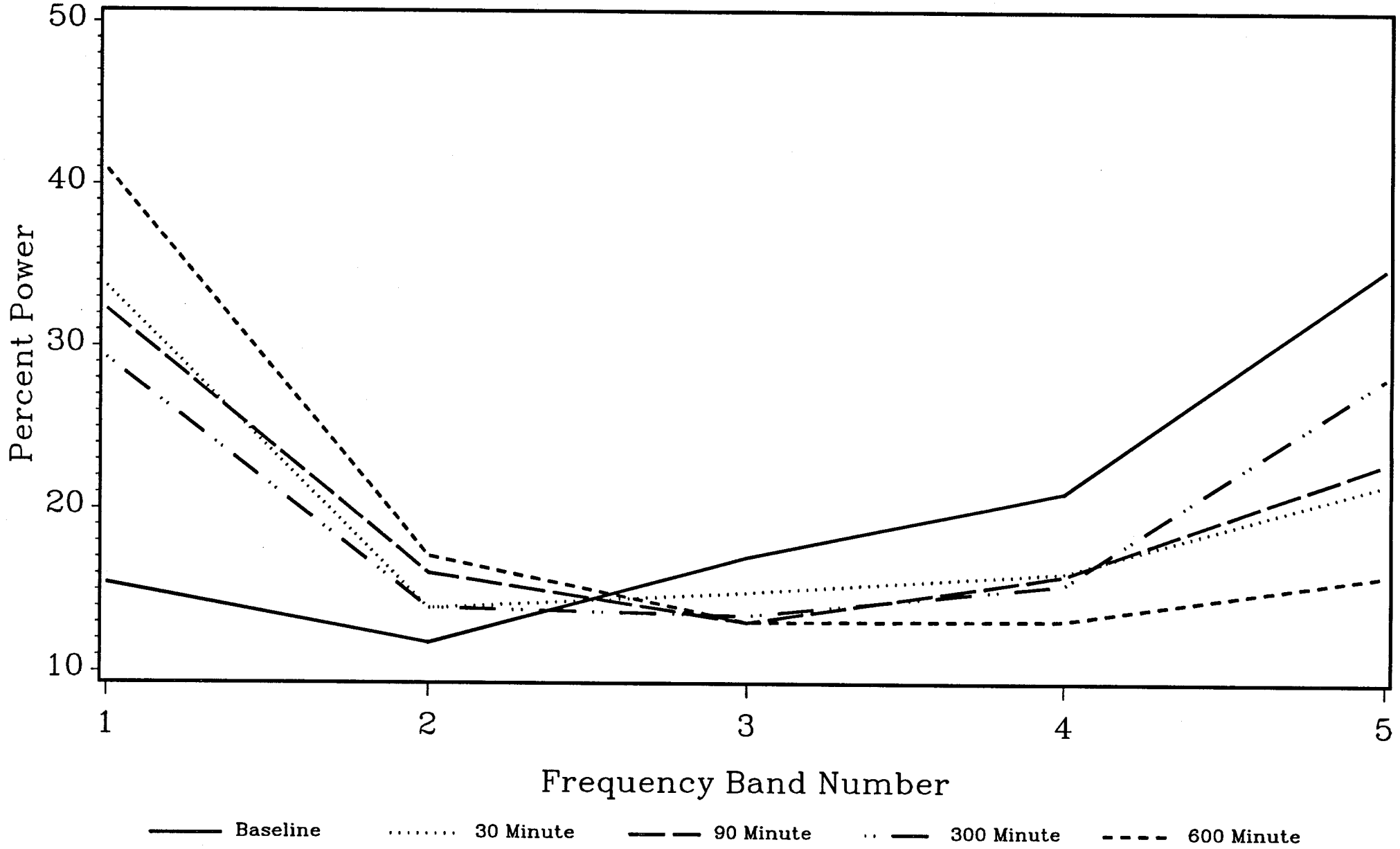
PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	29.67	11.44	3.62	10	22.53	4.52	1.43	10	25.47	10.67	3.38	3	25.89	3.59	2.07
	2	10	16.32	7.21	2.28	10	16.31	5.40	1.71	10	17.83	4.95	1.56	3	16.82	0.88	0.51
	3	10	20.78	7.01	2.22	10	24.86	5.57	1.76	10	23.56	5.54	1.75	3	23.07	2.09	1.20
	4	10	16.87	8.07	2.55	10	15.44	4.71	1.49	10	16.45	5.37	1.70	3	16.25	0.73	0.42
	5	10	16.37	7.72	2.44	10	20.85	7.61	2.41	10	16.68	4.72	1.49	3	17.97	2.50	1.45
30-Minute	1	10	43.51	15.59	4.93	10	50.20	12.15	3.84	10	51.76	10.88	3.44	3	48.49	4.38	2.53
	2	10	14.85	6.78	2.15	10	11.87	5.54	1.75	10	17.31	6.96	2.20	3	14.67	2.72	1.57
	3	10	12.91	9.81	3.10	10	12.53	4.17	1.32	10	12.52	4.37	1.38	3	12.65	0.23	0.13
	4	10	13.44	3.50	1.11	10	13.14	6.76	2.14	10	10.17	3.73	1.18	3	12.25	1.81	1.04
	5	10	15.29	4.68	1.48	10	12.26	6.08	1.92	10	9.08	2.12	0.67	3	12.21	3.10	1.79
90-Minute	1	10	37.96	15.11	4.78	10	33.21	8.56	2.71	10	39.23	12.07	3.82	3	36.80	3.17	1.83
	2	10	14.40	4.92	1.56	10	19.37	9.05	2.86	10	22.93	9.34	2.95	3	18.90	4.28	2.47
	3	10	13.67	4.91	1.55	10	16.02	4.48	1.42	10	14.53	5.99	1.90	3	14.74	1.19	0.69
	4	10	16.58	7.07	2.23	10	17.75	6.94	2.19	10	11.67	3.75	1.19	3	15.33	3.23	1.86
	5	10	17.39	4.55	1.44	10	13.66	4.12	1.30	10	11.66	4.10	1.30	3	14.24	2.91	1.68
300-Minute	1	10	44.59	8.56	2.71	10	44.89	16.49	5.21	10	42.56	12.00	3.80	3	44.01	1.27	0.73
	2	10	14.18	3.43	1.08	10	18.28	9.08	2.87	10	16.94	4.25	1.34	3	16.47	2.09	1.21
	3	10	14.49	5.28	1.67	10	14.21	4.81	1.52	10	15.02	5.39	1.70	3	14.57	0.41	0.24
	4	10	10.34	4.13	1.31	10	9.81	3.32	1.05	10	11.25	3.49	1.10	3	10.46	0.73	0.42
	5	10	16.40	4.43	1.40	10	12.80	5.57	1.76	10	14.24	4.85	1.53	3	14.48	1.81	1.05
600-Minute	1	10	40.51	12.07	3.82	10	31.41	13.29	4.20	10	38.80	17.12	5.41	3	36.90	4.84	2.79
	2	10	13.70	6.12	1.94	10	21.49	6.07	1.92	10	16.36	7.20	2.28	3	17.18	3.96	2.29
	3	10	14.90	4.33	1.37	10	13.87	3.91	1.24	10	11.43	5.09	1.61	3	13.40	1.79	1.03
	4	10	13.69	4.88	1.54	10	14.22	6.74	2.13	10	11.97	5.63	1.78	3	13.29	1.18	0.68
	5	10	17.20	3.95	1.25	10	19.01	5.62	1.78	10	21.46	13.72	4.34	3	19.22	2.13	1.23

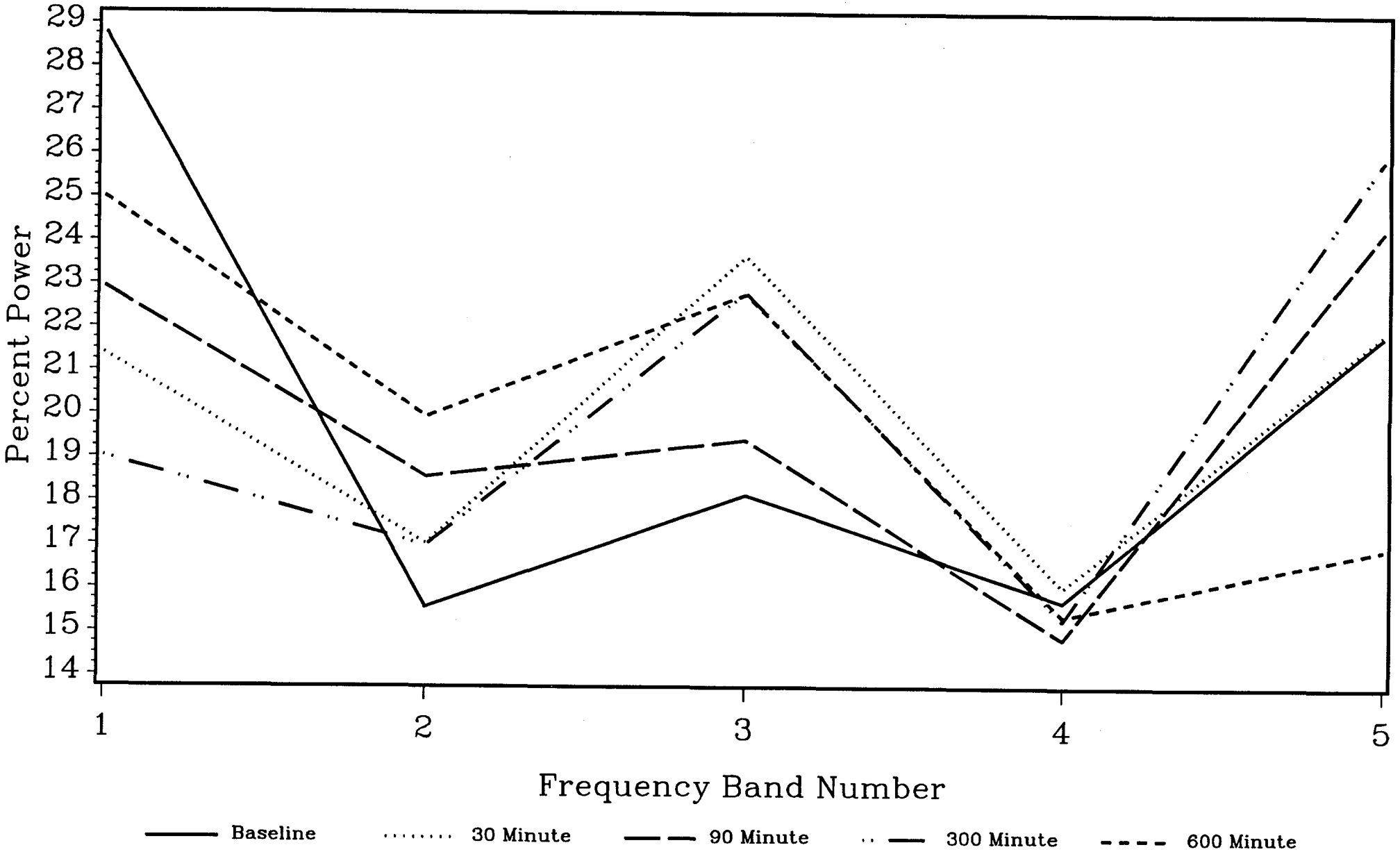
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.1 Channel=2



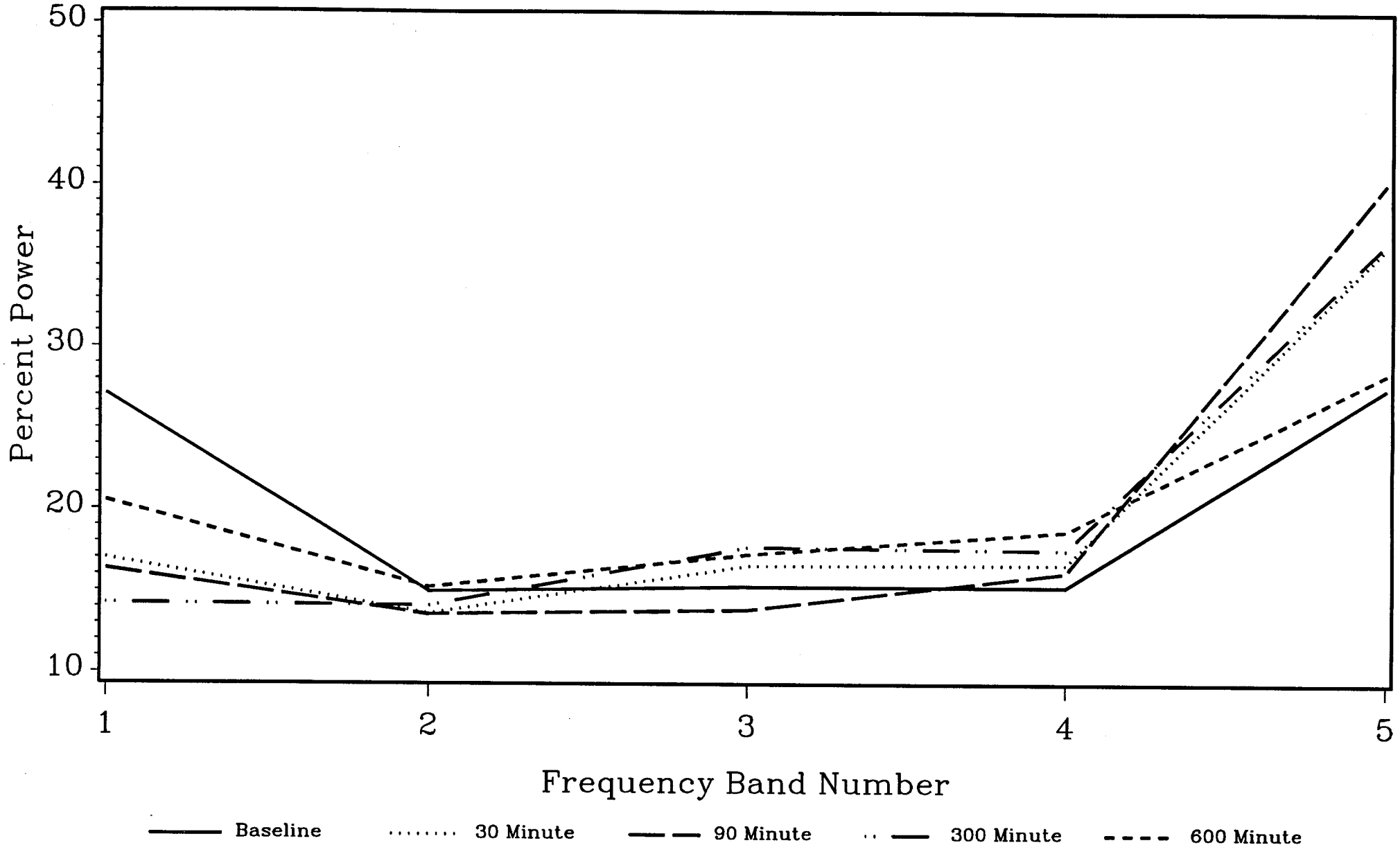
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.1 Channel=1



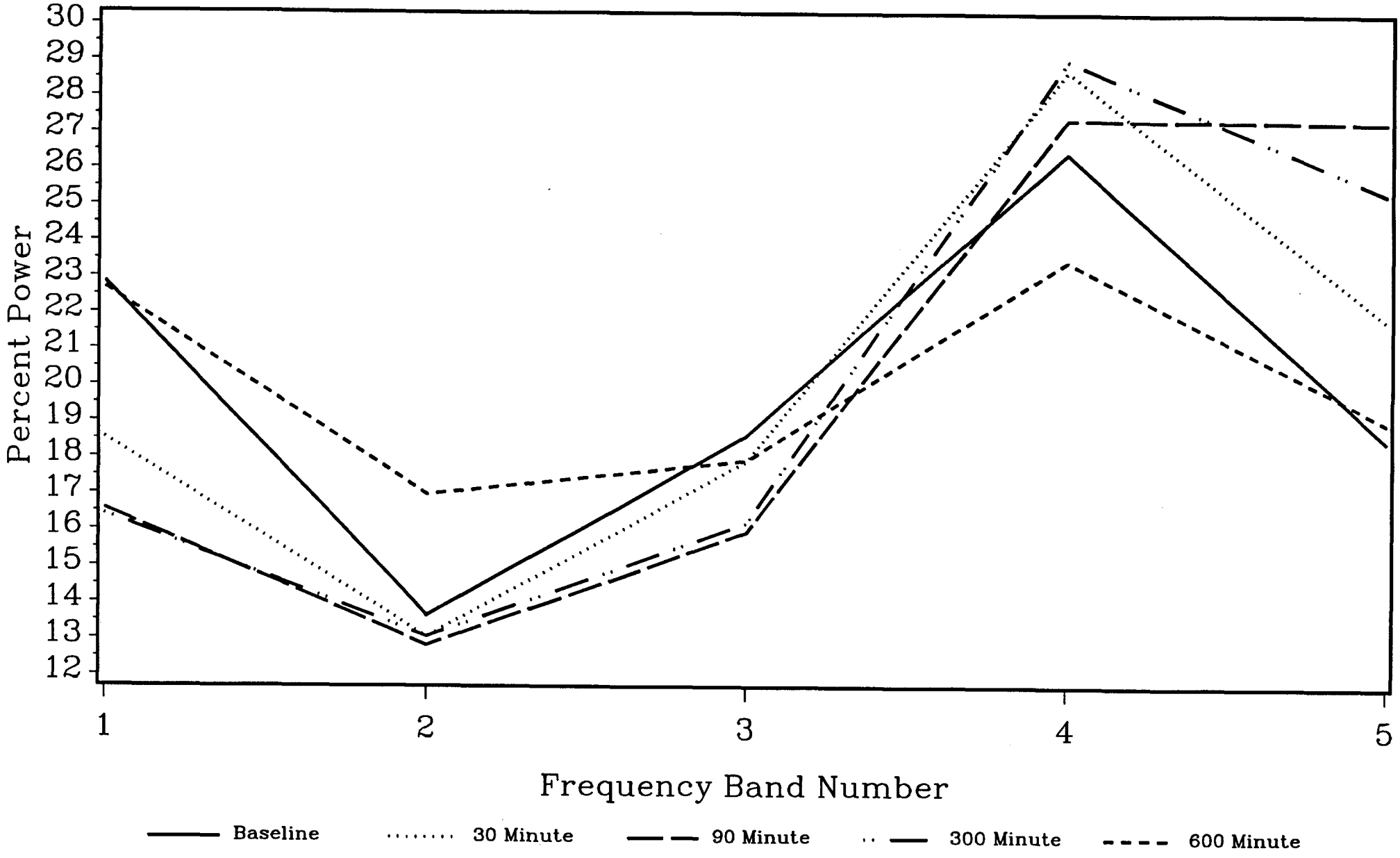
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.0 Channel=4



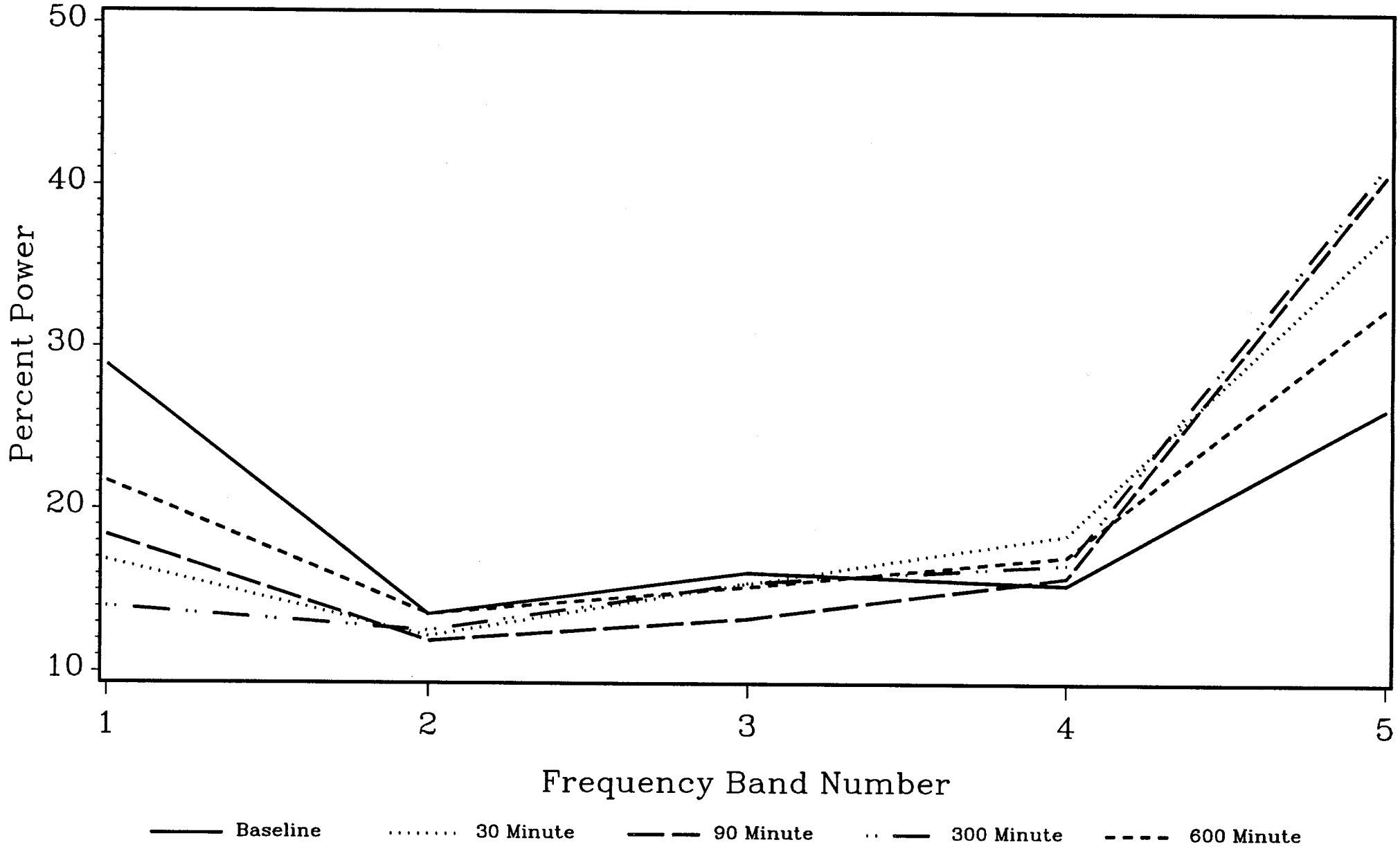
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.0 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.0 Channel=2

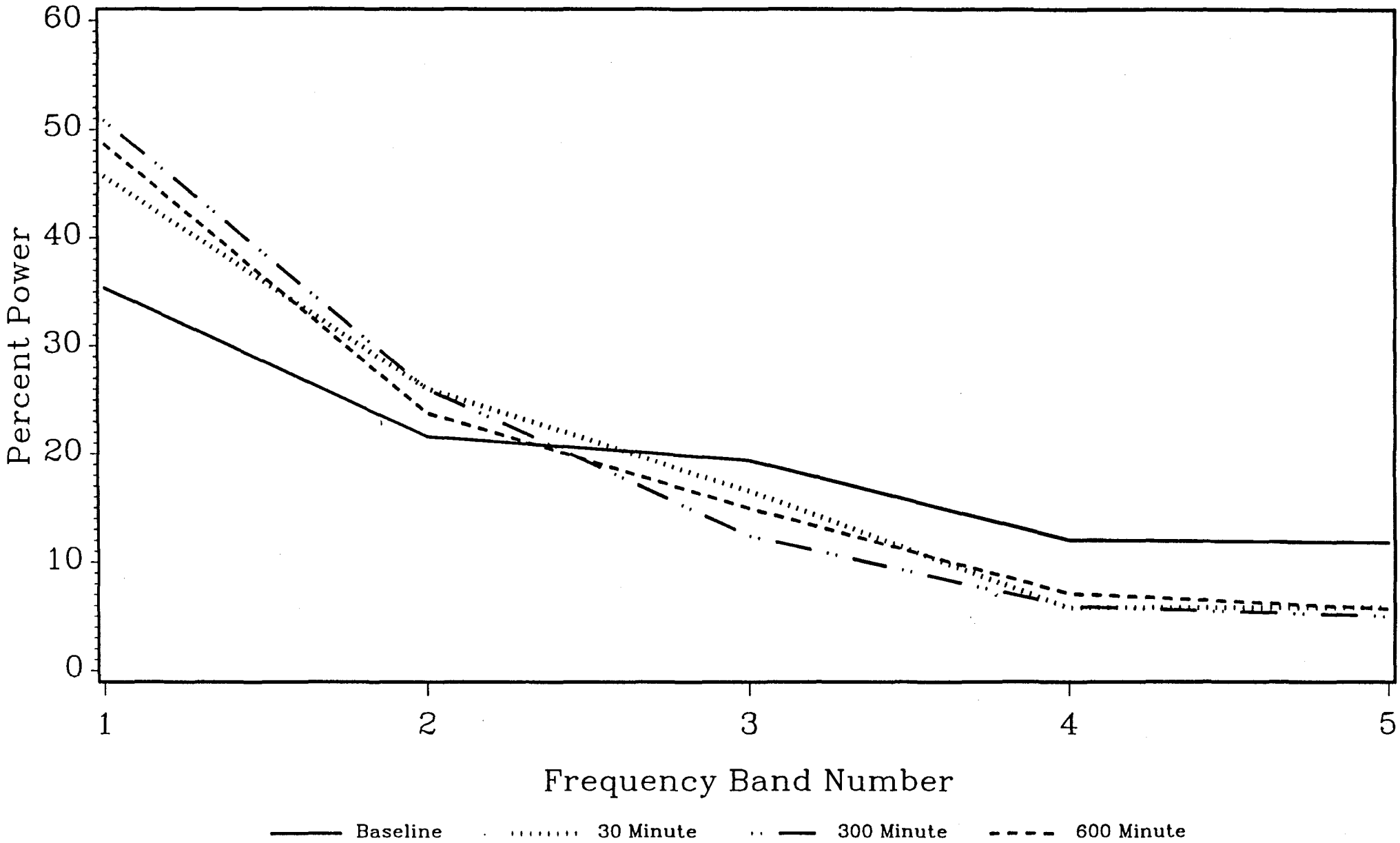


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.0 Channel=1

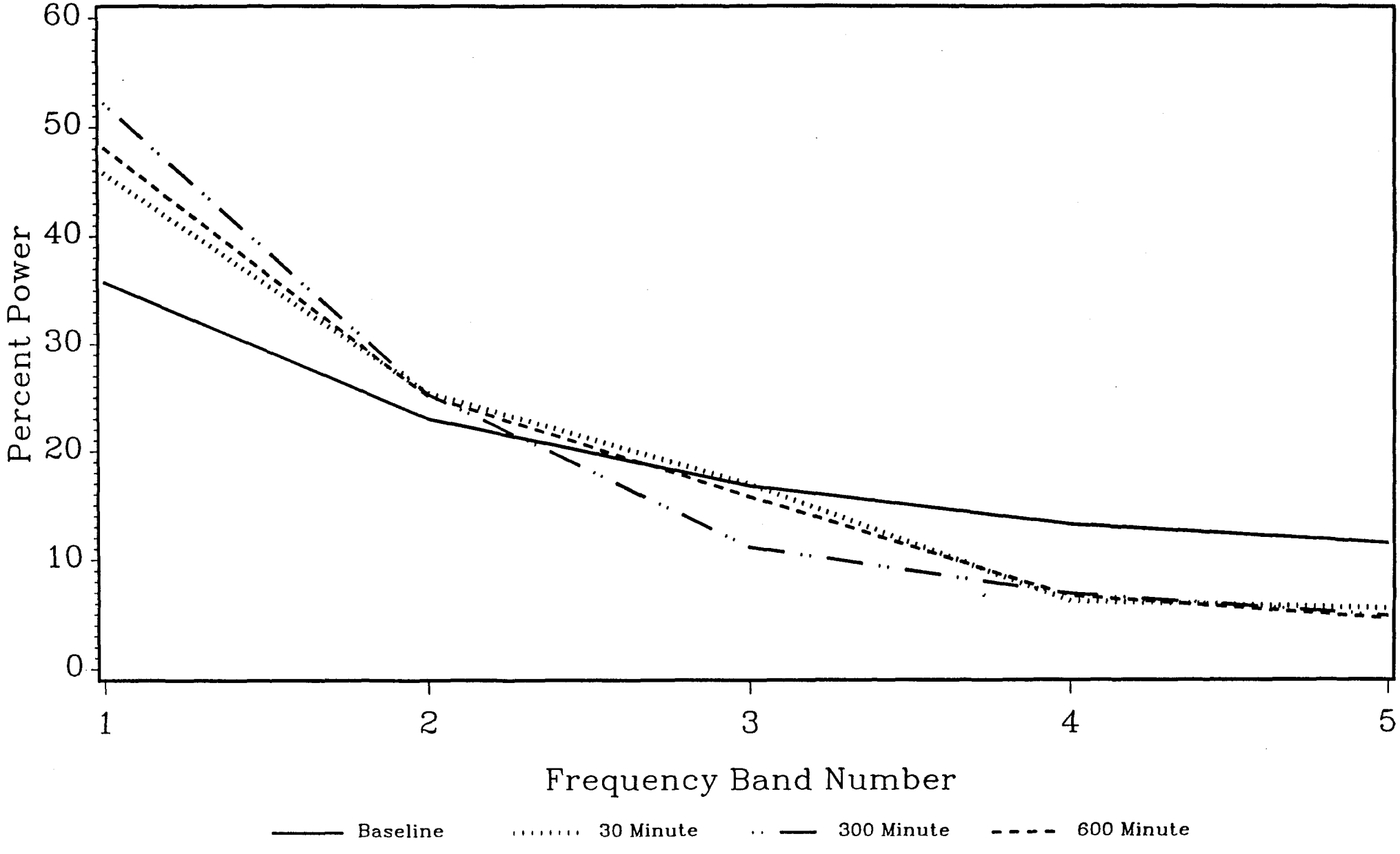


Animal 4E5

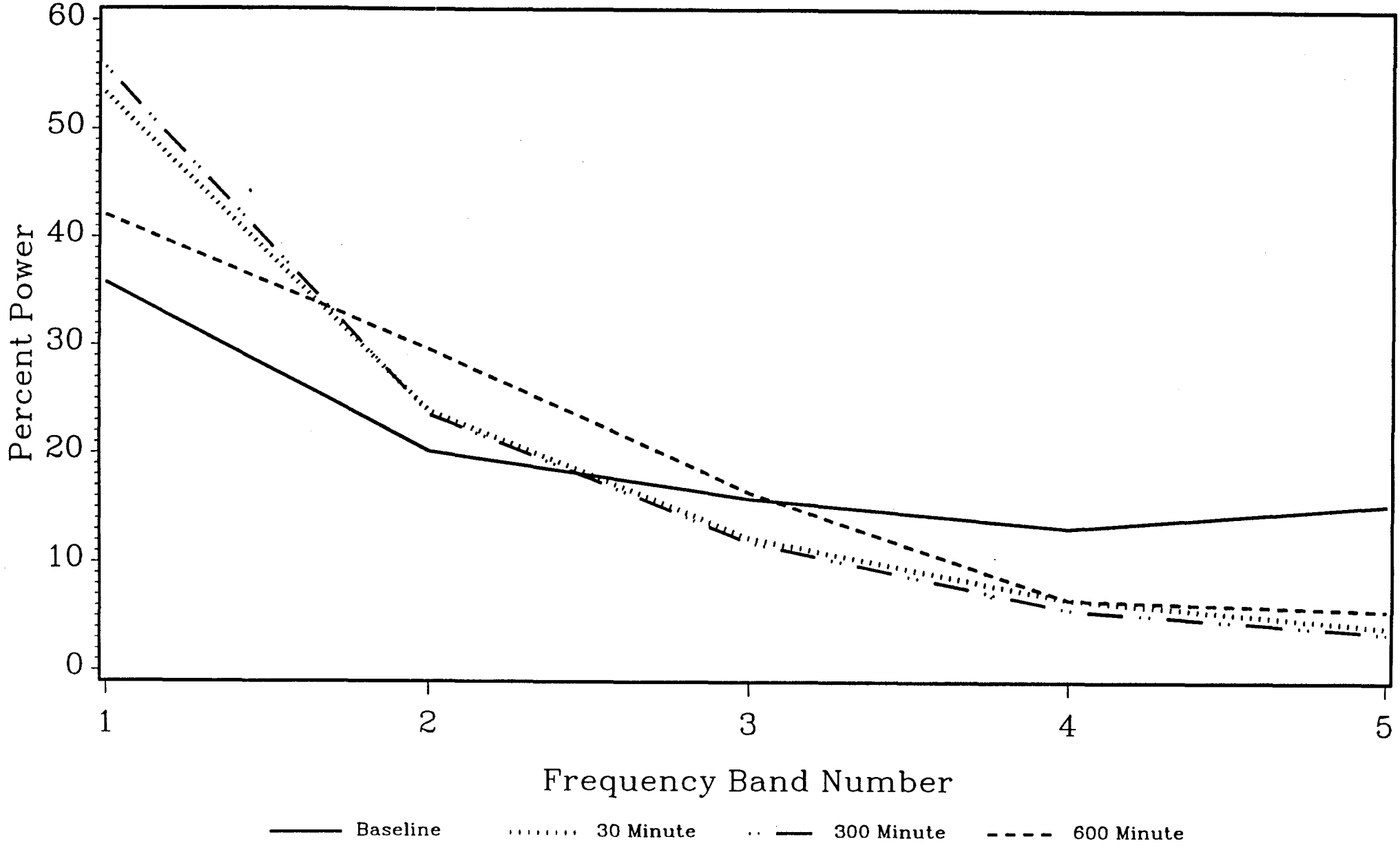
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.4 Channel=4



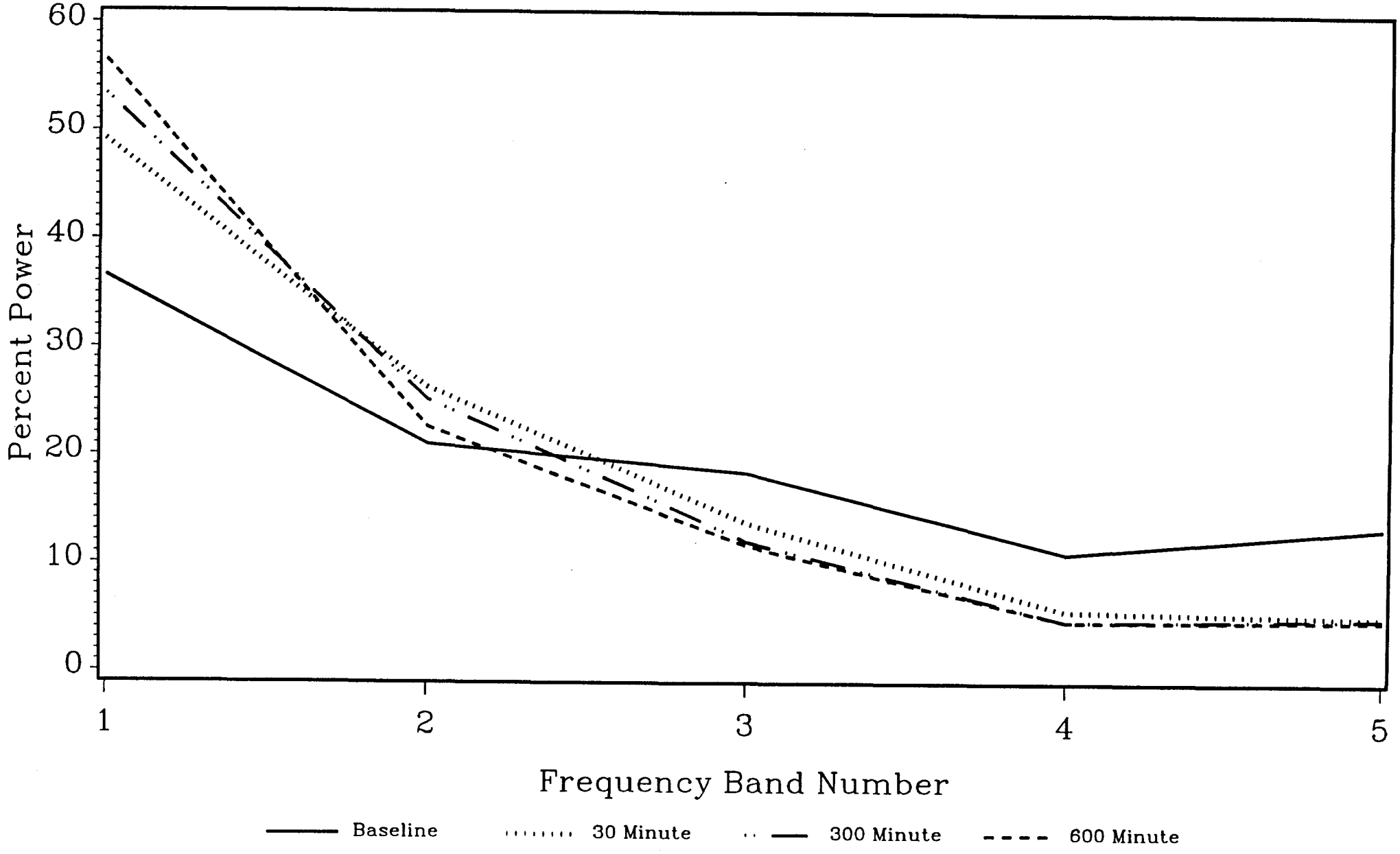
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.4 Channel=3



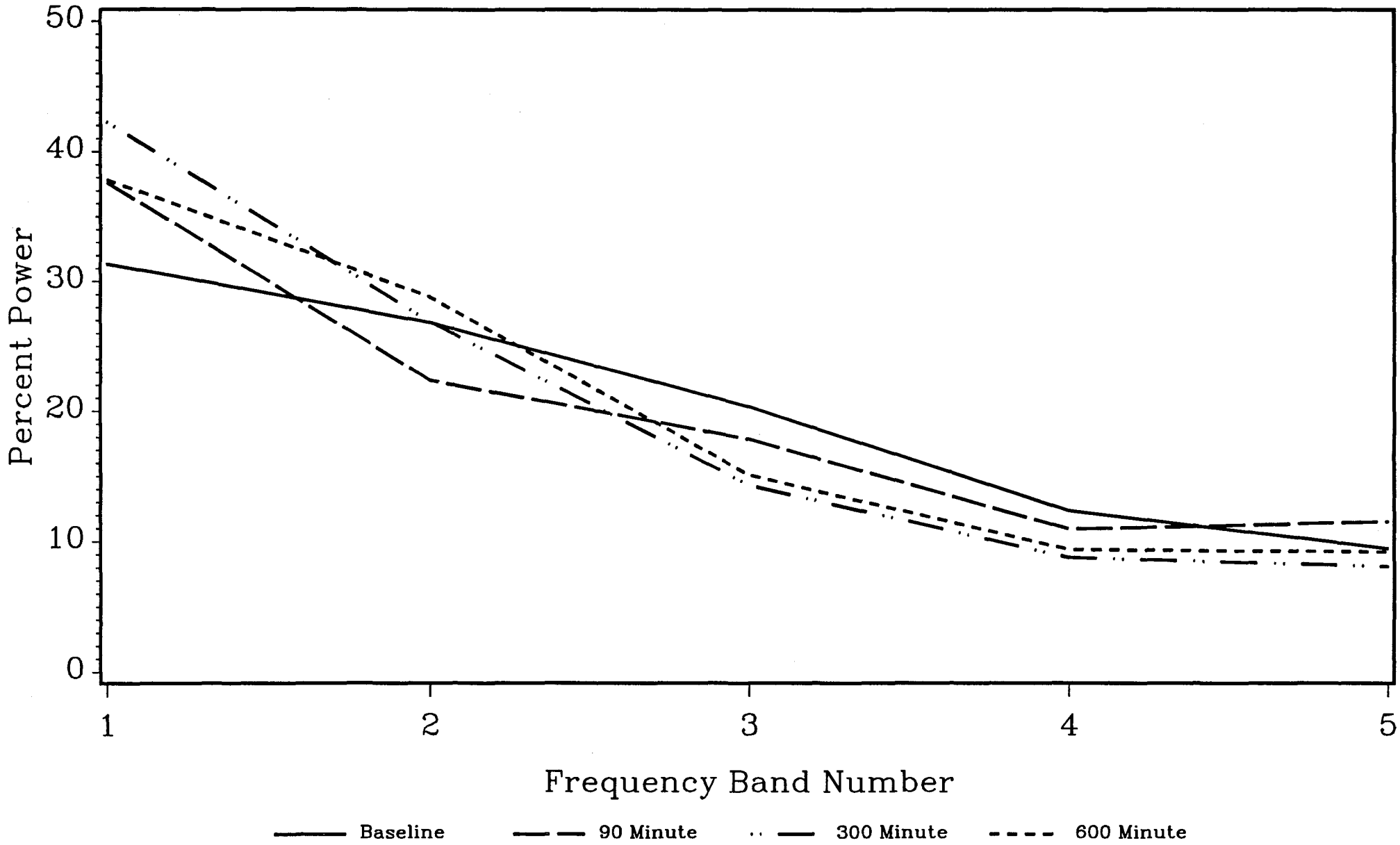
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.4 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.4 Channel=1



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.2 Channel=4



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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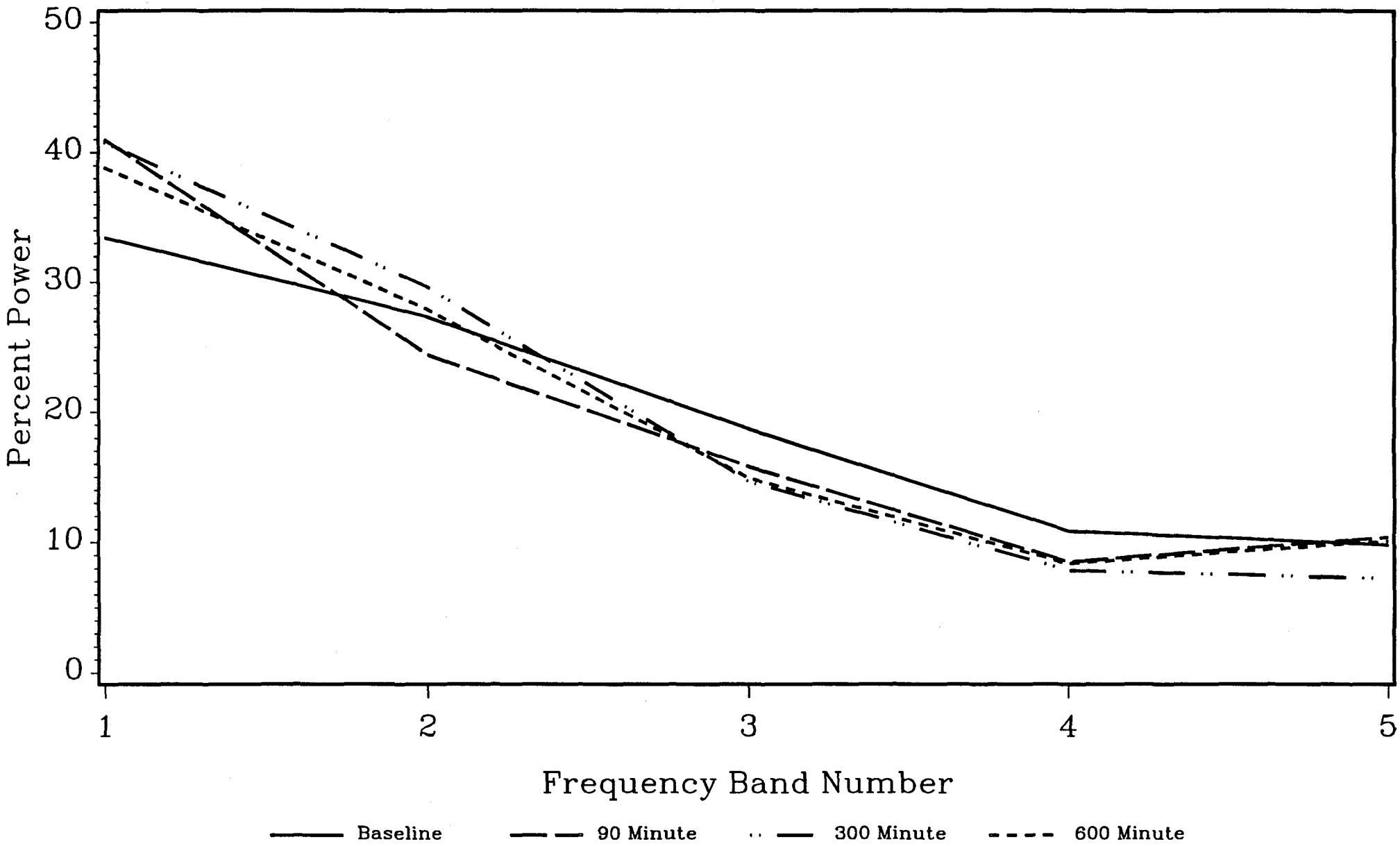
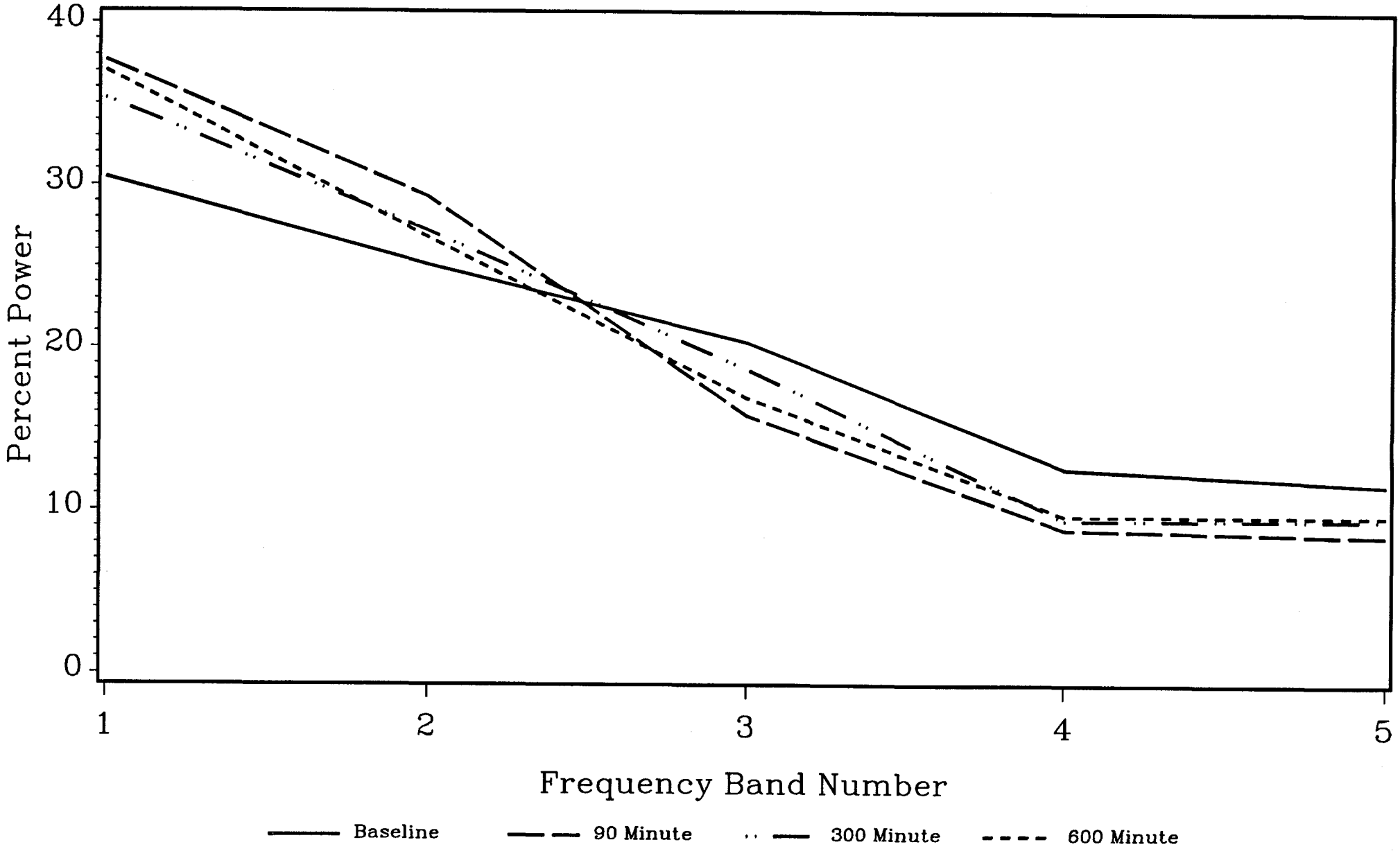
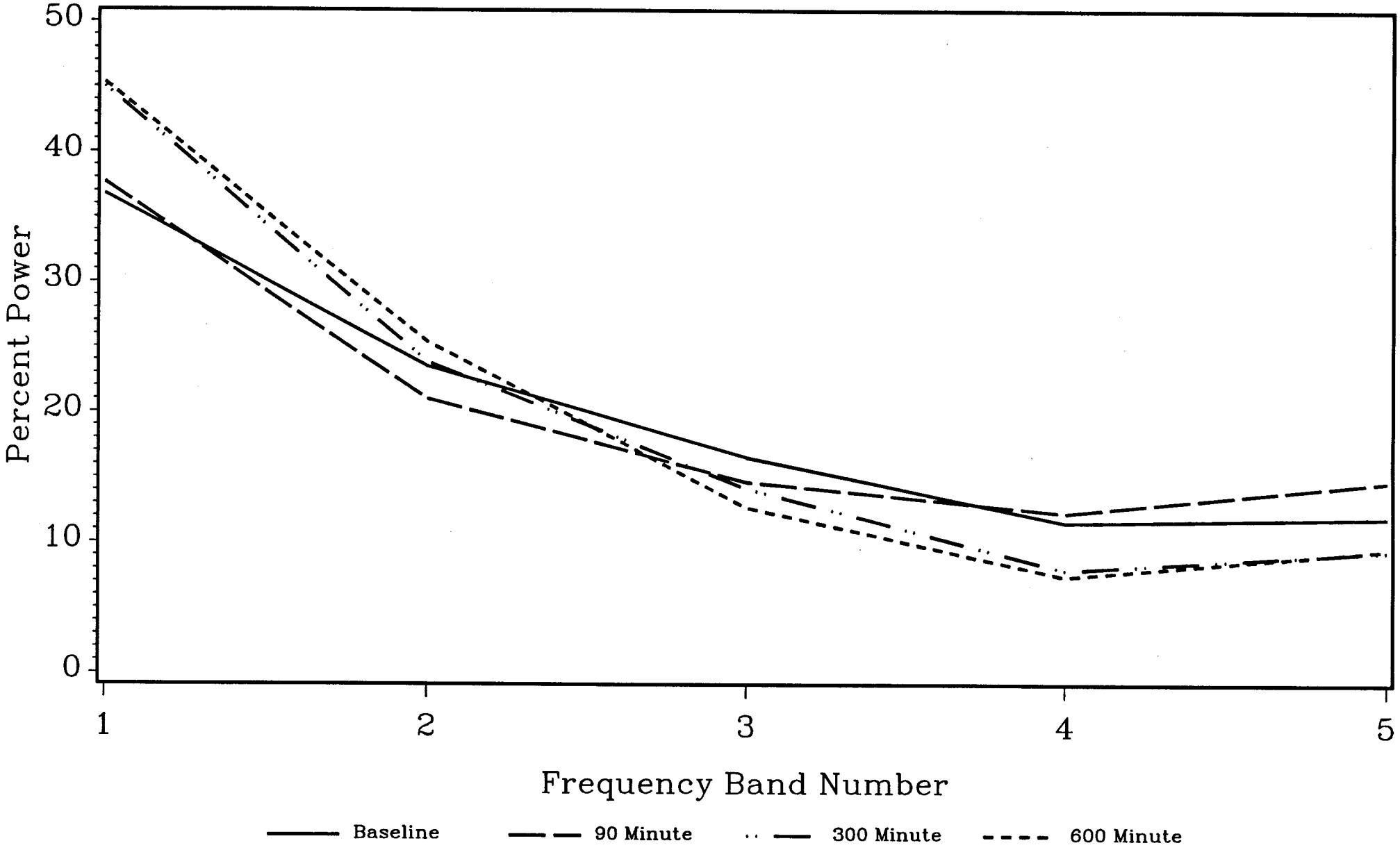
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.2 Channel=3



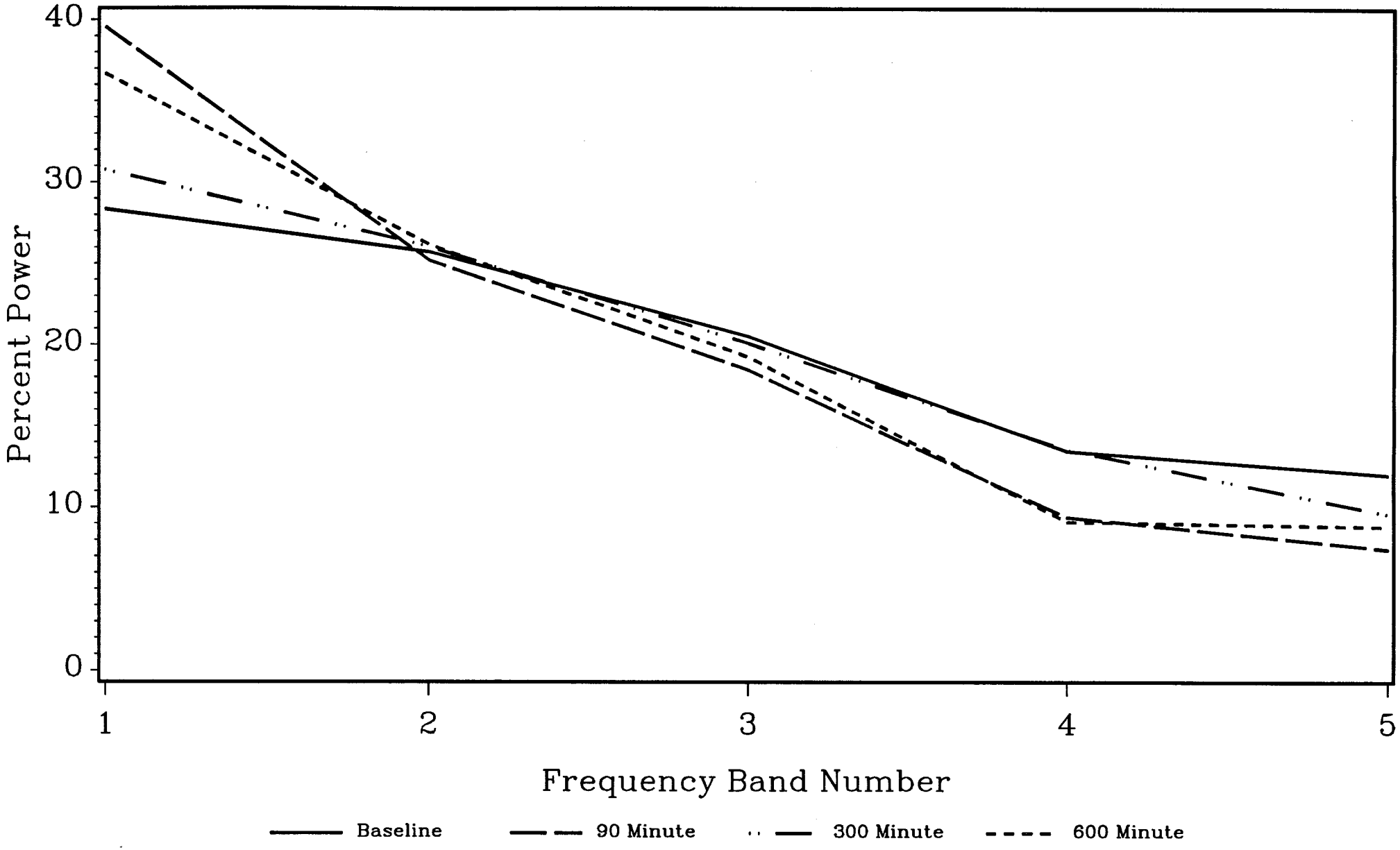
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.2 Channel=2



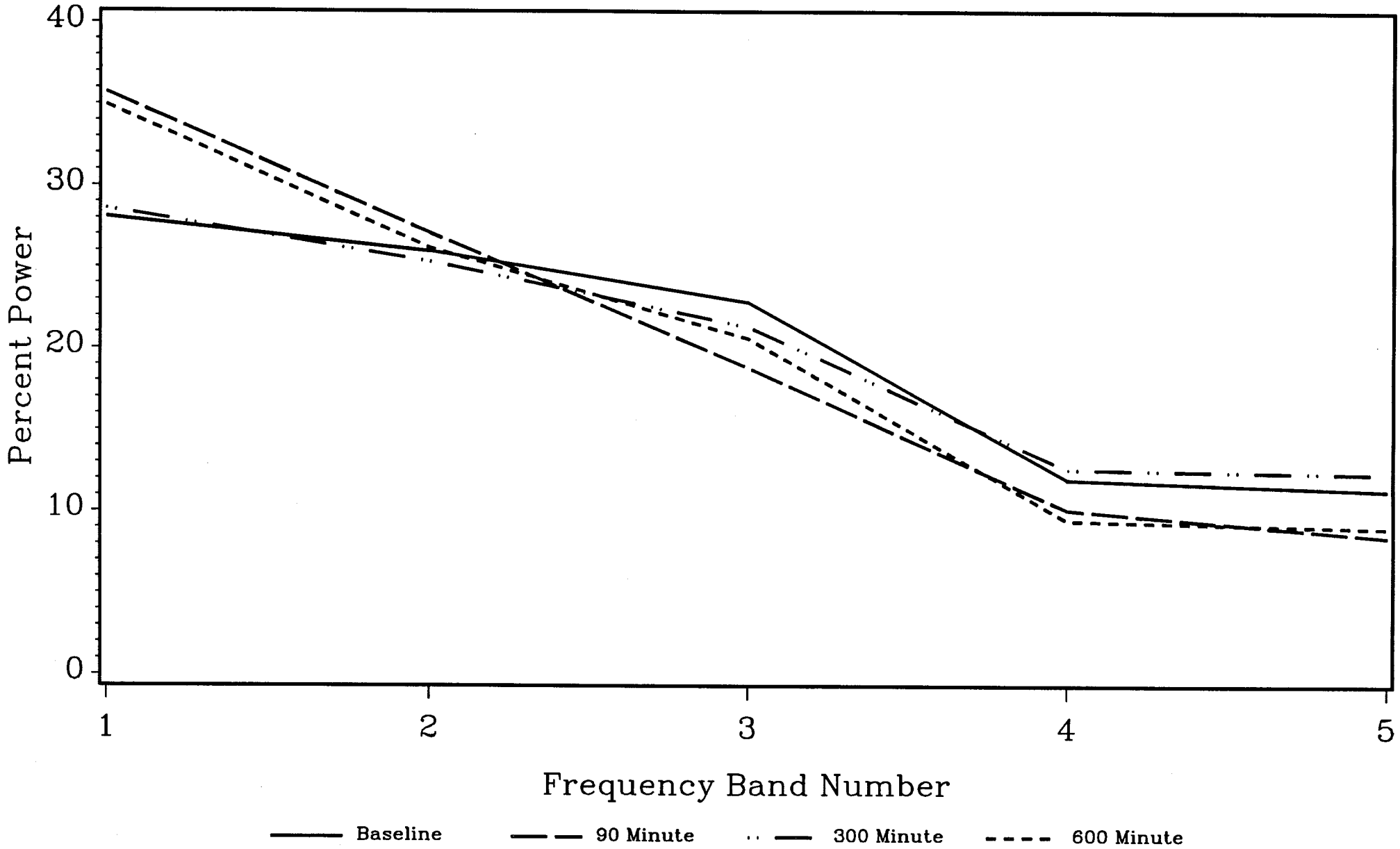
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.2 Channel=1



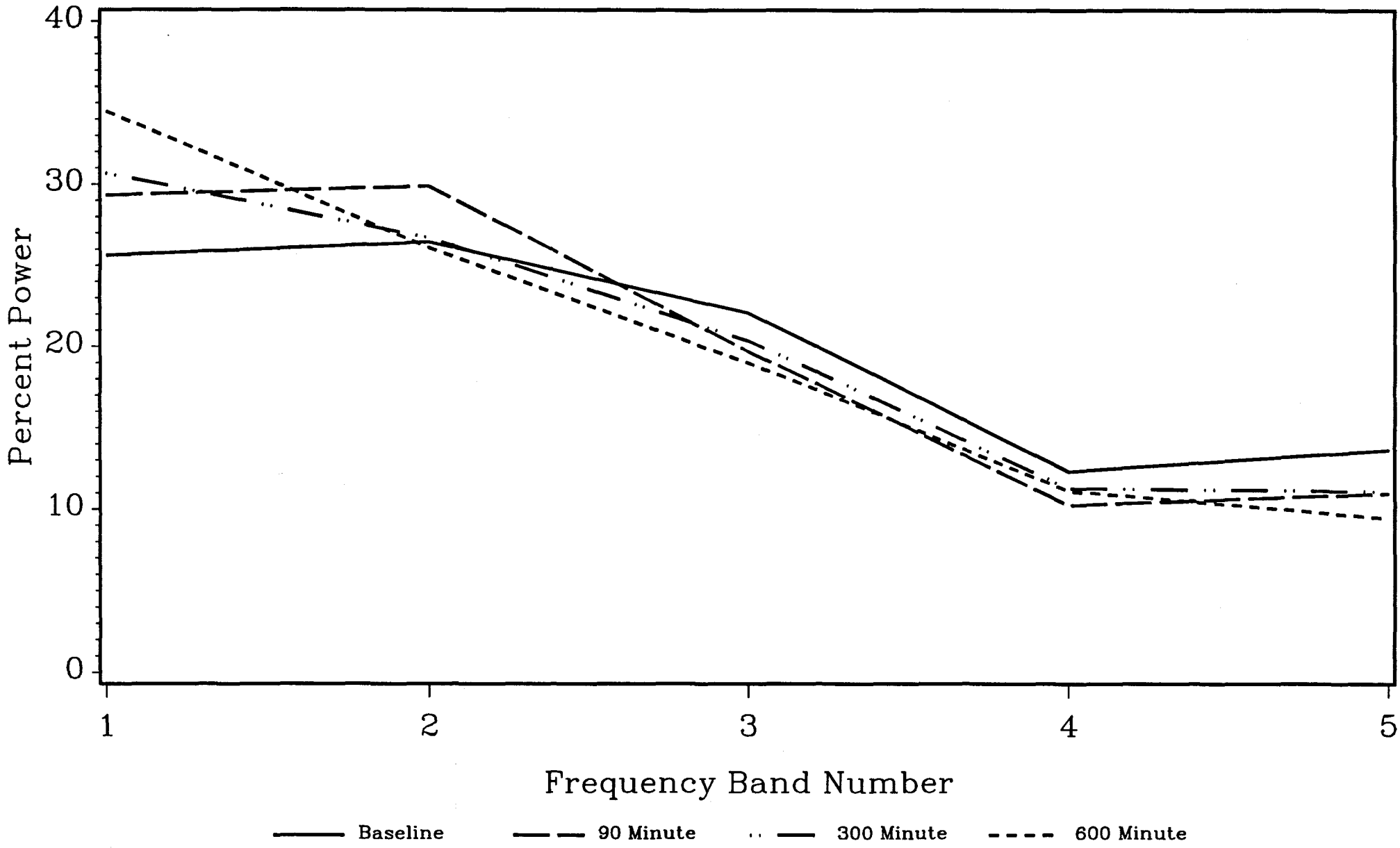
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.1 Channel=4



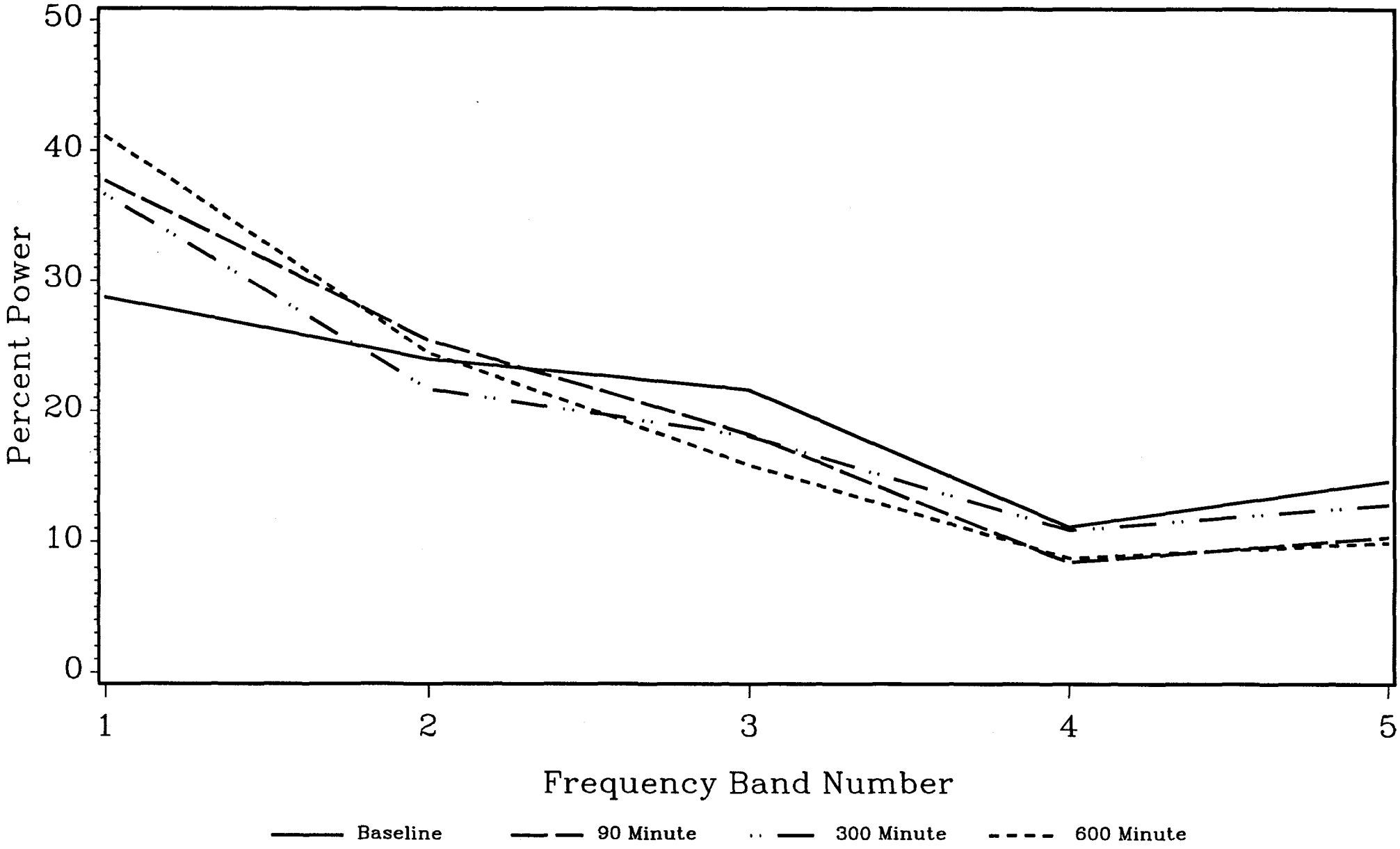
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.1 Channel=3



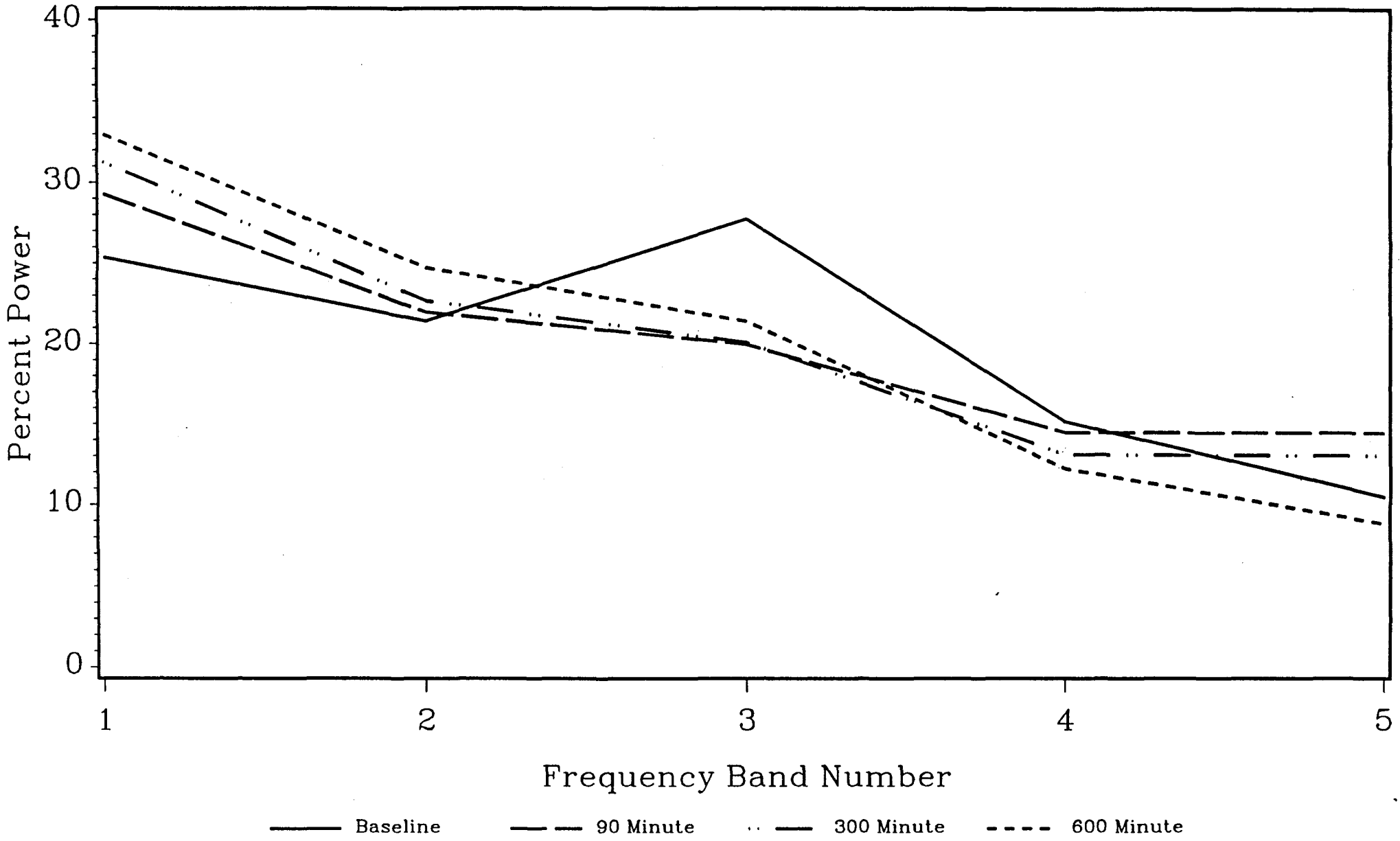
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.1 Channel=2



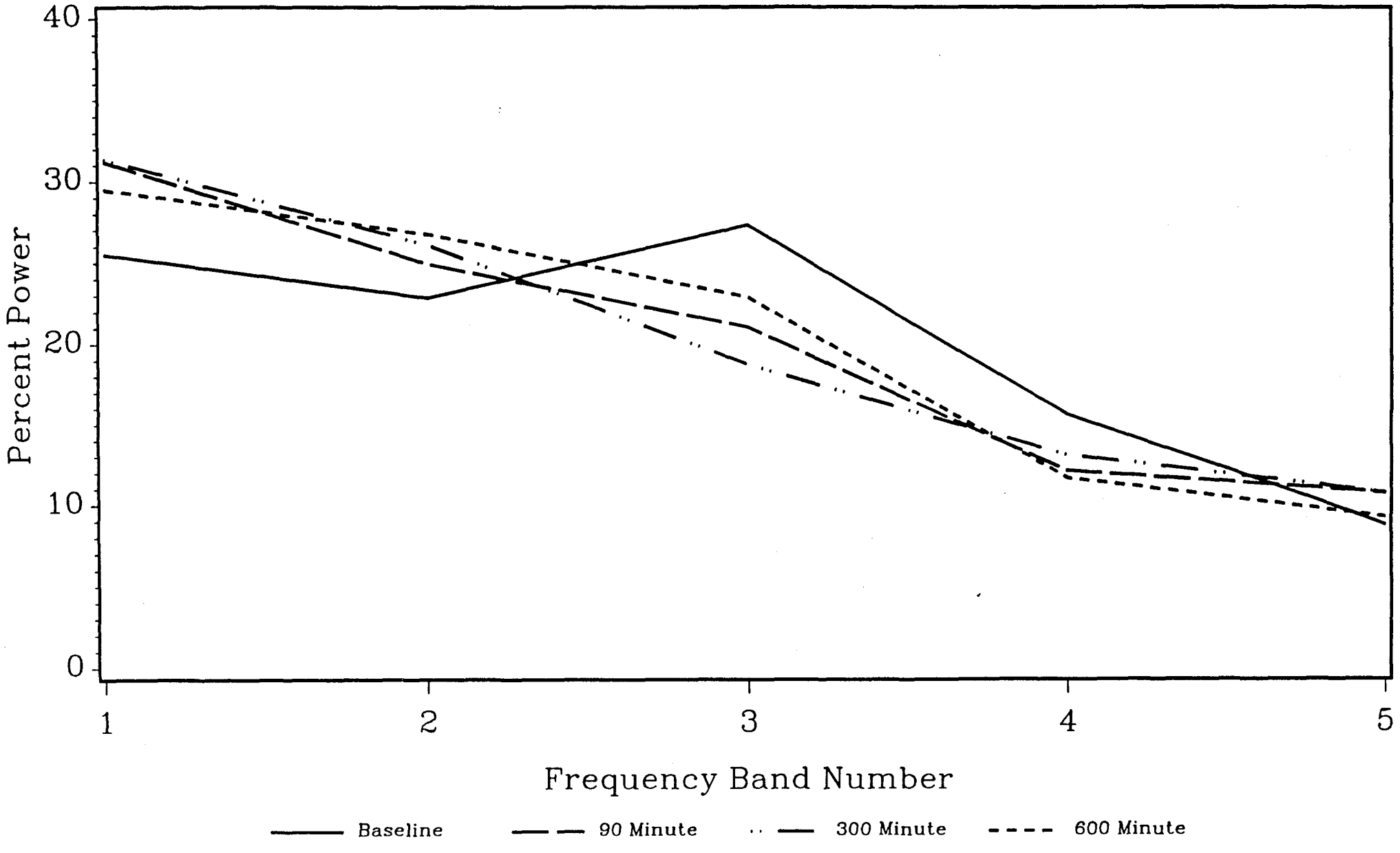
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.1 Channel=1



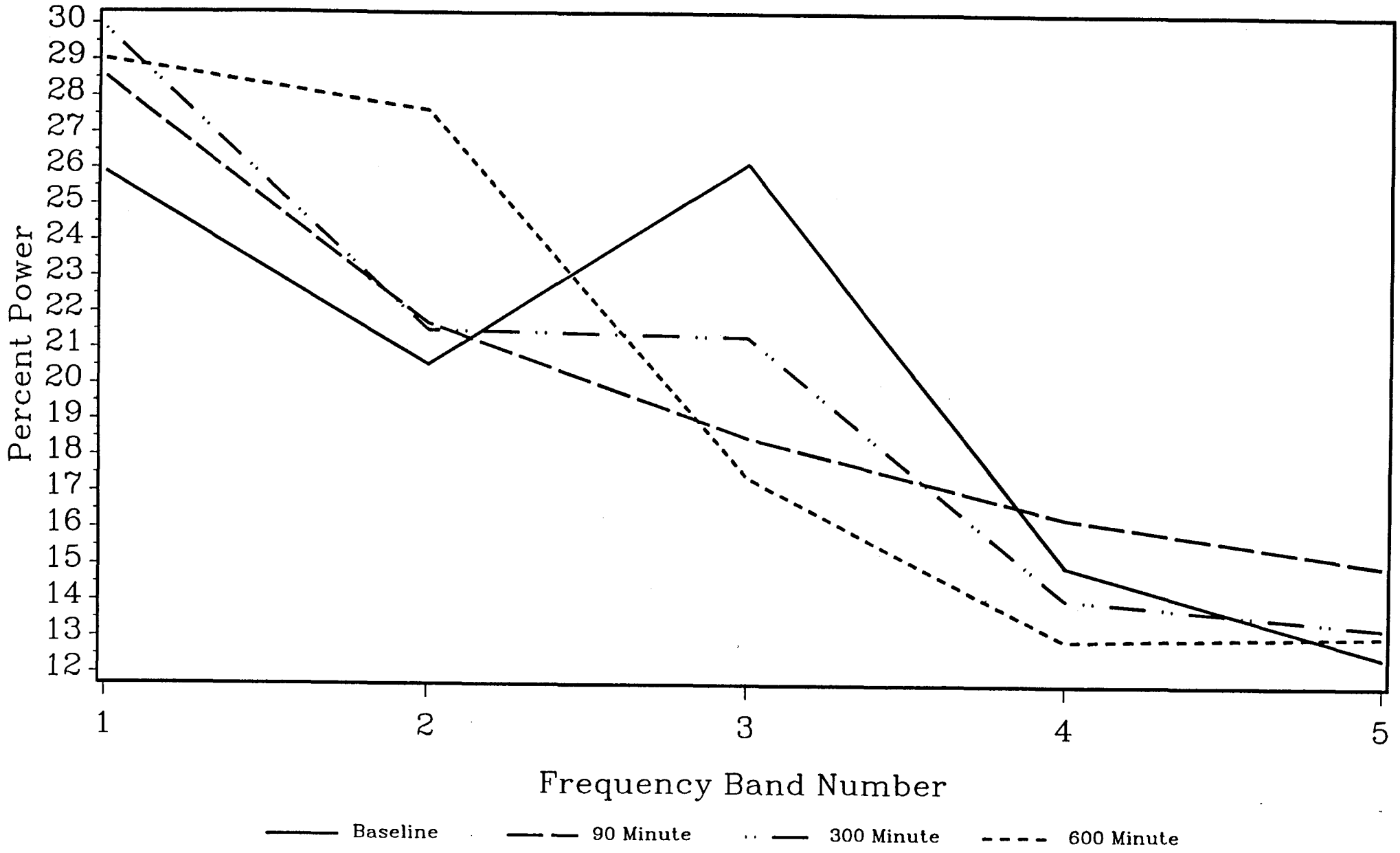
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.0 Channel=4



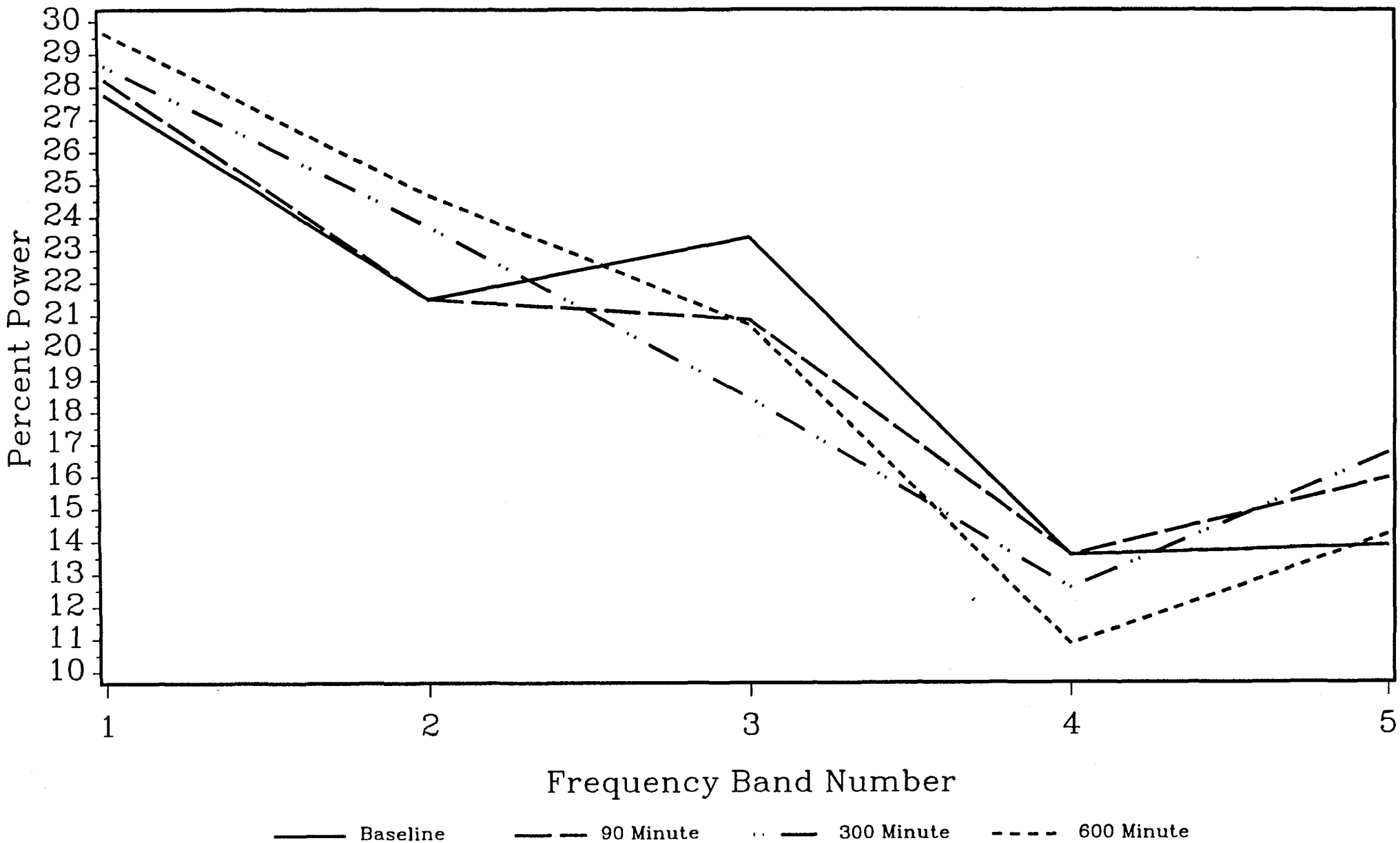
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.0 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.0 Channel=2

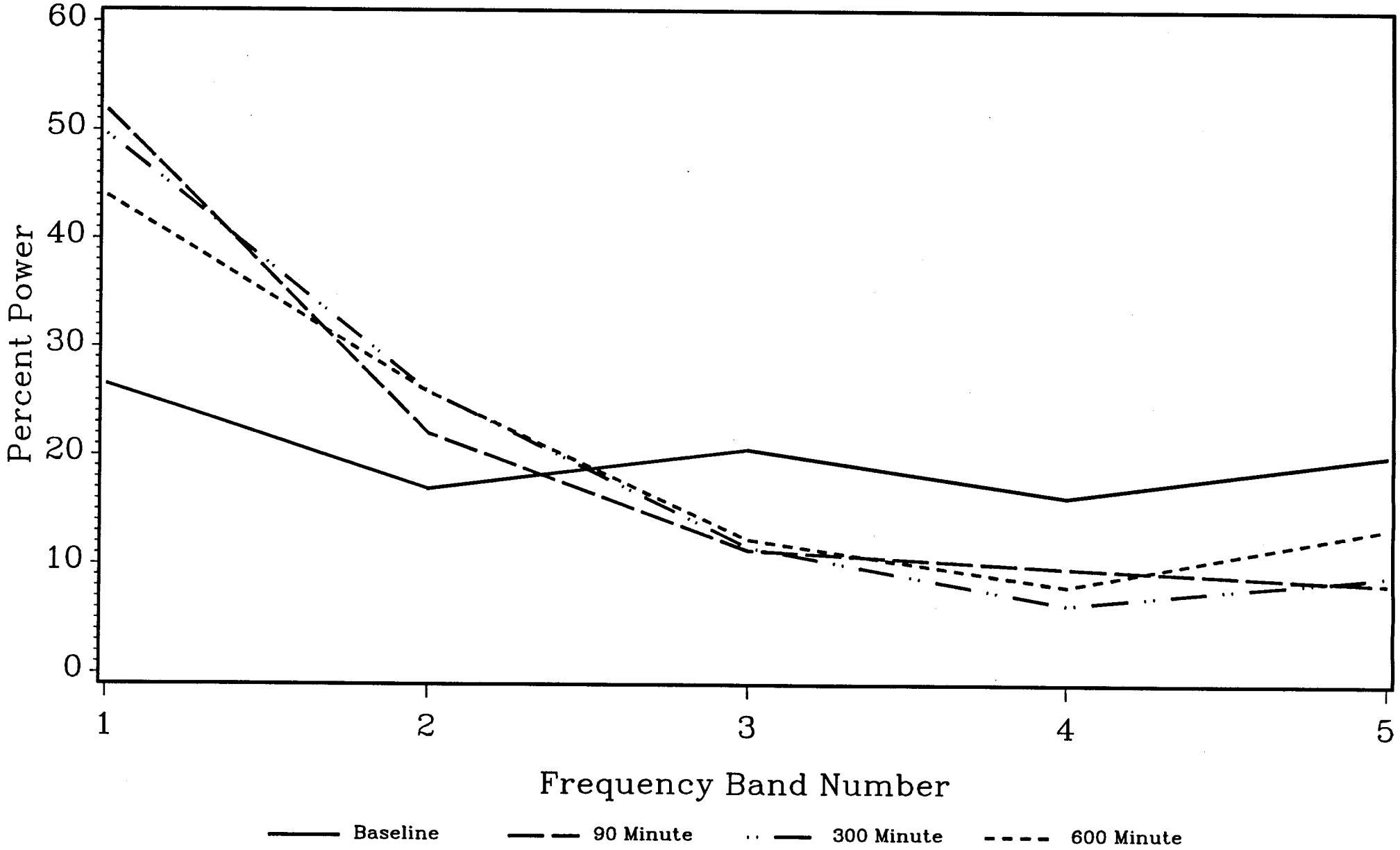


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=122X Atropine Dose (mg/kg)=0.0 Channel=1

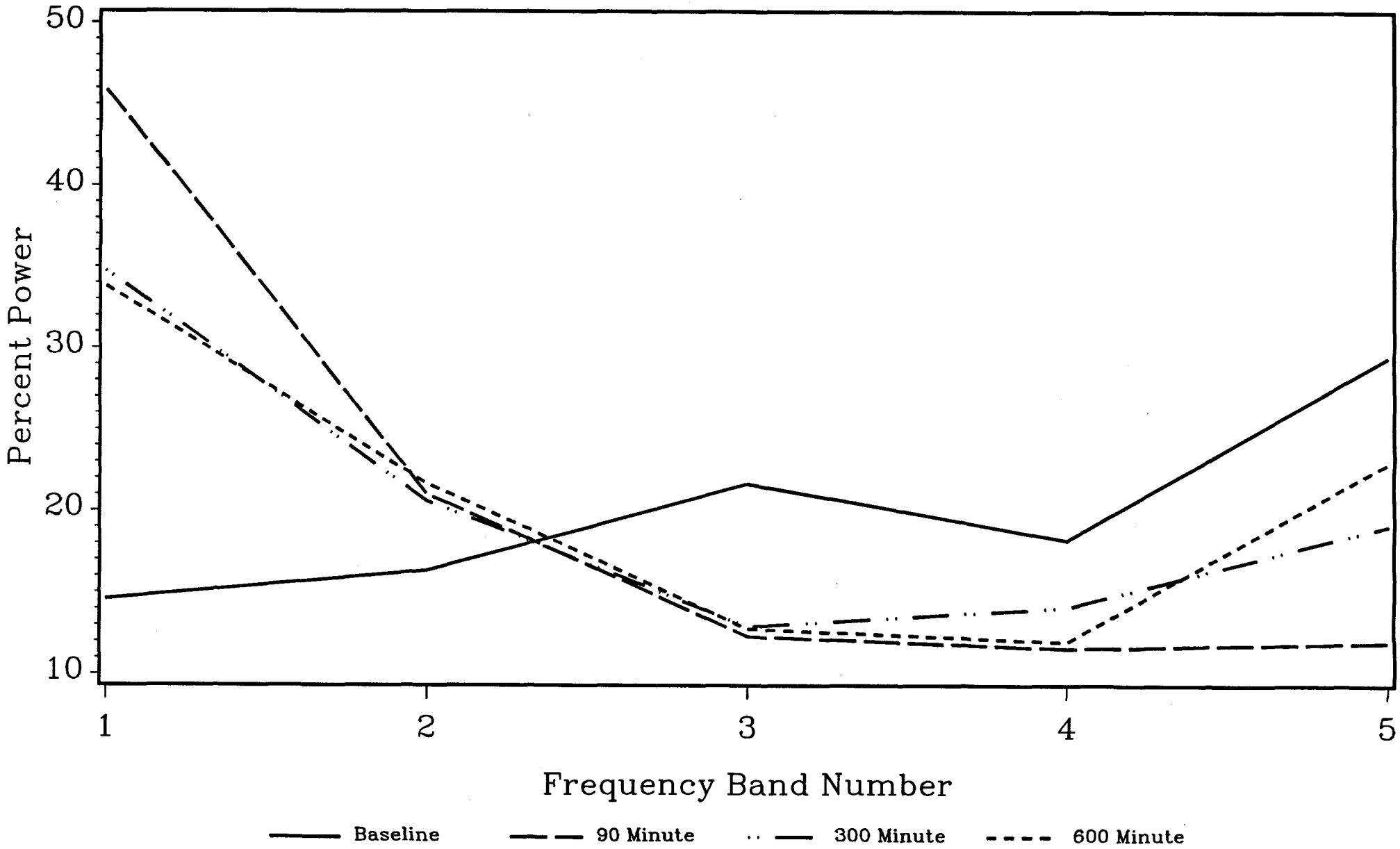


Animal 122X

Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.4 Channel=4



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.4 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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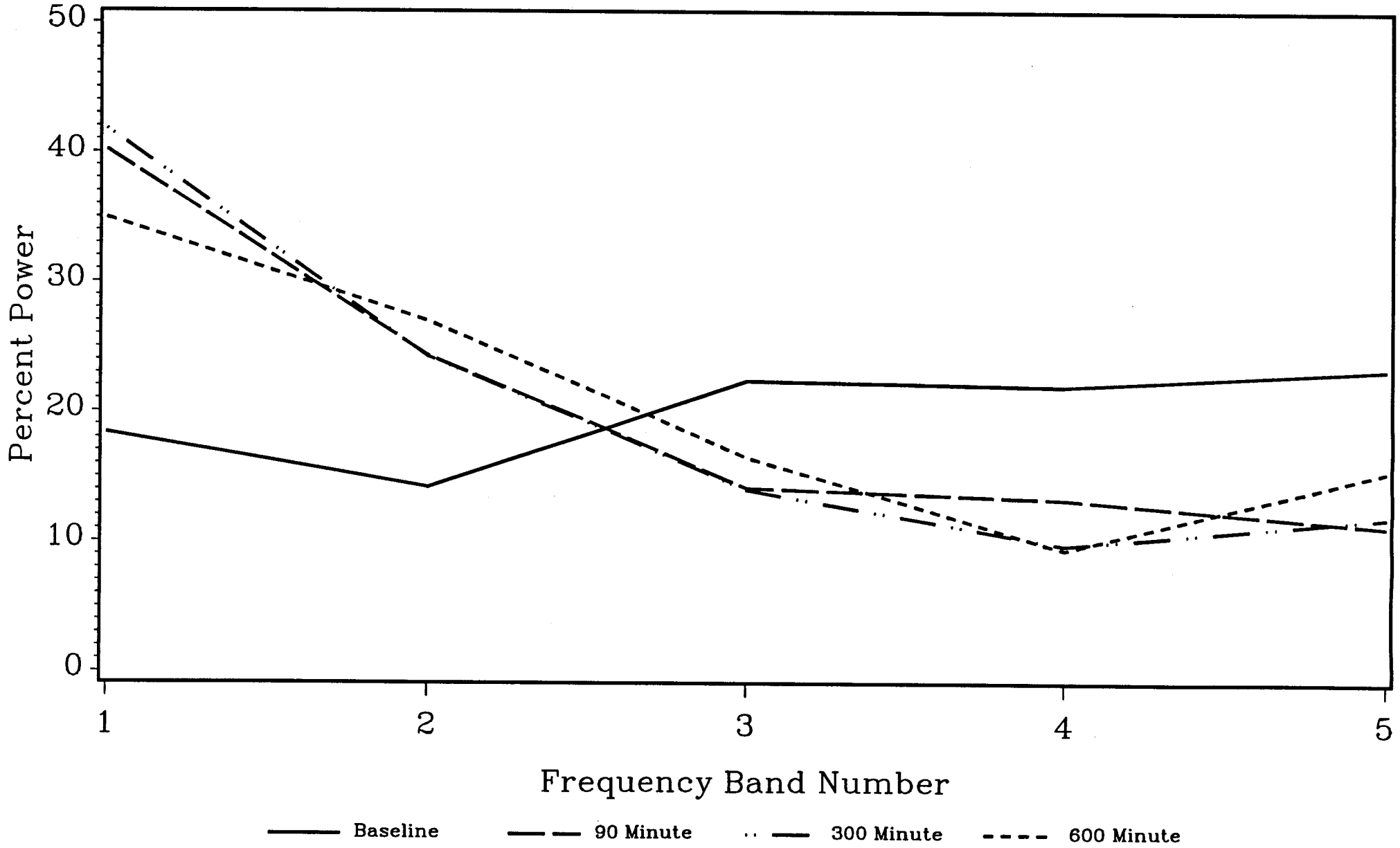
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.4 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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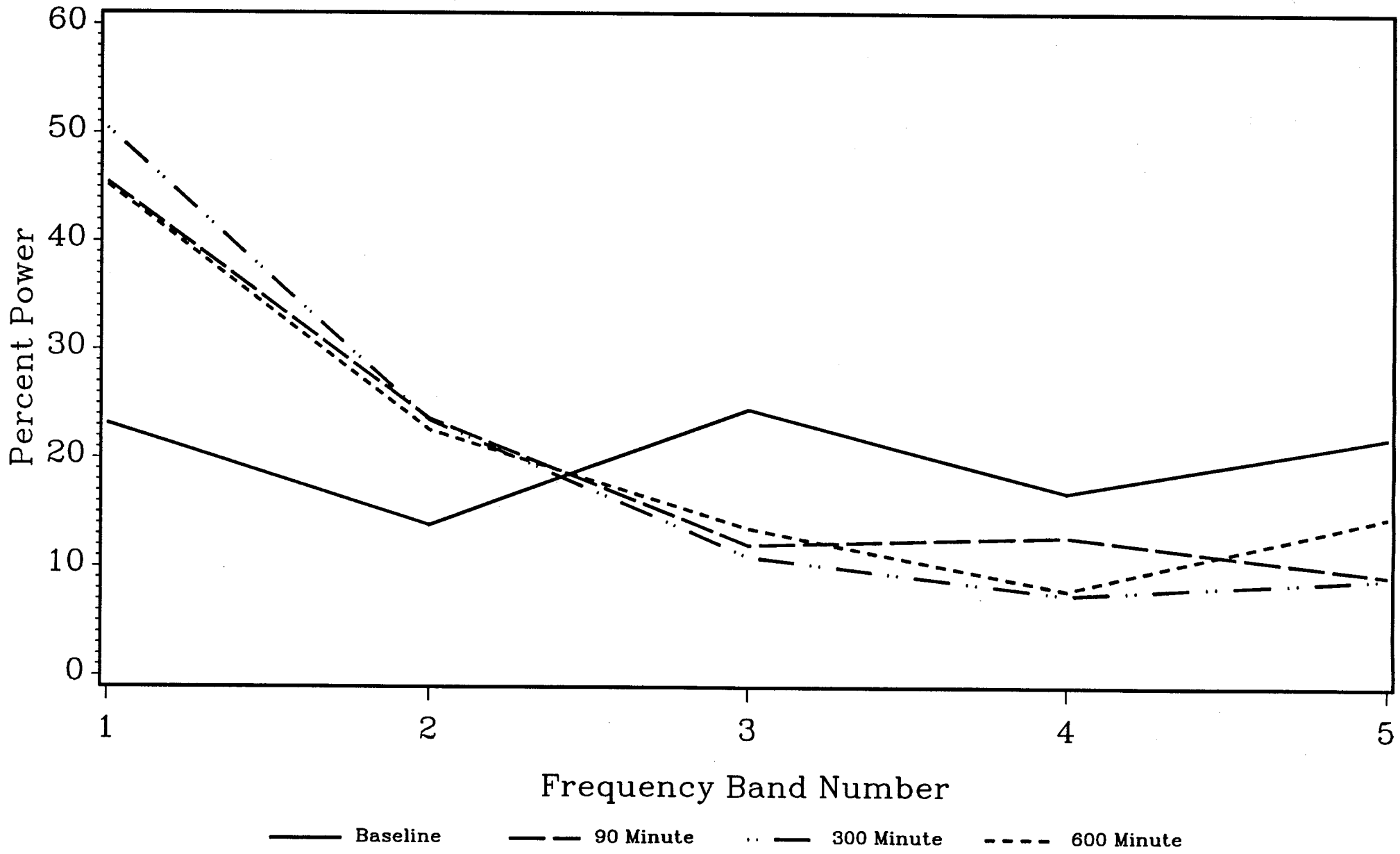
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.4 Channel=1



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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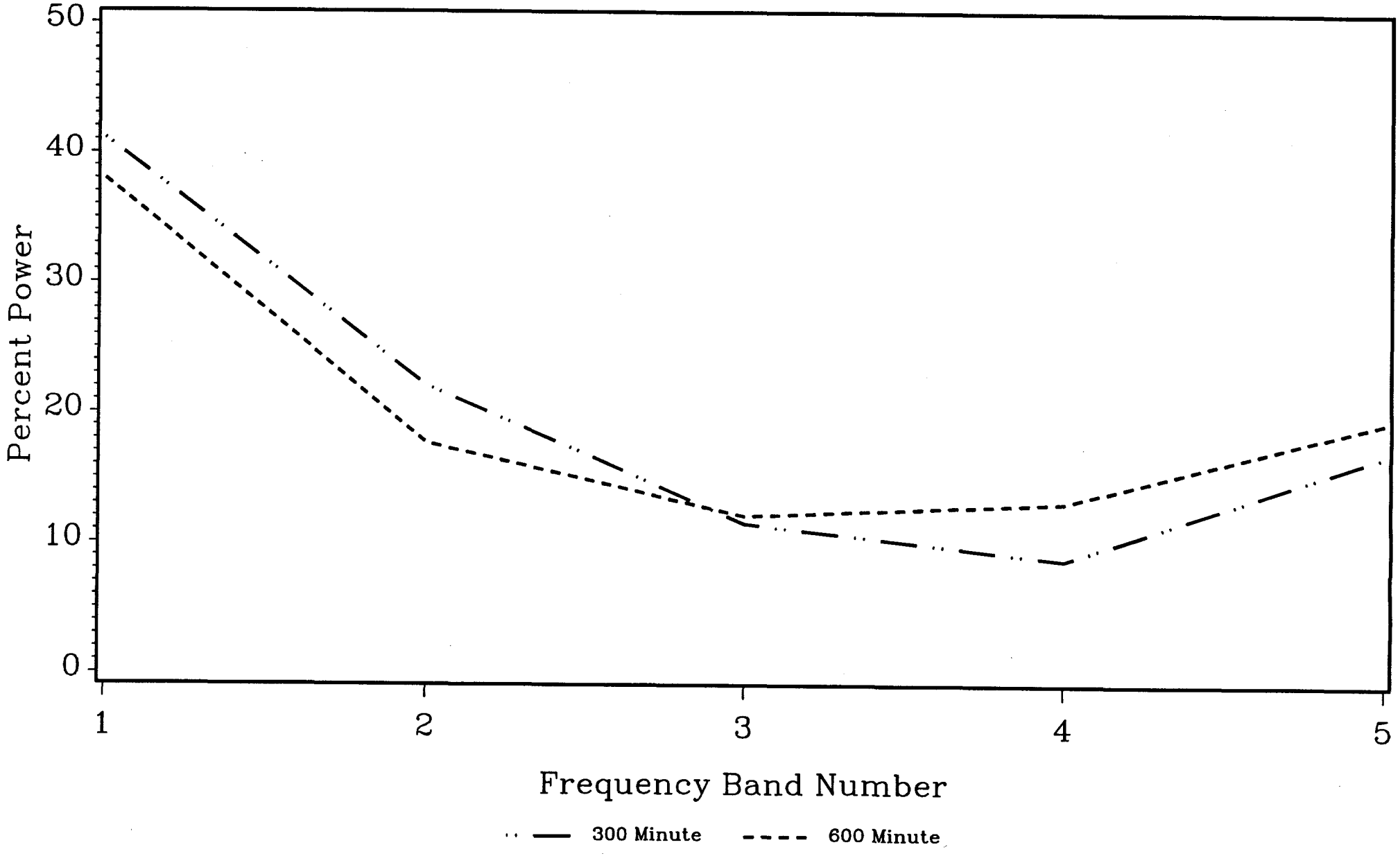
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.2 Channel=4



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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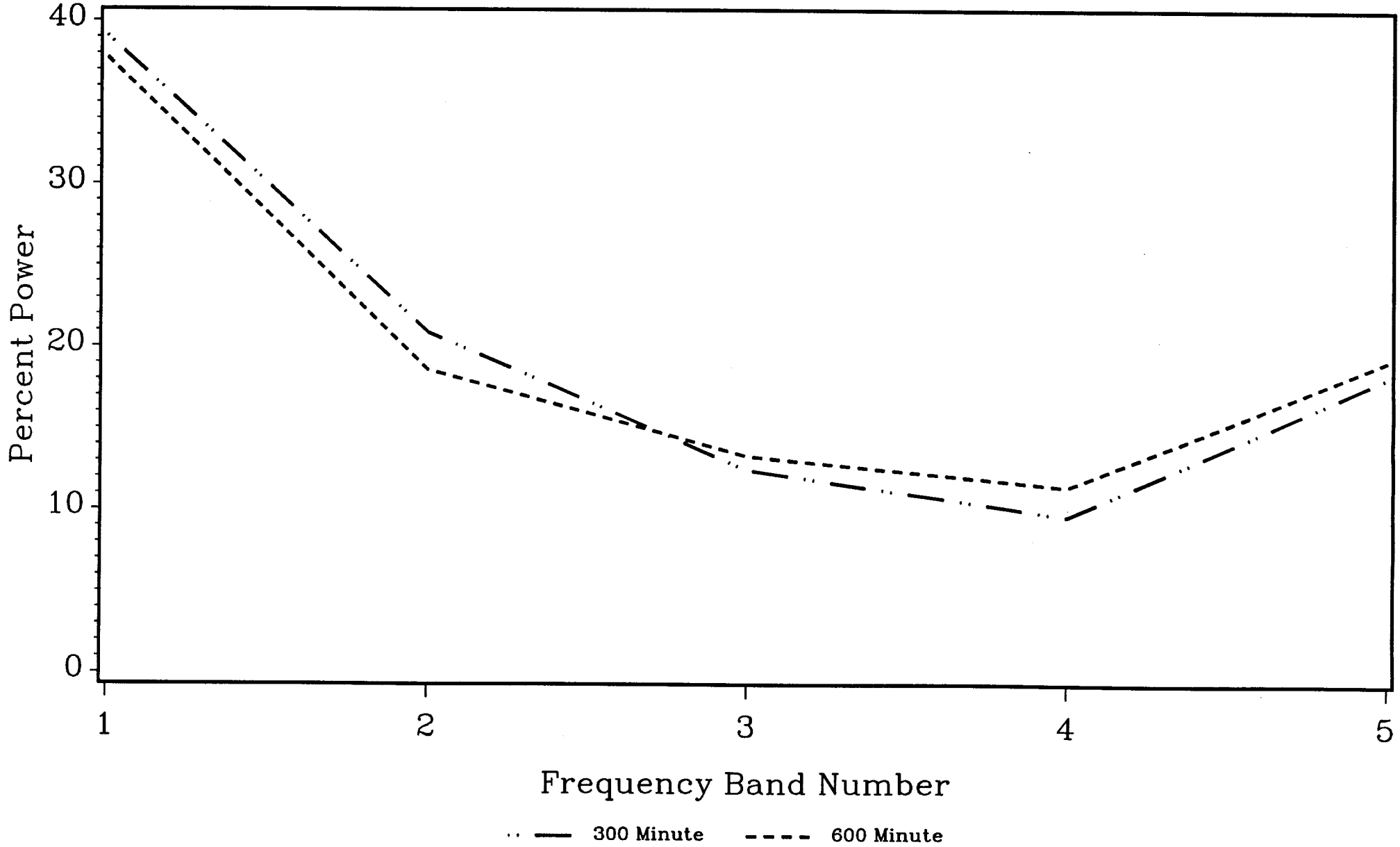
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.2 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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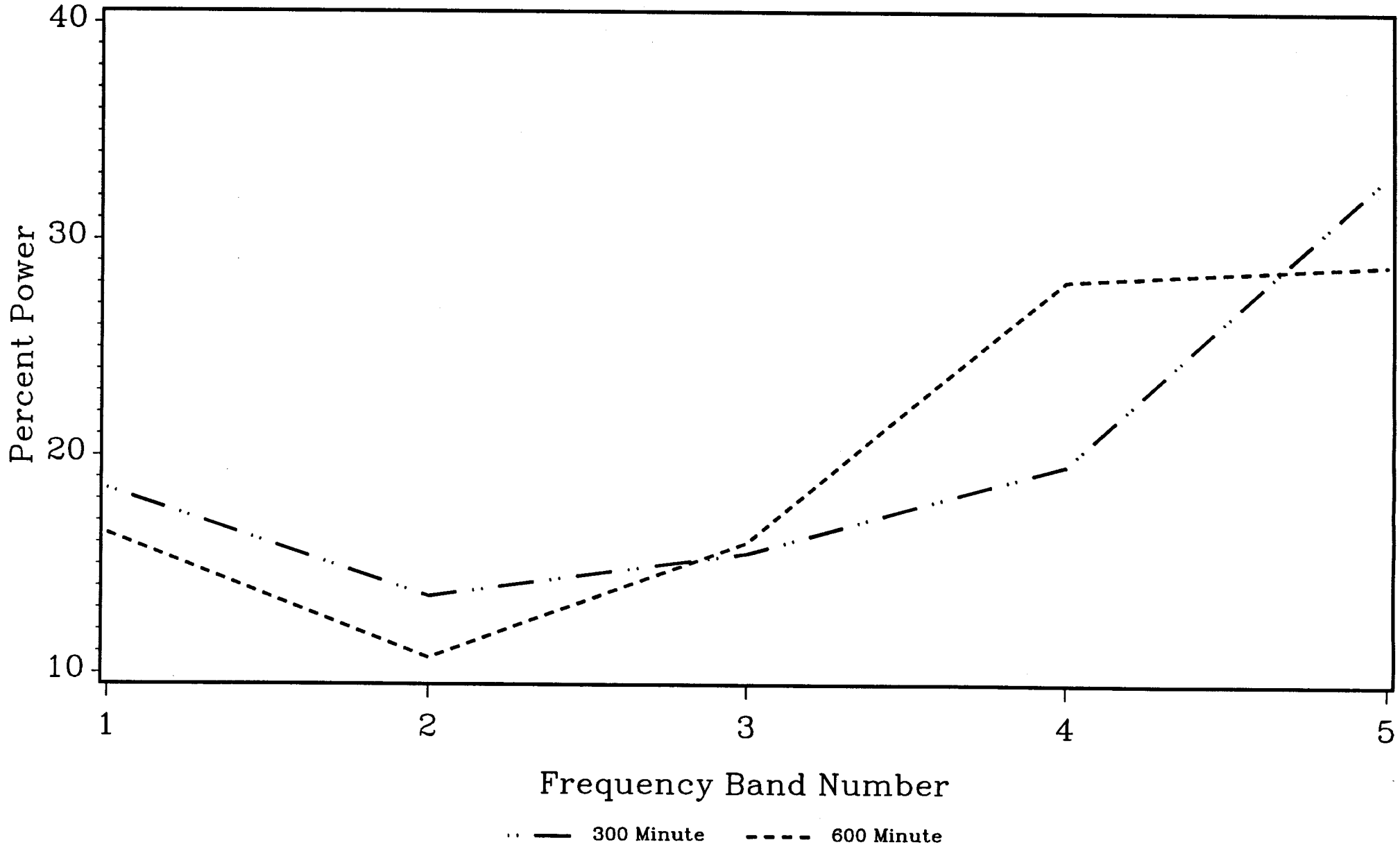
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.2 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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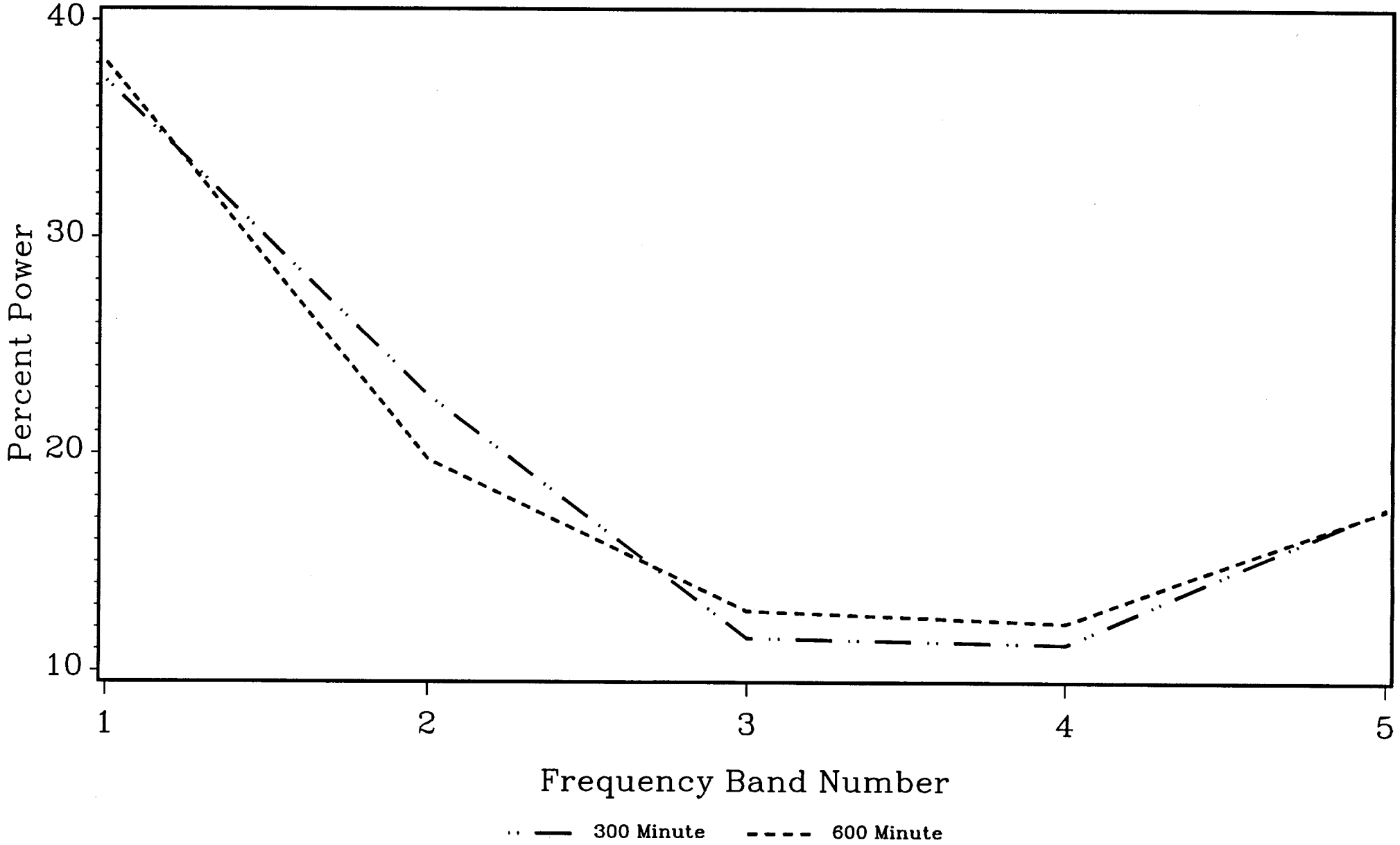
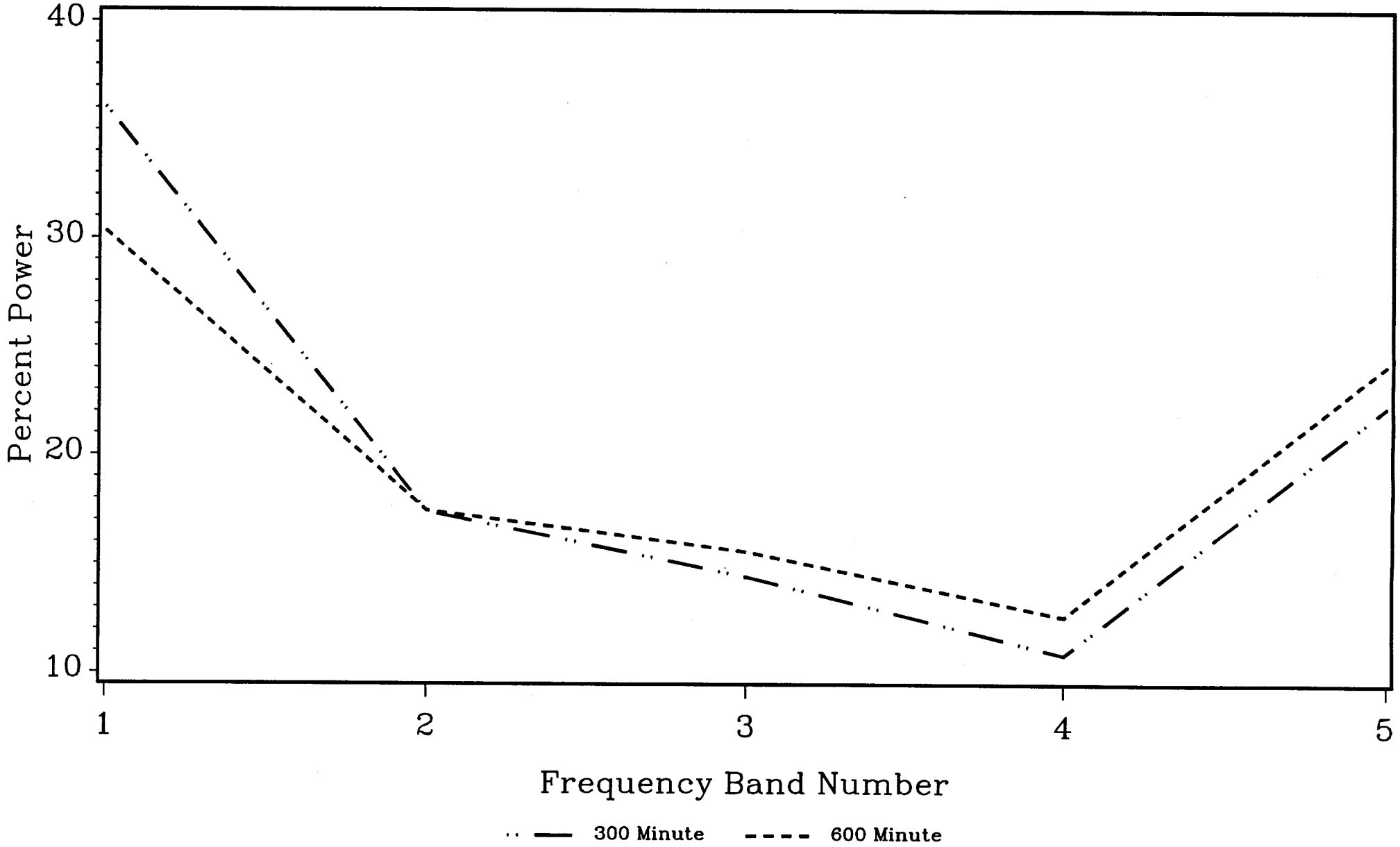
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.2 Channel=1



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.1 Channel=4



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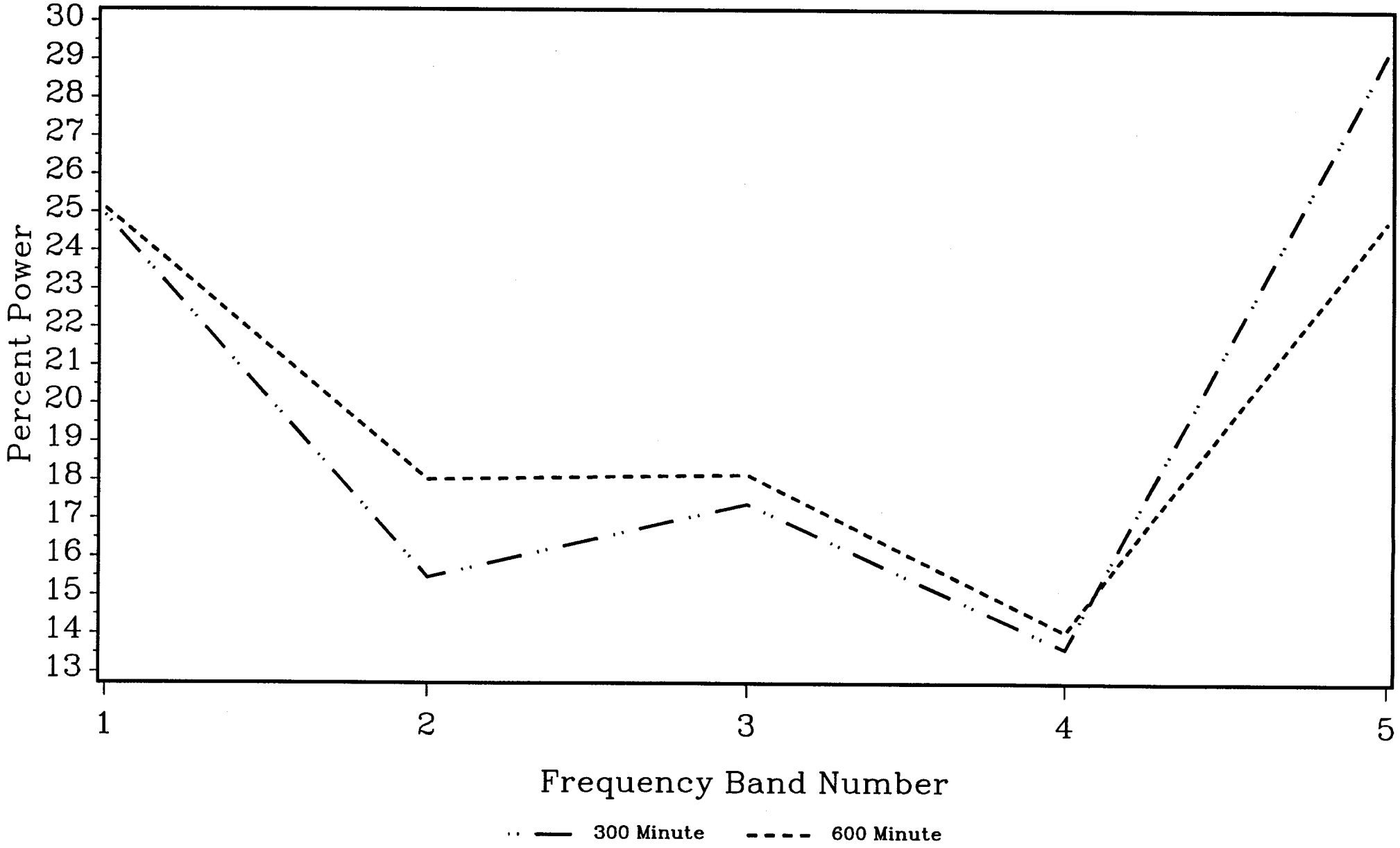
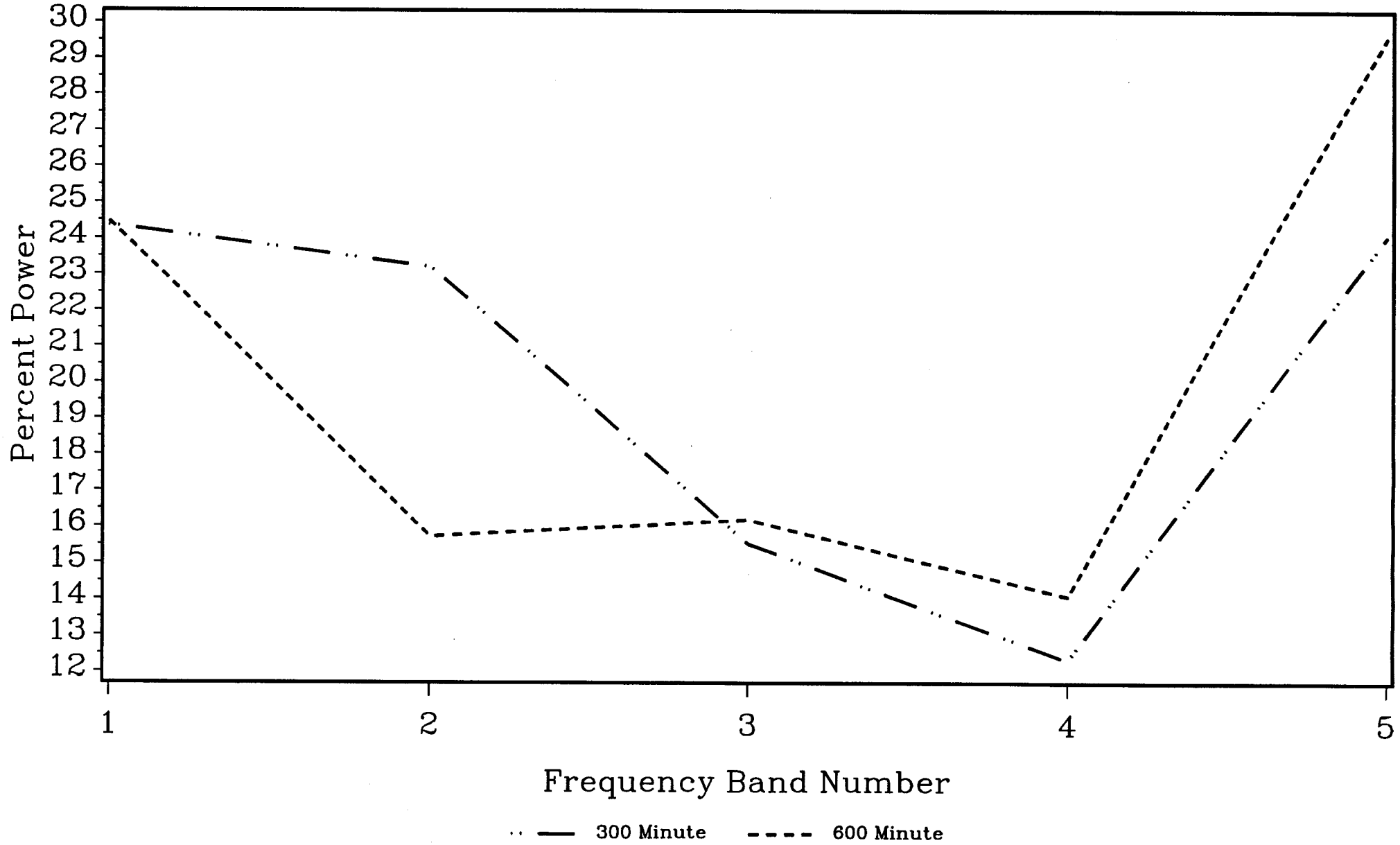
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.1 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.1 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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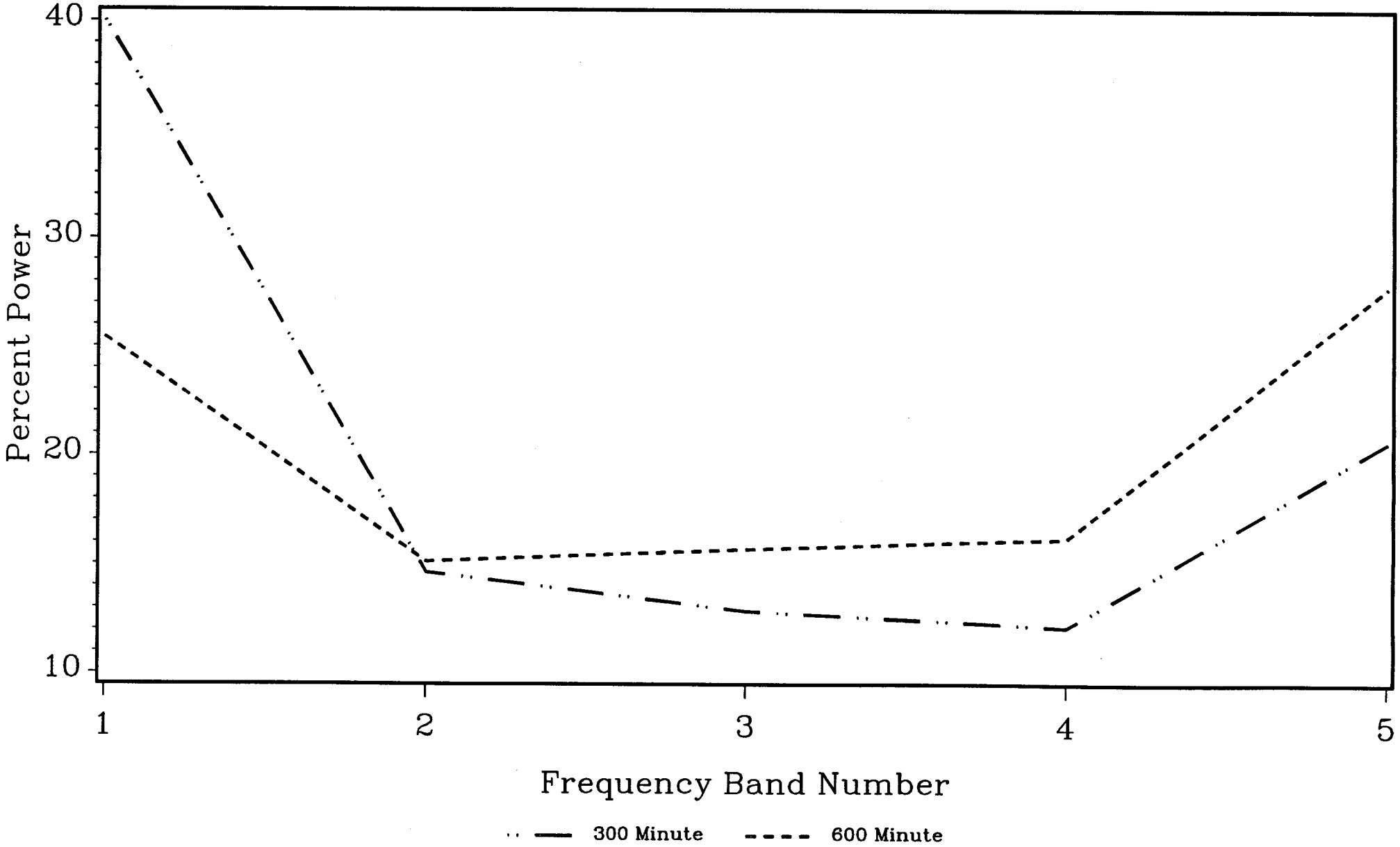
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.1 Channel=1



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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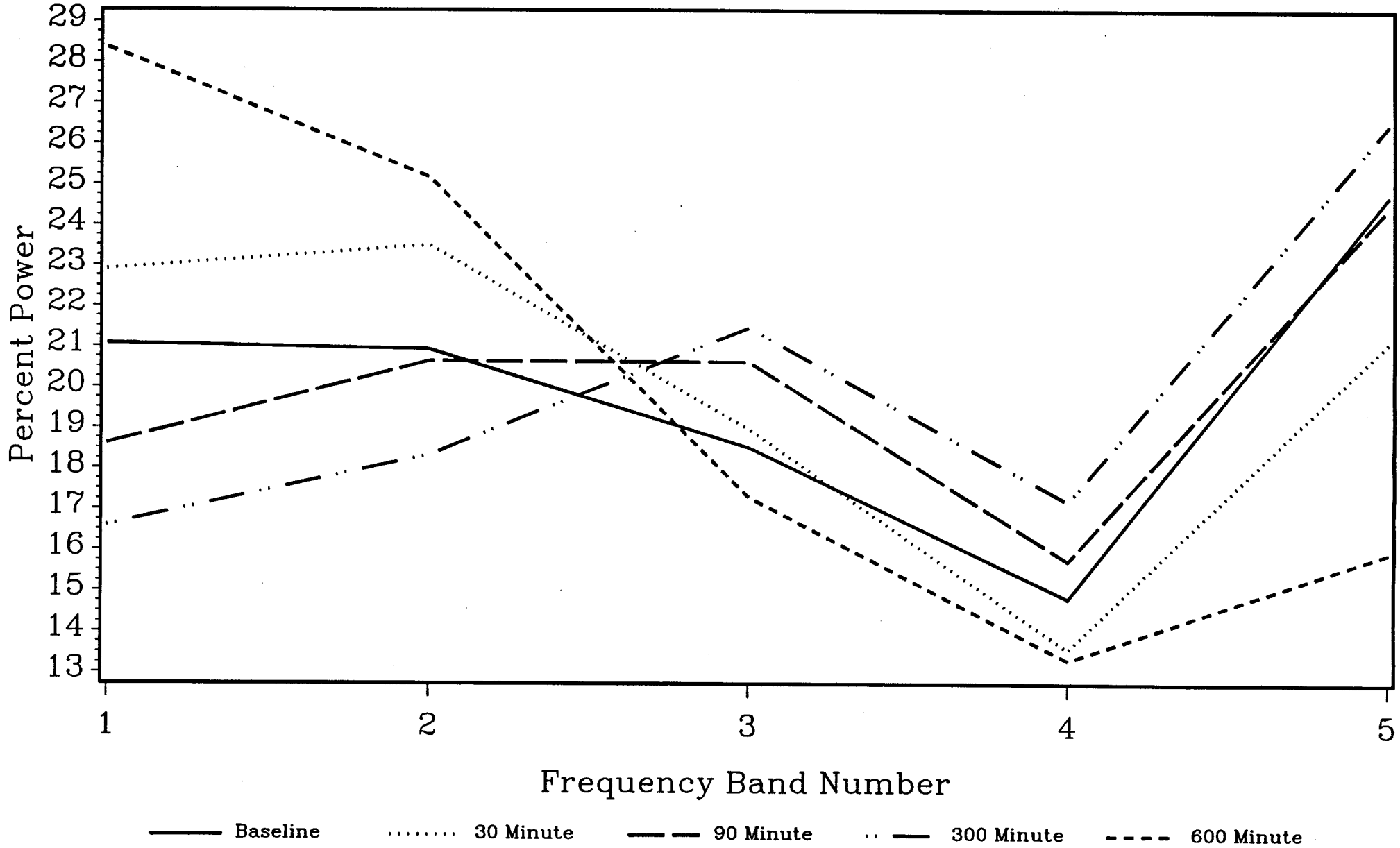
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.0 Channel=4



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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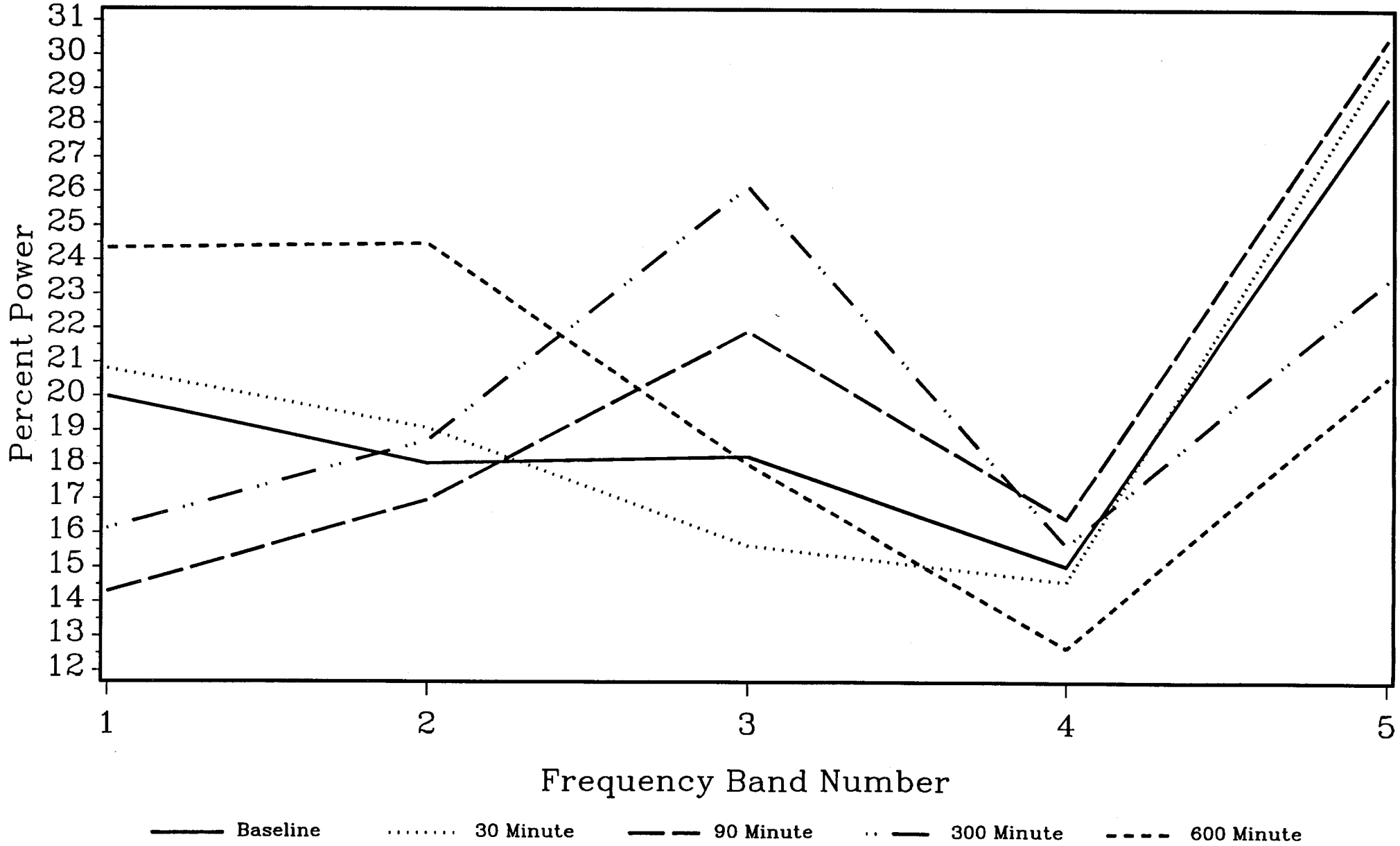
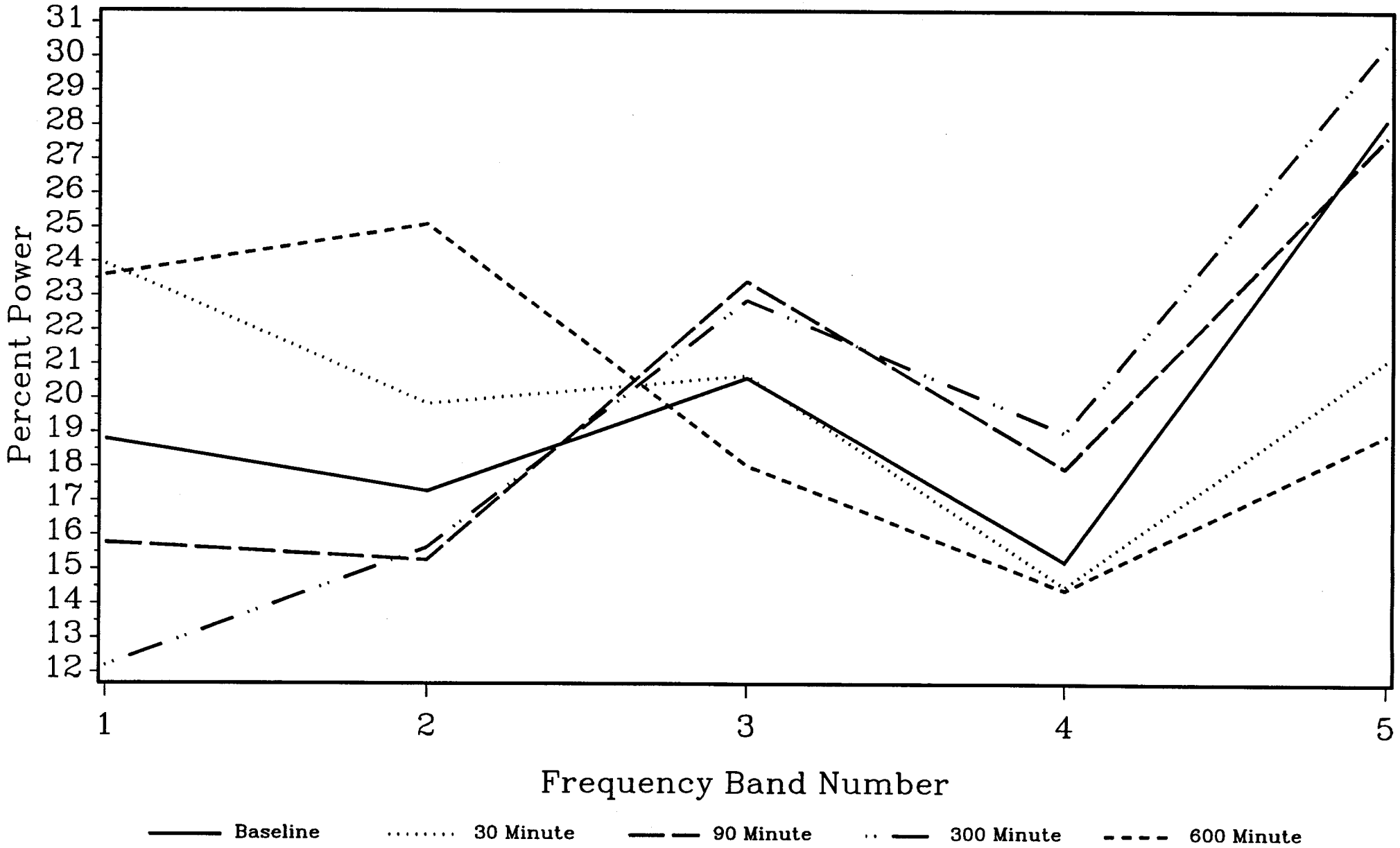
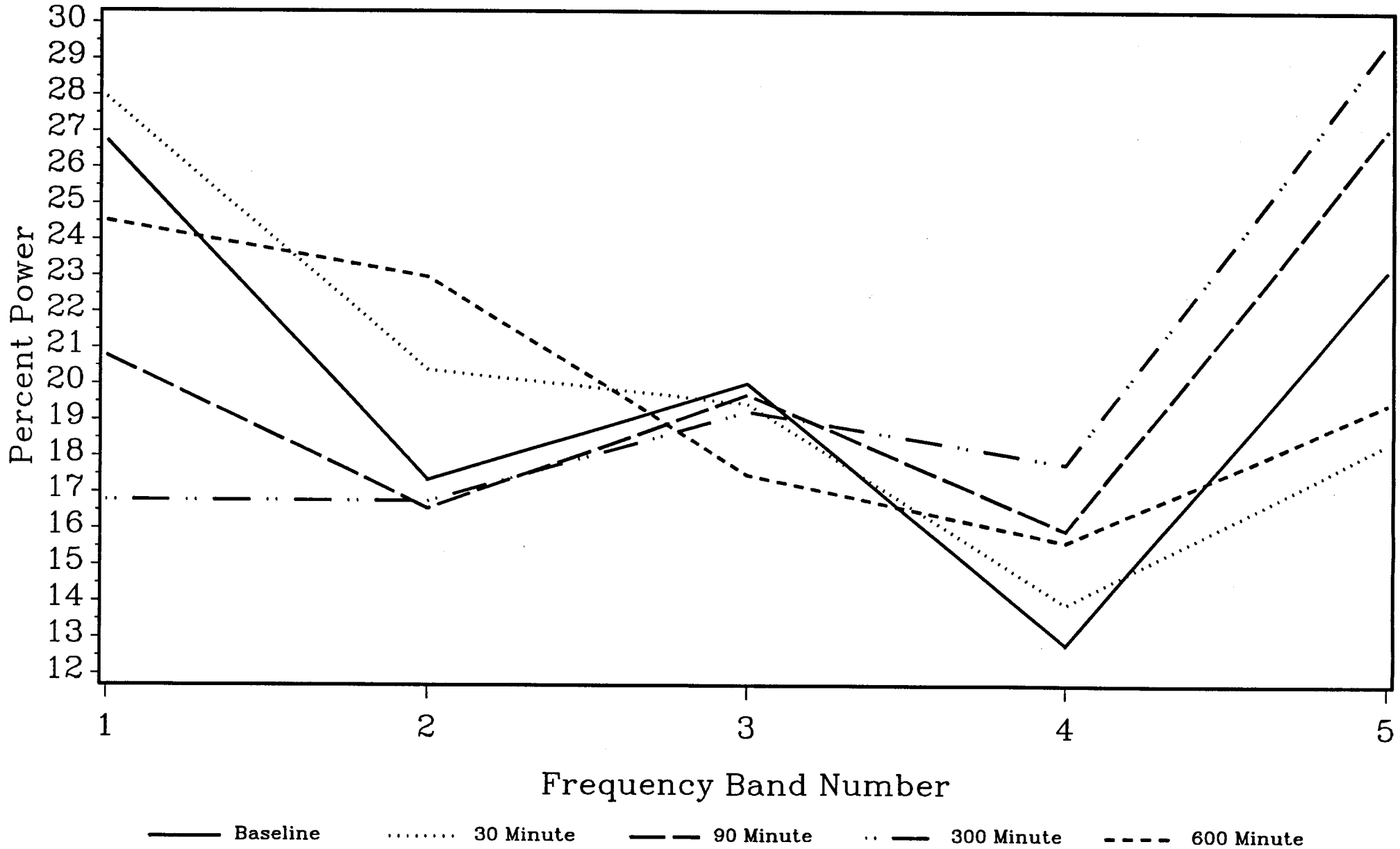
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.0 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.0 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=038D Atropine Dose (mg/kg)=0.0 Channel=1



Animal 038D

APPENDIX B

Plots of Percent Power versus Frequency Band for each Combination of Channel and Atropine Dose Level for Animals

038D, 122X, 4E5, D275, D345, and E109

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	247.67	119.20	37.69	10	216.85	93.63	29.61	10	236.37	82.07	25.95	3	233.63	15.59	9.00
	2	10	106.05	46.57	14.73	10	140.08	50.40	15.94	10	116.86	30.40	9.61	3	121.00	17.39	10.04
	3	10	74.17	25.29	8.00	10	65.56	25.06	7.92	10	58.14	32.39	10.24	3	65.96	8.02	4.63
	4	10	41.62	11.33	3.58	10	38.46	11.03	3.49	10	47.76	13.70	4.33	3	42.61	4.73	2.73
	5	10	50.21	17.36	5.49	10	65.13	26.78	8.47	10	82.39	16.23	5.13	3	65.91	16.10	9.30
	6	10	21.30	6.57	2.08	10	39.91	17.47	5.53	10	66.73	22.50	7.11	3	42.64	22.84	13.19
	7	10	50.10	10.94	3.46	10	67.77	33.48	10.59	10	110.49	32.35	10.23	3	76.12	31.05	17.92
	8	10	0.31	0.65	0.21	10	0.71	0.85	0.27	10	1.19	0.54	0.17	3	0.74	0.44	0.25
	9	10	519.72	146.55	46.34	10	526.08	96.19	30.42	10	541.52	117.74	37.23	3	529.11	11.21	6.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	284.44	158.34	50.07	10	244.64	138.27	43.72	10	245.45	83.29	26.34	3	258.18	22.75	13.14
	2	10	119.03	43.80	13.85	10	172.60	48.08	15.20	10	139.91	48.62	15.38	3	143.84	27.00	15.59
	3	10	93.97	30.00	9.49	10	83.02	39.89	12.61	10	77.54	38.16	12.07	3	84.84	8.37	4.83
	4	10	55.55	18.40	5.82	10	57.57	15.32	4.84	10	63.81	25.73	8.14	3	58.98	4.31	2.49
	5	10	81.18	34.36	10.87	10	86.26	36.92	11.68	10	106.28	35.95	11.37	3	91.24	13.27	7.66
	6	10	47.93	13.16	4.16	10	45.90	17.79	5.63	10	56.41	23.75	7.51	3	50.08	5.57	3.22
	7	10	88.05	19.00	6.01	10	98.07	22.03	6.97	10	122.44	45.78	14.48	3	102.85	17.69	10.21
	8	10	0.96	0.53	0.17	10	1.17	1.00	0.31	10	1.44	0.75	0.24	3	1.19	0.24	0.14
	9	10	634.19	182.73	57.79	10	644.08	198.26	62.69	10	632.98	107.81	34.09	3	637.08	6.09	3.52

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	30.02	12.80	4.05	10	40.23	20.26	6.41	10	29.82	12.09	3.82	3	33.35	5.96	3.44
	2	10	26.21	10.05	3.18	10	21.62	10.29	3.25	10	21.25	7.13	2.25	3	23.03	2.76	1.59
	3	10	16.32	5.13	1.62	10	19.57	6.59	2.09	10	17.43	6.36	2.01	3	17.77	1.65	0.95
	4	10	20.66	8.69	2.75	10	23.42	8.48	2.68	10	25.86	12.51	3.96	3	23.31	2.60	1.50
	5	10	29.96	14.08	4.45	10	30.96	11.07	3.50	10	39.74	20.85	6.59	3	33.55	5.38	3.11
	6	10	14.71	6.66	2.11	10	14.40	4.48	1.42	10	18.73	7.70	2.44	3	15.95	2.41	1.39
	7	10	45.65	17.71	5.60	10	57.61	13.54	4.28	10	73.50	17.18	5.43	3	58.92	13.97	8.07
	8	10	0.77	0.90	0.28	10	0.83	0.42	0.13	10	0.98	0.53	0.17	3	0.86	0.11	0.06
	9	10	123.17	23.69	7.49	10	135.80	27.97	8.84	10	134.10	35.68	11.28	3	131.02	6.85	3.96

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	52.38	49.37	15.61	10	30.46	12.38	3.91	10	38.30	20.86	6.60	3	40.38	11.11	6.41
	2	10	27.91	17.16	5.43	10	27.70	11.07	3.50	10	22.98	8.35	2.64	3	26.20	2.79	1.61
	3	10	23.61	7.07	2.24	10	26.88	9.60	3.04	10	26.38	11.41	3.61	3	25.62	1.76	1.02
	4	10	17.66	10.74	3.40	10	25.63	6.62	2.09	10	29.80	13.46	4.26	3	24.36	6.17	3.56
	5	10	14.11	9.26	2.93	10	26.72	7.82	2.47	10	21.17	10.63	3.36	3	20.67	6.32	3.65
	6	10	6.93	1.84	0.58	10	11.96	5.92	1.87	10	13.26	4.66	1.47	3	10.72	3.34	1.93
	7	10	10.13	8.36	2.64	10	42.57	14.38	4.55	10	44.34	21.68	6.85	3	32.35	19.26	11.12
	8	10	0.13	0.20	0.06	10	0.44	0.24	0.08	10	0.83	0.76	0.24	3	0.47	0.35	0.20
	9	10	135.67	60.38	19.09	10	137.39	13.23	4.18	10	138.63	35.20	11.13	3	137.23	1.48	0.86

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.35	0.78	0.25	8	2.19	0.75	0.27	10	2.45	0.69	0.22	3	2.33	0.13	0.08
	2	8	5.50	0.71	0.25	10	6.05	0.96	0.30	10	6.20	0.82	0.26	3	5.92	0.37	0.21
	3	10	11.05	0.90	0.28	10	10.05	0.60	0.19	9	10.17	1.58	0.53	3	10.42	0.55	0.32
	4	10	15.70	0.92	0.29	10	15.75	1.14	0.36	9	16.11	1.34	0.45	3	15.85	0.22	0.13
	5	10	20.65	1.06	0.33	10	21.65	1.83	0.58	10	23.00	1.35	0.43	3	21.77	1.18	0.68
	9	10	2.35	0.78	0.25	10	3.05	1.46	0.46	10	2.45	0.69	0.22	3	2.62	0.38	0.22

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.25	0.82	0.26	9	2.28	0.79	0.26	10	2.60	0.66	0.21	3	2.38	0.19	0.11
	2	8	6.06	0.98	0.35	10	5.60	1.02	0.32	10	6.65	0.85	0.27	3	6.10	0.53	0.30
	3	10	10.15	1.18	0.37	10	11.00	0.78	0.25	10	10.20	1.46	0.46	3	10.45	0.48	0.28
	4	10	15.25	1.01	0.32	10	16.15	0.78	0.25	10	15.75	1.44	0.45	3	15.72	0.45	0.26
	5	10	21.20	1.30	0.41	10	21.50	1.87	0.59	10	22.50	1.49	0.47	3	21.73	0.68	0.39
	9	10	2.55	1.19	0.38	10	3.20	1.69	0.53	10	3.05	1.54	0.49	3	2.93	0.34	0.20

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	9	2.56	0.81	0.27	9	2.50	0.75	0.25	9	1.94	0.63	0.21	3	2.33	0.34	0.20
	2	10	6.15	0.58	0.18	10	5.75	0.79	0.25	10	6.20	1.25	0.40	3	6.03	0.25	0.14
	3	9	9.67	1.20	0.40	10	10.65	1.42	0.45	10	11.25	1.38	0.44	3	10.52	0.80	0.46
	4	10	16.20	1.32	0.42	10	16.10	1.35	0.43	10	16.30	1.06	0.34	3	16.20	0.10	0.06
	5	10	20.75	1.55	0.49	10	21.75	1.34	0.42	10	21.15	1.68	0.53	3	21.22	0.50	0.29
	9	10	6.40	6.17	1.95	10	7.65	6.51	2.06	10	10.55	9.45	2.99	3	8.20	2.13	1.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.35	0.67	0.21	9	2.33	0.66	0.22	7	2.21	0.76	0.29	3	2.30	0.07	0.04
	2	9	6.06	0.77	0.26	10	5.85	0.78	0.25	10	6.30	0.89	0.28	3	6.07	0.23	0.13
	3	10	10.55	1.21	0.38	10	10.30	1.18	0.37	10	10.85	1.13	0.36	3	10.57	0.28	0.16
	4	10	15.40	1.43	0.45	10	16.00	1.13	0.36	10	14.85	1.38	0.43	3	15.42	0.58	0.33
	5	10	20.85	1.58	0.50	10	20.80	1.11	0.35	10	22.00	2.39	0.76	3	21.22	0.68	0.39
	9	10	3.35	1.73	0.55	10	5.50	4.94	1.56	10	6.25	6.20	1.96	3	5.03	1.51	0.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.31	0.28	0.09	10	2.19	0.32	0.10	10	2.31	0.20	0.06	3	2.27	0.07	0.04
	2	10	5.53	0.45	0.14	10	5.60	0.47	0.15	10	5.47	0.29	0.09	3	5.53	0.06	0.04
	3	10	10.09	0.44	0.14	10	9.90	0.36	0.11	10	10.14	0.47	0.15	3	10.04	0.13	0.07
	4	10	15.03	0.28	0.09	10	15.31	0.37	0.12	10	15.23	0.57	0.18	3	15.19	0.14	0.08
	5	10	21.23	0.44	0.14	10	21.40	0.46	0.15	10	21.75	0.37	0.12	3	21.46	0.27	0.15
	9	10	7.13	1.33	0.42	10	7.56	1.70	0.54	10	8.08	1.02	0.32	3	7.59	0.48	0.28

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.23	0.29	0.09	10	2.14	0.34	0.11	10	2.33	0.21	0.07	3	2.23	0.10	0.06
	2	10	5.54	0.30	0.09	10	5.55	0.39	0.12	10	5.55	0.32	0.10	3	5.55	0.01	0.00
	3	10	10.20	0.42	0.13	10	10.00	0.49	0.15	10	10.06	0.37	0.12	3	10.09	0.10	0.06
	4	10	15.06	0.24	0.08	10	15.26	0.36	0.11	10	15.37	0.53	0.17	3	15.23	0.16	0.09
	5	10	21.27	0.46	0.15	10	21.28	0.52	0.16	10	21.66	0.48	0.15	3	21.41	0.22	0.13
	9	10	7.77	1.39	0.44	10	7.96	1.13	0.36	10	8.74	1.75	0.55	3	8.16	0.51	0.30

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.06	0.33	0.11	10	2.09	0.36	0.11	10	1.98	0.13	0.04	3	2.04	0.06	0.03
	2	10	5.77	0.49	0.15	10	5.58	0.31	0.10	10	5.67	0.35	0.11	3	5.67	0.09	0.05
	3	10	10.02	0.24	0.08	10	10.24	0.47	0.15	10	10.10	0.37	0.12	3	10.12	0.11	0.06
	4	10	15.48	0.43	0.14	10	15.34	0.37	0.12	10	15.44	0.31	0.10	3	15.42	0.07	0.04
	5	10	20.97	0.41	0.13	10	21.05	0.36	0.11	10	21.16	0.78	0.25	3	21.06	0.09	0.05
	9	10	10.69	2.45	0.77	10	10.53	1.83	0.58	10	11.84	1.86	0.59	3	11.02	0.72	0.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.18	0.23	0.07	10	2.22	0.31	0.10	10	2.03	0.27	0.09	3	2.14	0.10	0.06
	2	10	5.80	0.44	0.14	10	5.63	0.41	0.13	10	5.60	0.30	0.09	3	5.68	0.11	0.06
	3	10	10.29	0.24	0.08	10	10.28	0.47	0.15	10	10.45	0.44	0.14	3	10.34	0.10	0.06
	4	10	15.20	0.50	0.16	10	15.31	0.41	0.13	10	15.02	0.38	0.12	3	15.18	0.15	0.08
	5	10	20.81	0.51	0.16	10	20.96	0.45	0.14	10	21.05	0.66	0.21	3	20.94	0.12	0.07
	9	10	8.12	1.54	0.49	10	10.56	1.13	0.36	10	9.95	1.80	0.57	3	9.54	1.27	0.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	46.06	11.52	3.64	10	39.93	13.27	4.20	10	42.87	6.25	1.98	3	42.95	3.06	1.77
	2	10	20.52	7.28	2.30	10	26.81	8.63	2.73	10	21.62	3.92	1.24	3	22.98	3.36	1.94
	3	10	14.65	4.61	1.46	10	12.36	3.43	1.08	10	10.43	3.45	1.09	3	12.48	2.11	1.22
	4	10	8.38	2.63	0.83	10	7.62	3.10	0.98	10	9.22	3.57	1.13	3	8.41	0.80	0.46
	5	10	10.39	4.76	1.51	10	13.28	6.87	2.17	10	15.86	4.21	1.33	3	13.17	2.74	1.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	42.48	12.88	4.07	10	35.65	11.12	3.52	10	38.11	8.52	2.70	3	38.75	3.46	2.00
	2	10	19.49	7.28	2.30	10	28.58	10.05	3.18	10	21.77	5.53	1.75	3	23.28	4.73	2.73
	3	10	15.79	6.31	2.00	10	12.62	2.94	0.93	10	12.03	4.14	1.31	3	13.48	2.02	1.17
	4	10	9.18	3.49	1.10	10	9.43	3.17	1.00	10	10.54	5.47	1.73	3	9.72	0.72	0.42
	5	10	13.05	5.04	1.59	10	13.72	5.31	1.68	10	17.56	7.73	2.44	3	14.78	2.43	1.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	24.95	11.74	3.71	10	28.65	11.66	3.69	10	22.12	7.09	2.24	3	25.24	3.27	1.89
	2	10	21.04	5.75	1.82	10	16.02	6.31	2.00	10	16.02	3.18	1.01	3	17.69	2.90	1.67
	3	10	13.27	3.44	1.09	10	14.64	4.53	1.43	10	13.29	4.49	1.42	3	13.73	0.78	0.45
	4	10	16.73	6.63	2.10	10	17.54	6.17	1.95	10	19.57	7.86	2.49	3	17.95	1.46	0.85
	5	10	24.01	10.02	3.17	10	23.15	7.44	2.35	10	29.01	12.04	3.81	3	25.39	3.16	1.83

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	35.82	16.36	5.17	10	22.10	8.83	2.79	10	27.19	11.65	3.69	3	28.37	6.94	4.00
	2	10	21.63	10.01	3.16	10	20.17	7.94	2.51	10	17.16	5.60	1.77	3	19.65	2.28	1.32
	3	10	19.55	6.38	2.02	10	19.49	6.37	2.02	10	18.92	7.19	2.27	3	19.32	0.35	0.20
	4	10	12.97	6.64	2.10	10	18.75	4.99	1.58	10	20.91	5.20	1.64	3	17.54	4.10	2.37
	5	10	10.03	4.08	1.29	10	19.49	5.60	1.77	10	15.83	8.68	2.74	3	15.12	4.77	2.76

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	147.24	58.24	18.42	10	129.72	68.24	21.58	10	132.10	112.32	35.52	3	136.35	9.51	5.49
	2	10	82.52	55.37	17.51	10	64.59	30.95	9.79	10	74.67	20.99	6.64	3	73.92	8.99	5.19
	3	10	74.61	33.63	10.64	10	84.42	30.79	9.74	10	58.04	22.18	7.01	3	72.36	13.33	7.70
	4	10	42.06	14.53	4.60	10	57.47	20.77	6.57	10	46.01	19.16	6.06	3	48.51	8.00	4.62
	5	10	46.31	18.60	5.88	10	66.63	29.43	9.31	10	59.79	30.28	9.58	3	57.58	10.34	5.97
	6	10	25.18	14.10	4.46	10	47.82	21.93	6.93	10	39.15	13.17	4.17	3	37.39	11.42	6.59
	7	10	56.70	12.09	3.82	10	101.03	44.96	14.22	10	94.45	21.21	6.71	3	84.06	23.92	13.81
	8	10	0.52	0.44	0.14	10	1.21	1.01	0.32	10	0.86	0.41	0.13	3	0.87	0.34	0.20
	9	10	394.97	107.99	34.15	10	402.82	129.84	41.06	10	370.62	101.31	32.04	3	389.47	16.79	9.70
30-Minute	1	10	310.77	127.02	40.17	10	363.68	113.52	35.90	10	311.72	116.05	36.70	3	328.72	30.28	17.48
	2	10	127.22	51.35	16.24	10	190.93	135.34	42.80	10	142.81	56.97	18.01	3	153.65	33.21	19.18
	3	10	59.46	34.52	10.92	10	78.20	26.61	8.41	10	186.39	186.07	58.84	3	108.02	68.52	39.56
	4	10	54.46	23.99	7.59	10	61.81	18.50	5.85	10	76.51	32.32	10.22	3	64.26	11.23	6.48
	5	10	75.79	15.89	5.02	10	81.46	32.45	10.26	10	87.38	41.54	13.14	3	81.55	5.80	3.35
	6	10	26.36	10.67	3.37	10	52.29	33.34	10.54	10	36.11	19.32	6.11	3	38.25	13.09	7.56
	7	10	75.43	23.55	7.45	10	110.68	31.51	9.96	10	96.65	34.39	10.88	3	94.25	17.74	10.24
	8	10	0.22	0.55	0.17	10	0.87	0.94	0.30	10	0.79	0.82	0.26	3	0.63	0.35	0.20
	9	10	627.69	118.88	37.59	10	748.85	161.56	51.09	10	804.81	303.13	95.86	3	727.12	90.54	52.27
90-Minute	1	10	332.20	109.65	34.67	10	319.75	120.95	38.25	10	388.72	193.22	61.10	3	346.89	36.76	21.22
	2	10	165.91	64.93	20.53	10	118.92	54.35	17.19	10	126.32	71.75	22.69	3	137.05	25.27	14.59
	3	10	68.63	23.73	7.51	10	76.81	32.05	10.13	10	63.37	18.99	6.01	3	69.61	6.77	3.91
	4	10	40.35	16.70	5.28	10	33.16	18.72	5.92	10	43.06	18.13	5.73	3	38.86	5.11	2.95
	5	10	36.00	16.31	5.16	10	36.47	21.01	6.65	10	45.59	18.53	5.86	3	39.35	5.41	3.12
	6	10	32.56	19.56	6.19	10	21.36	24.22	7.66	10	26.83	12.31	3.89	3	26.92	5.60	3.23
	7	10	69.10	29.23	9.24	10	32.27	24.19	7.65	10	56.14	26.18	8.28	3	52.50	18.69	10.79
	8	10	3.13	2.63	0.83	10	0.10	0.21	0.07	10	0.55	1.17	0.37	3	1.26	1.64	0.94
	9	10	643.09	130.11	41.14	10	585.11	152.58	48.25	10	667.05	211.49	66.88	3	631.75	42.13	24.32
300-Minute	1	10	381.65	149.66	47.33	10	379.73	138.43	43.78	10	390.14	140.47	44.42	3	383.84	5.54	3.20
	2	10	126.52	30.86	9.76	10	187.99	75.33	23.82	10	135.15	36.05	11.40	3	149.88	33.28	19.21
	3	10	62.16	27.51	8.70	10	79.20	33.44	10.57	10	66.38	16.05	5.07	3	69.25	8.87	5.12
	4	10	35.40	15.20	4.81	10	43.30	23.13	7.31	10	38.97	10.87	3.44	3	39.22	3.96	2.28
	5	10	38.68	20.37	6.44	10	45.17	26.14	8.27	10	45.91	14.06	4.45	3	43.26	3.98	2.30
	6	10	18.05	10.06	3.18	10	17.77	9.85	3.11	10	25.21	11.37	3.60	3	20.34	4.22	2.44
	7	10	135.35	279.99	88.54	10	51.84	32.66	10.33	10	74.22	42.92	13.57	3	87.14	43.23	24.96
	8	10	0.69	1.65	0.52	10	0.91	1.47	0.47	10	2.32	2.67	0.85	3	1.31	0.88	0.51
	9	10	644.41	192.06	60.73	10	735.39	215.23	68.06	10	676.56	136.79	43.26	3	685.45	46.14	26.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	291.05	117.81	37.25	10	268.33	95.14	30.09	10	194.08	53.07	16.78	3	251.16	50.72	29.28
	2	10	88.81	23.35	7.38	10	126.56	74.51	23.56	10	91.06	33.52	10.60	3	102.14	21.17	12.22
	3	10	32.76	7.38	2.33	10	50.14	16.54	5.23	10	43.24	23.06	7.29	3	42.05	8.75	5.05
	4	10	24.09	12.80	4.05	10	31.30	13.13	4.15	10	27.45	11.13	3.52	3	27.61	3.61	2.08
	5	10	23.96	7.72	2.44	10	29.30	9.12	2.88	10	32.10	9.67	3.06	3	28.45	4.14	2.39
	6	10	18.96	9.98	3.16	10	18.06	12.36	3.91	10	22.40	9.33	2.95	3	19.81	2.29	1.32
	7	10	27.54	5.56	1.76	10	30.91	10.12	3.20	10	34.69	14.15	4.47	3	31.04	3.58	2.06
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.23	0.33	0.10	3	0.08	0.13	0.08
	9	10	460.67	126.59	40.03	10	505.63	133.54	42.23	10	387.93	92.16	29.14	3	451.41	59.39	34.29

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	220.84	83.62	26.44	10	237.34	83.35	26.36	10	254.85	72.75	23.00	3	237.68	17.01	9.82
	2	10	87.32	38.38	12.14	10	134.16	52.90	16.73	10	84.38	27.40	8.66	3	101.95	27.94	16.13
	3	10	36.58	9.05	2.86	10	42.83	18.18	5.75	10	40.46	19.36	6.12	3	39.96	3.15	1.82
	4	10	30.27	14.62	4.62	10	41.01	13.05	4.13	10	38.22	13.89	4.39	3	36.50	5.58	3.22
	5	10	69.89	22.28	7.05	10	68.83	35.06	11.09	10	95.20	40.77	12.89	3	77.97	14.93	8.62
	6	10	33.67	8.49	2.69	10	23.13	7.88	2.49	10	41.00	11.57	3.66	3	32.60	8.98	5.19
	7	10	95.67	20.37	6.44	10	68.41	32.92	10.41	10	115.47	22.44	7.10	3	93.18	23.63	13.64
	8	10	0.50	0.62	0.19	10	0.12	0.19	0.06	10	1.40	0.77	0.24	3	0.67	0.66	0.38
	9	10	444.90	87.94	27.81	10	524.17	134.84	42.64	10	513.11	128.29	40.57	3	494.06	42.93	24.79

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	129.77	70.82	22.40	10	115.49	65.00	20.55	10	155.19	76.13	24.07	3	133.48	20.11	11.61
	2	10	84.22	37.85	11.97	10	70.90	30.13	9.53	10	69.75	31.97	10.11	3	74.96	8.04	4.64
	3	10	79.87	53.95	17.06	10	100.82	44.93	14.21	10	65.82	33.12	10.47	3	82.17	17.61	10.17
	4	10	39.64	16.93	5.35	10	47.57	18.78	5.94	10	41.00	9.35	2.96	3	42.74	4.24	2.45
	5	10	46.31	9.52	3.01	10	85.61	30.15	9.53	10	66.73	46.06	14.57	3	66.22	19.66	11.35
	6	10	33.39	17.46	5.52	10	92.71	54.36	17.19	10	49.55	39.96	12.64	3	58.55	30.67	17.71
	7	10	60.78	20.73	6.55	10	118.12	36.14	11.43	10	88.01	57.41	18.16	3	88.97	28.68	16.56
	8	10	0.64	0.42	0.13	10	0.79	0.39	0.12	10	1.00	1.54	0.49	3	0.81	0.18	0.10
	9	10	381.45	137.19	43.38	10	420.41	127.53	40.33	10	398.49	119.92	37.92	3	400.12	19.53	11.28
30-Minute	1	10	347.48	115.48	36.52	10	333.22	160.95	50.90	10	296.31	91.65	28.98	3	325.67	26.41	15.25
	2	10	134.69	56.63	17.91	10	183.00	140.18	44.33	10	137.94	74.30	23.50	3	151.88	27.01	15.59
	3	10	62.19	25.28	8.00	10	66.27	25.55	8.08	10	149.49	141.56	44.77	3	92.65	49.27	28.44
	4	10	48.44	17.00	5.38	10	51.07	18.03	5.70	10	77.60	48.17	15.23	3	59.04	16.13	9.32
	5	10	108.52	29.25	9.25	10	116.74	30.33	9.59	10	87.73	27.22	8.61	3	104.33	14.95	8.63
	6	10	31.23	12.74	4.03	10	49.00	32.03	10.13	10	35.70	15.73	4.97	3	38.64	9.24	5.33
	7	10	95.84	25.81	8.16	10	110.14	23.93	7.57	10	91.10	19.60	6.20	3	99.03	9.91	5.72
	8	10	0.56	0.78	0.25	10	0.57	0.79	0.25	10	0.45	1.03	0.33	3	0.53	0.07	0.04
	9	10	701.32	174.27	55.11	10	724.69	200.22	63.31	10	749.06	224.56	71.01	3	725.02	23.88	13.78
90-Minute	1	10	358.50	86.19	27.25	10	291.19	100.00	31.62	10	295.53	83.12	26.28	3	315.07	37.67	21.75
	2	10	177.29	65.64	20.76	10	141.70	59.15	18.71	10	142.50	62.47	19.76	3	153.83	20.32	11.73
	3	10	72.04	32.39	10.24	10	71.94	21.18	6.70	10	70.29	46.35	14.66	3	71.42	0.99	0.57
	4	10	56.64	22.04	6.97	10	37.67	14.60	4.62	10	34.08	24.53	7.76	3	42.80	12.12	7.00
	5	10	85.07	36.59	11.57	10	61.54	25.58	8.09	10	38.82	32.01	10.12	3	61.81	23.12	13.35
	6	10	35.58	23.47	7.42	10	25.97	11.60	3.67	10	20.17	16.07	5.08	3	27.24	7.79	4.50
	7	10	173.07	81.65	25.82	10	53.95	18.32	5.79	10	80.73	136.48	43.16	3	102.58	62.49	36.08
	8	10	5.14	3.29	1.04	10	0.25	0.45	0.14	10	2.53	6.12	1.94	3	2.64	2.45	1.41
	9	10	749.53	74.04	23.41	10	604.04	124.52	39.38	10	581.22	212.02	67.05	3	644.93	91.30	52.71
300-Minute	1	10	314.39	101.46	32.08	10	321.68	133.74	42.29	10	256.44	109.85	34.74	3	297.50	35.75	20.64
	2	10	102.15	39.70	12.55	10	186.96	58.84	18.61	10	142.10	35.46	11.21	3	143.74	42.43	24.50
	3	10	67.57	34.98	11.06	10	72.60	36.08	11.41	10	65.75	25.17	7.96	3	68.64	3.55	2.05
	4	10	43.31	22.33	7.06	10	44.50	24.66	7.80	10	46.32	16.99	5.37	3	44.71	1.52	0.88
	5	10	92.89	49.23	15.57	10	70.45	38.44	12.16	10	80.20	31.43	9.94	3	81.18	11.25	6.50
	6	10	36.84	17.92	5.67	10	25.45	13.33	4.22	10	38.26	16.66	5.27	3	33.52	7.02	4.05
	7	10	157.85	215.11	68.02	10	89.38	45.76	14.47	10	141.42	117.00	37.00	3	129.55	35.75	20.64
	8	10	1.31	1.89	0.60	10	3.18	5.14	1.62	10	3.76	4.04	1.28	3	2.75	1.28	0.74
	9	10	620.30	173.71	54.93	10	696.20	215.81	68.25	10	590.81	113.65	35.94	3	635.77	54.37	31.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	79.36	47.14	14.91	10	80.21	65.15	20.60	10	92.91	35.08	11.09	3	84.16	7.59	4.38
	2	10	40.28	19.82	6.27	10	35.58	17.84	5.64	10	41.61	16.73	5.29	3	39.15	3.17	1.83
	3	10	32.12	15.75	4.98	10	40.53	14.40	4.55	10	34.94	20.39	6.45	3	35.86	4.28	2.47
	4	10	24.82	7.97	2.52	10	24.42	9.79	3.10	10	21.80	7.32	2.32	3	23.68	1.64	0.95
	5	10	18.03	3.58	1.13	10	29.41	22.81	7.21	10	18.57	7.16	2.26	3	22.00	6.42	3.71
	6	10	11.23	5.66	1.79	10	21.51	9.96	3.15	10	14.42	10.44	3.30	3	15.72	5.26	3.04
	7	10	21.65	7.64	2.41	10	43.40	45.49	14.38	10	25.09	18.75	5.93	3	30.05	11.69	6.75
	8	10	0.14	0.17	0.05	10	0.26	0.42	0.13	10	0.20	0.33	0.10	3	0.20	0.06	0.03
	9	10	195.19	76.78	24.28	10	210.13	80.89	25.58	10	209.82	52.56	16.62	3	205.05	8.54	4.93
30-Minute	1	10	157.45	130.10	41.14	10	90.18	33.14	10.48	10	165.37	84.80	26.82	3	137.67	41.31	23.85
	2	10	56.23	30.00	9.49	10	56.40	31.35	9.91	10	58.20	20.87	6.60	3	56.94	1.09	0.63
	3	10	29.37	11.69	3.70	10	26.63	7.50	2.37	10	31.52	25.69	8.12	3	29.17	2.45	1.42
	4	10	21.26	3.83	1.21	10	20.92	7.62	2.41	10	27.12	8.15	2.58	3	23.10	3.49	2.01
	5	10	32.81	7.99	2.53	10	32.60	9.23	2.92	10	23.92	6.03	1.91	3	29.78	5.08	2.93
	6	10	9.13	3.97	1.25	10	14.44	5.82	1.84	10	10.17	3.59	1.13	3	11.25	2.81	1.62
	7	10	29.28	7.51	2.37	10	35.59	16.36	5.17	10	28.49	8.61	2.72	3	31.12	3.90	2.25
	8	10	0.01	0.04	0.01	10	0.22	0.20	0.06	10	0.01	0.02	0.01	3	0.08	0.12	0.07
	9	10	297.11	152.14	48.11	10	221.21	51.52	16.29	10	306.13	87.97	27.82	3	274.82	46.65	26.93
90-Minute	1	10	161.23	68.38	21.62	10	159.13	82.96	26.24	10	160.21	74.07	23.42	3	160.19	1.05	0.61
	2	10	73.11	36.47	11.53	10	52.28	21.82	6.90	10	55.59	28.54	9.02	3	60.33	11.19	6.46
	3	10	46.08	26.32	8.32	10	28.46	13.89	4.39	10	25.23	11.95	3.78	3	33.25	11.22	6.48
	4	10	35.18	31.19	9.86	10	20.40	10.83	3.42	10	16.56	7.72	2.44	3	24.05	9.83	5.68
	5	10	48.13	31.46	9.95	10	22.37	9.53	3.01	10	17.09	13.57	4.29	3	29.20	16.60	9.59
	6	10	27.33	22.80	7.21	10	9.25	6.67	2.11	10	6.66	6.56	2.07	3	14.41	11.26	6.50
	7	10	178.48	188.14	59.49	10	25.79	29.99	9.48	10	19.58	25.37	8.02	3	74.61	90.00	51.96
	8	10	5.04	4.54	1.44	10	0.61	1.94	0.61	10	0.43	0.96	0.30	3	2.03	2.61	1.51
	9	10	363.73	146.21	46.23	10	282.64	104.00	32.89	10	274.69	106.89	33.80	3	307.02	49.27	28.45
300-Minute	1	10	106.08	61.48	19.44	10	140.77	75.72	23.94	10	141.59	82.28	26.02	3	129.48	20.27	11.70
	2	10	50.14	21.78	6.89	10	73.47	35.74	11.30	10	51.53	21.37	6.76	3	58.38	13.08	7.55
	3	10	26.19	14.04	4.44	10	33.28	16.84	5.33	10	46.09	55.14	17.44	3	35.19	10.09	5.82
	4	10	19.06	11.99	3.79	10	21.72	13.20	4.17	10	25.73	24.53	7.76	3	22.17	3.36	1.94
	5	10	33.13	15.15	4.79	10	31.16	17.11	5.41	10	42.57	40.06	12.67	3	35.62	6.10	3.52
	6	10	12.02	4.95	1.56	10	16.13	11.86	3.75	10	24.21	35.01	11.07	3	17.45	6.20	3.58
	7	10	80.10	95.30	30.14	10	80.39	82.90	26.22	10	132.13	172.23	54.46	3	97.54	29.95	17.29
	8	10	1.13	1.88	0.60	10	3.70	5.41	1.71	10	6.17	8.57	2.71	3	3.67	2.52	1.46
	9	10	234.60	93.47	29.56	10	300.40	130.36	41.22	10	307.52	140.55	44.45	3	280.84	40.20	23.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	98.50	63.51	20.08	10	99.19	47.28	14.95	10	101.34	52.46	16.59	3	99.68	1.48	0.85
	2	10	30.11	15.44	4.88	10	38.88	18.53	5.86	10	36.44	24.81	7.84	3	35.14	4.52	2.61
	3	10	14.54	4.64	1.47	10	20.54	8.47	2.68	10	16.01	6.44	2.04	3	17.03	3.13	1.80
	4	10	12.17	3.22	1.02	10	15.00	7.49	2.37	10	11.24	4.62	1.46	3	12.80	1.96	1.13
	5	10	24.24	7.40	2.34	10	27.29	8.50	2.69	10	29.01	10.25	3.24	3	26.85	2.41	1.39
	6	10	7.75	2.28	0.72	10	7.59	2.79	0.88	10	10.16	3.22	1.02	3	8.50	1.44	0.83
	7	10	32.14	7.08	2.24	10	23.62	5.14	1.62	10	35.46	10.83	3.42	3	30.41	6.11	3.53
	8	10	0.14	0.24	0.08	10	0.08	0.19	0.06	10	0.28	0.32	0.10	3	0.17	0.10	0.06
	9	10	179.57	67.80	21.44	10	200.89	67.44	21.33	10	194.03	72.41	22.90	3	191.50	10.88	6.28

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	98.06	50.43	15.95	10	98.89	64.73	20.47	10	62.36	20.10	6.36	3	86.44	20.86	12.04
	2	10	34.34	22.33	7.06	10	36.76	15.86	5.02	10	40.71	19.65	6.21	3	37.27	3.22	1.86
	3	10	17.34	7.16	2.26	10	23.36	16.57	5.24	10	22.37	8.26	2.61	3	21.02	3.23	1.87
	4	10	12.07	5.44	1.72	10	13.12	9.66	3.05	10	19.01	7.65	2.42	3	14.73	3.74	2.16
	5	10	11.49	4.71	1.49	10	15.96	12.93	4.09	10	23.77	13.98	4.42	3	17.08	6.22	3.59
	6	10	10.26	4.90	1.55	10	7.65	3.85	1.22	10	20.62	8.16	2.58	3	12.84	6.86	3.96
	7	10	17.78	11.30	3.57	10	16.47	17.89	5.66	10	44.39	34.73	10.98	3	26.21	15.75	9.09
	8	10	0.04	0.09	0.03	10	0.09	0.28	0.09	10	0.41	0.42	0.13	3	0.18	0.20	0.11
	9	10	173.29	58.62	18.54	10	188.10	84.13	26.60	10	168.23	25.97	8.21	3	176.54	10.33	5.96

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	55.30	19.29	6.10	10	64.52	26.88	8.50	10	68.32	27.16	8.59	3	62.71	6.69	3.86
	2	10	36.15	17.63	5.57	10	46.58	33.80	10.69	10	35.81	27.69	8.76	3	39.51	6.12	3.53
	3	10	45.46	18.90	5.98	10	50.79	24.14	7.63	10	35.88	14.74	4.66	3	44.04	7.55	4.36
	4	10	34.11	10.70	3.38	10	49.43	17.38	5.49	10	42.75	23.31	7.37	3	42.10	7.68	4.44
	5	10	27.59	8.03	2.54	10	60.95	31.54	9.97	10	41.59	19.30	6.10	3	43.38	16.75	9.67
	6	10	12.50	5.48	1.73	10	29.32	12.30	3.89	10	32.38	17.11	5.41	3	24.73	10.71	6.18
	7	10	40.65	16.81	5.32	10	98.02	52.83	16.71	10	87.50	39.72	12.56	3	75.39	30.54	17.63
	8	10	0.41	0.33	0.10	10	1.33	0.85	0.27	10	1.17	0.80	0.25	3	0.97	0.49	0.28
	9	10	198.82	47.67	15.07	10	272.27	83.38	26.37	10	224.36	50.68	16.03	3	231.82	37.29	21.53
30-Minute	1	10	135.30	62.38	19.72	10	74.50	38.18	12.07	10	116.42	40.04	12.66	3	108.74	31.12	17.97
	2	10	52.99	30.82	9.75	10	57.64	44.88	14.19	10	65.32	30.35	9.60	3	58.65	6.23	3.60
	3	10	37.53	17.80	5.63	10	36.75	17.32	5.48	10	32.42	17.52	5.54	3	35.57	2.75	1.59
	4	10	23.48	12.91	4.08	10	46.26	16.65	5.27	10	28.91	20.20	6.39	3	32.88	11.90	6.87
	5	10	26.93	13.46	4.26	10	47.15	15.35	4.86	10	35.14	22.58	7.14	3	36.41	10.17	5.87
	6	10	20.61	10.51	3.32	10	27.96	9.74	3.08	10	21.18	13.36	4.22	3	23.25	4.09	2.36
	7	10	41.95	19.76	6.25	10	92.82	18.94	5.99	10	54.71	42.59	13.47	3	63.16	26.46	15.28
	8	10	0.33	0.47	0.15	10	1.24	0.80	0.25	10	0.40	0.63	0.20	3	0.66	0.50	0.29
	9	10	276.23	90.72	28.69	10	252.93	65.20	20.62	10	278.21	72.52	22.93	3	269.13	14.06	8.12
90-Minute	1	10	123.31	40.03	12.66	10	181.68	107.63	34.04	10	155.07	74.63	23.60	3	153.35	29.23	16.87
	2	10	58.56	17.27	5.46	10	57.66	27.17	8.59	10	57.33	21.23	6.71	3	57.85	0.64	0.37
	3	10	35.15	10.21	3.23	10	26.58	17.06	5.40	10	29.47	17.62	5.57	3	30.40	4.36	2.52
	4	10	23.13	6.99	2.21	10	13.91	5.18	1.64	10	17.97	7.63	2.41	3	18.34	4.62	2.67
	5	10	21.82	9.97	3.15	10	15.30	5.27	1.67	10	28.69	28.30	8.95	3	21.94	6.70	3.87
	6	10	29.46	17.32	5.48	10	7.86	4.79	1.51	10	15.07	13.32	4.21	3	17.46	11.00	6.35
	7	10	75.98	44.58	14.10	10	11.58	7.03	2.22	10	53.68	93.58	29.59	3	47.08	32.70	18.88
	8	10	3.62	3.24	1.03	10	0.00	0.00	0.00	10	1.44	2.82	0.89	3	1.68	1.82	1.05
	9	10	261.97	47.95	15.16	10	295.14	138.93	43.93	10	288.53	64.37	20.35	3	281.88	17.56	10.14
300-Minute	1	10	126.97	52.52	16.61	10	171.68	86.63	27.40	10	162.19	76.73	24.26	3	153.61	23.56	13.60
	2	10	53.96	24.86	7.86	10	73.46	28.98	9.16	10	47.75	21.81	6.90	3	58.39	13.42	7.75
	3	10	25.93	12.18	3.85	10	27.90	9.84	3.11	10	28.28	22.69	7.18	3	27.37	1.26	0.73
	4	10	15.63	8.15	2.58	10	15.53	9.17	2.90	10	19.35	18.12	5.73	3	16.84	2.18	1.26
	5	10	21.75	20.72	6.55	10	15.10	6.33	2.00	10	20.56	17.28	5.46	3	19.14	3.55	2.05
	6	10	12.52	8.24	2.61	10	10.20	4.23	1.34	10	15.23	11.14	3.52	3	12.65	2.52	1.45
	7	10	62.83	117.82	37.26	10	39.85	41.08	12.99	10	96.39	139.38	44.08	3	66.36	28.43	16.42
	8	10	0.99	1.17	0.37	10	2.12	3.12	0.99	10	5.11	7.17	2.27	3	2.74	2.13	1.23
	9	10	244.24	83.96	26.55	10	303.68	114.98	36.36	10	278.14	103.17	32.62	3	275.35	29.82	17.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.17	0.56	0.19	9	2.17	0.75	0.25	6	2.42	0.49	0.20	3	2.25	0.14	0.08
	2	9	6.11	1.05	0.35	9	5.89	0.96	0.32	10	6.00	1.05	0.33	3	6.00	0.11	0.06
	3	10	10.20	0.92	0.29	10	10.35	1.33	0.42	10	10.70	1.21	0.38	3	10.42	0.26	0.15
	4	10	16.10	0.99	0.31	10	15.45	1.04	0.33	10	15.00	1.49	0.47	3	15.52	0.55	0.32
	5	10	21.75	1.77	0.56	10	21.70	1.92	0.61	10	22.30	1.44	0.45	3	21.92	0.33	0.19
	9	10	3.65	2.68	0.85	10	7.95	9.13	2.89	10	5.85	6.57	2.08	3	5.82	2.15	1.24
30-Minute	1	10	2.30	0.63	0.20	9	2.50	0.83	0.28	10	2.05	0.60	0.19	3	2.28	0.23	0.13
	2	9	5.67	0.94	0.31	10	5.50	1.20	0.38	10	6.25	0.79	0.25	3	5.81	0.39	0.23
	3	9	10.44	1.07	0.36	10	10.90	1.52	0.48	9	11.33	0.97	0.32	3	10.89	0.44	0.26
	4	10	15.75	1.06	0.34	10	15.50	1.27	0.40	10	15.85	1.20	0.38	3	15.70	0.18	0.10
	5	10	20.20	1.57	0.50	10	21.30	2.06	0.65	10	20.75	1.34	0.42	3	20.75	0.55	0.32
	9	10	2.30	0.63	0.20	10	4.65	5.82	1.84	10	3.70	3.89	1.23	3	3.55	1.18	0.68
90-Minute	1	8	2.12	0.92	0.32	9	2.33	0.61	0.20	8	2.75	0.71	0.25	3	2.40	0.32	0.18
	2	9	5.61	0.82	0.27	9	5.78	1.00	0.33	10	5.80	0.92	0.29	3	5.73	0.10	0.06
	3	10	9.75	1.21	0.38	10	10.35	1.20	0.38	9	10.17	1.00	0.33	3	10.09	0.31	0.18
	4	10	15.35	1.42	0.45	10	15.90	1.07	0.34	10	15.70	1.58	0.50	3	15.65	0.28	0.16
	5	10	20.60	1.15	0.36	10	20.40	1.39	0.44	10	21.80	1.90	0.60	3	20.93	0.76	0.44
	9	10	3.35	1.93	0.61	10	3.10	1.52	0.48	10	3.10	0.97	0.31	3	3.18	0.14	0.08
300-Minute	1	10	2.10	0.61	0.19	10	2.10	0.52	0.16	10	2.20	0.48	0.15	3	2.13	0.06	0.03
	2	10	5.85	0.82	0.26	10	6.05	1.19	0.38	9	5.94	0.81	0.27	3	5.95	0.10	0.06
	3	10	10.00	1.25	0.39	10	10.45	1.26	0.40	10	10.67	1.13	0.36	3	10.38	0.34	0.20
	4	10	15.90	0.99	0.31	10	15.45	1.42	0.45	10	15.80	1.23	0.39	3	15.72	0.24	0.14
	5	10	22.15	1.38	0.43	10	20.55	1.52	0.48	10	21.75	1.59	0.50	3	21.48	0.83	0.48
	9	10	2.10	0.61	0.19	10	2.80	1.18	0.37	10	2.60	1.29	0.41	3	2.50	0.36	0.21
600-Minute	1	10	2.60	0.70	0.22	10	2.30	0.82	0.26	8	2.31	0.75	0.27	3	2.40	0.17	0.10
	2	9	6.22	0.87	0.29	9	5.67	0.79	0.26	10	6.15	0.75	0.24	3	6.01	0.30	0.17
	3	9	10.11	1.24	0.41	10	11.10	0.74	0.23	10	10.40	0.99	0.31	3	10.54	0.51	0.29
	4	9	16.56	0.95	0.32	10	15.55	1.36	0.43	10	16.15	1.29	0.41	3	16.09	0.51	0.29
	5	10	20.10	1.31	0.41	10	21.95	2.10	0.66	10	21.40	1.29	0.41	3	21.15	0.95	0.55
	9	10	4.90	5.57	1.76	10	2.60	1.31	0.41	10	5.10	6.26	1.98	3	4.20	1.39	0.80

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.19	0.46	0.16	10	2.75	0.72	0.23	7	2.43	0.53	0.20	3	2.46	0.28	0.16
	2	10	6.20	1.01	0.32	9	5.72	0.83	0.28	10	5.95	0.83	0.26	3	5.96	0.24	0.14
	3	10	10.30	1.21	0.38	10	9.80	1.38	0.44	10	10.20	1.30	0.41	3	10.10	0.26	0.15
	4	10	15.80	1.14	0.36	10	14.70	0.95	0.30	10	15.15	1.53	0.48	3	15.22	0.55	0.32
	5	10	21.00	1.63	0.52	10	20.25	1.65	0.52	10	20.70	1.03	0.33	3	20.65	0.38	0.22
	9	10	3.50	2.80	0.89	10	3.40	1.56	0.49	10	3.65	1.81	0.57	3	3.52	0.13	0.07
30-Minute	1	10	2.50	0.67	0.21	8	2.00	0.46	0.16	10	2.20	0.67	0.21	3	2.23	0.25	0.15
	2	9	6.06	1.04	0.35	10	5.60	0.94	0.30	9	6.33	0.61	0.20	3	6.00	0.37	0.21
	3	10	10.50	1.05	0.33	10	9.90	1.07	0.34	10	10.55	1.09	0.35	3	10.32	0.36	0.21
	4	10	14.95	1.09	0.35	9	15.00	1.06	0.35	10	16.20	1.11	0.35	3	15.38	0.71	0.41
	5	10	21.05	1.76	0.56	9	21.17	1.75	0.58	10	20.45	1.46	0.46	3	20.89	0.38	0.22
	9	10	2.70	0.92	0.29	10	2.75	1.16	0.37	10	4.70	4.18	1.32	3	3.38	1.14	0.66
90-Minute	1	10	2.10	0.70	0.22	9	2.28	0.67	0.22	10	2.05	0.60	0.19	3	2.14	0.12	0.07
	2	9	5.78	1.00	0.33	10	6.15	1.06	0.33	9	6.50	0.87	0.29	3	6.14	0.36	0.21
	3	10	9.40	0.99	0.31	10	10.45	1.30	0.41	10	10.05	1.19	0.38	3	9.97	0.53	0.31
	4	10	15.40	1.52	0.48	10	15.80	1.18	0.37	9	15.11	1.50	0.50	3	15.44	0.35	0.20
	5	10	20.60	1.39	0.44	10	20.75	1.32	0.42	10	21.30	1.96	0.62	3	20.88	0.37	0.21
	9	10	2.35	1.03	0.33	10	2.45	0.83	0.26	10	2.05	0.60	0.19	3	2.28	0.21	0.12
300-Minute	1	10	1.95	0.55	0.17	10	2.35	0.53	0.17	10	2.30	0.59	0.19	3	2.20	0.22	0.13
	2	10	5.95	0.76	0.24	9	6.22	1.33	0.44	9	6.28	1.06	0.35	3	6.15	0.18	0.10
	3	9	10.50	1.22	0.41	10	10.20	1.11	0.35	9	9.89	1.11	0.37	3	10.20	0.31	0.18
	4	10	15.45	1.46	0.46	10	15.00	1.15	0.37	10	15.55	1.52	0.48	3	15.33	0.29	0.17
	5	10	22.50	1.62	0.51	10	22.50	1.56	0.49	10	21.77	0.93	0.29	3	22.26	0.42	0.24
	9	10	1.95	0.55	0.17	10	2.55	0.72	0.23	10	2.30	0.59	0.19	3	2.27	0.30	0.17
600-Minute	1	10	2.30	0.75	0.24	9	2.56	0.58	0.19	9	2.50	0.75	0.25	3	2.45	0.13	0.08
	2	10	5.55	0.60	0.19	8	5.81	0.96	0.34	10	5.30	0.59	0.19	3	5.55	0.26	0.15
	3	10	10.65	1.36	0.43	10	10.75	1.30	0.41	10	9.80	0.67	0.21	3	10.40	0.52	0.30
	4	10	15.30	1.23	0.39	10	15.35	1.56	0.49	10	15.70	1.38	0.44	3	15.45	0.22	0.13
	5	10	21.75	1.50	0.47	10	22.00	2.15	0.68	10	20.80	1.77	0.56	3	21.52	0.63	0.37
	9	10	2.30	0.75	0.24	10	3.00	1.18	0.37	10	2.80	1.18	0.37	3	2.70	0.36	0.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.11	0.49	0.16	10	2.30	0.59	0.19	7	2.57	0.79	0.30	3	2.33	0.23	0.13
	2	10	5.80	0.95	0.30	10	6.40	0.74	0.23	9	5.89	1.08	0.36	3	6.03	0.32	0.19
	3	10	9.60	1.15	0.36	10	10.35	1.16	0.37	10	10.15	1.16	0.37	3	10.03	0.39	0.22
	4	10	15.40	1.43	0.45	10	15.70	1.38	0.44	10	15.55	1.09	0.35	3	15.55	0.15	0.09
	5	10	20.65	2.12	0.67	10	20.65	1.78	0.56	10	20.52	1.47	0.47	3	20.61	0.07	0.04
	9	10	5.60	6.94	2.19	10	9.55	8.96	2.83	10	10.55	7.69	2.43	3	8.57	2.62	1.51
30-Minute	1	8	2.56	0.82	0.29	9	2.22	0.67	0.22	10	2.35	0.67	0.21	3	2.38	0.17	0.10
	2	9	5.61	0.65	0.22	9	6.00	1.06	0.35	10	5.75	0.89	0.28	3	5.79	0.20	0.11
	3	10	9.75	0.95	0.30	10	10.95	1.12	0.35	10	10.90	1.61	0.51	3	10.53	0.68	0.39
	4	10	15.65	1.23	0.39	10	15.50	1.37	0.43	10	15.30	1.11	0.35	3	15.48	0.18	0.10
	5	10	21.90	1.81	0.57	10	20.82	1.77	0.56	10	21.65	2.24	0.71	3	21.46	0.56	0.32
	9	10	4.25	4.07	1.29	10	4.70	4.08	1.29	10	4.20	5.13	1.62	3	4.38	0.28	0.16
90-Minute	1	8	2.37	0.64	0.23	9	2.28	0.97	0.32	8	2.25	0.76	0.27	3	2.30	0.07	0.04
	2	9	5.86	1.04	0.35	8	6.25	0.65	0.23	10	6.10	1.10	0.35	3	6.07	0.20	0.11
	3	10	10.10	1.05	0.33	9	9.83	1.30	0.43	9	9.67	1.15	0.38	3	9.87	0.22	0.13
	4	10	15.80	1.16	0.37	10	14.75	1.27	0.40	10	15.65	1.11	0.35	3	15.40	0.57	0.33
	5	10	21.27	2.12	0.67	9	21.28	1.48	0.49	9	21.11	2.23	0.74	3	21.22	0.10	0.06
	9	10	2.85	1.20	0.38	10	3.10	2.26	0.71	10	4.55	5.56	1.76	3	3.50	0.92	0.53
300-Minute	1	8	2.00	0.80	0.28	9	2.11	0.70	0.23	9	2.67	0.75	0.25	3	2.26	0.36	0.21
	2	9	5.94	0.98	0.33	10	5.95	0.64	0.20	9	6.17	1.03	0.34	3	6.02	0.13	0.07
	3	10	10.90	1.15	0.36	10	9.50	0.75	0.24	9	10.72	1.48	0.49	3	10.37	0.76	0.44
	4	9	15.44	1.38	0.46	9	15.39	1.17	0.39	9	15.67	1.56	0.52	3	15.50	0.15	0.08
	5	10	21.45	2.31	0.73	10	21.60	2.21	0.70	10	21.83	1.99	0.63	3	21.63	0.19	0.11
	9	10	4.50	7.10	2.25	10	2.30	0.89	0.28	10	3.25	1.25	0.40	3	3.35	1.10	0.64
600-Minute	1	7	1.86	0.48	0.18	9	2.33	0.90	0.30	10	2.30	0.48	0.15	3	2.16	0.27	0.15
	2	7	6.14	0.80	0.30	9	5.78	0.67	0.22	10	6.05	1.07	0.34	3	5.99	0.19	0.11
	3	10	10.20	0.75	0.24	9	10.00	1.37	0.46	10	9.90	1.41	0.45	3	10.03	0.15	0.09
	4	10	15.90	1.37	0.43	9	15.39	1.41	0.47	10	15.25	1.23	0.39	3	15.51	0.34	0.20
	5	10	20.75	2.06	0.65	10	21.35	2.10	0.66	10	21.35	1.45	0.46	3	21.15	0.35	0.20
	9	10	3.45	2.35	0.74	10	5.05	6.33	2.00	10	2.30	0.48	0.15	3	3.60	1.38	0.80

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.11	0.49	0.16	10	2.05	0.64	0.20	9	2.44	0.58	0.19	3	2.20	0.21	0.12
	2	10	6.45	0.76	0.24	10	6.30	1.03	0.33	8	5.94	1.12	0.39	3	6.23	0.26	0.15
	3	10	10.65	1.33	0.42	10	10.90	1.51	0.48	10	10.65	1.42	0.45	3	10.73	0.14	0.08
	4	9	14.83	1.00	0.33	10	14.90	1.22	0.39	9	15.67	1.22	0.41	3	15.13	0.46	0.27
	5	10	21.00	1.96	0.62	10	21.50	2.04	0.65	10	21.75	1.40	0.44	3	21.42	0.38	0.22
	9	10	3.00	2.56	0.81	10	6.60	5.88	1.86	10	3.35	2.92	0.92	3	4.32	1.99	1.15
30-Minute	1	10	2.45	0.69	0.22	10	2.45	0.69	0.22	9	1.78	0.36	0.12	3	2.23	0.39	0.22
	2	10	5.80	1.06	0.33	10	6.30	0.79	0.25	10	5.60	1.02	0.32	3	5.90	0.36	0.21
	3	10	10.30	1.38	0.44	10	11.00	0.94	0.30	9	10.17	1.44	0.48	3	10.49	0.45	0.26
	4	9	15.44	0.85	0.28	10	15.00	1.29	0.41	10	15.10	1.51	0.48	3	15.18	0.23	0.13
	5	10	20.85	1.51	0.48	10	21.30	1.14	0.36	10	21.35	1.51	0.48	3	21.17	0.28	0.16
	9	10	4.65	6.35	2.01	10	3.05	1.19	0.38	10	3.70	4.83	1.53	3	3.80	0.80	0.46
90-Minute	1	10	2.10	0.70	0.22	10	2.25	0.82	0.26	9	2.56	0.81	0.27	3	2.30	0.23	0.13
	2	9	5.78	0.79	0.26	9	6.28	0.67	0.22	9	5.61	0.99	0.33	3	5.89	0.35	0.20
	3	10	10.65	1.27	0.40	10	9.85	1.16	0.37	9	9.56	1.33	0.44	3	10.02	0.57	0.33
	4	10	15.55	1.36	0.43	10	15.60	1.39	0.44	10	16.15	1.29	0.41	3	15.77	0.33	0.19
	5	10	21.25	2.10	0.66	10	21.25	1.55	0.49	10	21.35	1.70	0.54	3	21.28	0.06	0.03
	9	10	2.10	0.70	0.22	10	2.85	1.68	0.53	10	3.40	1.81	0.57	3	2.78	0.65	0.38
300-Minute	1	10	1.80	0.35	0.11	9	1.94	0.53	0.18	8	2.00	0.60	0.21	3	1.91	0.10	0.06
	2	10	6.05	0.90	0.28	9	5.89	0.99	0.33	10	5.25	0.63	0.20	3	5.73	0.42	0.24
	3	10	10.15	1.27	0.40	10	10.75	1.23	0.39	9	10.78	1.30	0.43	3	10.56	0.35	0.20
	4	10	15.20	1.03	0.33	10	15.25	0.82	0.26	9	15.67	1.35	0.45	3	15.37	0.26	0.15
	5	10	21.35	1.20	0.38	10	21.20	2.00	0.63	10	21.90	1.87	0.59	3	21.48	0.37	0.21
	9	10	4.15	6.49	2.05	10	2.55	1.38	0.44	10	3.50	2.55	0.81	3	3.40	0.80	0.46
600-Minute	1	9	1.61	0.22	0.07	7	2.00	0.87	0.33	9	2.28	0.67	0.22	3	1.96	0.33	0.19
	2	9	5.67	0.66	0.22	8	5.87	1.06	0.38	9	5.50	0.66	0.22	3	5.68	0.19	0.11
	3	10	10.05	1.32	0.42	9	10.06	1.31	0.44	10	10.25	1.11	0.35	3	10.12	0.11	0.07
	4	10	16.05	1.17	0.37	10	16.05	1.55	0.49	10	16.20	1.23	0.39	3	16.10	0.09	0.05
	5	10	21.15	1.58	0.50	10	21.35	1.16	0.37	10	21.50	1.35	0.43	3	21.33	0.18	0.10
	9	10	4.20	6.61	2.09	10	4.25	5.36	1.69	10	6.70	7.85	2.48	3	5.05	1.43	0.83

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.19	0.23	0.07	10	2.15	0.23	0.07	10	2.04	0.30	0.10	3	2.12	0.08	0.05
	2	10	5.48	0.36	0.11	10	5.52	0.31	0.10	10	5.52	0.39	0.12	3	5.51	0.03	0.01
	3	10	10.06	0.34	0.11	10	10.21	0.29	0.09	10	10.16	0.48	0.15	3	10.14	0.08	0.04
	4	10	15.29	0.60	0.19	10	14.99	0.52	0.17	10	14.73	0.58	0.18	3	15.00	0.28	0.16
	5	10	21.34	0.60	0.19	10	21.42	0.56	0.18	10	21.58	0.46	0.14	3	21.44	0.12	0.07
	9	10	8.46	1.22	0.39	10	10.30	1.97	0.62	10	8.51	2.23	0.70	3	9.09	1.05	0.61
30-Minute	1	10	2.11	0.16	0.05	10	2.19	0.28	0.09	10	2.09	0.20	0.06	3	2.13	0.05	0.03
	2	10	5.55	0.30	0.10	10	5.21	0.59	0.19	10	5.64	0.40	0.12	3	5.47	0.23	0.13
	3	10	9.85	0.45	0.14	10	10.12	0.55	0.18	10	10.04	0.77	0.25	3	10.00	0.14	0.08
	4	10	15.35	0.26	0.08	10	15.24	0.43	0.14	10	15.24	0.45	0.14	3	15.28	0.06	0.04
	5	10	20.86	0.35	0.11	10	21.05	0.47	0.15	10	20.88	0.59	0.19	3	20.93	0.11	0.06
	9	10	7.33	0.98	0.31	10	7.73	1.18	0.37	10	7.80	1.41	0.45	3	7.62	0.25	0.15
90-Minute	1	10	1.97	0.18	0.06	10	2.19	0.27	0.09	10	2.15	0.33	0.11	3	2.10	0.12	0.07
	2	10	5.41	0.26	0.08	10	5.54	0.20	0.06	10	5.20	0.21	0.07	3	5.38	0.17	0.10
	3	10	9.87	0.35	0.11	10	10.02	0.37	0.12	10	9.75	0.34	0.11	3	9.88	0.13	0.08
	4	10	15.33	0.48	0.15	10	15.48	0.41	0.13	10	15.06	0.54	0.17	3	15.29	0.22	0.12
	5	10	20.93	0.55	0.17	10	20.71	0.42	0.13	10	20.97	0.54	0.17	3	20.87	0.14	0.08
	9	10	6.70	1.08	0.34	10	6.71	0.98	0.31	10	5.58	0.93	0.29	3	6.33	0.65	0.38
300-Minute	1	10	2.09	0.23	0.07	10	2.20	0.27	0.08	10	2.16	0.15	0.05	3	2.15	0.06	0.03
	2	10	5.58	0.30	0.09	10	5.36	0.41	0.13	10	5.41	0.41	0.13	3	5.45	0.12	0.07
	3	10	9.75	0.33	0.10	10	9.93	0.54	0.17	10	9.83	0.37	0.12	3	9.84	0.09	0.05
	4	10	15.55	0.48	0.15	10	15.02	0.34	0.11	10	15.55	0.47	0.15	3	15.38	0.31	0.18
	5	10	21.40	0.67	0.21	10	20.93	0.61	0.19	10	21.36	0.37	0.12	3	21.23	0.26	0.15
	9	10	7.39	1.64	0.52	10	6.61	1.02	0.32	10	7.56	1.43	0.45	3	7.18	0.50	0.29
600-Minute	1	10	1.96	0.22	0.07	10	2.16	0.19	0.06	10	1.92	0.31	0.10	3	2.01	0.13	0.07
	2	10	5.65	0.33	0.10	10	5.26	0.30	0.09	10	5.63	0.29	0.09	3	5.51	0.22	0.13
	3	10	9.91	0.41	0.13	10	10.11	0.51	0.16	10	9.89	0.33	0.10	3	9.97	0.12	0.07
	4	10	15.20	0.34	0.11	10	15.17	0.40	0.13	10	15.52	0.52	0.16	3	15.30	0.20	0.11
	5	10	21.09	0.43	0.14	10	21.24	0.50	0.16	10	21.37	0.30	0.09	3	21.23	0.14	0.08
	9	10	7.31	1.42	0.45	10	7.15	0.81	0.26	10	7.81	1.20	0.38	3	7.43	0.34	0.20

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.23	0.17	0.06	10	2.16	0.26	0.08	10	2.17	0.20	0.06	3	2.19	0.04	0.02
	2	10	5.51	0.27	0.09	10	5.62	0.25	0.08	10	5.57	0.44	0.14	3	5.57	0.06	0.03
	3	10	10.14	0.39	0.12	10	10.19	0.30	0.09	10	10.21	0.44	0.14	3	10.18	0.04	0.02
	4	10	15.06	0.47	0.15	10	14.97	0.26	0.08	10	15.00	0.48	0.15	3	15.01	0.04	0.03
	5	10	21.11	0.52	0.16	10	20.96	0.38	0.12	10	21.12	0.32	0.10	3	21.06	0.09	0.05
	9	10	8.12	1.14	0.36	10	9.48	1.56	0.49	10	9.02	2.03	0.64	3	8.87	0.69	0.40
30-Minute	1	10	2.17	0.18	0.06	10	2.10	0.28	0.09	10	2.14	0.20	0.06	3	2.14	0.03	0.02
	2	10	5.39	0.37	0.12	10	5.24	0.74	0.23	10	5.72	0.31	0.10	3	5.45	0.24	0.14
	3	10	9.94	0.29	0.09	10	10.19	0.54	0.17	10	10.01	0.77	0.24	3	10.05	0.12	0.07
	4	10	15.28	0.41	0.13	10	15.32	0.42	0.13	10	15.25	0.40	0.13	3	15.28	0.04	0.02
	5	10	20.73	0.35	0.11	10	21.06	0.67	0.21	10	20.98	0.64	0.20	3	20.92	0.17	0.10
	9	10	7.02	1.18	0.37	10	6.86	1.31	0.41	10	7.85	1.49	0.47	3	7.24	0.53	0.31
90-Minute	1	10	2.12	0.22	0.07	10	2.20	0.17	0.05	10	2.22	0.21	0.07	3	2.18	0.05	0.03
	2	10	5.36	0.31	0.10	10	5.44	0.32	0.10	10	5.26	0.29	0.09	3	5.36	0.09	0.05
	3	10	9.92	0.26	0.08	10	10.13	0.25	0.08	10	10.09	0.27	0.08	3	10.05	0.11	0.06
	4	10	15.15	0.33	0.10	10	15.20	0.34	0.11	10	15.15	0.53	0.17	3	15.16	0.03	0.02
	5	10	20.82	0.41	0.13	10	20.74	0.50	0.16	10	20.87	0.48	0.15	3	20.81	0.07	0.04
	9	10	5.71	0.91	0.29	10	5.84	1.27	0.40	10	5.87	1.13	0.36	3	5.80	0.09	0.05
300-Minute	1	10	2.12	0.25	0.08	10	2.24	0.14	0.05	10	2.10	0.27	0.08	3	2.15	0.07	0.04
	2	10	5.38	0.34	0.11	10	5.36	0.39	0.12	10	5.44	0.35	0.11	3	5.40	0.04	0.02
	3	10	9.89	0.39	0.12	10	9.94	0.46	0.15	10	9.75	0.34	0.11	3	9.86	0.10	0.06
	4	10	15.10	0.43	0.13	10	14.98	0.24	0.08	10	15.13	0.44	0.14	3	15.07	0.08	0.05
	5	10	21.44	0.58	0.18	10	20.99	0.77	0.24	10	21.26	0.23	0.07	3	21.23	0.22	0.13
	9	10	5.52	0.93	0.29	10	5.73	0.85	0.27	10	5.66	0.76	0.24	3	5.63	0.10	0.06
600-Minute	1	10	2.01	0.13	0.04	10	2.15	0.24	0.08	10	2.08	0.30	0.09	3	2.08	0.07	0.04
	2	10	5.51	0.16	0.05	10	5.34	0.24	0.08	10	5.51	0.22	0.07	3	5.45	0.10	0.06
	3	10	10.00	0.36	0.11	10	9.97	0.46	0.15	10	9.84	0.31	0.10	3	9.93	0.09	0.05
	4	10	15.08	0.50	0.16	10	15.08	0.27	0.09	10	15.35	0.38	0.12	3	15.17	0.16	0.09
	5	10	21.28	0.42	0.13	10	21.19	0.67	0.21	10	21.21	0.29	0.09	3	21.23	0.05	0.03
	9	10	5.09	0.91	0.29	10	5.70	0.81	0.26	10	6.34	0.78	0.25	3	5.71	0.63	0.36

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.27	0.08	10	2.08	0.23	0.07	10	1.92	0.49	0.15	3	2.03	0.09	0.05
	2	10	5.74	0.41	0.13	10	5.69	0.39	0.12	10	5.58	0.43	0.14	3	5.67	0.08	0.05
	3	10	9.96	0.31	0.10	10	10.30	0.31	0.10	10	10.31	0.36	0.11	3	10.19	0.20	0.11
	4	10	14.99	0.29	0.09	10	15.19	0.40	0.13	10	15.15	0.32	0.10	3	15.11	0.10	0.06
	5	10	20.88	0.38	0.12	10	20.91	0.58	0.18	10	21.08	0.52	0.16	3	20.96	0.11	0.06
	9	10	9.52	1.13	0.36	10	10.94	2.18	0.69	10	9.93	2.17	0.69	3	10.13	0.73	0.42
30-Minute	1	10	1.91	0.23	0.07	10	2.17	0.20	0.06	10	2.03	0.16	0.05	3	2.04	0.13	0.07
	2	10	5.55	0.37	0.12	10	5.36	0.68	0.22	10	5.57	0.25	0.08	3	5.49	0.12	0.07
	3	10	9.93	0.42	0.13	10	10.09	0.48	0.15	10	10.25	0.61	0.19	3	10.09	0.16	0.09
	4	10	15.03	0.42	0.13	10	15.10	0.34	0.11	10	15.22	0.38	0.12	3	15.11	0.10	0.06
	5	10	21.22	0.44	0.14	10	20.96	0.54	0.17	10	20.94	0.80	0.25	3	21.04	0.16	0.09
	9	10	7.18	2.01	0.64	10	10.05	1.60	0.51	10	7.61	1.77	0.56	3	8.28	1.55	0.89
90-Minute	1	10	2.03	0.25	0.08	10	1.99	0.26	0.08	10	1.89	0.24	0.08	3	1.97	0.08	0.04
	2	10	5.52	0.33	0.11	10	5.40	0.35	0.11	10	5.48	0.38	0.12	3	5.47	0.06	0.04
	3	10	9.85	0.34	0.11	10	9.86	0.39	0.12	10	9.99	0.38	0.12	3	9.90	0.08	0.04
	4	10	15.09	0.41	0.13	10	15.03	0.47	0.15	10	15.11	0.34	0.11	3	15.08	0.04	0.02
	5	10	21.24	0.58	0.18	10	20.63	0.53	0.17	10	21.01	0.46	0.14	3	20.96	0.30	0.18
	9	10	6.70	1.30	0.41	10	5.35	1.50	0.47	10	6.40	2.73	0.86	3	6.15	0.71	0.41
300-Minute	1	10	1.96	0.24	0.07	10	2.08	0.17	0.05	10	1.98	0.33	0.10	3	2.01	0.06	0.04
	2	10	5.42	0.19	0.06	10	5.47	0.32	0.10	10	5.44	0.32	0.10	3	5.44	0.03	0.02
	3	10	9.85	0.49	0.15	10	9.89	0.31	0.10	10	10.11	0.67	0.21	3	9.95	0.14	0.08
	4	10	14.95	0.34	0.11	10	15.25	0.32	0.10	10	15.10	0.44	0.14	3	15.10	0.15	0.09
	5	10	20.96	0.48	0.15	10	21.07	0.54	0.17	10	21.04	0.78	0.25	3	21.02	0.06	0.03
	9	10	6.22	2.61	0.83	10	5.38	1.15	0.36	10	5.68	1.65	0.52	3	5.76	0.42	0.24
600-Minute	1	10	1.94	0.17	0.05	10	1.87	0.29	0.09	10	2.18	0.19	0.06	3	1.99	0.16	0.09
	2	10	5.53	0.27	0.09	10	5.47	0.36	0.12	10	5.63	0.33	0.11	3	5.54	0.08	0.05
	3	10	9.99	0.36	0.11	10	9.81	0.48	0.15	10	9.83	0.37	0.12	3	9.88	0.10	0.06
	4	10	15.06	0.61	0.19	10	15.17	0.45	0.14	10	15.25	0.26	0.08	3	15.16	0.09	0.05
	5	10	20.77	0.33	0.10	10	20.94	0.57	0.18	10	20.88	0.42	0.13	3	20.87	0.09	0.05
	9	10	5.92	1.30	0.41	10	6.50	2.56	0.81	10	8.25	1.75	0.55	3	6.89	1.21	0.70

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.15	0.23	0.07	10	2.09	0.21	0.07	10	2.02	0.22	0.07	3	2.09	0.07	0.04
	2	10	5.69	0.44	0.14	10	5.67	0.30	0.09	10	5.41	0.32	0.10	3	5.59	0.15	0.09
	3	10	10.22	0.43	0.14	10	10.41	0.34	0.11	10	10.21	0.52	0.16	3	10.28	0.11	0.06
	4	10	14.87	0.23	0.07	10	14.72	0.41	0.13	10	14.94	0.46	0.15	3	14.84	0.11	0.06
	5	10	20.87	0.36	0.11	10	21.35	0.46	0.15	10	21.30	0.77	0.24	3	21.18	0.26	0.15
	9	10	8.03	1.52	0.48	10	9.03	2.85	0.90	10	7.27	1.28	0.41	3	8.11	0.88	0.51
30-Minute	1	10	2.06	0.28	0.09	10	2.32	0.28	0.09	10	2.06	0.12	0.04	3	2.15	0.15	0.09
	2	10	5.53	0.37	0.12	10	5.37	0.55	0.17	10	5.45	0.40	0.13	3	5.45	0.08	0.05
	3	10	10.08	0.28	0.09	10	10.08	0.37	0.12	10	10.11	0.42	0.13	3	10.09	0.01	0.01
	4	10	15.24	0.24	0.08	10	15.24	0.39	0.12	10	15.05	0.50	0.16	3	15.17	0.11	0.06
	5	10	20.80	0.57	0.18	10	21.17	0.31	0.10	10	20.89	0.41	0.13	3	20.95	0.19	0.11
	9	10	7.18	1.54	0.49	10	8.11	0.84	0.26	10	6.57	1.98	0.62	3	7.29	0.77	0.45
90-Minute	1	10	2.11	0.28	0.09	10	2.14	0.26	0.08	10	2.02	0.25	0.08	3	2.09	0.06	0.04
	2	10	5.50	0.39	0.12	10	5.48	0.45	0.14	10	5.40	0.37	0.12	3	5.46	0.05	0.03
	3	10	9.91	0.50	0.16	10	10.03	0.46	0.15	10	9.93	0.38	0.12	3	9.96	0.06	0.04
	4	10	15.38	0.34	0.11	10	15.16	0.27	0.09	10	15.00	0.45	0.14	3	15.18	0.19	0.11
	5	10	21.07	0.39	0.12	10	20.73	0.38	0.12	10	20.78	0.33	0.11	3	20.86	0.18	0.11
	9	10	7.31	1.45	0.46	10	6.16	1.30	0.41	10	5.43	0.87	0.28	3	6.30	0.95	0.55
300-Minute	1	10	2.10	0.16	0.05	10	2.11	0.20	0.06	10	2.01	0.30	0.09	3	2.08	0.05	0.03
	2	10	5.44	0.23	0.07	10	5.55	0.33	0.11	10	5.46	0.28	0.09	3	5.48	0.06	0.03
	3	10	9.97	0.31	0.10	10	9.80	0.45	0.14	10	10.01	0.49	0.15	3	9.93	0.11	0.06
	4	10	15.26	0.38	0.12	10	15.21	0.26	0.08	10	15.20	0.46	0.15	3	15.22	0.04	0.02
	5	10	21.37	0.43	0.14	10	20.99	0.51	0.16	10	21.38	0.41	0.13	3	21.25	0.22	0.13
	9	10	7.75	1.67	0.53	10	6.71	1.25	0.39	10	7.17	2.17	0.69	3	7.21	0.52	0.30
600-Minute	1	10	1.87	0.26	0.08	10	1.91	0.25	0.08	10	2.03	0.22	0.07	3	1.94	0.08	0.05
	2	10	5.50	0.38	0.12	10	5.36	0.24	0.08	10	5.44	0.21	0.07	3	5.43	0.07	0.04
	3	10	9.84	0.43	0.14	10	9.82	0.35	0.11	10	9.88	0.21	0.07	3	9.85	0.03	0.02
	4	10	15.19	0.26	0.08	10	15.37	0.39	0.12	10	15.37	0.31	0.10	3	15.31	0.10	0.06
	5	10	21.17	0.45	0.14	10	21.16	0.33	0.10	10	21.24	0.45	0.14	3	21.19	0.04	0.02
	9	10	7.16	2.12	0.67	10	7.33	1.65	0.52	10	7.40	1.85	0.58	3	7.30	0.13	0.07

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	33.18	11.42	3.61	10	26.07	9.34	2.95	10	38.69	16.77	5.30	3	32.65	6.33	3.65
	2	10	21.80	5.82	1.84	10	16.91	5.15	1.63	10	17.93	7.90	2.50	3	18.88	2.58	1.49
	3	10	20.34	8.82	2.79	10	23.62	6.01	1.90	10	16.45	6.37	2.02	3	20.14	3.58	2.07
	4	10	10.94	4.29	1.36	10	11.70	5.03	1.59	10	10.98	3.83	1.21	3	11.21	0.43	0.25
	5	10	13.29	4.65	1.47	10	21.71	9.07	2.87	10	15.94	10.29	3.25	3	16.98	4.30	2.48
30-Minute	1	10	49.09	8.49	2.68	10	44.71	11.74	3.71	10	41.86	13.41	4.24	3	45.22	3.64	2.10
	2	10	19.27	6.38	2.02	10	25.10	16.87	5.33	10	18.24	6.70	2.12	3	20.87	3.70	2.14
	3	10	9.04	4.00	1.27	10	9.14	2.70	0.85	10	18.04	14.61	4.62	3	12.07	5.17	2.98
	4	10	6.90	1.94	0.61	10	7.37	3.15	1.00	10	9.96	4.44	1.40	3	8.08	1.65	0.95
	5	10	15.69	3.66	1.16	10	16.82	5.42	1.72	10	11.91	2.72	0.86	3	14.81	2.57	1.48
90-Minute	1	10	47.65	8.94	2.83	10	47.42	10.44	3.30	10	52.50	8.44	2.67	3	49.19	2.87	1.66
	2	10	23.83	9.11	2.88	10	23.55	7.98	2.52	10	24.74	7.58	2.40	3	24.04	0.62	0.36
	3	10	9.62	4.36	1.38	10	12.29	4.29	1.36	10	11.15	3.35	1.06	3	11.02	1.34	0.78
	4	10	7.53	2.81	0.89	10	6.41	2.33	0.74	10	5.49	2.49	0.79	3	6.48	1.02	0.59
	5	10	11.37	4.94	1.56	10	10.32	4.33	1.37	10	6.11	2.84	0.90	3	9.27	2.78	1.61
300-Minute	1	10	50.33	7.93	2.51	10	45.29	9.02	2.85	10	42.25	11.47	3.63	3	45.96	4.08	2.36
	2	10	16.49	4.63	1.47	10	27.82	7.39	2.34	10	24.74	7.85	2.48	3	23.02	5.86	3.38
	3	10	11.03	5.20	1.65	10	10.15	2.62	0.83	10	11.20	4.29	1.36	3	10.79	0.56	0.33
	4	10	6.83	2.58	0.82	10	6.57	3.91	1.24	10	7.99	3.13	0.99	3	7.13	0.75	0.43
	5	10	15.33	8.64	2.73	10	10.17	3.75	1.19	10	13.82	5.64	1.78	3	13.10	2.65	1.53
600-Minute	1	10	48.73	13.25	4.19	10	44.88	9.15	2.89	10	49.60	5.67	1.79	3	47.74	2.51	1.45
	2	10	20.01	7.67	2.42	10	25.98	8.14	2.57	10	16.31	2.82	0.89	3	20.77	4.88	2.82
	3	10	8.36	2.10	0.66	10	8.10	2.13	0.67	10	7.78	2.73	0.86	3	8.08	0.29	0.17
	4	10	6.96	3.16	1.00	10	8.06	2.95	0.93	10	7.51	1.81	0.57	3	7.51	0.55	0.32
	5	10	15.93	4.89	1.55	10	12.99	4.58	1.45	10	18.80	6.78	2.14	3	15.90	2.91	1.68

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	37.16	11.10	3.51	10	31.28	10.85	3.43	10	33.02	16.38	5.18	3	33.82	3.02	1.75
	2	10	19.56	6.63	2.10	10	15.90	6.20	1.96	10	20.90	5.33	1.69	3	18.79	2.59	1.49
	3	10	19.43	8.13	2.57	10	21.06	4.61	1.46	10	16.39	6.56	2.07	3	18.96	2.37	1.37
	4	10	11.31	4.72	1.49	10	14.91	6.01	1.90	10	13.14	5.83	1.84	3	13.12	1.80	1.04
	5	10	12.05	4.34	1.37	10	16.85	6.76	2.14	10	16.55	7.01	2.22	3	15.15	2.69	1.55
30-Minute	1	10	48.41	12.88	4.07	10	48.44	10.70	3.38	10	40.36	11.69	3.70	3	45.74	4.65	2.69
	2	10	20.91	9.43	2.98	10	24.58	14.82	4.69	10	18.62	5.94	1.88	3	21.37	3.01	1.74
	3	10	9.51	4.93	1.56	10	10.62	3.52	1.11	10	19.72	13.66	4.32	3	13.28	5.60	3.23
	4	10	8.62	2.92	0.92	10	8.34	2.38	0.75	10	10.21	5.82	1.84	3	9.06	1.01	0.58
	5	10	12.54	3.78	1.20	10	11.18	4.49	1.42	10	11.09	3.34	1.06	3	11.60	0.82	0.47
90-Minute	1	10	50.82	9.58	3.03	10	53.87	12.20	3.86	10	56.28	11.41	3.61	3	53.66	2.73	1.58
	2	10	26.23	9.97	3.15	10	20.33	6.99	2.21	10	18.91	8.03	2.54	3	21.82	3.88	2.24
	3	10	10.79	3.48	1.10	10	13.75	6.39	2.02	10	10.39	4.52	1.43	3	11.64	1.83	1.06
	4	10	6.42	2.72	0.86	10	5.84	3.52	1.11	10	7.08	3.88	1.23	3	6.44	0.62	0.36
	5	10	5.74	2.93	0.93	10	6.22	2.53	0.80	10	7.34	3.12	0.99	3	6.43	0.82	0.47
300-Minute	1	10	57.50	10.00	3.16	10	51.52	8.62	2.73	10	56.18	9.31	2.94	3	55.07	3.14	1.81
	2	10	20.77	6.23	1.97	10	26.15	8.45	2.67	10	20.81	7.21	2.28	3	22.58	3.09	1.79
	3	10	9.88	3.82	1.21	10	10.50	1.76	0.56	10	9.92	1.97	0.62	3	10.10	0.34	0.20
	4	10	5.57	1.79	0.57	10	5.89	2.67	0.84	10	6.14	2.76	0.87	3	5.87	0.29	0.16
	5	10	6.28	3.31	1.05	10	5.95	2.81	0.89	10	6.95	2.19	0.69	3	6.39	0.51	0.29
600-Minute	1	10	61.49	8.88	2.81	10	53.04	11.25	3.56	10	50.20	6.75	2.14	3	54.91	5.87	3.39
	2	10	20.07	5.17	1.63	10	24.51	10.41	3.29	10	22.86	4.99	1.58	3	22.48	2.24	1.29
	3	10	7.40	1.90	0.60	10	10.16	2.80	0.88	10	10.90	3.81	1.21	3	9.49	1.84	1.07
	4	10	5.51	2.93	0.93	10	6.20	1.63	0.52	10	7.30	3.05	0.96	3	6.34	0.90	0.52
	5	10	5.53	2.12	0.67	10	6.10	2.47	0.78	10	8.74	3.10	0.98	3	6.79	1.71	0.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	27.71	7.26	2.29	10	24.18	9.55	3.02	10	30.75	12.00	3.79	3	27.54	3.29	1.90
	2	10	17.70	5.84	1.85	10	15.84	7.62	2.41	10	15.38	9.21	2.91	3	16.31	1.23	0.71
	3	10	22.27	5.64	1.78	10	18.53	5.95	1.88	10	15.85	5.06	1.60	3	18.88	3.22	1.86
	4	10	17.72	5.63	1.78	10	18.80	6.72	2.12	10	18.72	7.24	2.29	3	18.41	0.60	0.35
	5	10	14.48	5.44	1.72	10	22.66	11.92	3.77	10	19.30	9.53	3.01	3	18.81	4.11	2.37
30-Minute	1	10	46.75	10.96	3.47	10	28.63	10.30	3.26	10	41.78	7.99	2.53	3	39.05	9.37	5.41
	2	10	18.49	6.28	1.98	10	21.57	13.11	4.15	10	23.21	8.59	2.72	3	21.09	2.40	1.39
	3	10	13.24	3.45	1.09	10	14.57	5.35	1.69	10	11.47	4.38	1.38	3	13.10	1.55	0.90
	4	10	10.13	6.92	2.19	10	18.62	6.03	1.91	10	10.83	6.85	2.16	3	13.19	4.71	2.72
	5	10	11.39	6.71	2.12	10	19.60	6.96	2.20	10	12.70	6.27	1.98	3	14.56	4.41	2.55
90-Minute	1	10	46.09	11.39	3.60	10	58.08	14.08	4.45	10	52.27	17.61	5.57	3	52.15	6.00	3.46
	2	10	22.68	6.55	2.07	10	20.58	7.38	2.33	10	19.92	6.99	2.21	3	21.06	1.44	0.83
	3	10	13.65	4.29	1.36	10	9.30	3.98	1.26	10	10.32	5.32	1.68	3	11.09	2.28	1.31
	4	10	9.03	2.88	0.91	10	5.44	2.58	0.81	10	6.55	3.28	1.04	3	7.00	1.84	1.06
	5	10	8.55	3.98	1.26	10	6.60	4.49	1.42	10	10.95	11.97	3.79	3	8.70	2.18	1.26
300-Minute	1	10	51.77	12.97	4.10	10	55.18	12.40	3.92	10	57.86	15.12	4.78	3	54.94	3.05	1.76
	2	10	21.49	3.60	1.14	10	24.38	6.78	2.14	10	17.85	7.77	2.46	3	21.24	3.27	1.89
	3	10	10.54	3.15	0.99	10	9.84	3.45	1.09	10	10.24	5.37	1.70	3	10.21	0.35	0.20
	4	10	6.72	3.65	1.15	10	5.25	2.77	0.88	10	6.69	3.58	1.13	3	6.22	0.84	0.48
	5	10	9.48	10.58	3.35	10	5.34	2.14	0.68	10	7.36	4.00	1.26	3	7.39	2.07	1.20
600-Minute	1	10	54.02	12.46	3.94	10	49.38	14.46	4.57	10	36.59	8.73	2.76	3	46.66	9.02	5.21
	2	10	20.43	10.33	3.27	10	20.71	7.12	2.25	10	23.95	9.96	3.15	3	21.70	1.96	1.13
	3	10	10.50	3.82	1.21	10	12.31	4.00	1.27	10	13.55	5.72	1.81	3	12.12	1.53	0.88
	4	10	7.53	3.56	1.12	10	7.71	6.06	1.92	10	11.50	4.62	1.46	3	8.91	2.24	1.30
	5	10	7.52	4.01	1.27	10	9.90	9.01	2.85	10	14.40	8.08	2.56	3	10.61	3.49	2.02

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	37.73	11.14	3.52	10	33.77	16.09	5.09	10	43.80	8.98	2.84	3	38.43	5.05	2.92
	2	10	20.36	5.51	1.74	10	17.24	6.22	1.97	10	19.80	6.30	1.99	3	19.13	1.66	0.96
	3	10	16.69	5.02	1.59	10	20.98	8.92	2.82	10	15.87	5.75	1.82	3	17.85	2.75	1.58
	4	10	14.20	5.94	1.88	10	12.55	5.34	1.69	10	10.63	3.22	1.02	3	12.46	1.78	1.03
	5	10	10.79	4.75	1.50	10	15.44	12.11	3.83	10	9.90	5.51	1.74	3	12.04	2.98	1.72
30-Minute	1	10	47.83	14.58	4.61	10	40.07	7.75	2.45	10	50.52	16.68	5.27	3	46.14	5.43	3.13
	2	10	19.58	8.58	2.71	10	25.35	13.01	4.11	10	20.19	9.00	2.85	3	21.71	3.17	1.83
	3	10	10.97	4.98	1.57	10	12.18	2.82	0.89	10	10.36	8.17	2.58	3	11.17	0.92	0.53
	4	10	8.42	3.60	1.14	10	9.81	4.13	1.31	10	10.07	5.16	1.63	3	9.43	0.88	0.51
	5	10	13.20	5.91	1.87	10	15.08	4.51	1.43	10	8.86	5.61	1.77	3	12.38	3.19	1.84
90-Minute	1	10	45.75	11.99	3.79	10	53.67	14.88	4.70	10	57.35	9.32	2.95	3	52.26	5.92	3.42
	2	10	20.28	5.70	1.80	10	20.01	8.60	2.72	10	20.33	6.62	2.09	3	20.20	0.17	0.10
	3	10	12.59	5.01	1.58	10	10.39	4.09	1.29	10	9.92	4.64	1.47	3	10.97	1.42	0.82
	4	10	8.80	4.15	1.31	10	7.51	3.00	0.95	10	6.17	1.91	0.60	3	7.49	1.32	0.76
	5	10	12.59	4.31	1.36	10	8.42	3.14	0.99	10	6.24	3.11	0.98	3	9.08	3.23	1.86
300-Minute	1	10	43.02	10.47	3.31	10	46.92	11.75	3.72	10	47.09	17.72	5.60	3	45.68	2.30	1.33
	2	10	22.14	8.55	2.70	10	24.00	6.06	1.92	10	18.93	7.88	2.49	3	21.69	2.57	1.48
	3	10	11.39	4.24	1.34	10	11.34	3.38	1.07	10	13.71	9.03	2.86	3	12.15	1.35	0.78
	4	10	8.23	3.01	0.95	10	7.44	3.49	1.10	10	7.48	3.39	1.07	3	7.72	0.45	0.26
	5	10	15.21	8.75	2.77	10	10.29	3.08	0.97	10	12.80	5.96	1.89	3	12.77	2.46	1.42
600-Minute	1	10	50.66	15.82	5.00	10	47.29	12.86	4.07	10	50.29	14.09	4.46	3	49.42	1.85	1.07
	2	10	17.76	8.78	2.78	10	19.55	7.46	2.36	10	17.82	8.90	2.81	3	18.38	1.01	0.58
	3	10	8.66	2.51	0.79	10	10.33	2.59	0.82	10	8.57	3.10	0.98	3	9.19	1.00	0.57
	4	10	7.80	3.98	1.26	10	7.63	2.50	0.79	10	6.49	2.99	0.95	3	7.30	0.71	0.41
	5	10	15.12	7.14	2.26	10	15.20	7.31	2.31	10	16.83	7.80	2.47	3	15.72	0.96	0.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	164.14	67.26	21.27	10	150.05	44.48	14.07	10	203.01	57.74	18.26	3	172.40	27.43	15.84
	2	10	93.43	43.16	13.65	10	87.67	31.00	9.80	10	137.71	79.38	25.10	3	106.27	27.38	15.81
	3	10	78.30	38.77	12.26	10	75.62	29.91	9.46	10	88.76	40.99	12.96	3	80.89	6.94	4.01
	4	10	45.77	9.37	2.96	10	38.92	8.44	2.67	10	41.94	20.18	6.38	3	42.21	3.43	1.98
	5	10	68.91	24.30	7.69	10	52.52	13.36	4.23	10	65.29	14.23	4.50	3	62.24	8.61	4.97
	6	10	45.90	15.06	4.76	10	40.15	21.94	6.94	10	30.37	10.17	3.22	3	38.81	7.86	4.54
	7	10	98.82	40.11	12.68	10	70.31	12.61	3.99	10	72.97	12.58	3.98	3	80.70	15.75	9.09
	8	10	1.62	1.45	0.46	10	0.44	0.50	0.16	10	0.61	0.43	0.14	3	0.89	0.64	0.37
	9	10	450.56	101.76	32.18	10	404.79	63.22	19.99	10	536.71	106.38	33.64	3	464.02	66.98	38.67
30-Minute	1	10	228.96	78.84	24.93	10	228.30	105.68	33.42	10	182.32	68.14	21.55	3	213.20	26.74	15.44
	2	10	129.60	38.61	12.21	10	103.08	44.90	14.20	10	104.25	20.82	6.58	3	112.31	14.98	8.65
	3	10	78.13	20.36	6.44	10	53.98	33.80	10.69	10	58.14	39.43	12.47	3	63.42	12.91	7.46
	4	10	43.09	14.27	4.51	10	36.65	17.69	5.59	10	32.63	12.75	4.03	3	37.46	5.28	3.05
	5	10	56.45	21.22	6.71	10	41.25	13.26	4.19	10	37.05	12.66	4.00	3	44.91	10.20	5.89
	6	10	86.71	174.09	55.05	10	19.36	7.91	2.50	10	16.22	4.63	1.46	3	40.76	39.82	22.99
	7	10	64.27	35.66	11.28	10	45.01	10.69	3.38	10	36.01	10.96	3.47	3	48.43	14.44	8.33
	8	10	0.67	0.80	0.25	10	0.22	0.42	0.13	10	0.28	0.33	0.10	3	0.39	0.25	0.14
	9	10	536.24	107.07	33.86	10	463.26	108.24	34.23	10	414.38	103.93	32.86	3	471.29	61.32	35.40
90-Minute	1	10	141.64	81.07	25.64	10	225.06	73.77	23.33	10	135.98	47.01	14.87	3	167.56	49.88	28.80
	2	10	93.27	37.69	11.92	10	121.49	75.80	23.97	10	139.17	67.87	21.46	3	117.98	23.15	13.37
	3	10	77.08	30.85	9.76	10	79.91	32.15	10.17	10	76.10	27.72	8.77	3	77.70	1.98	1.14
	4	10	35.99	11.00	3.48	10	31.15	11.73	3.71	10	32.01	11.10	3.51	3	33.05	2.58	1.49
	5	10	39.90	16.24	5.14	10	29.03	10.68	3.38	10	29.73	10.05	3.18	3	32.89	6.08	3.51
	6	10	22.46	14.57	4.61	10	21.18	12.57	3.97	10	15.28	8.89	2.81	3	19.64	3.83	2.21
	7	10	52.87	26.37	8.34	10	43.57	23.03	7.28	10	38.08	18.95	5.99	3	44.84	7.47	4.32
	8	10	0.60	0.66	0.21	10	0.30	0.42	0.13	10	0.45	0.77	0.24	3	0.45	0.15	0.09
	9	10	387.88	86.37	27.31	10	486.64	161.08	50.94	10	413.00	101.53	32.11	3	429.17	51.33	29.64
300-Minute	1	10	142.57	96.15	30.40	10	130.26	50.05	15.83	10	135.57	54.28	17.17	3	136.13	6.17	3.56
	2	10	73.35	43.46	13.74	10	79.23	34.15	10.80	10	94.71	44.51	14.08	3	82.43	11.04	6.37
	3	10	40.28	17.56	5.55	10	69.55	43.99	13.91	10	61.28	46.31	14.64	3	57.04	15.09	8.71
	4	10	33.68	7.83	2.47	10	40.56	14.88	4.71	10	37.76	12.11	3.83	3	37.33	3.46	2.00
	5	10	74.94	23.71	7.50	10	77.56	26.65	8.43	10	56.78	17.47	5.52	3	69.76	11.32	6.53
	6	10	45.17	12.83	4.06	10	49.32	26.89	8.50	10	32.15	16.02	5.06	3	42.21	8.96	5.17
	7	10	104.74	24.97	7.90	10	135.16	39.37	12.45	10	78.29	33.33	10.54	3	106.06	28.46	16.43
	8	10	1.41	0.54	0.17	10	2.21	0.65	0.20	10	0.90	0.94	0.30	3	1.50	0.66	0.38
	9	10	357.07	90.79	28.71	10	397.16	79.15	25.03	10	386.10	121.91	38.55	3	380.11	20.70	11.95

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	170.51	117.37	37.11	10	138.90	60.48	19.13	10	120.32	82.98	26.24	3	143.24	25.37	14.65
	2	10	107.88	55.08	17.42	10	112.42	66.78	21.12	10	71.03	24.44	7.73	3	97.11	22.70	13.11
	3	10	87.43	36.43	11.52	10	62.69	34.31	10.85	10	50.90	21.24	6.72	3	67.01	18.64	10.76
	4	10	48.05	13.13	4.15	10	32.54	14.00	4.43	10	45.97	14.68	4.64	3	42.19	8.42	4.86
	5	10	52.63	23.20	7.34	10	44.04	14.76	4.67	10	58.08	20.84	6.59	3	51.59	7.08	4.09
	6	10	33.31	5.64	1.78	10	24.98	10.11	3.20	10	31.83	14.12	4.47	3	30.04	4.44	2.57
	7	10	59.74	19.81	6.27	10	38.09	8.50	2.69	10	80.15	40.25	12.73	3	59.33	21.04	12.15
	8	10	0.55	0.49	0.15	10	0.07	0.16	0.05	10	0.92	0.60	0.19	3	0.51	0.42	0.24
	9	10	466.50	166.58	52.68	10	390.59	114.54	36.22	10	345.96	87.35	27.62	3	401.02	60.94	35.19

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	218.13	74.49	23.55	10	201.25	65.06	20.58	10	225.42	116.04	36.70	3	214.93	12.40	7.16
	2	10	108.02	62.94	19.90	10	116.30	42.18	13.34	10	140.35	86.14	27.24	3	121.55	16.79	9.70
	3	10	89.99	26.98	8.53	10	99.44	33.06	10.45	10	116.38	54.25	17.16	3	101.94	13.37	7.72
	4	10	48.06	14.52	4.59	10	55.16	24.82	7.85	10	41.40	13.79	4.36	3	48.21	6.88	3.97
	5	10	68.75	26.57	8.40	10	103.75	25.16	7.96	10	76.42	23.61	7.47	3	82.98	18.40	10.62
	6	10	45.67	18.05	5.71	10	63.03	32.76	10.36	10	41.41	17.27	5.46	3	50.04	11.45	6.61
	7	10	68.25	39.54	12.50	10	119.41	17.35	5.49	10	77.90	22.42	7.09	3	88.52	27.18	15.69
	8	10	0.43	0.44	0.14	10	1.57	0.81	0.26	10	0.74	0.51	0.16	3	0.92	0.59	0.34
	9	10	532.95	120.17	38.00	10	575.89	111.70	35.32	10	599.98	127.54	40.33	3	569.60	33.96	19.60
30-Minute	1	10	255.36	106.20	33.58	10	344.86	124.80	39.47	10	252.80	74.24	23.48	3	284.34	52.43	30.27
	2	10	172.12	40.06	12.67	10	125.70	42.44	13.42	10	143.79	44.09	13.94	3	147.20	23.40	13.51
	3	10	107.13	44.57	14.09	10	67.46	42.64	13.48	10	99.97	47.89	15.14	3	91.52	21.14	12.21
	4	10	76.77	30.11	9.52	10	59.99	19.05	6.02	10	55.11	15.86	5.02	3	63.96	11.36	6.56
	5	10	109.96	50.76	16.05	10	81.62	19.49	6.16	10	70.30	22.43	7.09	3	87.29	20.43	11.79
	6	10	109.32	188.07	59.47	10	31.99	11.75	3.72	10	31.86	12.62	3.99	3	57.72	44.68	25.80
	7	10	121.92	33.21	10.50	10	90.89	19.99	6.32	10	83.33	17.47	5.53	3	98.71	20.45	11.81
	8	10	0.97	0.63	0.20	10	1.07	0.82	0.26	10	0.88	0.30	0.10	3	0.98	0.10	0.06
	9	10	721.35	123.72	39.12	10	679.63	122.19	38.64	10	621.96	121.01	38.27	3	674.31	49.90	28.81
90-Minute	1	10	153.02	60.93	19.27	10	252.86	71.00	22.45	10	208.48	62.82	19.87	3	204.79	50.02	28.88
	2	10	142.35	73.40	23.21	10	150.59	72.03	22.78	10	167.98	78.63	24.87	3	153.64	13.08	7.55
	3	10	99.37	27.41	8.67	10	109.37	44.78	14.16	10	103.38	41.04	12.98	3	104.04	5.03	2.91
	4	10	73.57	21.15	6.69	10	57.05	18.49	5.85	10	63.85	19.93	6.30	3	64.82	8.31	4.80
	5	10	93.15	28.83	9.12	10	89.58	29.84	9.44	10	55.40	18.38	5.81	3	79.37	20.84	12.03
	6	10	46.27	25.98	8.21	10	37.84	20.97	6.63	10	31.41	12.89	4.07	3	38.51	7.45	4.30
	7	10	144.85	41.77	13.21	10	120.03	33.46	10.58	10	94.86	42.40	13.41	3	119.91	24.99	14.43
	8	10	1.10	0.73	0.23	10	1.44	1.00	0.32	10	0.75	0.59	0.19	3	1.10	0.35	0.20
	9	10	561.46	107.19	33.90	10	659.44	145.19	45.91	10	599.09	135.52	42.86	3	606.66	49.43	28.54
300-Minute	1	10	225.82	150.08	47.46	10	210.49	59.46	18.80	10	237.50	71.33	22.56	3	224.61	13.55	7.82
	2	10	121.06	61.32	19.39	10	121.09	64.92	20.53	10	122.88	61.33	19.40	3	121.68	1.04	0.60
	3	10	55.44	25.89	8.19	10	83.09	47.36	14.98	10	81.94	40.57	12.83	3	73.49	15.64	9.03
	4	10	53.58	11.69	3.70	10	79.36	48.47	15.33	10	88.08	40.79	12.90	3	73.67	17.94	10.36
	5	10	99.04	40.63	12.85	10	144.85	53.48	16.91	10	147.57	41.33	13.07	3	130.48	27.27	15.74
	6	10	50.62	22.28	7.05	10	84.49	31.08	9.83	10	64.05	20.19	6.38	3	66.39	17.06	9.85
	7	10	143.51	58.04	18.35	10	211.29	47.45	15.00	10	198.05	46.70	14.77	3	184.28	35.93	20.74
	8	10	1.47	0.92	0.29	10	2.00	0.77	0.24	10	2.90	1.18	0.37	3	2.12	0.72	0.42
	9	10	538.90	189.46	59.91	10	638.88	165.19	52.24	10	677.97	142.79	45.15	3	618.59	71.72	41.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	233.79	188.54	59.62	10	170.98	70.10	22.17	10	185.39	113.83	36.00	3	196.72	32.90	19.00
	2	10	147.49	64.82	20.50	10	147.63	66.59	21.06	10	104.74	40.67	12.86	3	133.29	24.72	14.27
	3	10	131.73	57.50	18.18	10	95.48	36.33	11.49	10	74.58	28.23	8.93	3	100.60	28.91	16.69
	4	10	72.55	7.14	2.26	10	66.82	29.86	9.44	10	57.32	15.48	4.89	3	65.56	7.69	4.44
	5	10	123.37	32.58	10.30	10	92.61	28.26	8.94	10	112.84	47.88	15.14	3	109.61	15.63	9.03
	6	10	70.35	20.88	6.60	10	50.99	21.76	6.88	10	74.39	52.68	16.66	3	65.24	12.51	7.22
	7	10	149.88	20.42	6.46	10	117.80	9.23	2.92	10	179.44	67.13	21.23	3	149.04	30.83	17.80
	8	10	1.73	0.98	0.31	10	1.45	0.68	0.21	10	2.22	1.40	0.44	3	1.80	0.39	0.23
	9	10	708.92	222.10	70.23	10	573.52	174.57	55.20	10	534.54	134.50	42.53	3	605.66	91.53	52.84

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	63.64	20.93	6.62	10	73.63	25.22	7.97	10	99.56	70.63	22.33	3	78.94	18.54	10.70
	2	10	35.62	11.78	3.72	10	44.29	22.39	7.08	10	61.24	33.77	10.68	3	47.05	13.03	7.52
	3	10	30.82	13.08	4.14	10	51.88	26.46	8.37	10	56.83	20.92	6.61	3	46.51	13.81	7.97
	4	10	25.19	7.82	2.47	10	24.65	6.73	2.13	10	18.72	8.17	2.58	3	22.85	3.59	2.07
	5	10	14.40	4.10	1.30	10	22.31	3.81	1.21	10	17.03	5.32	1.68	3	17.91	4.03	2.33
	6	10	6.94	3.08	0.97	10	7.60	2.76	0.87	10	7.93	3.83	1.21	3	7.49	0.50	0.29
	7	10	12.35	2.68	0.85	10	18.78	3.02	0.96	10	13.31	3.09	0.98	3	14.81	3.47	2.01
	8	10	0.10	0.14	0.04	10	0.16	0.17	0.05	10	0.04	0.09	0.03	3	0.10	0.06	0.04
	9	10	169.67	38.16	12.07	10	216.77	47.49	15.02	10	253.37	91.89	29.06	3	213.27	41.96	24.23
30-Minute	1	10	91.10	37.06	11.72	10	76.23	50.92	16.10	10	112.42	65.05	20.57	3	93.25	18.19	10.50
	2	10	64.45	24.79	7.84	10	49.31	26.44	8.36	10	61.29	49.77	15.74	3	58.35	7.98	4.61
	3	10	39.97	10.39	3.28	10	23.47	10.07	3.18	10	35.55	16.93	5.36	3	33.00	8.54	4.93
	4	10	31.29	10.96	3.47	10	26.01	11.29	3.57	10	23.30	12.28	3.88	3	26.87	4.06	2.34
	5	10	19.74	3.87	1.22	10	16.91	6.06	1.92	10	14.16	4.08	1.29	3	16.94	2.79	1.61
	6	10	40.69	110.68	35.00	10	5.16	1.65	0.52	10	5.77	2.53	0.80	3	17.21	20.34	11.74
	7	10	15.84	5.05	1.60	10	14.00	3.83	1.21	10	12.90	4.14	1.31	3	14.25	1.49	0.86
	8	10	0.06	0.13	0.04	10	0.08	0.14	0.04	10	0.04	0.08	0.03	3	0.06	0.02	0.01
	9	10	246.55	43.76	13.84	10	191.93	73.91	23.37	10	246.72	120.90	38.23	3	228.40	31.58	18.23
90-Minute	1	10	81.21	69.33	21.92	10	123.64	70.27	22.22	10	85.75	55.85	17.66	3	96.87	23.30	13.45
	2	10	45.11	17.32	5.48	10	56.06	40.10	12.68	10	48.65	21.97	6.95	3	49.94	5.59	3.23
	3	10	27.21	11.70	3.70	10	27.37	11.68	3.69	10	32.70	13.27	4.20	3	29.10	3.13	1.80
	4	10	26.65	9.89	3.13	10	18.74	12.54	3.96	10	19.72	10.85	3.43	3	21.70	4.31	2.49
	5	10	20.96	5.46	1.73	10	16.86	5.80	1.83	10	14.69	4.12	1.30	3	17.51	3.18	1.84
	6	10	13.90	3.10	0.98	10	13.69	4.16	1.32	10	13.37	3.56	1.12	3	13.65	0.27	0.15
	7	10	18.74	4.21	1.33	10	19.39	4.51	1.43	10	16.60	5.23	1.65	3	18.24	1.46	0.84
	8	10	0.07	0.07	0.02	10	0.17	0.20	0.06	10	0.13	0.19	0.06	3	0.12	0.05	0.03
	9	10	201.14	89.45	28.29	10	242.67	113.83	36.00	10	201.52	79.20	25.05	3	215.11	23.87	13.78
300-Minute	1	10	35.65	19.01	6.01	10	60.99	23.44	7.41	10	76.50	41.76	13.21	3	57.71	20.62	11.90
	2	10	23.43	11.68	3.69	10	35.36	14.81	4.68	10	35.61	28.46	9.00	3	31.46	6.96	4.02
	3	10	17.67	5.76	1.82	10	24.95	10.82	3.42	10	31.68	13.54	4.28	3	24.77	7.01	4.05
	4	10	21.80	10.97	3.47	10	31.03	16.23	5.13	10	22.92	12.04	3.81	3	25.25	5.04	2.91
	5	10	19.77	11.57	3.66	10	34.82	11.60	3.67	10	27.67	13.53	4.28	3	27.42	7.53	4.35
	6	10	11.47	3.88	1.23	10	18.37	8.02	2.53	10	17.65	3.68	1.16	3	15.83	3.80	2.19
	7	10	16.81	8.25	2.61	10	37.43	22.02	6.96	10	26.90	4.98	1.57	3	27.05	10.31	5.95
	8	10	0.10	0.12	0.04	10	0.63	0.59	0.19	10	0.28	0.16	0.05	3	0.34	0.27	0.15
	9	10	114.29	42.48	13.43	10	187.14	46.14	14.59	10	194.38	68.49	21.66	3	165.27	44.30	25.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	56.91	28.73	9.08	10	64.46	27.66	8.75	10	74.82	34.43	10.89	3	65.39	8.99	5.19
	2	10	39.72	12.99	4.11	10	36.17	14.16	4.48	10	42.50	13.71	4.34	3	39.46	3.18	1.83
	3	10	51.23	21.55	6.81	10	29.48	11.17	3.53	10	36.60	15.53	4.91	3	39.10	11.09	6.40
	4	10	28.17	9.17	2.90	10	22.22	8.40	2.65	10	29.88	13.42	4.24	3	26.76	4.02	2.32
	5	10	24.99	5.01	1.58	10	17.15	4.00	1.27	10	22.79	7.31	2.31	3	21.64	4.04	2.33
	6	10	7.03	2.41	0.76	10	7.75	3.46	1.10	10	8.59	5.25	1.66	3	7.79	0.78	0.45
	7	10	22.68	5.99	1.90	10	19.48	4.19	1.32	10	27.06	14.08	4.45	3	23.07	3.80	2.20
	8	10	0.13	0.18	0.06	10	0.20	0.17	0.06	10	0.35	0.40	0.13	3	0.23	0.11	0.06
	9	10	201.02	45.65	14.43	10	169.48	41.29	13.06	10	205.04	46.28	14.63	3	191.85	19.47	11.24

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	42.43	16.56	5.24	10	45.05	16.38	5.18	10	87.70	57.29	18.12	3	58.39	25.41	14.67
	2	10	31.79	12.71	4.02	10	33.41	11.63	3.68	10	47.41	18.61	5.89	3	37.54	8.59	4.96
	3	10	31.90	17.75	5.61	10	42.10	17.59	5.56	10	36.55	13.02	4.12	3	36.85	5.11	2.95
	4	10	36.07	21.23	6.71	10	28.88	11.29	3.57	10	24.73	7.82	2.47	3	29.89	5.74	3.31
	5	10	26.08	11.57	3.66	10	27.97	8.71	2.76	10	22.38	9.31	2.95	3	25.48	2.85	1.64
	6	10	18.25	21.37	6.76	10	16.19	7.90	2.50	10	13.62	5.32	1.68	3	16.02	2.32	1.34
	7	10	60.81	66.55	21.05	10	47.09	14.79	4.68	10	28.64	9.70	3.07	3	45.51	16.14	9.32
	8	10	1.60	3.80	1.20	10	0.57	0.32	0.10	10	0.22	0.30	0.10	3	0.80	0.72	0.41
	9	10	168.27	43.33	13.70	10	177.41	32.46	10.26	10	218.76	58.93	18.64	3	188.15	26.90	15.53
30-Minute	1	10	83.10	44.71	14.14	10	79.37	68.74	21.74	10	91.70	43.25	13.68	3	84.72	6.32	3.65
	2	10	55.43	24.32	7.69	10	33.62	22.28	7.05	10	46.49	26.31	8.32	3	45.18	10.97	6.33
	3	10	38.75	19.71	6.23	10	21.40	9.92	3.14	10	34.08	12.32	3.90	3	31.41	8.98	5.18
	4	10	33.98	15.56	4.92	10	22.41	13.38	4.23	10	20.91	13.18	4.17	3	25.77	7.15	4.13
	5	10	33.96	29.95	9.47	10	21.01	6.41	2.03	10	19.88	7.10	2.25	3	24.95	7.82	4.52
	6	10	48.79	83.46	26.39	10	12.18	4.46	1.41	10	10.46	4.72	1.49	3	23.81	21.65	12.50
	7	10	52.77	45.59	14.42	10	28.33	11.56	3.66	10	18.30	9.49	3.00	3	33.13	17.73	10.24
	8	10	0.48	0.70	0.22	10	0.37	0.34	0.11	10	0.16	0.30	0.10	3	0.34	0.16	0.09
	9	10	245.22	76.57	24.21	10	177.82	86.77	27.44	10	213.05	80.35	25.41	3	212.03	33.71	19.46
90-Minute	1	10	73.24	27.87	8.81	10	61.92	37.44	11.84	10	68.16	41.28	13.06	3	67.78	5.67	3.27
	2	10	41.24	13.17	4.17	10	36.59	14.40	4.55	10	46.41	22.03	6.97	3	41.41	4.91	2.84
	3	10	28.96	8.29	2.62	10	22.38	7.53	2.38	10	25.62	8.57	2.71	3	25.65	3.29	1.90
	4	10	23.43	12.82	4.05	10	14.55	8.88	2.81	10	17.48	10.51	3.32	3	18.48	4.52	2.61
	5	10	25.34	17.89	5.66	10	19.53	13.41	4.24	10	15.68	7.36	2.33	3	20.18	4.86	2.81
	6	10	15.38	11.68	3.69	10	13.68	11.76	3.72	10	9.23	5.16	1.63	3	12.76	3.18	1.83
	7	10	40.21	34.27	10.84	10	33.46	37.16	11.75	10	25.63	23.06	7.29	3	33.10	7.30	4.21
	8	10	0.46	0.76	0.24	10	0.26	0.34	0.11	10	0.19	0.31	0.10	3	0.30	0.14	0.08
	9	10	192.20	48.58	15.36	10	154.97	34.58	10.93	10	173.34	47.24	14.94	3	173.50	18.61	10.75
300-Minute	1	10	32.24	13.30	4.21	10	42.21	22.03	6.97	10	57.26	23.49	7.43	3	43.90	12.59	7.27
	2	10	31.69	19.68	6.22	10	34.68	14.64	4.63	10	32.64	20.81	6.58	3	33.01	1.52	0.88
	3	10	21.68	7.44	2.35	10	34.70	14.42	4.56	10	31.37	12.23	3.87	3	29.25	6.76	3.90
	4	10	41.41	11.30	3.57	10	39.66	9.39	2.97	10	36.49	15.62	4.94	3	39.18	2.49	1.44
	5	10	95.17	37.37	11.82	10	113.69	46.34	14.65	10	59.88	31.19	9.86	3	89.58	27.34	15.78
	6	10	59.33	21.60	6.83	10	75.72	55.78	17.64	10	42.14	18.16	5.74	3	59.07	16.79	9.70
	7	10	146.92	28.75	9.09	10	209.78	76.56	24.21	10	118.73	56.16	17.76	3	158.47	46.61	26.91
	8	10	1.89	1.09	0.34	10	3.01	1.63	0.52	10	1.42	1.03	0.32	3	2.11	0.81	0.47
	9	10	216.08	42.27	13.37	10	264.94	45.34	14.34	10	217.64	37.97	12.01	3	232.89	27.77	16.03

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	53.68	20.84	6.59	10	53.22	16.71	5.28	10	50.38	16.76	5.30	3	52.43	1.79	1.03
	2	10	42.71	9.26	2.93	10	33.93	7.10	2.24	10	28.45	12.11	3.83	3	35.03	7.20	4.15
	3	10	36.15	12.13	3.84	10	22.57	7.08	2.24	10	35.44	9.75	3.08	3	31.39	7.65	4.41
	4	10	29.82	10.93	3.46	10	15.25	5.69	1.80	10	38.87	18.25	5.77	3	27.98	11.92	6.88
	5	10	48.34	27.63	8.74	10	18.22	9.94	3.14	10	65.64	41.94	13.26	3	44.07	24.00	13.85
	6	10	20.34	13.84	4.38	10	11.32	5.04	1.59	10	46.67	33.56	10.61	3	26.11	18.37	10.61
	7	10	61.73	42.44	13.42	10	17.07	6.14	1.94	10	116.60	70.60	22.33	3	65.13	49.85	28.78
	8	10	0.88	0.63	0.20	10	0.13	0.15	0.05	10	1.68	1.38	0.44	3	0.90	0.77	0.45
	9	10	210.71	41.81	13.22	10	143.19	27.25	8.62	10	216.77	57.94	18.32	3	190.22	40.85	23.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.70	0.59	0.19	10	2.40	0.81	0.26	9	2.33	0.56	0.19	3	2.48	0.20	0.11
	2	9	5.94	0.77	0.26	9	5.94	0.85	0.28	9	5.83	0.35	0.12	3	5.91	0.06	0.04
	3	10	10.40	1.24	0.39	10	10.45	1.26	0.40	10	10.45	1.50	0.47	3	10.43	0.03	0.02
	4	10	16.55	0.83	0.26	10	15.60	1.47	0.46	10	15.95	1.26	0.40	3	16.03	0.48	0.28
	5	10	22.15	1.81	0.57	10	21.30	1.44	0.45	10	21.05	1.86	0.59	3	21.50	0.58	0.33
	9	10	2.70	0.59	0.19	10	2.60	0.94	0.30	10	3.80	2.38	0.75	3	3.03	0.67	0.38
30-Minute	1	8	2.44	0.82	0.29	10	2.35	0.71	0.22	10	2.10	0.66	0.21	3	2.30	0.18	0.10
	2	10	6.05	1.01	0.32	10	5.75	1.01	0.32	9	5.83	0.75	0.25	3	5.88	0.15	0.09
	3	10	10.75	1.21	0.38	10	10.70	1.25	0.40	10	10.25	1.16	0.37	3	10.57	0.28	0.16
	4	10	15.40	1.05	0.33	10	15.70	1.18	0.37	10	15.35	1.43	0.45	3	15.48	0.19	0.11
	5	10	20.55	0.80	0.25	10	20.80	1.55	0.49	10	20.90	0.94	0.30	3	20.75	0.18	0.10
	9	10	3.25	1.36	0.43	10	2.65	0.91	0.29	10	2.40	1.39	0.44	3	2.77	0.44	0.25
90-Minute	1	9	2.39	0.82	0.27	10	2.60	0.61	0.19	10	2.70	0.82	0.26	3	2.56	0.16	0.09
	2	9	5.61	1.08	0.36	10	6.20	0.95	0.30	10	5.75	1.01	0.32	3	5.85	0.31	0.18
	3	10	10.55	1.17	0.37	10	10.10	1.45	0.46	10	10.30	0.71	0.23	3	10.32	0.23	0.13
	4	10	16.00	1.31	0.41	10	16.00	0.94	0.30	10	15.80	1.23	0.39	3	15.93	0.12	0.07
	5	10	20.75	1.65	0.52	10	20.10	1.68	0.53	10	19.80	1.81	0.57	3	20.22	0.49	0.28
	9	10	2.95	1.23	0.39	10	3.10	1.17	0.37	10	2.85	1.08	0.34	3	2.97	0.13	0.07
300-Minute	1	10	2.30	0.59	0.19	9	2.50	0.50	0.17	10	2.20	0.67	0.21	3	2.33	0.15	0.09
	2	10	5.10	1.10	0.35	10	5.80	0.89	0.28	9	5.61	1.08	0.36	3	5.50	0.36	0.21
	3	9	10.50	1.25	0.42	10	10.65	1.13	0.36	10	10.15	1.29	0.41	3	10.43	0.26	0.15
	4	10	15.25	1.42	0.45	10	15.30	1.11	0.35	10	16.15	1.67	0.53	3	15.57	0.51	0.29
	5	10	19.80	1.18	0.37	10	20.45	1.28	0.40	10	20.10	0.97	0.31	3	20.12	0.33	0.19
	9	10	2.65	1.18	0.37	10	5.35	6.05	1.91	10	2.20	0.67	0.21	3	3.40	1.70	0.98
600-Minute	1	10	2.35	0.78	0.25	8	2.06	0.90	0.32	10	2.10	0.57	0.18	3	2.17	0.16	0.09
	2	10	6.15	0.67	0.21	10	5.70	0.67	0.21	10	5.50	1.08	0.34	3	5.78	0.33	0.19
	3	10	10.10	1.07	0.34	10	10.15	1.23	0.39	10	10.25	1.40	0.44	3	10.17	0.08	0.04
	4	10	16.50	1.00	0.32	10	16.40	1.05	0.33	10	15.70	1.40	0.44	3	16.20	0.44	0.25
	5	10	20.80	1.48	0.47	10	20.50	1.18	0.37	10	21.55	1.89	0.60	3	20.95	0.54	0.31
	9	10	3.70	2.64	0.83	10	4.20	3.40	1.08	10	4.05	5.98	1.89	3	3.98	0.26	0.15

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.44	0.77	0.26	10	2.05	0.64	0.20	9	1.94	0.53	0.18	3	2.15	0.26	0.15
	2	8	6.06	0.78	0.27	10	5.55	1.19	0.38	9	5.61	0.82	0.27	3	5.74	0.28	0.16
	3	10	10.15	1.20	0.38	10	9.80	1.48	0.47	9	10.17	1.41	0.47	3	10.04	0.21	0.12
	4	10	15.20	1.44	0.45	10	15.30	1.36	0.43	10	15.30	1.23	0.39	3	15.27	0.06	0.03
	5	10	22.60	1.63	0.52	10	20.55	1.34	0.42	10	22.65	1.78	0.56	3	21.93	1.20	0.69
	9	10	3.85	2.63	0.83	10	2.30	0.86	0.27	10	2.80	1.42	0.45	3	2.98	0.79	0.46
30-Minute	1	10	2.30	0.79	0.25	10	2.35	0.67	0.21	10	2.15	0.67	0.21	3	2.27	0.10	0.06
	2	10	5.90	0.66	0.21	10	5.60	0.84	0.27	9	5.44	0.68	0.23	3	5.65	0.23	0.13
	3	10	10.65	0.88	0.28	10	10.00	1.05	0.33	10	10.55	1.38	0.44	3	10.40	0.35	0.20
	4	10	16.13	0.92	0.29	9	15.17	0.79	0.26	10	15.55	1.12	0.35	3	15.61	0.48	0.28
	5	10	21.70	1.48	0.47	10	21.05	1.86	0.59	10	21.40	1.88	0.60	3	21.38	0.33	0.19
	9	10	3.25	2.55	0.81	10	2.65	0.88	0.28	10	2.40	1.13	0.36	3	2.77	0.44	0.25
90-Minute	1	10	2.35	0.63	0.20	10	2.15	0.67	0.21	9	2.56	0.63	0.21	3	2.35	0.20	0.12
	2	10	5.55	1.19	0.38	10	5.75	0.95	0.30	10	6.05	1.04	0.33	3	5.78	0.25	0.15
	3	8	9.75	1.28	0.45	10	10.45	1.30	0.41	10	9.80	1.01	0.32	3	10.00	0.39	0.23
	4	10	16.00	1.13	0.36	10	15.25	1.32	0.42	10	15.65	1.00	0.32	3	15.63	0.38	0.22
	5	10	19.55	0.83	0.26	10	20.30	1.42	0.45	10	21.00	2.40	0.76	3	20.28	0.73	0.42
	9	10	3.35	1.97	0.62	10	2.15	0.67	0.21	10	3.85	1.92	0.61	3	3.12	0.87	0.50
300-Minute	1	10	2.40	0.74	0.23	9	2.17	0.50	0.17	10	2.45	0.72	0.23	3	2.34	0.15	0.09
	2	10	5.85	0.88	0.28	9	6.11	1.02	0.34	10	5.70	0.89	0.28	3	5.89	0.21	0.12
	3	10	10.05	1.48	0.47	10	10.25	0.75	0.24	10	9.75	0.98	0.31	3	10.02	0.25	0.15
	4	10	15.50	0.97	0.31	10	15.50	1.37	0.43	10	15.00	1.41	0.45	3	15.33	0.29	0.17
	5	10	21.35	1.63	0.52	10	20.85	1.93	0.61	10	20.55	1.74	0.55	3	20.92	0.40	0.23
	9	10	4.50	6.39	2.02	10	5.20	6.56	2.08	10	3.30	2.15	0.68	3	4.33	0.96	0.55
600-Minute	1	9	1.94	0.53	0.18	10	2.40	0.88	0.28	8	2.44	0.68	0.24	3	2.26	0.27	0.16
	2	10	5.90	0.91	0.29	9	6.00	0.90	0.30	10	5.65	0.94	0.30	3	5.85	0.18	0.10
	3	10	9.85	1.06	0.33	9	9.89	1.14	0.38	10	9.70	1.32	0.42	3	9.81	0.10	0.06
	4	10	15.30	1.40	0.44	10	16.05	1.07	0.34	10	15.70	1.16	0.37	3	15.68	0.38	0.22
	5	10	21.20	1.46	0.46	10	20.55	1.80	0.57	10	20.85	1.99	0.63	3	20.87	0.33	0.19
	9	10	3.60	3.23	1.02	10	3.10	1.76	0.56	10	7.70	7.60	2.40	3	4.80	2.52	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	7	2.29	0.86	0.32	8	2.56	0.68	0.24	9	2.22	0.79	0.26	3	2.36	0.18	0.10
	2	9	5.89	0.89	0.30	10	5.80	0.86	0.27	9	5.50	1.12	0.37	3	5.73	0.20	0.12
	3	10	10.50	0.91	0.29	10	10.60	1.13	0.36	10	10.50	1.29	0.41	3	10.53	0.06	0.03
	4	10	15.45	1.14	0.36	10	15.55	1.44	0.46	10	15.30	1.48	0.47	3	15.43	0.13	0.07
	5	10	20.70	1.77	0.56	10	21.00	1.62	0.51	10	20.98	1.34	0.42	3	20.89	0.17	0.10
	9	10	9.45	6.18	1.95	10	6.85	4.12	1.30	10	4.00	1.76	0.56	3	6.77	2.73	1.57
30-Minute	1	9	2.44	0.77	0.26	8	2.00	0.71	0.25	7	1.93	0.53	0.20	3	2.12	0.28	0.16
	2	9	5.44	0.98	0.33	10	6.05	0.98	0.31	9	5.89	0.96	0.32	3	5.79	0.31	0.18
	3	10	10.25	1.25	0.40	10	10.60	1.22	0.39	10	9.50	0.67	0.21	3	10.12	0.56	0.32
	4	10	15.40	1.17	0.37	10	16.10	1.26	0.40	10	14.90	1.43	0.45	3	15.47	0.60	0.35
	5	10	21.03	1.58	0.50	10	21.45	1.67	0.53	10	20.80	2.02	0.64	3	21.09	0.33	0.19
	9	10	4.55	4.47	1.42	10	4.10	4.43	1.40	10	2.80	1.62	0.51	3	3.82	0.91	0.52
90-Minute	1	9	2.44	0.58	0.19	9	2.44	0.58	0.19	10	2.45	0.72	0.23	3	2.45	0.00	0.00
	2	10	5.95	1.07	0.34	10	6.40	0.88	0.28	10	6.15	0.58	0.18	3	6.17	0.23	0.13
	3	10	10.35	1.56	0.49	10	10.05	1.14	0.36	10	9.40	0.99	0.31	3	9.93	0.49	0.28
	4	10	15.50	1.15	0.37	10	15.45	1.48	0.47	10	14.85	1.25	0.39	3	15.27	0.36	0.21
	5	9	21.22	2.24	0.75	10	20.90	2.16	0.68	10	22.35	1.58	0.50	3	21.49	0.76	0.44
	9	10	4.70	3.98	1.26	10	5.30	6.96	2.20	10	4.80	3.75	1.19	3	4.93	0.32	0.19
300-Minute	1	8	1.69	0.53	0.19	8	2.44	0.78	0.27	8	2.50	0.71	0.25	3	2.21	0.45	0.26
	2	10	5.25	1.53	0.48	10	6.10	0.94	0.30	9	5.61	0.78	0.26	3	5.65	0.43	0.25
	3	10	10.75	1.14	0.36	10	9.75	1.25	0.40	10	10.20	1.03	0.33	3	10.23	0.50	0.29
	4	10	16.20	1.34	0.42	10	15.35	1.16	0.37	10	15.65	1.20	0.38	3	15.73	0.43	0.25
	5	10	22.15	1.78	0.56	10	21.90	2.08	0.66	10	20.95	1.86	0.59	3	21.67	0.63	0.37
	9	10	17.85	8.24	2.61	10	14.35	9.80	3.10	10	8.35	7.99	2.53	3	13.52	4.80	2.77
600-Minute	1	8	2.56	0.82	0.29	6	2.33	0.52	0.21	9	2.44	0.63	0.21	3	2.45	0.11	0.07
	2	10	5.85	0.85	0.27	9	6.28	1.15	0.38	10	5.95	0.72	0.23	3	6.03	0.22	0.13
	3	10	10.90	1.15	0.36	10	10.10	0.94	0.30	10	10.60	1.49	0.47	3	10.53	0.40	0.23
	4	10	15.30	1.34	0.42	10	15.05	1.07	0.34	10	15.90	1.22	0.39	3	15.42	0.44	0.25
	5	10	20.05	1.59	0.50	10	22.45	1.40	0.44	10	20.30	1.40	0.44	3	20.93	1.32	0.76
	9	10	7.95	7.42	2.35	10	4.60	3.05	0.97	10	12.10	8.51	2.69	3	8.22	3.76	2.17

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.55	0.76	0.24	10	2.55	0.64	0.20	10	2.25	0.63	0.20	3	2.45	0.17	0.10
	2	10	5.75	1.09	0.34	10	6.65	0.88	0.28	8	5.75	1.28	0.45	3	6.05	0.52	0.30
	3	10	11.30	0.48	0.15	10	10.75	0.92	0.29	10	10.45	1.36	0.43	3	10.83	0.43	0.25
	4	10	14.75	1.16	0.37	10	15.15	1.13	0.36	10	15.35	1.47	0.47	3	15.08	0.31	0.18
	5	10	21.70	1.86	0.59	10	21.05	1.71	0.54	10	21.40	1.79	0.57	3	21.38	0.33	0.19
	9	10	2.55	0.76	0.24	10	3.85	2.83	0.89	10	3.65	3.29	1.04	3	3.35	0.70	0.40
30-Minute	1	10	2.65	0.82	0.26	10	2.05	0.60	0.19	10	2.10	0.70	0.22	3	2.27	0.33	0.19
	2	9	6.17	0.90	0.30	10	5.80	1.01	0.32	10	6.30	0.86	0.27	3	6.09	0.26	0.15
	3	10	10.95	1.04	0.33	10	10.35	1.68	0.53	9	10.89	1.17	0.39	3	10.73	0.33	0.19
	4	10	14.90	0.99	0.31	10	15.65	0.82	0.26	10	15.30	1.25	0.40	3	15.28	0.38	0.22
	5	10	20.65	1.49	0.47	10	21.70	1.70	0.54	10	20.95	1.48	0.47	3	21.10	0.54	0.31
	9	10	3.70	2.06	0.65	10	2.55	1.50	0.47	10	2.45	1.55	0.49	3	2.90	0.69	0.40
90-Minute	1	10	1.95	0.44	0.14	8	2.06	0.73	0.26	10	2.65	0.78	0.25	3	2.22	0.38	0.22
	2	10	6.35	1.00	0.32	10	5.70	1.01	0.32	8	6.00	1.07	0.38	3	6.02	0.33	0.19
	3	9	10.94	1.01	0.34	9	9.56	0.92	0.31	10	10.50	1.37	0.43	3	10.33	0.71	0.41
	4	10	15.90	1.22	0.39	9	16.00	0.71	0.24	10	15.70	1.65	0.52	3	15.87	0.15	0.09
	5	10	22.05	2.07	0.66	10	19.80	1.42	0.45	10	21.35	1.75	0.55	3	21.07	1.15	0.66
	9	10	3.00	1.96	0.62	10	3.80	4.47	1.41	10	4.25	3.86	1.22	3	3.68	0.63	0.37
300-Minute	1	10	2.35	0.67	0.21	10	2.35	0.63	0.20	10	2.50	0.67	0.21	3	2.40	0.09	0.05
	2	9	5.89	1.34	0.45	10	6.05	0.76	0.24	9	6.28	1.09	0.36	3	6.07	0.20	0.11
	3	10	10.90	1.22	0.39	10	10.45	1.34	0.42	9	9.61	0.96	0.32	3	10.32	0.65	0.38
	4	10	15.30	1.32	0.42	10	15.55	1.12	0.35	10	15.90	1.35	0.43	3	15.58	0.30	0.17
	5	10	20.35	1.70	0.54	10	20.72	1.84	0.58	10	20.10	1.15	0.36	3	20.39	0.31	0.18
	9	10	3.70	3.93	1.24	10	3.85	4.84	1.53	10	3.15	2.47	0.78	3	3.57	0.37	0.21
600-Minute	1	9	2.17	0.50	0.17	10	2.45	0.28	0.09	9	2.22	0.57	0.19	3	2.28	0.15	0.09
	2	10	6.10	0.94	0.30	10	6.30	0.75	0.24	9	6.39	0.86	0.29	3	6.26	0.15	0.09
	3	10	10.30	1.51	0.48	10	9.85	0.97	0.31	9	10.83	1.39	0.46	3	10.33	0.49	0.28
	4	10	15.00	1.35	0.43	10	15.85	1.29	0.41	10	15.15	1.25	0.39	3	15.33	0.45	0.26
	5	10	19.60	1.05	0.33	10	21.55	1.17	0.37	10	21.10	1.98	0.63	3	20.75	1.02	0.59
	9	10	5.60	5.04	1.59	10	3.05	1.40	0.44	10	3.45	2.13	0.67	3	4.03	1.37	0.79

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.38	0.27	0.09	10	2.30	0.27	0.08	10	2.25	0.27	0.09	3	2.31	0.06	0.04
	2	10	5.39	0.32	0.10	10	5.48	0.28	0.09	10	5.50	0.23	0.07	3	5.46	0.06	0.03
	3	10	10.06	0.38	0.12	10	10.15	0.42	0.13	10	10.03	0.33	0.10	3	10.08	0.06	0.04
	4	10	15.12	0.35	0.11	10	15.33	0.33	0.10	10	14.85	0.54	0.17	3	15.10	0.24	0.14
	5	10	21.58	0.36	0.11	10	21.21	0.49	0.16	10	21.15	0.49	0.15	3	21.32	0.23	0.13
	9	10	8.02	1.43	0.45	10	9.02	0.96	0.30	10	7.95	1.23	0.39	3	8.33	0.60	0.35
30-Minute	1	10	2.28	0.35	0.11	10	2.23	0.28	0.09	10	2.06	0.27	0.08	3	2.19	0.11	0.07
	2	10	5.39	0.39	0.12	10	5.53	0.41	0.13	10	5.60	0.23	0.07	3	5.51	0.11	0.06
	3	10	10.10	0.54	0.17	10	9.97	0.60	0.19	10	9.90	0.48	0.15	3	9.99	0.10	0.06
	4	10	15.20	0.30	0.09	10	15.22	0.63	0.20	10	15.23	0.43	0.14	3	15.22	0.02	0.01
	5	10	20.85	0.23	0.07	10	21.10	0.37	0.12	10	20.90	0.44	0.14	3	20.95	0.13	0.07
	9	10	8.47	0.93	0.29	10	7.07	0.97	0.31	10	7.45	0.60	0.19	3	7.66	0.72	0.41
90-Minute	1	10	2.35	0.32	0.10	10	2.26	0.26	0.08	10	2.36	0.38	0.12	3	2.32	0.05	0.03
	2	10	5.41	0.33	0.10	10	5.69	0.33	0.10	10	5.59	0.29	0.09	3	5.57	0.14	0.08
	3	10	10.00	0.47	0.15	10	9.86	0.33	0.11	10	9.95	0.57	0.18	3	9.93	0.07	0.04
	4	10	15.43	0.32	0.10	10	15.67	0.34	0.11	10	15.46	0.44	0.14	3	15.52	0.13	0.08
	5	10	20.75	0.42	0.13	10	20.60	0.42	0.13	10	20.52	0.41	0.13	3	20.62	0.12	0.07
	9	10	9.35	1.21	0.38	10	8.00	0.91	0.29	10	7.68	1.10	0.35	3	8.34	0.89	0.51
300-Minute	1	10	2.21	0.23	0.07	10	2.17	0.20	0.06	10	2.23	0.25	0.08	3	2.20	0.03	0.02
	2	10	5.34	0.78	0.25	10	5.50	0.20	0.06	10	5.39	0.30	0.09	3	5.41	0.08	0.05
	3	10	10.12	0.49	0.15	10	10.20	0.28	0.09	10	10.08	0.60	0.19	3	10.13	0.06	0.03
	4	10	15.33	0.50	0.16	10	15.37	0.58	0.18	10	15.82	0.36	0.11	3	15.51	0.27	0.16
	5	10	20.73	0.49	0.16	10	20.88	0.71	0.22	10	20.52	0.24	0.08	3	20.71	0.18	0.10
	9	10	8.61	1.57	0.50	10	9.76	1.34	0.42	10	9.57	1.03	0.32	3	9.31	0.62	0.36
600-Minute	1	10	2.18	0.15	0.05	10	2.06	0.26	0.08	10	2.15	0.26	0.08	3	2.13	0.06	0.04
	2	10	5.67	0.33	0.10	10	5.57	0.23	0.07	10	5.55	0.33	0.10	3	5.60	0.07	0.04
	3	10	10.24	0.48	0.15	10	9.84	0.39	0.12	10	9.88	0.62	0.20	3	9.99	0.22	0.13
	4	10	15.49	0.70	0.22	10	15.56	0.41	0.13	10	15.35	0.55	0.17	3	15.46	0.11	0.06
	5	10	20.90	0.44	0.14	10	20.93	0.45	0.14	10	21.24	0.57	0.18	3	21.02	0.19	0.11
	9	10	9.44	1.82	0.57	10	9.00	1.20	0.38	10	9.61	2.00	0.63	3	9.35	0.32	0.18

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.34	0.32	0.10	10	2.30	0.33	0.10	10	2.20	0.19	0.06	3	2.28	0.07	0.04
	2	10	5.42	0.34	0.11	10	5.43	0.20	0.06	10	5.38	0.26	0.08	3	5.41	0.03	0.02
	3	10	9.85	0.34	0.11	10	10.03	0.39	0.12	10	9.88	0.29	0.09	3	9.92	0.10	0.06
	4	10	14.95	0.47	0.15	10	15.29	0.44	0.14	10	14.87	0.56	0.18	3	15.04	0.22	0.13
	5	10	21.33	0.64	0.20	10	20.89	0.33	0.10	10	21.51	0.41	0.13	3	21.24	0.32	0.18
	9	10	8.59	1.43	0.45	10	8.15	0.77	0.24	10	7.70	0.74	0.23	3	8.15	0.44	0.26
30-Minute	1	10	2.30	0.31	0.10	10	2.27	0.20	0.06	10	2.08	0.29	0.09	3	2.22	0.12	0.07
	2	10	5.28	0.31	0.10	10	5.45	0.32	0.10	10	5.44	0.24	0.07	3	5.39	0.09	0.05
	3	10	10.10	0.27	0.09	10	9.96	0.51	0.16	10	10.09	0.34	0.11	3	10.05	0.08	0.04
	4	10	15.27	0.31	0.10	10	15.08	0.49	0.15	10	15.19	0.50	0.16	3	15.18	0.09	0.05
	5	10	21.04	0.45	0.14	10	20.95	0.56	0.18	10	21.02	0.35	0.11	3	21.00	0.05	0.03
	9	10	7.27	1.11	0.35	10	6.64	1.21	0.38	10	6.85	0.73	0.23	3	6.92	0.32	0.18
90-Minute	1	10	2.30	0.17	0.05	10	2.17	0.32	0.10	10	2.31	0.28	0.09	3	2.26	0.08	0.05
	2	10	5.46	0.24	0.08	10	5.68	0.24	0.08	10	5.73	0.43	0.13	3	5.63	0.15	0.08
	3	10	9.89	0.48	0.15	10	9.81	0.42	0.13	10	9.85	0.41	0.13	3	9.85	0.04	0.02
	4	10	14.93	0.34	0.11	10	15.30	0.40	0.13	10	15.28	0.30	0.09	3	15.17	0.21	0.12
	5	10	20.84	0.32	0.10	10	20.91	0.33	0.10	10	20.75	0.59	0.19	3	20.84	0.08	0.05
	9	10	7.82	1.46	0.46	10	6.35	0.81	0.26	10	7.25	0.87	0.28	3	7.14	0.74	0.43
300-Minute	1	10	2.23	0.21	0.07	10	2.23	0.23	0.07	10	2.21	0.24	0.08	3	2.22	0.01	0.01
	2	10	5.47	0.75	0.24	10	5.57	0.40	0.13	10	5.48	0.30	0.09	3	5.51	0.05	0.03
	3	10	10.07	0.43	0.14	10	10.13	0.42	0.13	10	9.87	0.44	0.14	3	10.02	0.13	0.08
	4	10	15.20	0.30	0.10	10	15.34	0.66	0.21	10	15.20	0.52	0.17	3	15.25	0.08	0.05
	5	10	21.29	0.47	0.15	10	21.31	0.59	0.19	10	20.71	0.60	0.19	3	21.10	0.34	0.20
	9	10	9.31	2.24	0.71	10	9.45	1.41	0.45	10	8.37	1.04	0.33	3	9.04	0.59	0.34
600-Minute	1	10	2.10	0.15	0.05	10	2.02	0.26	0.08	10	2.09	0.26	0.08	3	2.07	0.04	0.02
	2	10	5.61	0.32	0.10	10	5.57	0.24	0.08	10	5.68	0.34	0.11	3	5.62	0.06	0.03
	3	10	10.12	0.46	0.15	10	9.84	0.43	0.14	10	9.98	0.32	0.10	3	9.98	0.14	0.08
	4	10	15.17	0.61	0.19	10	15.23	0.40	0.13	10	15.42	0.52	0.16	3	15.27	0.13	0.08
	5	10	20.98	0.51	0.16	10	20.96	0.38	0.12	10	20.85	0.80	0.25	3	20.93	0.07	0.04
	9	10	8.14	1.27	0.40	10	7.65	1.48	0.47	10	9.25	2.35	0.74	3	8.35	0.82	0.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.13	0.24	0.08	10	2.22	0.28	0.09	10	2.07	0.31	0.10	3	2.14	0.08	0.04
	2	10	5.57	0.39	0.12	10	5.63	0.35	0.11	10	5.52	0.40	0.13	3	5.57	0.05	0.03
	3	10	10.34	0.50	0.16	10	10.10	0.35	0.11	10	10.06	0.38	0.12	3	10.17	0.15	0.09
	4	10	14.97	0.46	0.15	10	15.20	0.42	0.13	10	15.15	0.40	0.13	3	15.11	0.12	0.07
	5	10	20.98	0.57	0.18	10	20.86	0.47	0.15	10	21.18	0.40	0.13	3	21.00	0.16	0.09
	9	10	9.89	1.52	0.48	10	9.70	1.58	0.50	10	7.74	1.65	0.52	3	9.11	1.19	0.69
30-Minute	1	10	1.99	0.27	0.08	10	2.05	0.31	0.10	10	1.99	0.24	0.08	3	2.01	0.03	0.02
	2	10	5.52	0.24	0.08	10	5.64	0.50	0.16	10	5.65	0.30	0.09	3	5.60	0.07	0.04
	3	10	10.17	0.39	0.12	10	10.13	0.43	0.14	10	9.82	0.41	0.13	3	10.04	0.19	0.11
	4	10	15.16	0.48	0.15	10	15.47	0.36	0.11	10	15.14	0.60	0.19	3	15.26	0.19	0.11
	5	10	21.36	0.40	0.13	10	21.05	0.42	0.13	10	20.96	0.46	0.14	3	21.12	0.21	0.12
	9	10	8.66	2.25	0.71	10	8.51	2.65	0.84	10	7.35	1.56	0.49	3	8.17	0.71	0.41
90-Minute	1	10	2.10	0.30	0.09	10	2.16	0.32	0.10	10	2.08	0.29	0.09	3	2.11	0.04	0.02
	2	10	5.64	0.25	0.08	10	5.60	0.29	0.09	10	5.75	0.26	0.08	3	5.66	0.08	0.05
	3	10	10.02	0.34	0.11	10	9.94	0.54	0.17	10	9.76	0.39	0.12	3	9.91	0.14	0.08
	4	10	15.08	0.33	0.10	10	15.39	0.51	0.16	10	15.00	0.39	0.12	3	15.15	0.21	0.12
	5	10	21.47	0.42	0.13	10	21.05	0.46	0.15	10	21.23	0.64	0.20	3	21.25	0.21	0.12
	9	10	8.12	1.88	0.59	10	7.99	2.74	0.87	10	7.56	2.20	0.70	3	7.89	0.30	0.17
300-Minute	1	10	1.95	0.27	0.09	10	2.24	0.30	0.10	10	2.06	0.30	0.10	3	2.08	0.15	0.09
	2	10	5.30	0.97	0.31	10	5.62	0.25	0.08	10	5.68	0.39	0.12	3	5.54	0.20	0.12
	3	10	10.26	0.30	0.10	10	10.06	0.39	0.12	10	10.13	0.37	0.12	3	10.15	0.10	0.06
	4	10	15.56	0.31	0.10	10	15.41	0.40	0.13	10	15.49	0.45	0.14	3	15.49	0.08	0.04
	5	10	21.35	0.49	0.15	10	21.36	0.62	0.20	10	21.22	0.40	0.13	3	21.31	0.08	0.04
	9	10	14.25	1.63	0.51	10	13.82	2.40	0.76	10	11.23	2.32	0.74	3	13.10	1.64	0.94
600-Minute	1	10	2.04	0.26	0.08	10	2.08	0.27	0.08	10	1.97	0.39	0.12	3	2.03	0.05	0.03
	2	10	5.76	0.38	0.12	10	5.61	0.46	0.15	10	5.77	0.30	0.10	3	5.71	0.09	0.05
	3	10	10.17	0.45	0.14	10	9.98	0.32	0.10	10	10.25	0.30	0.10	3	10.13	0.14	0.08
	4	10	15.31	0.26	0.08	10	15.10	0.34	0.11	10	15.30	0.37	0.12	3	15.24	0.12	0.07
	5	10	20.78	0.41	0.13	10	21.35	0.58	0.18	10	21.10	0.79	0.25	3	21.08	0.28	0.16
	9	10	10.20	1.88	0.59	10	7.99	1.37	0.43	10	11.79	2.69	0.85	3	9.99	1.91	1.10

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.38	0.33	0.10	10	2.37	0.22	0.07	10	2.23	0.27	0.09	3	2.33	0.09	0.05
	2	10	5.49	0.30	0.09	10	5.59	0.31	0.10	10	5.51	0.41	0.13	3	5.53	0.05	0.03
	3	10	10.54	0.30	0.09	10	10.29	0.30	0.10	10	10.00	0.46	0.14	3	10.28	0.27	0.15
	4	10	14.88	0.20	0.06	10	14.89	0.35	0.11	10	14.99	0.59	0.19	3	14.92	0.06	0.03
	5	10	21.25	0.36	0.12	10	21.14	0.54	0.17	10	20.94	0.48	0.15	3	21.11	0.16	0.09
	9	10	8.00	0.68	0.22	10	8.33	1.00	0.32	10	7.24	1.24	0.39	3	7.86	0.56	0.32
30-Minute	1	10	2.21	0.33	0.10	10	2.22	0.27	0.08	10	2.14	0.20	0.06	3	2.19	0.04	0.02
	2	10	5.70	0.31	0.10	10	5.62	0.35	0.11	10	5.69	0.28	0.09	3	5.67	0.04	0.03
	3	10	10.29	0.33	0.10	10	9.91	0.39	0.12	10	10.08	0.47	0.15	3	10.09	0.19	0.11
	4	10	15.01	0.43	0.14	10	15.08	0.46	0.15	10	14.97	0.53	0.17	3	15.02	0.06	0.03
	5	10	20.85	0.54	0.17	10	20.70	0.53	0.17	10	20.77	0.52	0.16	3	20.77	0.07	0.04
	9	10	7.62	1.09	0.34	10	7.79	1.55	0.49	10	6.83	1.66	0.52	3	7.41	0.52	0.30
90-Minute	1	10	2.11	0.20	0.06	10	2.11	0.21	0.07	10	2.20	0.23	0.07	3	2.14	0.05	0.03
	2	10	5.88	0.45	0.14	10	5.57	0.25	0.08	10	5.66	0.37	0.12	3	5.70	0.16	0.09
	3	10	10.10	0.58	0.18	10	9.94	0.58	0.18	10	9.96	0.23	0.07	3	10.00	0.09	0.05
	4	10	15.32	0.45	0.14	10	15.43	0.38	0.12	10	15.09	0.44	0.14	3	15.28	0.17	0.10
	5	10	21.01	0.51	0.16	10	20.49	0.52	0.16	10	20.71	0.53	0.17	3	20.74	0.26	0.15
	9	10	8.24	1.48	0.47	10	6.40	0.99	0.31	10	7.30	1.72	0.54	3	7.31	0.92	0.53
300-Minute	1	10	2.30	0.30	0.09	10	2.27	0.26	0.08	10	2.23	0.22	0.07	3	2.27	0.03	0.02
	2	10	5.46	0.85	0.27	10	5.59	0.38	0.12	10	5.59	0.38	0.12	3	5.55	0.07	0.04
	3	10	10.33	0.32	0.10	10	10.29	0.30	0.09	10	9.94	0.39	0.12	3	10.19	0.22	0.12
	4	10	15.09	0.41	0.13	10	15.24	0.36	0.12	10	15.36	0.54	0.17	3	15.23	0.13	0.08
	5	10	20.66	0.42	0.13	10	21.00	0.53	0.17	10	20.57	0.51	0.16	3	20.74	0.23	0.13
	9	10	9.71	0.98	0.31	10	9.72	1.58	0.50	10	8.77	2.00	0.63	3	9.40	0.54	0.31
600-Minute	1	10	2.11	0.27	0.08	10	2.20	0.18	0.06	10	2.14	0.38	0.12	3	2.15	0.05	0.03
	2	10	5.69	0.52	0.17	10	5.81	0.42	0.13	10	5.65	0.45	0.14	3	5.71	0.08	0.05
	3	10	10.17	0.50	0.16	10	9.86	0.31	0.10	10	10.05	0.52	0.16	3	10.03	0.16	0.09
	4	10	14.99	0.50	0.16	10	15.23	0.43	0.14	10	15.00	0.44	0.14	3	15.07	0.13	0.08
	5	10	20.48	0.25	0.08	10	21.03	0.42	0.13	10	21.04	0.67	0.21	3	20.85	0.32	0.18
	9	10	9.10	1.46	0.46	10	8.07	1.32	0.42	10	8.43	1.17	0.37	3	8.53	0.52	0.30

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	40.76	9.90	3.13	10	34.60	6.76	2.14	10	36.99	13.09	4.14	3	37.45	3.11	1.79
	2	10	19.69	8.51	2.69	10	20.19	5.80	1.84	10	23.37	11.10	3.51	3	21.08	2.00	1.15
	3	10	16.99	4.50	1.42	10	17.25	4.00	1.27	10	18.96	7.13	2.26	3	17.73	1.07	0.62
	4	10	9.29	2.94	0.93	10	9.56	4.15	1.31	10	7.16	2.73	0.86	3	8.67	1.31	0.76
	5	10	13.26	5.17	1.63	10	18.40	5.05	1.60	10	13.52	5.60	1.77	3	15.06	2.90	1.67
30-Minute	1	10	34.44	8.76	2.77	10	49.98	11.86	3.75	10	39.96	7.13	2.25	3	41.46	7.87	4.55
	2	10	24.48	6.77	2.14	10	18.69	5.82	1.84	10	23.86	8.73	2.76	3	22.34	3.18	1.84
	3	10	15.01	5.66	1.79	10	10.05	6.44	2.04	10	16.14	7.09	2.24	3	13.73	3.24	1.87
	4	10	10.78	4.32	1.36	10	9.12	3.49	1.10	10	8.72	1.80	0.57	3	9.54	1.09	0.63
	5	10	15.28	6.61	2.09	10	12.18	2.81	0.89	10	11.32	2.75	0.87	3	12.93	2.09	1.20
90-Minute	1	10	27.11	8.47	2.68	10	38.40	9.16	2.90	10	35.12	9.09	2.88	3	33.54	5.81	3.35
	2	10	24.39	8.66	2.74	10	22.37	7.55	2.39	10	26.99	7.83	2.48	3	24.58	2.31	1.34
	3	10	17.81	5.06	1.60	10	16.48	4.73	1.50	10	17.41	6.26	1.98	3	17.23	0.68	0.39
	4	10	13.34	4.07	1.29	10	8.85	2.95	0.93	10	10.97	3.81	1.20	3	11.05	2.25	1.30
	5	10	17.35	6.58	2.08	10	13.89	4.65	1.47	10	9.51	3.07	0.97	3	13.59	3.93	2.27
300-Minute	1	10	39.21	13.28	4.20	10	33.65	8.90	2.81	10	35.12	6.81	2.15	3	35.99	2.88	1.67
	2	10	24.22	14.62	4.62	10	18.15	5.72	1.81	10	17.54	6.46	2.04	3	19.97	3.70	2.13
	3	10	11.02	4.96	1.57	10	12.96	5.98	1.89	10	11.93	4.62	1.46	3	11.97	0.97	0.56
	4	10	10.46	2.20	0.69	10	11.89	5.89	1.86	10	13.21	5.67	1.79	3	11.85	1.37	0.79
	5	10	18.82	6.53	2.07	10	23.34	9.51	3.01	10	22.21	6.25	1.98	3	21.46	2.35	1.36
600-Minute	1	10	30.61	12.28	3.88	10	29.52	7.51	2.37	10	32.94	10.25	3.24	3	31.02	1.75	1.01
	2	10	20.46	5.63	1.78	10	25.28	8.24	2.61	10	19.63	6.86	2.17	3	21.79	3.05	1.76
	3	10	19.08	7.25	2.29	10	16.61	4.25	1.34	10	14.35	5.75	1.82	3	16.68	2.36	1.36
	4	10	10.78	2.15	0.68	10	11.79	4.18	1.32	10	11.28	4.09	1.29	3	11.28	0.51	0.29
	5	10	19.08	7.34	2.32	10	16.80	5.21	1.65	10	21.86	9.81	3.10	3	19.25	2.53	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	35.67	10.45	3.31	10	36.90	9.68	3.06	10	38.13	9.34	2.95	3	36.90	1.23	0.71
	2	10	21.03	8.83	2.79	10	21.52	6.17	1.95	10	24.77	10.35	3.27	3	22.44	2.03	1.17
	3	10	16.65	5.02	1.59	10	18.58	5.76	1.82	10	16.60	7.18	2.27	3	17.27	1.13	0.65
	4	10	10.66	3.51	1.11	10	9.71	2.08	0.66	10	7.89	3.24	1.03	3	9.42	1.41	0.81
	5	10	15.98	7.02	2.22	10	13.28	3.98	1.26	10	12.62	3.81	1.20	3	13.96	1.78	1.03
30-Minute	1	10	41.92	10.00	3.16	10	48.46	14.81	4.68	10	43.16	8.37	2.65	3	44.51	3.48	2.01
	2	10	24.22	5.28	1.67	10	22.34	8.13	2.57	10	26.07	6.17	1.95	3	24.21	1.87	1.08
	3	10	14.99	4.56	1.44	10	11.89	6.57	2.08	10	13.43	5.96	1.88	3	13.44	1.55	0.89
	4	10	8.12	2.62	0.83	10	8.10	4.20	1.33	10	7.89	2.43	0.77	3	8.04	0.13	0.08
	5	10	10.75	4.25	1.34	10	9.21	3.45	1.09	10	9.45	3.92	1.24	3	9.80	0.83	0.48
90-Minute	1	10	35.33	13.73	4.34	10	46.58	7.89	2.50	10	33.34	10.09	3.19	3	38.41	7.14	4.12
	2	10	24.03	7.71	2.44	10	23.79	8.49	2.69	10	32.56	9.74	3.08	3	26.79	5.00	2.88
	3	10	19.97	7.70	2.44	10	16.33	2.87	0.91	10	18.49	4.87	1.54	3	18.27	1.83	1.06
	4	10	9.52	2.78	0.88	10	6.74	2.98	0.94	10	8.24	3.82	1.21	3	8.17	1.39	0.80
	5	10	11.15	6.01	1.90	10	6.56	3.41	1.08	10	7.38	2.72	0.86	3	8.36	2.45	1.41
300-Minute	1	10	37.27	15.98	5.05	10	32.52	10.57	3.34	10	34.87	8.41	2.66	3	34.89	2.38	1.37
	2	10	21.62	15.35	4.86	10	19.78	7.23	2.29	10	23.81	4.76	1.51	3	21.74	2.02	1.16
	3	10	11.49	4.22	1.33	10	17.33	8.70	2.75	10	15.26	7.23	2.29	3	14.69	2.96	1.71
	4	10	9.86	2.75	0.87	10	10.23	3.15	1.00	10	10.51	3.58	1.13	3	10.20	0.33	0.19
	5	10	22.47	10.48	3.32	10	20.14	7.66	2.42	10	15.54	5.13	1.62	3	19.38	3.52	2.04
600-Minute	1	10	35.03	10.69	3.38	10	35.83	12.65	4.00	10	33.08	15.18	4.80	3	34.65	1.42	0.82
	2	10	23.22	9.89	3.13	10	27.63	10.02	3.17	10	20.31	3.89	1.23	3	23.72	3.69	2.13
	3	10	18.92	5.40	1.71	10	16.01	6.82	2.16	10	14.86	5.44	1.72	3	16.60	2.09	1.21
	4	10	10.69	2.41	0.76	10	8.60	3.02	0.96	10	13.95	5.24	1.66	3	11.08	2.70	1.56
	5	10	12.14	6.38	2.02	10	11.92	4.40	1.39	10	17.88	8.13	2.57	3	13.98	3.38	1.95

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	26.56	10.88	3.44	10	26.13	11.66	3.69	10	37.87	16.52	5.22	3	30.19	6.66	3.84
	2	10	18.69	5.14	1.62	10	18.99	6.35	2.01	10	22.61	8.68	2.75	3	20.10	2.18	1.26
	3	10	18.38	8.76	2.77	10	23.05	6.77	2.14	10	17.15	5.87	1.86	3	19.52	3.11	1.80
	4	10	20.68	7.79	2.46	10	16.07	4.87	1.54	10	11.62	3.42	1.08	3	16.12	4.53	2.62
	5	10	15.69	5.52	1.74	10	15.77	4.63	1.46	10	10.76	5.43	1.72	3	14.07	2.87	1.66
30-Minute	1	10	33.14	14.31	4.53	10	39.25	16.59	5.25	10	41.78	9.86	3.12	3	38.06	4.44	2.56
	2	10	22.54	6.20	1.96	10	18.57	6.33	2.00	10	21.08	5.65	1.79	3	20.73	2.01	1.16
	3	10	15.78	6.18	1.95	10	12.39	2.49	0.79	10	16.25	3.46	1.09	3	14.81	2.11	1.22
	4	10	15.12	9.85	3.12	10	15.26	10.24	3.24	10	10.51	6.16	1.95	3	13.63	2.70	1.56
	5	10	13.41	8.13	2.57	10	14.52	7.31	2.31	10	10.38	4.71	1.49	3	12.77	2.15	1.24
90-Minute	1	10	37.32	10.20	3.22	10	37.71	15.47	4.89	10	37.24	14.36	4.54	3	37.42	0.25	0.15
	2	10	22.63	8.85	2.80	10	24.26	9.98	3.15	10	26.67	11.16	3.53	3	24.52	2.03	1.17
	3	10	15.17	2.51	0.79	10	14.70	4.42	1.40	10	15.52	6.22	1.97	3	15.13	0.41	0.24
	4	10	12.30	6.65	2.10	10	9.93	6.77	2.14	10	10.59	6.52	2.06	3	10.94	1.22	0.71
	5	10	12.58	6.29	1.99	10	13.41	10.09	3.19	10	9.99	6.35	2.01	3	11.99	1.78	1.03
300-Minute	1	10	15.39	7.36	2.33	10	16.25	8.92	2.82	10	26.08	9.92	3.14	3	19.24	5.94	3.43
	2	10	15.69	11.86	3.75	10	13.13	4.68	1.48	10	15.36	10.18	3.22	3	14.72	1.39	0.80
	3	10	10.18	3.60	1.14	10	12.87	3.77	1.19	10	14.58	4.97	1.57	3	12.54	2.22	1.28
	4	10	19.23	3.50	1.11	10	15.47	4.64	1.47	10	17.03	7.82	2.47	3	17.24	1.89	1.09
	5	10	43.22	10.64	3.37	10	42.28	14.44	4.57	10	26.96	11.92	3.77	3	37.49	9.13	5.27
600-Minute	1	10	25.55	7.87	2.49	10	36.80	7.81	2.47	10	24.00	8.34	2.64	3	28.79	6.98	4.03
	2	10	21.21	6.54	2.07	10	24.24	5.70	1.80	10	13.40	5.48	1.73	3	19.62	5.59	3.23
	3	10	17.25	4.66	1.47	10	15.86	4.31	1.36	10	17.09	5.84	1.85	3	16.73	0.76	0.44
	4	10	14.04	4.29	1.36	10	10.54	3.10	0.98	10	17.90	8.23	2.60	3	14.16	3.68	2.12
	5	10	21.95	9.50	3.01	10	12.56	6.30	1.99	10	28.40	14.04	4.44	3	20.97	7.96	4.60

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	37.21	7.32	2.31	10	34.45	11.10	3.51	10	37.38	13.97	4.42	3	36.34	1.65	0.95
	2	10	21.07	5.39	1.71	10	19.57	5.44	1.72	10	24.43	9.26	2.93	3	21.69	2.49	1.44
	3	10	18.17	6.43	2.03	10	23.47	9.09	2.87	10	22.67	4.74	1.50	3	21.44	2.86	1.65
	4	10	15.00	3.63	1.15	10	11.83	4.13	1.31	10	7.84	3.32	1.05	3	11.55	3.59	2.07
	5	10	8.55	1.67	0.53	10	10.69	2.64	0.83	10	7.68	3.84	1.21	3	8.97	1.54	0.89
30-Minute	1	10	36.40	11.60	3.67	10	37.46	11.00	3.48	10	43.48	13.76	4.35	3	39.12	3.82	2.20
	2	10	25.88	7.74	2.45	10	24.99	7.27	2.30	10	23.58	8.75	2.77	3	24.81	1.16	0.67
	3	10	16.63	5.06	1.60	10	12.78	5.33	1.69	10	15.42	5.61	1.77	3	14.94	1.97	1.14
	4	10	12.93	4.55	1.44	10	15.19	7.94	2.51	10	10.83	6.33	2.00	3	12.99	2.18	1.26
	5	10	8.16	1.78	0.56	10	9.58	4.10	1.30	10	6.68	2.61	0.83	3	8.14	1.45	0.84
90-Minute	1	10	36.82	11.91	3.77	10	49.09	7.75	2.45	10	39.18	12.97	4.10	3	41.70	6.51	3.76
	2	10	22.78	4.64	1.47	10	22.62	9.49	3.00	10	24.24	5.14	1.62	3	23.21	0.89	0.51
	3	10	13.94	5.26	1.66	10	12.21	4.65	1.47	10	17.33	6.18	1.95	3	14.49	2.60	1.50
	4	10	14.76	5.41	1.71	10	8.03	4.09	1.29	10	11.24	9.02	2.85	3	11.34	3.36	1.94
	5	10	11.70	4.74	1.50	10	8.04	4.23	1.34	10	8.01	3.09	0.98	3	9.25	2.12	1.23
300-Minute	1	10	30.40	10.34	3.27	10	32.65	8.85	2.80	10	37.18	10.71	3.39	3	33.41	3.45	1.99
	2	10	21.40	11.25	3.56	10	18.14	4.86	1.54	10	16.99	7.36	2.33	3	18.84	2.29	1.32
	3	10	16.27	6.02	1.90	10	13.46	4.72	1.49	10	16.80	6.45	2.04	3	15.51	1.79	1.04
	4	10	19.08	6.56	2.07	10	16.21	6.59	2.08	10	12.52	5.92	1.87	3	15.94	3.29	1.90
	5	10	16.79	5.16	1.63	10	19.54	7.08	2.24	10	16.51	10.06	3.18	3	17.61	1.67	0.97
600-Minute	1	10	27.67	10.95	3.46	10	37.09	11.94	3.78	10	35.22	9.99	3.16	3	33.33	4.99	2.88
	2	10	19.38	4.21	1.33	10	21.28	6.03	1.91	10	21.28	7.51	2.38	3	20.65	1.10	0.63
	3	10	25.32	7.56	2.39	10	17.48	4.31	1.36	10	17.61	4.99	1.58	3	20.13	4.49	2.59
	4	10	14.75	6.33	2.00	10	13.53	4.74	1.50	10	14.64	5.90	1.87	3	14.31	0.67	0.39
	5	10	12.88	2.96	0.94	10	10.61	3.39	1.07	10	11.97	5.11	1.62	3	11.82	1.14	0.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	162.80	60.25	19.05	10	133.63	46.19	14.61	10	172.25	68.66	21.71	3	156.23	20.13	11.62
	2	10	107.56	56.16	17.76	10	130.87	68.24	21.58	10	157.14	42.60	13.47	3	131.86	24.81	14.32
	3	10	90.65	30.36	9.60	10	125.46	53.51	16.92	10	133.97	39.75	12.57	3	116.70	22.95	13.25
	4	10	65.64	24.24	7.67	10	86.97	25.00	7.91	10	86.36	25.11	7.94	3	79.66	12.14	7.01
	5	10	174.18	35.17	11.12	10	152.25	42.18	13.34	10	90.29	53.18	16.82	3	138.91	43.50	25.12
	6	10	149.33	61.80	19.54	10	115.76	41.85	13.23	10	38.14	29.72	9.40	3	101.08	57.03	32.93
	7	10	289.82	26.58	8.41	10	186.57	25.10	7.94	10	88.01	37.58	11.88	3	188.13	100.91	58.26
	8	10	2.79	1.33	0.42	10	3.05	0.67	0.21	10	1.52	0.90	0.28	3	2.45	0.82	0.47
	9	10	600.83	115.40	36.49	10	629.18	134.48	42.52	10	640.03	108.96	34.45	3	623.34	20.24	11.69
90-Minute	1	10	70.11	32.98	10.43	10	100.76	40.87	12.92	10	111.53	38.18	12.07	3	94.14	21.49	12.41
	2	10	92.34	23.88	7.55	10	94.36	34.79	11.00	10	116.15	45.74	14.47	3	100.95	13.20	7.62
	3	10	91.51	34.73	10.98	10	105.16	41.95	13.27	10	112.17	46.75	14.78	3	102.95	10.50	6.06
	4	10	93.17	23.70	7.50	10	78.06	19.66	6.22	10	86.28	35.90	11.35	3	85.84	7.56	4.37
	5	10	169.23	30.19	9.55	10	155.01	58.43	18.48	10	220.86	104.11	32.92	3	181.70	34.65	20.01
	6	10	140.75	74.57	23.58	10	94.74	56.97	18.02	10	110.69	32.37	10.23	3	115.39	23.36	13.49
	7	10	277.73	81.62	25.81	10	237.71	64.61	20.43	10	320.71	112.88	35.70	3	278.72	41.51	23.97
	8	10	3.62	2.39	0.76	10	2.67	1.56	0.49	10	3.71	2.18	0.69	3	3.33	0.58	0.33
	9	10	516.36	81.18	25.67	10	533.36	121.71	38.49	10	646.99	187.85	59.40	3	565.57	71.02	41.00
300-Minute	1	10	97.04	34.11	10.79	10	131.34	50.66	16.02	10	92.36	40.76	12.89	3	106.91	21.28	12.29
	2	10	119.42	110.44	34.92	10	161.22	95.43	30.18	10	102.87	40.08	12.67	3	127.83	30.07	17.36
	3	10	114.86	37.43	11.84	10	92.14	27.99	8.85	10	108.27	35.80	11.32	3	105.09	11.69	6.75
	4	10	88.20	25.95	8.21	10	63.97	15.54	4.92	10	75.79	19.95	6.31	3	75.99	12.12	7.00
	5	10	219.49	86.45	27.34	10	146.93	60.19	19.03	10	141.43	62.56	19.78	3	169.29	43.57	25.15
	6	10	123.56	58.47	18.49	10	70.87	34.19	10.81	10	78.55	32.31	10.22	3	90.99	28.46	16.43
	7	10	268.21	87.41	27.64	10	216.49	79.46	25.13	10	195.29	51.34	16.24	3	226.66	37.51	21.66
	8	10	4.10	1.87	0.59	10	2.58	1.49	0.47	10	2.53	1.24	0.39	3	3.07	0.89	0.51
	9	10	639.01	178.40	56.42	10	595.59	94.54	29.90	10	520.72	132.55	41.91	3	585.11	59.84	34.55
600-Minute	1	10	80.82	21.54	6.81	10	83.70	27.46	8.68	10	142.94	63.25	20.00	3	102.48	35.06	20.24
	2	10	100.78	40.97	12.96	10	95.37	36.10	11.42	10	94.46	52.05	16.46	3	96.87	3.42	1.97
	3	10	77.58	41.14	13.01	10	64.41	34.61	10.95	10	110.58	71.82	22.71	3	84.19	23.78	13.73
	4	10	61.61	20.77	6.57	10	52.87	21.03	6.65	10	72.63	27.32	8.64	3	62.37	9.90	5.72
	5	10	115.01	32.98	10.43	10	163.16	71.02	22.46	10	103.21	42.07	13.30	3	127.13	31.76	18.33
	6	10	77.51	29.93	9.47	10	104.52	43.45	13.74	10	48.97	13.97	4.42	3	77.00	27.78	16.04
	7	10	210.42	83.07	26.27	10	186.20	38.85	12.28	10	210.53	100.02	31.63	3	202.38	14.01	8.09
	8	10	2.56	1.32	0.42	10	2.32	1.06	0.33	10	2.37	1.39	0.44	3	2.42	0.13	0.07
	9	10	435.80	85.86	27.15	10	433.45	90.09	28.49	10	523.82	173.25	54.79	3	464.36	51.51	29.74

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	164.18	65.41	20.69	10	130.87	46.24	14.62	10	149.93	52.91	16.73	3	148.33	16.71	9.65
	2	10	115.77	68.10	21.54	10	117.06	48.52	15.34	10	145.66	44.59	14.10	3	126.16	16.90	9.76
	3	10	90.84	34.28	10.84	10	135.30	27.29	8.63	10	128.66	38.16	12.07	3	118.26	23.99	13.85
	4	10	92.96	38.88	12.30	10	94.27	29.53	9.34	10	109.88	42.94	13.58	3	99.04	9.41	5.44
	5	10	156.63	26.68	8.44	10	133.74	33.49	10.59	10	160.05	51.38	16.25	3	150.14	14.30	8.26
	6	10	96.06	31.19	9.86	10	119.99	42.17	13.33	10	63.49	18.29	5.78	3	93.18	28.36	16.38
	7	10	203.67	33.35	10.55	10	172.73	39.56	12.51	10	161.03	27.80	8.79	3	179.14	22.03	12.72
	8	10	2.38	1.29	0.41	10	2.05	0.99	0.31	10	1.44	0.82	0.26	3	1.95	0.47	0.27
	9	10	620.37	112.39	35.54	10	611.24	84.73	26.80	10	694.17	137.77	43.57	3	641.93	45.47	26.25
90-Minute	1	10	95.02	37.85	11.97	10	126.40	66.73	21.10	10	117.44	30.95	9.79	3	112.95	16.16	9.33
	2	10	104.03	33.42	10.57	10	109.96	46.03	14.55	10	107.20	30.26	9.57	3	107.06	2.97	1.71
	3	10	87.23	44.65	14.12	10	104.56	44.73	14.14	10	111.41	50.77	16.05	3	101.07	12.46	7.19
	4	10	114.09	29.83	9.43	10	77.39	18.32	5.79	10	85.42	38.92	12.31	3	92.30	19.29	11.14
	5	10	150.31	36.84	11.65	10	137.89	47.67	15.07	10	183.18	71.09	22.48	3	157.13	23.40	13.51
	6	10	105.68	83.62	26.44	10	67.34	36.90	11.67	10	97.50	57.55	18.20	3	90.17	20.19	11.66
	7	10	237.70	105.49	33.36	10	165.82	38.24	12.09	10	212.41	81.70	25.84	3	205.31	36.46	21.05
	8	10	2.54	1.49	0.47	10	1.86	1.02	0.32	10	1.75	0.54	0.17	3	2.05	0.43	0.25
	9	10	550.68	68.08	21.53	10	556.21	117.60	37.19	10	604.65	124.26	39.30	3	570.51	29.69	17.14
300-Minute	1	10	81.86	32.07	10.14	10	121.77	35.09	11.10	10	88.04	30.13	9.53	3	97.23	21.48	12.40
	2	10	88.50	53.56	16.94	10	168.07	80.68	25.51	10	95.14	22.51	7.12	3	117.24	44.15	25.49
	3	10	104.05	34.83	11.01	10	90.35	34.63	10.95	10	101.12	34.25	10.83	3	98.51	7.21	4.16
	4	10	83.13	22.90	7.24	10	71.53	20.30	6.42	10	80.97	21.46	6.79	3	78.54	6.17	3.56
	5	10	196.22	45.98	14.54	10	107.35	56.44	17.85	10	127.50	26.44	8.36	3	143.69	46.60	26.90
	6	10	112.42	73.51	23.25	10	53.24	27.06	8.56	10	80.15	47.06	14.88	3	81.94	29.63	17.11
	7	10	222.56	74.81	23.66	10	158.78	55.41	17.52	10	210.03	70.11	22.17	3	197.13	33.79	19.51
	8	10	2.43	1.50	0.47	10	1.78	1.06	0.34	10	2.04	0.65	0.21	3	2.08	0.33	0.19
	9	10	553.77	79.80	25.23	10	559.08	58.60	18.53	10	492.78	64.26	20.32	3	535.21	36.84	21.27
600-Minute	1	10	82.40	24.35	7.70	10	100.31	40.08	12.68	10	105.62	38.43	12.15	3	96.11	12.17	7.02
	2	10	94.37	42.95	13.58	10	79.06	37.41	11.83	10	81.41	50.43	15.95	3	84.94	8.24	4.76
	3	10	81.73	38.19	12.08	10	73.36	32.86	10.39	10	85.22	60.75	19.21	3	80.10	6.10	3.52
	4	10	50.94	20.37	6.44	10	63.17	22.94	7.26	10	59.94	18.83	5.96	3	58.02	6.34	3.66
	5	10	62.93	17.65	5.58	10	95.89	98.63	31.19	10	49.94	15.00	4.74	3	69.59	23.69	13.68
	6	10	49.39	30.23	9.56	10	55.16	20.17	6.38	10	25.21	9.71	3.07	3	43.25	15.89	9.18
	7	10	89.28	57.27	18.11	10	85.36	22.68	7.17	10	90.41	57.40	18.15	3	88.35	2.65	1.53
	8	10	0.74	0.67	0.21	10	0.84	0.36	0.11	10	0.82	0.78	0.25	3	0.80	0.05	0.03
	9	10	372.37	71.63	22.65	10	380.30	92.42	29.23	10	382.13	135.15	42.74	3	378.27	5.19	2.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	45.32	24.79	7.84	10	43.07	26.95	8.52	10	27.60	10.06	3.18	3	38.66	9.64	5.57
	2	10	32.26	10.62	3.36	10	42.87	17.23	5.45	10	35.48	12.99	4.11	3	36.87	5.44	3.14
	3	10	35.39	11.32	3.58	10	44.93	16.59	5.25	10	38.46	15.50	4.90	3	39.59	4.87	2.81
	4	10	46.59	16.03	5.07	10	48.55	25.42	8.04	10	47.29	10.78	3.41	3	47.47	0.99	0.57
	5	10	65.43	25.85	8.18	10	63.06	16.62	5.25	10	55.61	15.74	4.98	3	61.37	5.12	2.96
	6	10	42.29	17.37	5.49	10	35.64	13.72	4.34	10	25.62	10.77	3.41	3	34.52	8.39	4.85
	7	10	133.67	46.06	14.57	10	118.58	34.69	10.97	10	86.99	15.06	4.76	3	113.08	23.82	13.75
	8	10	1.97	1.06	0.33	10	1.60	0.76	0.24	10	0.95	0.69	0.22	3	1.51	0.52	0.30
	9	10	225.00	54.80	17.33	10	242.48	64.67	20.45	10	204.44	35.05	11.08	3	223.97	19.04	10.99
90-Minute	1	10	34.43	10.41	3.29	10	31.86	10.41	3.29	10	33.86	10.69	3.38	3	33.38	1.35	0.78
	2	10	32.30	8.90	2.81	10	26.14	9.52	3.01	10	46.26	23.19	7.33	3	34.90	10.31	5.95
	3	10	50.57	14.63	4.63	10	36.93	14.20	4.49	10	37.78	15.80	5.00	3	41.76	7.64	4.41
	4	10	51.49	27.79	8.79	10	45.77	17.58	5.56	10	39.44	16.02	5.07	3	45.57	6.03	3.48
	5	10	117.19	62.35	19.72	10	66.32	31.60	9.99	10	45.66	24.48	7.74	3	76.39	36.82	21.26
	6	10	67.23	29.37	9.29	10	32.11	20.05	6.34	10	21.49	9.41	2.98	3	40.28	23.94	13.82
	7	10	198.89	74.55	23.58	10	106.03	57.11	18.06	10	68.44	36.70	11.61	3	124.45	67.15	38.77
	8	10	2.70	1.67	0.53	10	1.72	1.69	0.53	10	0.86	0.60	0.19	3	1.76	0.92	0.53
	9	10	285.99	84.36	26.68	10	207.03	43.00	13.60	10	203.00	44.16	13.96	3	232.01	46.79	27.01
300-Minute	1	10	35.89	12.53	3.96	10	45.26	20.13	6.37	10	33.21	8.36	2.64	3	38.12	6.33	3.65
	2	10	36.18	16.78	5.31	10	39.41	13.56	4.29	10	34.70	17.81	5.63	3	36.76	2.41	1.39
	3	10	35.06	8.96	2.83	10	36.58	12.23	3.87	10	36.10	14.30	4.52	3	35.91	0.78	0.45
	4	10	42.47	13.16	4.16	10	42.27	15.21	4.81	10	42.65	14.04	4.44	3	42.46	0.19	0.11
	5	10	59.12	27.80	8.79	10	44.53	14.02	4.43	10	76.17	24.65	7.80	3	59.94	15.84	9.14
	6	10	37.63	20.40	6.45	10	19.92	8.01	2.53	10	37.09	14.46	4.57	3	31.54	10.07	5.82
	7	10	113.59	69.44	21.96	10	79.85	37.43	11.84	10	110.90	28.44	8.99	3	101.45	18.75	10.83
	8	10	1.41	0.90	0.28	10	0.74	0.26	0.08	10	1.41	0.70	0.22	3	1.19	0.39	0.22
	9	10	208.72	43.39	13.72	10	208.05	48.18	15.24	10	222.84	42.50	13.44	3	213.20	8.35	4.82
600-Minute	1	10	43.98	27.50	8.70	10	29.85	11.40	3.61	10	42.11	24.90	7.87	3	38.64	7.68	4.43
	2	10	38.21	16.11	5.10	10	32.01	17.51	5.54	10	30.11	9.84	3.11	3	33.44	4.23	2.44
	3	10	41.82	11.07	3.50	10	33.93	10.77	3.41	10	33.60	13.64	4.31	3	36.45	4.65	2.69
	4	10	49.57	14.78	4.67	10	42.97	17.51	5.54	10	27.84	7.13	2.25	3	40.13	11.14	6.43
	5	10	62.43	39.35	12.44	10	89.06	52.49	16.60	10	33.18	19.32	6.11	3	61.56	27.95	16.14
	6	10	50.45	45.01	14.23	10	64.13	27.31	8.64	10	19.25	8.33	2.63	3	44.61	23.01	13.28
	7	10	145.17	105.69	33.42	10	175.91	72.08	22.79	10	60.70	39.88	12.61	3	127.26	59.65	34.44
	8	10	2.69	2.26	0.72	10	2.30	1.27	0.40	10	0.61	0.39	0.12	3	1.87	1.11	0.64
	9	10	235.99	37.80	11.95	10	212.22	44.97	14.22	10	166.84	39.56	12.51	3	205.02	35.13	20.28

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	30.34	11.75	3.71	10	43.98	20.85	6.59	10	37.43	21.20	6.71	3	37.25	6.82	3.94
	2	10	31.78	17.12	5.41	10	33.38	14.16	4.48	10	37.13	11.53	3.65	3	34.10	2.74	1.58
	3	10	35.59	21.32	6.74	10	38.20	10.91	3.45	10	43.38	17.22	5.44	3	39.06	3.96	2.29
	4	10	39.80	17.03	5.38	10	42.18	14.71	4.65	10	41.73	14.10	4.46	3	41.24	1.26	0.73
	5	10	24.75	5.90	1.87	10	24.57	6.35	2.01	10	25.39	7.44	2.35	3	24.91	0.43	0.25
	6	10	11.01	4.05	1.28	10	9.10	3.29	1.04	10	7.46	2.58	0.82	3	9.19	1.78	1.03
	7	10	22.17	7.33	2.32	10	18.28	6.24	1.97	10	14.20	5.27	1.67	3	18.22	3.98	2.30
	8	10	0.45	0.52	0.17	10	0.34	0.32	0.10	10	0.18	0.29	0.09	3	0.33	0.14	0.08
	9	10	162.27	55.24	17.47	10	182.32	45.66	14.44	10	185.06	26.79	8.47	3	176.55	12.44	7.18
90-Minute	1	10	32.96	15.92	5.04	10	33.20	10.25	3.24	10	40.85	22.81	7.21	3	35.67	4.49	2.59
	2	10	31.28	15.63	4.94	10	33.00	15.40	4.87	10	32.75	20.69	6.54	3	32.34	0.92	0.53
	3	10	50.86	33.65	10.64	10	33.08	15.95	5.04	10	36.13	18.70	5.91	3	40.02	9.51	5.49
	4	10	39.71	13.65	4.32	10	47.53	16.91	5.35	10	34.05	14.40	4.55	3	40.43	6.77	3.91
	5	10	28.17	13.95	4.41	10	22.16	4.28	1.35	10	23.61	6.12	1.93	3	24.65	3.13	1.81
	6	10	17.09	9.28	2.94	10	10.88	4.73	1.50	10	9.27	3.36	1.06	3	12.41	4.13	2.38
	7	10	38.08	33.32	10.54	10	16.61	4.88	1.54	10	14.34	3.49	1.10	3	23.01	13.10	7.56
	8	10	0.49	0.49	0.16	10	0.16	0.13	0.04	10	0.12	0.15	0.05	3	0.26	0.20	0.12
	9	10	182.98	75.81	23.97	10	168.97	39.84	12.60	10	167.38	58.17	18.40	3	173.11	8.58	4.95
300-Minute	1	10	29.77	13.95	4.41	10	27.83	5.08	1.61	10	28.79	12.11	3.83	3	28.80	0.97	0.56
	2	10	33.52	13.91	4.40	10	35.69	14.03	4.44	10	26.82	10.12	3.20	3	32.01	4.63	2.67
	3	10	41.00	15.21	4.81	10	31.53	10.53	3.33	10	27.74	12.28	3.88	3	33.42	6.83	3.94
	4	10	39.99	14.80	4.68	10	41.59	19.09	6.04	10	38.22	14.68	4.64	3	39.94	1.68	0.97
	5	10	21.64	7.65	2.42	10	18.72	7.07	2.24	10	21.12	7.22	2.28	3	20.49	1.55	0.90
	6	10	11.42	3.59	1.13	10	7.86	3.02	0.96	10	9.69	3.57	1.13	3	9.66	1.78	1.03
	7	10	23.03	8.57	2.71	10	15.44	3.91	1.24	10	18.38	4.24	1.34	3	18.95	3.83	2.21
	8	10	0.33	0.23	0.07	10	0.14	0.10	0.03	10	0.19	0.15	0.05	3	0.22	0.10	0.06
	9	10	165.92	46.00	14.55	10	155.36	29.47	9.32	10	142.69	32.15	10.17	3	154.66	11.63	6.72
600-Minute	1	10	34.48	27.99	8.85	10	22.76	17.38	5.50	10	39.90	43.17	13.65	3	32.38	8.76	5.06
	2	10	32.82	14.40	4.55	10	29.64	11.30	3.57	10	32.37	25.27	7.99	3	31.61	1.72	0.99
	3	10	34.64	8.05	2.55	10	23.83	7.12	2.25	10	25.16	19.13	6.05	3	27.88	5.89	3.40
	4	10	32.29	10.04	3.18	10	22.87	15.91	5.03	10	21.38	8.51	2.69	3	25.52	5.92	3.42
	5	10	14.58	7.10	2.25	10	23.24	29.12	9.21	10	14.43	4.14	1.31	3	17.42	5.04	2.91
	6	10	5.78	4.94	1.56	10	5.74	2.02	0.64	10	6.90	2.58	0.82	3	6.14	0.66	0.38
	7	10	17.49	13.85	4.38	10	14.45	3.78	1.19	10	11.25	3.92	1.24	3	14.40	3.12	1.80
	8	10	0.16	0.19	0.06	10	0.11	0.13	0.04	10	0.11	0.13	0.04	3	0.13	0.03	0.02
	9	10	148.81	32.24	10.20	10	112.66	38.33	12.12	10	133.24	87.12	27.55	3	131.57	18.13	10.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	2.50	0.53	0.17	9	2.22	0.83	0.28	10	2.15	0.67	0.21	3	2.29	0.18	0.11
	2	10	5.95	0.86	0.27	9	5.17	0.71	0.24	9	5.50	1.22	0.41	3	5.54	0.39	0.23
	3	10	10.35	1.03	0.33	10	10.20	1.53	0.48	10	10.35	1.23	0.39	3	10.30	0.09	0.05
	4	10	15.55	1.42	0.45	10	15.35	1.38	0.43	10	16.10	1.15	0.36	3	15.67	0.39	0.22
	5	10	22.65	0.97	0.31	10	22.90	0.84	0.27	10	23.00	1.39	0.44	3	22.85	0.18	0.10
	9	10	3.00	1.18	0.37	10	11.10	10.17	3.22	10	4.00	2.75	0.87	3	6.03	4.42	2.55
90-Minute	1	8	2.56	0.62	0.22	6	2.25	0.52	0.21	9	2.11	0.60	0.20	3	2.31	0.23	0.13
	2	10	5.75	1.09	0.34	10	5.50	0.47	0.15	10	6.25	1.01	0.32	3	5.83	0.38	0.22
	3	10	10.45	1.40	0.44	10	10.35	1.58	0.50	10	10.15	1.16	0.37	3	10.32	0.15	0.09
	4	10	15.45	1.54	0.49	9	14.94	0.92	0.31	10	15.75	1.25	0.40	3	15.38	0.41	0.24
	5	10	22.65	1.92	0.61	10	22.20	2.06	0.65	10	22.85	1.11	0.35	3	22.57	0.33	0.19
	9	10	12.55	8.56	2.71	10	11.55	8.99	2.84	10	13.75	9.81	3.10	3	12.62	1.10	0.64
300-Minute	1	8	2.69	0.53	0.19	10	2.05	0.69	0.22	8	2.19	0.84	0.30	3	2.31	0.34	0.19
	2	9	5.78	0.83	0.28	10	5.90	1.17	0.37	10	6.05	1.04	0.33	3	5.91	0.14	0.08
	3	10	10.65	1.45	0.46	10	10.80	1.21	0.38	10	10.55	1.17	0.37	3	10.67	0.13	0.07
	4	10	14.55	0.90	0.28	10	15.30	1.06	0.34	10	15.50	1.41	0.45	3	15.12	0.50	0.29
	5	10	23.35	1.20	0.38	10	21.75	1.65	0.52	10	22.45	1.86	0.59	3	22.52	0.80	0.46
	9	10	13.50	11.00	3.48	10	8.35	7.92	2.51	10	10.10	9.45	2.99	3	10.65	2.62	1.51
600-Minute	1	10	2.70	0.63	0.20	9	2.11	0.60	0.20	10	2.20	0.86	0.27	3	2.34	0.32	0.18
	2	10	5.85	0.78	0.25	9	5.39	1.05	0.35	10	5.80	1.14	0.36	3	5.68	0.25	0.15
	3	10	9.90	1.45	0.46	10	9.95	1.42	0.45	10	10.20	1.03	0.33	3	10.02	0.16	0.09
	4	10	14.95	1.50	0.47	10	15.60	0.99	0.31	10	15.15	1.33	0.42	3	15.23	0.33	0.19
	5	10	21.05	2.39	0.75	10	20.00	6.97	2.20	10	20.30	1.70	0.54	3	20.45	0.54	0.31
	9	10	9.10	6.65	2.10	10	12.10	9.89	3.13	10	5.00	5.90	1.86	3	8.73	3.56	2.06

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	2.05	0.44	0.14	10	2.05	0.64	0.20	10	2.30	0.59	0.19	3	2.13	0.14	0.08
	2	10	5.85	1.11	0.35	9	5.78	0.83	0.28	10	5.30	1.09	0.34	3	5.64	0.30	0.17
	3	10	10.55	1.38	0.44	10	10.70	1.51	0.48	10	10.85	1.16	0.37	3	10.70	0.15	0.09
	4	10	15.50	1.49	0.47	10	15.30	1.30	0.41	10	15.60	1.41	0.45	3	15.47	0.15	0.09
	5	10	22.50	0.97	0.31	10	21.95	2.15	0.68	10	22.85	1.78	0.56	3	22.43	0.45	0.26
	9	10	4.70	6.24	1.97	10	6.85	7.18	2.27	10	5.00	6.64	2.10	3	5.52	1.16	0.67
90-Minute	1	10	2.35	0.63	0.20	8	2.50	0.71	0.25	9	2.44	0.53	0.18	3	2.43	0.08	0.04
	2	9	6.39	0.65	0.22	7	5.57	0.45	0.17	10	5.75	1.03	0.33	3	5.90	0.43	0.25
	3	9	10.11	1.36	0.45	10	10.30	1.30	0.41	10	10.55	1.36	0.43	3	10.32	0.22	0.13
	4	10	15.15	1.45	0.46	10	15.15	1.06	0.33	9	15.17	0.94	0.31	3	15.16	0.01	0.01
	5	10	21.95	1.74	0.55	10	21.80	2.21	0.70	10	22.35	1.43	0.45	3	22.03	0.28	0.16
	9	10	9.45	7.46	2.36	10	6.00	6.58	2.08	10	11.15	9.98	3.16	3	8.87	2.62	1.51
300-Minute	1	10	2.70	0.48	0.15	10	2.05	0.69	0.22	9	2.06	0.85	0.28	3	2.27	0.37	0.22
	2	9	5.72	1.00	0.33	10	6.10	1.02	0.32	9	5.72	0.79	0.26	3	5.85	0.22	0.13
	3	10	10.40	1.37	0.43	10	10.60	1.22	0.39	10	10.75	1.32	0.42	3	10.58	0.18	0.10
	4	10	14.75	1.30	0.41	9	16.00	1.70	0.57	10	14.35	1.00	0.32	3	15.03	0.86	0.50
	5	10	22.65	1.33	0.42	10	22.00	1.60	0.51	10	21.45	2.05	0.65	3	22.03	0.60	0.35
	9	10	16.60	9.37	2.96	10	5.20	2.76	0.87	10	5.15	4.88	1.54	3	8.98	6.60	3.81
600-Minute	1	9	2.28	0.57	0.19	10	2.30	0.54	0.17	9	1.89	0.65	0.22	3	2.16	0.23	0.13
	2	10	6.10	0.77	0.24	10	5.60	1.17	0.37	9	6.11	1.29	0.43	3	5.94	0.29	0.17
	3	10	9.95	1.23	0.39	10	10.85	1.16	0.37	10	10.30	0.98	0.31	3	10.37	0.45	0.26
	4	10	14.85	1.16	0.37	10	15.65	1.29	0.41	10	15.15	1.47	0.47	3	15.22	0.40	0.23
	5	10	22.10	2.13	0.67	10	19.30	6.65	2.10	10	21.60	1.65	0.52	3	21.00	1.49	0.86
	9	10	7.70	6.66	2.11	10	4.65	3.84	1.22	10	3.00	2.78	0.88	3	5.12	2.38	1.38

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	8	2.62	0.64	0.23	8	2.25	0.60	0.21	7	2.00	0.58	0.22	3	2.29	0.31	0.18
	2	10	6.15	1.08	0.34	10	5.55	0.80	0.25	10	5.80	0.98	0.31	3	5.83	0.30	0.17
	3	10	10.95	1.34	0.42	10	9.85	1.08	0.34	10	10.90	0.99	0.31	3	10.57	0.62	0.36
	4	10	15.70	1.48	0.47	10	16.02	1.19	0.38	10	15.50	1.58	0.50	3	15.74	0.26	0.15
	5	10	20.85	2.10	0.66	10	21.85	1.49	0.47	10	20.45	1.48	0.47	3	21.05	0.72	0.42
	9	10	13.65	7.16	2.26	10	12.00	7.93	2.51	10	13.20	7.35	2.32	3	12.95	0.85	0.49
90-Minute	1	9	2.28	0.62	0.21	9	2.33	0.66	0.22	9	2.44	0.73	0.24	3	2.35	0.08	0.05
	2	9	6.33	0.90	0.30	10	6.07	0.62	0.20	10	5.85	1.11	0.35	3	6.09	0.24	0.14
	3	9	10.11	1.22	0.41	10	10.25	1.09	0.34	10	10.85	1.29	0.41	3	10.40	0.39	0.23
	4	9	16.06	1.40	0.47	9	15.39	1.34	0.45	10	15.25	1.21	0.38	3	15.56	0.43	0.25
	5	10	21.20	2.03	0.64	10	21.10	1.87	0.59	10	21.65	2.17	0.69	3	21.32	0.29	0.17
	9	10	16.85	8.02	2.54	10	12.80	8.70	2.75	10	9.85	8.45	2.67	3	13.17	3.51	2.03
300-Minute	1	9	2.44	0.88	0.29	10	2.20	0.54	0.17	8	2.37	0.88	0.31	3	2.34	0.13	0.07
	2	10	6.35	1.11	0.35	9	5.67	1.15	0.38	10	6.30	0.75	0.24	3	6.11	0.38	0.22
	3	9	10.56	1.36	0.45	9	10.00	0.75	0.25	10	10.75	1.65	0.52	3	10.44	0.39	0.22
	4	10	15.55	1.36	0.43	9	15.06	1.69	0.56	10	15.25	1.36	0.43	3	15.29	0.25	0.14
	5	10	20.50	1.68	0.53	10	21.75	1.75	0.55	10	21.80	1.34	0.42	3	21.35	0.74	0.43
	9	10	9.55	7.35	2.32	10	6.60	4.96	1.57	10	13.25	9.71	3.07	3	9.80	3.33	1.92
600-Minute	1	10	2.65	0.71	0.22	8	2.44	0.82	0.29	9	2.61	0.78	0.26	3	2.57	0.11	0.07
	2	10	6.25	1.16	0.37	10	5.95	0.83	0.26	10	5.90	0.97	0.31	3	6.03	0.19	0.11
	3	10	10.60	1.52	0.48	10	11.05	1.38	0.44	10	10.40	1.29	0.41	3	10.68	0.33	0.19
	4	10	15.75	1.42	0.45	10	15.75	1.01	0.32	10	15.50	1.43	0.45	3	15.67	0.14	0.08
	5	10	21.55	1.61	0.51	10	20.60	7.04	2.23	10	21.05	0.64	0.20	3	21.07	0.48	0.27
	9	10	12.95	8.06	2.55	10	16.55	7.97	2.52	10	7.40	7.13	2.25	3	12.30	4.61	2.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	2.30	0.75	0.24	10	2.40	0.57	0.18	8	2.25	0.60	0.21	3	2.32	0.08	0.04
	2	10	5.95	0.96	0.30	9	5.44	0.77	0.26	9	5.89	0.89	0.30	3	5.76	0.28	0.16
	3	10	10.15	1.16	0.37	10	10.50	1.37	0.43	9	10.78	1.30	0.43	3	10.48	0.31	0.18
	4	10	15.45	1.14	0.36	10	15.25	1.44	0.45	10	15.10	0.84	0.27	3	15.27	0.18	0.10
	5	10	21.40	1.79	0.57	10	20.20	1.83	0.58	10	20.80	1.58	0.50	3	20.80	0.60	0.35
	9	10	7.55	6.70	2.12	10	9.55	5.68	1.80	10	7.35	5.66	1.79	3	8.15	1.22	0.70
90-Minute	1	9	2.22	0.75	0.25	10	2.45	0.76	0.24	9	1.89	0.49	0.16	3	2.19	0.28	0.16
	2	10	6.65	0.58	0.18	9	6.06	1.26	0.42	9	6.00	0.66	0.22	3	6.24	0.36	0.21
	3	10	10.75	1.21	0.38	10	10.45	1.44	0.46	10	10.35	0.75	0.24	3	10.52	0.21	0.12
	4	10	15.90	1.56	0.49	10	14.70	1.18	0.37	10	14.85	1.18	0.37	3	15.15	0.65	0.38
	5	10	20.30	1.90	0.60	10	20.95	2.48	0.78	10	20.70	2.08	0.66	3	20.65	0.33	0.19
	9	10	7.20	4.73	1.49	10	7.70	5.68	1.80	10	4.60	4.71	1.49	3	6.50	1.66	0.96
300-Minute	1	8	2.50	0.80	0.28	10	2.40	0.88	0.28	9	2.17	0.71	0.24	3	2.36	0.17	0.10
	2	9	6.50	1.12	0.37	10	5.90	1.24	0.39	10	6.55	0.60	0.19	3	6.32	0.36	0.21
	3	10	10.35	1.33	0.42	10	10.10	1.37	0.43	9	10.56	1.38	0.46	3	10.34	0.23	0.13
	4	10	15.75	1.32	0.42	10	14.75	1.03	0.33	10	14.90	1.47	0.46	3	15.13	0.54	0.31
	5	10	21.55	1.74	0.55	10	20.20	1.11	0.35	10	22.15	1.96	0.62	3	21.30	1.00	0.58
	9	10	7.05	4.89	1.55	10	4.80	3.58	1.13	10	9.50	6.30	1.99	3	7.12	2.35	1.36
600-Minute	1	9	2.39	0.70	0.23	7	2.00	0.58	0.22	9	2.39	0.78	0.26	3	2.26	0.22	0.13
	2	10	6.55	0.83	0.26	9	6.17	0.90	0.30	10	5.70	1.18	0.37	3	6.14	0.43	0.25
	3	9	9.78	1.37	0.46	9	9.94	1.53	0.51	10	10.55	1.32	0.42	3	10.09	0.41	0.23
	4	10	15.75	1.06	0.34	10	15.40	1.61	0.51	10	15.10	1.20	0.38	3	15.42	0.33	0.19
	5	10	20.60	1.88	0.60	10	19.50	6.46	2.04	10	20.55	1.62	0.51	3	20.22	0.62	0.36
	9	10	8.50	4.94	1.56	10	6.55	3.61	1.14	10	6.30	5.70	1.80	3	7.12	1.20	0.70

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	2.23	0.17	0.05	10	2.14	0.21	0.07	10	2.18	0.23	0.07	3	2.19	0.05	0.03
	2	10	5.67	0.28	0.09	10	5.55	0.25	0.08	10	5.44	0.38	0.12	3	5.55	0.12	0.07
	3	10	10.07	0.40	0.13	10	10.28	0.33	0.10	10	10.19	0.29	0.09	3	10.18	0.11	0.06
	4	10	15.39	0.50	0.16	10	15.15	0.30	0.09	10	15.17	0.45	0.14	3	15.24	0.13	0.08
	5	10	21.73	0.33	0.11	10	21.97	0.32	0.10	10	21.69	0.57	0.18	3	21.80	0.15	0.09
	9	10	11.22	0.78	0.25	10	11.18	1.41	0.45	10	9.15	0.64	0.20	3	10.51	1.18	0.68
90-Minute	1	10	2.32	0.24	0.08	10	2.13	0.32	0.10	10	2.27	0.26	0.08	3	2.24	0.10	0.06
	2	10	5.75	0.32	0.10	10	5.58	0.16	0.05	10	5.62	0.46	0.14	3	5.65	0.08	0.05
	3	10	10.15	0.35	0.11	10	10.36	0.57	0.18	10	10.08	0.25	0.08	3	10.20	0.14	0.08
	4	10	15.08	0.43	0.14	10	15.06	0.38	0.12	10	15.35	0.33	0.10	3	15.16	0.16	0.09
	5	10	21.65	0.45	0.14	10	21.36	0.58	0.18	10	22.04	0.36	0.11	3	21.68	0.34	0.20
	9	10	12.99	0.93	0.29	10	11.80	1.02	0.32	10	12.51	1.38	0.44	3	12.43	0.60	0.35
300-Minute	1	10	2.38	0.33	0.10	10	2.19	0.21	0.07	10	2.08	0.31	0.10	3	2.22	0.15	0.09
	2	10	5.65	0.43	0.13	10	5.66	0.50	0.16	10	5.77	0.48	0.15	3	5.70	0.06	0.04
	3	10	10.00	0.37	0.12	10	10.10	0.43	0.14	10	10.11	0.33	0.10	3	10.07	0.06	0.04
	4	10	14.98	0.30	0.10	10	15.21	0.40	0.13	10	15.21	0.37	0.12	3	15.13	0.13	0.08
	5	10	22.25	0.56	0.18	10	21.49	0.51	0.16	10	21.67	0.45	0.14	3	21.80	0.40	0.23
	9	10	13.04	1.98	0.63	10	10.71	1.93	0.61	10	11.58	1.28	0.40	3	11.78	1.18	0.68
600-Minute	1	10	2.11	0.28	0.09	10	2.21	0.26	0.08	10	2.18	0.26	0.08	3	2.17	0.05	0.03
	2	10	5.81	0.41	0.13	10	5.62	0.26	0.08	10	5.60	0.24	0.07	3	5.68	0.12	0.07
	3	10	9.92	0.58	0.18	10	9.81	0.28	0.09	10	10.11	0.20	0.06	3	9.95	0.15	0.09
	4	10	15.10	0.32	0.10	10	15.26	0.35	0.11	10	15.15	0.38	0.12	3	15.17	0.08	0.05
	5	10	21.25	0.72	0.23	10	20.68	3.42	1.08	10	21.03	0.42	0.13	3	20.99	0.29	0.17
	9	10	11.27	1.19	0.38	10	12.11	1.70	0.54	10	10.27	1.59	0.50	3	11.22	0.92	0.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	2.20	0.15	0.05	10	2.22	0.18	0.06	10	2.21	0.21	0.07	3	2.21	0.01	0.00
	2	10	5.52	0.38	0.12	10	5.57	0.37	0.12	10	5.54	0.53	0.17	3	5.54	0.02	0.01
	3	10	10.30	0.52	0.16	10	10.33	0.31	0.10	10	10.24	0.26	0.08	3	10.29	0.05	0.03
	4	10	15.38	0.49	0.15	10	14.67	0.47	0.15	10	15.24	0.46	0.15	3	15.10	0.38	0.22
	5	10	21.67	0.32	0.10	10	21.84	0.65	0.20	10	21.57	0.45	0.14	3	21.69	0.14	0.08
	9	10	11.02	1.22	0.39	10	10.91	0.94	0.30	10	10.92	0.63	0.20	3	10.95	0.06	0.04
90-Minute	1	10	2.32	0.25	0.08	10	2.37	0.31	0.10	10	2.29	0.24	0.08	3	2.32	0.04	0.02
	2	10	5.85	0.33	0.10	10	5.57	0.24	0.07	10	5.63	0.32	0.10	3	5.68	0.15	0.09
	3	10	10.11	0.30	0.09	10	10.19	0.43	0.14	10	10.23	0.29	0.09	3	10.18	0.06	0.03
	4	10	15.17	0.46	0.15	10	15.16	0.35	0.11	10	15.16	0.29	0.09	3	15.16	0.01	0.00
	5	10	21.24	0.46	0.15	10	21.14	0.49	0.16	10	21.51	0.50	0.16	3	21.30	0.19	0.11
	9	10	12.05	1.49	0.47	10	10.92	1.06	0.34	10	11.83	1.45	0.46	3	11.60	0.60	0.35
300-Minute	1	10	2.50	0.21	0.07	10	2.32	0.20	0.06	10	2.20	0.27	0.09	3	2.34	0.15	0.09
	2	10	5.62	0.50	0.16	10	5.71	0.32	0.10	10	5.54	0.46	0.14	3	5.62	0.08	0.05
	3	10	10.09	0.39	0.12	10	10.12	0.45	0.14	10	10.24	0.30	0.10	3	10.15	0.08	0.05
	4	10	15.14	0.47	0.15	10	15.44	0.66	0.21	10	15.01	0.43	0.14	3	15.20	0.22	0.13
	5	10	21.89	0.45	0.14	10	21.18	0.50	0.16	10	21.46	0.62	0.19	3	21.51	0.36	0.21
	9	10	13.33	1.68	0.53	10	9.98	2.13	0.67	10	11.58	1.11	0.35	3	11.63	1.68	0.97
600-Minute	1	10	2.21	0.23	0.07	10	2.16	0.33	0.10	10	2.15	0.32	0.10	3	2.17	0.03	0.02
	2	10	5.92	0.36	0.11	10	5.59	0.27	0.08	10	5.54	0.36	0.11	3	5.69	0.21	0.12
	3	10	10.05	0.53	0.17	10	10.13	0.55	0.17	10	10.04	0.36	0.11	3	10.07	0.05	0.03
	4	10	15.14	0.45	0.14	10	15.21	0.54	0.17	10	15.01	0.51	0.16	3	15.12	0.10	0.06
	5	10	21.55	0.59	0.19	10	20.20	3.61	1.14	10	21.28	0.41	0.13	3	21.01	0.71	0.41
	9	10	10.02	1.25	0.40	10	9.94	1.27	0.40	10	9.36	1.24	0.39	3	9.77	0.36	0.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	2.07	0.31	0.10	10	2.17	0.18	0.06	10	2.16	0.25	0.08	3	2.13	0.06	0.03
	2	10	5.68	0.36	0.11	10	5.56	0.26	0.08	10	5.58	0.31	0.10	3	5.61	0.06	0.04
	3	10	10.34	0.48	0.15	10	10.19	0.38	0.12	10	10.23	0.34	0.11	3	10.25	0.08	0.05
	4	10	15.37	0.30	0.09	10	15.58	0.49	0.15	10	15.47	0.52	0.16	3	15.47	0.10	0.06
	5	10	20.93	0.43	0.13	10	21.22	0.69	0.22	10	20.87	0.51	0.16	3	21.00	0.19	0.11
	9	10	12.14	1.64	0.52	10	11.95	1.24	0.39	10	12.47	0.90	0.29	3	12.19	0.27	0.15
90-Minute	1	10	2.16	0.18	0.06	10	2.17	0.26	0.08	10	2.20	0.28	0.09	3	2.17	0.02	0.01
	2	10	5.73	0.35	0.11	10	5.85	0.33	0.10	10	5.66	0.22	0.07	3	5.75	0.10	0.06
	3	10	10.26	0.50	0.16	10	10.00	0.43	0.13	10	10.43	0.43	0.14	3	10.23	0.22	0.13
	4	10	15.30	0.64	0.20	10	15.21	0.35	0.11	10	15.06	0.33	0.10	3	15.19	0.12	0.07
	5	10	21.28	0.38	0.12	10	20.94	0.58	0.18	10	21.40	0.53	0.17	3	21.21	0.24	0.14
	9	10	13.90	1.53	0.48	10	12.78	1.81	0.57	10	11.40	2.00	0.63	3	12.69	1.25	0.72
300-Minute	1	10	1.99	0.23	0.07	10	2.14	0.23	0.07	10	2.16	0.34	0.11	3	2.10	0.09	0.05
	2	10	5.74	0.31	0.10	10	5.73	0.38	0.12	10	5.79	0.23	0.07	3	5.75	0.03	0.02
	3	10	10.30	0.46	0.15	10	10.01	0.27	0.08	10	10.13	0.38	0.12	3	10.15	0.15	0.09
	4	10	15.27	0.45	0.14	10	14.93	0.41	0.13	10	15.33	0.30	0.09	3	15.18	0.21	0.12
	5	10	21.32	0.48	0.15	10	21.21	0.50	0.16	10	21.31	0.27	0.08	3	21.28	0.06	0.04
	9	10	12.13	1.40	0.44	10	10.88	1.21	0.38	10	13.04	0.88	0.28	3	12.02	1.08	0.62
600-Minute	1	10	2.21	0.34	0.11	10	2.25	0.31	0.10	10	2.28	0.32	0.10	3	2.25	0.04	0.02
	2	10	5.69	0.37	0.12	10	5.64	0.38	0.12	10	5.70	0.32	0.10	3	5.68	0.03	0.02
	3	10	9.89	0.24	0.08	10	10.44	0.50	0.16	10	10.15	0.47	0.15	3	10.16	0.28	0.16
	4	10	15.23	0.41	0.13	10	15.41	0.35	0.11	10	15.23	0.59	0.19	3	15.29	0.10	0.06
	5	10	21.32	0.45	0.14	10	20.70	3.02	0.95	10	21.16	0.43	0.14	3	21.06	0.32	0.19
	9	10	11.92	2.33	0.74	10	13.39	1.83	0.58	10	10.46	2.00	0.63	3	11.93	1.46	0.84

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	2.19	0.16	0.05	10	2.32	0.24	0.08	10	2.27	0.30	0.10	3	2.26	0.07	0.04
	2	10	5.72	0.31	0.10	10	5.81	0.37	0.12	10	5.76	0.35	0.11	3	5.77	0.04	0.03
	3	10	10.17	0.37	0.12	10	10.10	0.42	0.13	10	10.27	0.42	0.13	3	10.18	0.09	0.05
	4	10	15.36	0.50	0.16	10	15.07	0.50	0.16	10	15.07	0.35	0.11	3	15.16	0.17	0.10
	5	10	20.96	0.60	0.19	10	20.67	0.64	0.20	10	20.78	0.71	0.23	3	20.80	0.14	0.08
	9	10	10.88	0.68	0.22	10	10.15	0.89	0.28	10	10.35	1.04	0.33	3	10.46	0.37	0.22
90-Minute	1	10	2.13	0.26	0.08	10	2.22	0.29	0.09	10	2.13	0.30	0.09	3	2.16	0.06	0.03
	2	10	5.90	0.36	0.11	10	5.91	0.42	0.13	10	5.55	0.28	0.09	3	5.78	0.20	0.12
	3	10	10.34	0.46	0.15	10	10.31	0.44	0.14	10	10.40	0.45	0.14	3	10.35	0.04	0.03
	4	10	15.21	0.39	0.12	10	14.79	0.38	0.12	10	14.85	0.41	0.13	3	14.95	0.23	0.13
	5	10	20.74	0.54	0.17	10	20.87	0.61	0.19	10	20.72	0.42	0.13	3	20.78	0.08	0.05
	9	10	10.90	1.34	0.42	10	10.58	0.92	0.29	10	9.97	1.38	0.44	3	10.48	0.47	0.27
300-Minute	1	10	2.27	0.31	0.10	10	2.19	0.17	0.05	10	2.27	0.24	0.08	3	2.24	0.05	0.03
	2	10	5.89	0.40	0.13	10	5.74	0.39	0.12	10	5.76	0.26	0.08	3	5.80	0.08	0.05
	3	10	10.17	0.51	0.16	10	10.15	0.40	0.13	10	10.33	0.41	0.13	3	10.22	0.10	0.06
	4	10	15.18	0.46	0.15	10	14.97	0.33	0.11	10	15.01	0.50	0.16	3	15.05	0.11	0.06
	5	10	20.99	0.37	0.12	10	20.89	0.55	0.18	10	20.97	0.67	0.21	3	20.95	0.06	0.03
	9	10	10.72	1.31	0.41	10	10.15	1.18	0.37	10	10.72	1.35	0.43	3	10.53	0.33	0.19
600-Minute	1	10	2.21	0.15	0.05	10	2.08	0.20	0.06	10	2.15	0.32	0.10	3	2.15	0.06	0.04
	2	10	6.07	0.44	0.14	10	5.87	0.35	0.11	10	5.58	0.32	0.10	3	5.84	0.25	0.14
	3	10	9.87	0.44	0.14	10	10.07	0.37	0.12	10	10.01	0.59	0.19	3	9.98	0.10	0.06
	4	10	15.09	0.65	0.21	10	15.03	0.50	0.16	10	15.15	0.32	0.10	3	15.09	0.06	0.04
	5	10	20.75	0.51	0.16	10	19.66	3.74	1.18	10	20.83	0.68	0.22	3	20.41	0.66	0.38
	9	10	9.66	1.80	0.57	10	9.75	1.12	0.35	10	9.80	2.25	0.71	3	9.74	0.07	0.04

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	26.73	7.50	2.37	10	21.19	5.73	1.81	10	26.29	6.42	2.03	3	24.73	3.08	1.78
	2	10	17.79	7.89	2.50	10	20.40	7.13	2.25	10	25.12	7.41	2.34	3	21.10	3.72	2.15
	3	10	14.94	3.62	1.14	10	19.57	4.33	1.37	10	21.12	5.29	1.67	3	18.54	3.21	1.85
	4	10	11.35	4.45	1.41	10	14.11	4.00	1.27	10	13.94	4.90	1.55	3	13.13	1.55	0.89
	5	10	29.19	3.83	1.21	10	24.73	7.46	2.36	10	13.54	5.60	1.77	3	22.49	8.06	4.65
90-Minute	1	10	13.41	5.85	1.85	10	19.35	8.10	2.56	10	18.50	8.43	2.67	3	17.08	3.21	1.85
	2	10	17.94	3.90	1.23	10	17.38	4.88	1.54	10	17.61	3.84	1.22	3	17.64	0.28	0.16
	3	10	17.70	5.69	1.80	10	19.58	6.98	2.21	10	17.11	4.23	1.34	3	18.13	1.29	0.74
	4	10	18.08	3.41	1.08	10	15.08	3.68	1.16	10	13.79	5.65	1.79	3	15.65	2.20	1.27
	5	10	32.87	3.90	1.23	10	28.61	6.22	1.97	10	33.00	7.89	2.49	3	31.49	2.50	1.44
300-Minute	1	10	15.34	4.19	1.33	10	21.81	6.94	2.19	10	18.42	7.82	2.47	3	18.53	3.24	1.87
	2	10	17.22	8.94	2.83	10	25.94	11.62	3.67	10	19.71	4.97	1.57	3	20.96	4.49	2.59
	3	10	18.52	5.29	1.67	10	15.76	4.84	1.53	10	20.82	4.57	1.44	3	18.37	2.53	1.46
	4	10	14.16	4.27	1.35	10	11.17	3.62	1.15	10	14.73	2.87	0.91	3	13.35	1.91	1.10
	5	10	34.76	11.12	3.52	10	25.32	11.04	3.49	10	26.31	6.44	2.04	3	28.80	5.19	2.99
600-Minute	1	10	18.93	5.53	1.75	10	18.99	3.29	1.04	10	27.32	7.20	2.28	3	21.75	4.83	2.79
	2	10	22.70	7.11	2.25	10	21.69	5.20	1.64	10	17.07	4.38	1.38	3	20.49	3.00	1.73
	3	10	17.50	6.99	2.21	10	14.27	5.45	1.72	10	19.42	7.57	2.40	3	17.06	2.61	1.50
	4	10	14.34	5.14	1.63	10	12.07	3.82	1.21	10	14.10	4.46	1.41	3	13.50	1.25	0.72
	5	10	26.53	6.02	1.90	10	40.77	24.30	7.68	10	22.08	11.02	3.49	3	29.80	9.76	5.64

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	26.18	8.18	2.59	10	21.18	6.19	1.96	10	21.39	5.00	1.58	3	22.92	2.83	1.63
	2	10	18.30	9.07	2.87	10	19.15	6.78	2.14	10	20.92	5.26	1.66	3	19.46	1.34	0.77
	3	10	14.54	4.86	1.54	10	22.17	3.07	0.97	10	18.77	5.07	1.60	3	18.49	3.82	2.21
	4	10	14.84	4.53	1.43	10	15.57	4.83	1.53	10	15.94	5.78	1.83	3	15.45	0.56	0.32
	5	10	26.14	7.19	2.27	10	21.93	5.01	1.59	10	22.98	4.97	1.57	3	23.68	2.19	1.27
90-Minute	1	10	17.21	6.15	1.94	10	22.27	8.94	2.83	10	20.47	7.44	2.35	3	19.98	2.56	1.48
	2	10	19.13	6.67	2.11	10	20.07	7.89	2.49	10	17.99	4.83	1.53	3	19.06	1.04	0.60
	3	10	15.54	6.41	2.03	10	18.81	7.25	2.29	10	17.75	5.34	1.69	3	17.37	1.67	0.96
	4	10	20.90	5.58	1.76	10	14.30	4.02	1.27	10	14.10	4.76	1.51	3	16.43	3.87	2.23
	5	10	27.22	5.66	1.79	10	24.55	5.04	1.59	10	29.70	8.75	2.77	3	27.16	2.57	1.49
300-Minute	1	10	14.61	5.00	1.58	10	21.85	5.95	1.88	10	17.90	5.97	1.89	3	18.12	3.63	2.09
	2	10	15.41	7.04	2.22	10	29.54	11.56	3.66	10	19.34	4.33	1.37	3	21.43	7.30	4.21
	3	10	18.75	5.06	1.60	10	16.31	6.08	1.92	10	20.23	5.22	1.65	3	18.43	1.98	1.14
	4	10	15.02	3.77	1.19	10	12.97	3.96	1.25	10	16.49	4.32	1.37	3	14.82	1.77	1.02
	5	10	36.22	9.31	2.94	10	19.33	10.03	3.17	10	26.04	5.42	1.71	3	27.20	8.50	4.91
600-Minute	1	10	22.29	6.04	1.91	10	25.89	6.76	2.14	10	28.46	9.91	3.13	3	25.55	3.10	1.79
	2	10	24.85	9.61	3.04	10	20.81	7.29	2.31	10	20.13	6.70	2.12	3	21.93	2.55	1.47
	3	10	21.37	7.47	2.36	10	18.86	6.64	2.10	10	20.36	8.16	2.58	3	20.20	1.26	0.73
	4	10	13.96	5.73	1.81	10	16.97	5.41	1.71	10	16.22	4.37	1.38	3	15.72	1.57	0.91
	5	10	17.53	6.22	1.97	10	26.13	27.22	8.61	10	14.82	6.52	2.06	3	19.49	5.90	3.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
30-Minute	1	10	19.93	9.22	2.92	10	17.48	7.92	2.51	10	13.49	3.92	1.24	3	16.97	3.25	1.88
	2	10	14.48	4.03	1.27	10	17.80	6.20	1.96	10	17.05	4.39	1.39	3	16.44	1.74	1.00
	3	10	15.86	3.26	1.03	10	18.44	3.98	1.26	10	18.80	6.49	2.05	3	17.70	1.60	0.93
	4	10	20.86	5.94	1.88	10	19.52	7.72	2.44	10	23.42	5.18	1.64	3	21.27	1.98	1.14
	5	10	28.86	7.67	2.42	10	26.76	6.90	2.18	10	27.24	5.90	1.87	3	27.62	1.10	0.64
90-Minute	1	10	12.85	4.80	1.52	10	15.84	5.03	1.59	10	16.95	4.80	1.52	3	15.22	2.13	1.23
	2	10	11.88	3.65	1.15	10	13.46	6.23	1.97	10	22.07	8.26	2.61	3	15.80	5.49	3.17
	3	10	18.58	6.41	2.03	10	17.70	5.22	1.65	10	18.39	6.05	1.91	3	18.22	0.47	0.27
	4	10	17.54	5.69	1.80	10	21.67	5.82	1.84	10	19.48	6.43	2.03	3	19.56	2.06	1.19
	5	10	39.16	9.31	2.94	10	31.34	10.67	3.37	10	23.11	12.08	3.82	3	31.20	8.03	4.63
300-Minute	1	10	17.20	5.28	1.67	10	21.76	6.78	2.14	10	15.30	4.94	1.56	3	18.09	3.32	1.92
	2	10	17.33	6.76	2.14	10	18.98	5.23	1.65	10	15.12	5.49	1.73	3	17.15	1.94	1.12
	3	10	17.45	5.92	1.87	10	17.52	3.73	1.18	10	16.44	6.69	2.12	3	17.14	0.61	0.35
	4	10	20.41	4.70	1.49	10	20.40	6.14	1.94	10	19.39	6.33	2.00	3	20.06	0.59	0.34
	5	10	27.61	8.76	2.77	10	21.34	3.64	1.15	10	33.75	5.01	1.58	3	27.57	6.21	3.58
600-Minute	1	10	18.00	10.57	3.34	10	14.34	5.90	1.86	10	24.64	10.04	3.18	3	18.99	5.22	3.01
	2	10	16.30	6.95	2.20	10	14.39	5.53	1.75	10	18.25	5.44	1.72	3	16.31	1.93	1.12
	3	10	18.30	6.01	1.90	10	17.09	7.45	2.35	10	19.91	5.87	1.86	3	18.43	1.42	0.82
	4	10	21.31	6.49	2.05	10	19.99	6.07	1.92	10	17.04	4.32	1.37	3	19.45	2.19	1.26
	5	10	26.08	14.02	4.43	10	42.14	26.12	8.26	10	20.16	9.67	3.06	3	29.46	11.37	6.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL E109 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
30-Minute	1	10	19.16	4.82	1.52	10	23.10	6.21	1.96	10	19.52	9.10	2.88	3	20.59	2.18	1.26
	2	10	18.60	4.60	1.45	10	17.99	5.09	1.61	10	20.14	5.47	1.73	3	18.91	1.11	0.64
	3	10	21.20	7.93	2.51	10	21.65	7.09	2.24	10	23.45	8.24	2.61	3	22.10	1.19	0.69
	4	10	24.51	6.63	2.10	10	23.24	7.69	2.43	10	22.92	7.90	2.50	3	23.56	0.84	0.49
	5	10	16.53	5.24	1.66	10	14.02	4.22	1.33	10	13.98	4.41	1.40	3	14.84	1.46	0.85
90-Minute	1	10	18.14	6.81	2.15	10	20.01	6.07	1.92	10	24.27	10.10	3.19	3	20.81	3.14	1.81
	2	10	16.80	4.78	1.51	10	18.84	6.05	1.91	10	18.58	7.74	2.45	3	18.07	1.11	0.64
	3	10	26.16	5.80	1.83	10	18.97	6.68	2.11	10	20.79	4.05	1.28	3	21.97	3.74	2.16
	4	10	22.71	5.02	1.59	10	28.72	9.57	3.03	10	21.10	6.77	2.14	3	24.18	4.02	2.32
	5	10	16.18	5.69	1.80	10	13.46	2.60	0.82	10	15.26	5.09	1.61	3	14.97	1.38	0.80
300-Minute	1	10	17.14	5.49	1.74	10	18.87	6.35	2.01	10	20.02	6.91	2.18	3	18.68	1.45	0.84
	2	10	19.83	4.58	1.45	10	23.06	8.28	2.62	10	18.88	5.15	1.63	3	20.59	2.19	1.27
	3	10	24.50	4.26	1.35	10	20.00	3.52	1.11	10	18.97	5.61	1.77	3	21.15	2.94	1.70
	4	10	24.70	8.07	2.55	10	25.92	8.50	2.69	10	26.68	7.08	2.24	3	25.76	1.00	0.58
	5	10	13.84	5.58	1.77	10	12.15	4.55	1.44	10	15.45	5.95	1.88	3	13.82	1.65	0.95
600-Minute	1	10	21.67	12.84	4.06	10	19.24	9.26	2.93	10	23.83	12.24	3.87	3	21.58	2.29	1.32
	2	10	22.16	8.73	2.76	10	26.46	6.16	1.95	10	22.57	6.48	2.05	3	23.73	2.37	1.37
	3	10	23.56	5.15	1.63	10	21.84	4.41	1.39	10	19.27	5.71	1.81	3	21.56	2.16	1.25
	4	10	22.11	6.72	2.13	10	19.76	8.25	2.61	10	18.67	6.05	1.91	3	20.18	1.76	1.02
	5	10	10.50	6.33	2.00	10	22.14	28.49	9.01	10	15.67	9.27	2.93	3	16.10	5.83	3.37

Animal E109

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	257.21	102.14	32.30	10	108.07	50.57	15.99	10	160.22	104.45	33.03	3	175.16	75.68	43.70
	2	10	95.09	46.79	14.80	10	117.26	59.21	18.72	10	116.10	62.08	19.63	3	109.48	12.48	7.21
	3	10	78.86	41.26	13.05	10	68.15	20.93	6.62	10	91.82	85.71	27.10	3	79.61	11.85	6.84
	4	10	96.52	53.97	17.07	10	84.35	45.17	14.28	10	89.35	55.63	17.59	3	90.07	6.12	3.53
	5	10	66.67	31.40	9.93	10	95.24	26.34	8.33	10	153.17	28.74	9.09	3	105.03	44.07	25.45
	6	10	49.88	35.57	11.25	10	70.65	58.10	18.37	10	74.27	15.84	5.01	3	64.93	13.16	7.60
	7	10	79.69	59.53	18.83	10	109.61	36.00	11.39	10	112.04	29.21	9.24	3	100.45	18.01	10.40
	8	10	1.11	1.14	0.36	10	1.52	1.07	0.34	10	1.36	0.53	0.17	3	1.33	0.21	0.12
	9	10	594.35	149.58	47.30	10	473.06	120.87	38.22	10	610.66	292.43	92.48	3	559.36	75.17	43.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	229.74	110.35	34.90	10	99.17	35.40	11.19	10	197.22	132.64	41.94	3	175.38	67.97	39.24
	2	10	95.93	45.57	14.41	10	102.04	47.81	15.12	10	100.07	49.24	15.57	3	99.35	3.12	1.80
	3	10	72.52	35.68	11.28	10	56.08	17.18	5.43	10	77.24	69.86	22.09	3	68.62	11.11	6.41
	4	10	100.97	65.67	20.77	10	69.39	26.83	8.49	10	62.66	39.50	12.49	3	77.67	20.45	11.81
	5	10	167.77	77.23	24.42	10	103.70	24.47	7.74	10	86.56	23.17	7.33	3	119.35	42.81	24.71
	6	10	92.37	27.00	8.54	10	76.03	30.59	9.67	10	40.59	19.79	6.26	3	69.66	26.47	15.28
	7	10	161.26	41.52	13.13	10	106.24	26.69	8.44	10	50.75	7.62	2.41	3	106.08	55.26	31.90
	8	10	1.69	0.77	0.24	10	1.01	0.67	0.21	10	0.68	0.56	0.18	3	1.13	0.52	0.30
	9	10	666.93	196.70	62.20	10	430.39	66.09	20.90	10	523.75	288.70	91.30	3	540.36	119.14	68.79

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	95.04	55.01	17.40	10	37.43	26.24	8.30	10	82.00	33.66	10.64	3	71.49	30.21	17.44
	2	10	41.47	23.08	7.30	10	22.63	14.08	4.45	10	39.00	21.95	6.94	3	34.37	10.24	5.91
	3	10	37.50	20.91	6.61	10	27.45	12.61	3.99	10	38.09	30.39	9.61	3	34.35	5.98	3.45
	4	10	34.44	24.87	7.86	10	33.28	12.71	4.02	10	33.08	15.07	4.77	3	33.60	0.74	0.42
	5	10	17.34	10.37	3.28	10	14.93	6.22	1.97	10	16.28	6.37	2.01	3	16.18	1.21	0.70
	6	10	11.43	10.16	3.21	10	7.79	5.28	1.67	10	7.25	3.52	1.11	3	8.82	2.27	1.31
	7	10	35.11	52.08	16.47	10	22.42	10.81	3.42	10	14.48	8.65	2.74	3	24.00	10.41	6.01
	8	10	0.72	1.09	0.34	10	0.62	0.40	0.13	10	0.50	0.55	0.17	3	0.61	0.11	0.06
	9	10	225.78	74.88	23.68	10	135.72	42.41	13.41	10	208.45	65.90	20.84	3	189.99	47.78	27.59

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	74.36	35.50	11.22	10	40.23	16.65	5.26	10	46.60	32.86	10.39	3	53.73	18.15	10.48
	2	10	37.41	14.51	4.59	10	23.46	12.03	3.80	10	41.02	32.25	10.20	3	33.96	9.27	5.35
	3	10	37.56	23.62	7.47	10	36.45	13.44	4.25	10	37.46	29.98	9.48	3	37.16	0.62	0.36
	4	10	30.66	18.76	5.93	10	32.36	13.94	4.41	10	31.62	12.34	3.90	3	31.54	0.85	0.49
	5	10	15.22	7.01	2.22	10	13.84	5.97	1.89	10	15.40	2.96	0.94	3	14.82	0.85	0.49
	6	10	8.07	5.77	1.82	10	6.91	5.09	1.61	10	6.66	2.25	0.71	3	7.21	0.75	0.43
	7	10	19.84	17.18	5.43	10	20.94	24.20	7.65	10	16.29	8.99	2.84	3	19.02	2.43	1.40
	8	10	0.40	0.72	0.23	10	0.73	1.26	0.40	10	0.59	0.77	0.24	3	0.57	0.17	0.10
	9	10	195.21	66.14	20.91	10	146.33	36.37	11.50	10	172.10	94.15	29.77	3	171.21	24.45	14.12

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.45	0.60	0.19	7	2.50	0.76	0.29	9	2.06	0.58	0.19	3	2.34	0.24	0.14
	2	10	5.40	0.84	0.27	8	5.56	0.98	0.35	10	5.65	0.91	0.29	3	5.54	0.13	0.07
	3	10	11.20	1.34	0.42	10	10.15	1.20	0.38	10	11.15	0.91	0.29	3	10.83	0.59	0.34
	4	10	15.25	1.32	0.42	10	15.35	1.49	0.47	10	15.45	1.26	0.40	3	15.35	0.10	0.06
	5	10	21.05	2.17	0.68	10	22.30	1.62	0.51	10	21.05	1.50	0.47	3	21.47	0.72	0.42
	9	10	2.90	1.26	0.40	10	6.75	5.80	1.84	10	4.70	6.92	2.19	3	4.78	1.93	1.11

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.35	0.58	0.18	8	2.50	0.76	0.27	10	1.80	0.35	0.11	3	2.22	0.37	0.21
	2	9	5.89	1.24	0.41	9	5.83	1.09	0.36	10	5.75	0.89	0.28	3	5.82	0.07	0.04
	3	10	11.35	1.25	0.39	10	10.45	1.23	0.39	10	10.80	1.38	0.44	3	10.87	0.45	0.26
	4	10	15.98	1.40	0.44	10	15.65	1.53	0.48	9	15.17	1.17	0.39	3	15.60	0.41	0.23
	5	10	22.05	1.74	0.55	10	21.70	1.49	0.47	10	22.95	1.57	0.50	3	22.23	0.64	0.37
	9	10	6.90	8.92	2.82	10	5.85	6.25	1.98	10	1.80	0.35	0.11	3	4.85	2.69	1.55

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	8	2.12	0.88	0.31	7	2.79	0.70	0.26	8	2.75	0.80	0.28	3	2.55	0.37	0.21
	2	10	5.85	1.03	0.33	9	5.78	1.00	0.33	10	5.70	0.79	0.25	3	5.78	0.08	0.04
	3	10	10.35	1.68	0.53	10	10.60	1.22	0.39	9	10.67	1.68	0.56	3	10.54	0.17	0.10
	4	10	15.40	0.91	0.29	10	15.05	1.26	0.40	8	15.00	1.20	0.42	3	15.15	0.22	0.13
	5	10	21.05	1.76	0.56	10	21.05	1.82	0.57	10	20.90	2.11	0.67	3	21.00	0.09	0.05
	9	10	4.10	3.65	1.15	10	9.15	5.61	1.77	10	6.05	4.80	1.52	3	6.43	2.55	1.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.52	0.16	9	2.44	0.81	0.27	10	2.45	0.76	0.24	3	2.33	0.20	0.12
	2	10	6.55	0.69	0.22	10	6.05	0.76	0.24	9	5.78	1.09	0.36	3	6.13	0.39	0.23
	3	10	10.60	1.41	0.45	9	10.78	1.15	0.38	10	11.25	1.34	0.42	3	10.88	0.34	0.19
	4	10	14.95	1.12	0.35	10	15.45	1.54	0.49	9	14.50	0.83	0.28	3	14.97	0.48	0.27
	5	10	20.90	2.04	0.64	10	21.25	1.40	0.44	10	21.45	1.92	0.61	3	21.20	0.28	0.16
	9	10	3.15	3.33	1.05	10	5.25	4.47	1.41	10	5.10	4.07	1.29	3	4.50	1.17	0.68

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.21	0.32	0.10	10	2.23	0.21	0.07	10	2.10	0.23	0.07	3	2.18	0.07	0.04
	2	10	5.52	0.25	0.08	10	5.32	0.27	0.09	10	5.38	0.24	0.08	3	5.41	0.10	0.06
	3	10	10.38	0.25	0.08	10	10.33	0.32	0.10	10	10.43	0.45	0.14	3	10.38	0.05	0.03
	4	10	15.06	0.39	0.12	10	15.09	0.38	0.12	10	15.14	0.30	0.09	3	15.10	0.04	0.02
	5	10	21.07	0.58	0.18	10	21.53	0.70	0.22	10	21.24	0.47	0.15	3	21.28	0.23	0.13
	9	10	7.96	1.51	0.48	10	10.48	1.39	0.44	10	11.02	1.29	0.41	3	9.82	1.63	0.94

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.14	0.33	0.11	10	2.16	0.21	0.07	10	2.00	0.15	0.05	3	2.10	0.09	0.05
	2	10	5.39	0.41	0.13	10	5.41	0.34	0.11	10	5.36	0.35	0.11	3	5.39	0.02	0.01
	3	10	10.47	0.40	0.13	10	10.34	0.41	0.13	10	10.34	0.57	0.18	3	10.38	0.08	0.05
	4	10	15.24	0.38	0.12	10	14.97	0.49	0.16	10	14.82	0.47	0.15	3	15.01	0.21	0.12
	5	10	21.67	0.53	0.17	10	21.42	0.43	0.14	10	21.69	0.36	0.11	3	21.59	0.15	0.09
	9	10	10.41	2.33	0.74	10	10.81	1.33	0.42	10	8.93	0.98	0.31	3	10.05	0.99	0.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.96	0.27	0.09	10	2.04	0.23	0.07	10	1.93	0.24	0.08	3	1.97	0.06	0.03
	2	10	5.51	0.31	0.10	10	5.38	0.28	0.09	10	5.58	0.37	0.12	3	5.49	0.10	0.06
	3	10	10.42	0.51	0.16	10	10.47	0.39	0.12	10	10.58	0.46	0.15	3	10.49	0.08	0.05
	4	10	14.93	0.28	0.09	10	14.82	0.44	0.14	10	14.27	0.51	0.16	3	14.67	0.35	0.20
	5	10	20.75	0.48	0.15	10	20.96	0.23	0.07	10	20.99	0.52	0.17	3	20.90	0.13	0.08
	9	10	7.60	2.44	0.77	10	9.85	1.57	0.50	10	7.72	1.61	0.51	3	8.39	1.26	0.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.06	0.21	0.07	10	2.23	0.29	0.09	10	2.25	0.22	0.07	3	2.18	0.11	0.06
	2	10	5.76	0.27	0.09	10	5.47	0.49	0.16	10	5.41	0.30	0.10	3	5.55	0.19	0.11
	3	10	10.34	0.39	0.12	10	10.46	0.59	0.19	10	10.49	0.33	0.10	3	10.43	0.08	0.05
	4	10	14.69	0.41	0.13	10	14.83	0.53	0.17	10	14.53	0.34	0.11	3	14.69	0.15	0.08
	5	10	20.82	0.37	0.12	10	20.79	0.71	0.22	10	21.00	0.57	0.18	3	20.87	0.11	0.07
	9	10	7.82	1.34	0.42	10	9.40	0.99	0.31	10	9.13	1.43	0.45	3	8.78	0.85	0.49

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	43.24	14.64	4.63	10	22.23	7.27	2.30	10	25.12	6.50	2.05	3	30.20	11.39	6.58
	2	10	16.24	7.07	2.24	10	24.27	9.17	2.90	10	19.66	9.46	2.99	3	20.06	4.03	2.33
	3	10	13.59	7.08	2.24	10	14.83	4.40	1.39	10	13.47	3.94	1.24	3	13.96	0.75	0.44
	4	10	15.79	6.14	1.94	10	17.73	7.40	2.34	10	14.15	4.69	1.48	3	15.89	1.79	1.04
	5	10	11.14	3.86	1.22	10	20.94	7.08	2.24	10	27.59	7.90	2.50	3	19.89	8.27	4.78

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	34.40	15.46	4.89	10	22.88	6.75	2.13	10	36.18	5.49	1.74	3	31.15	7.22	4.17
	2	10	14.55	5.62	1.78	10	23.11	7.77	2.46	10	19.91	5.96	1.88	3	19.19	4.32	2.50
	3	10	10.83	3.77	1.19	10	13.02	3.79	1.20	10	13.74	4.00	1.27	3	12.53	1.52	0.87
	4	10	14.66	6.30	1.99	10	16.09	5.27	1.67	10	11.97	4.78	1.51	3	14.24	2.09	1.21
	5	10	25.56	9.25	2.92	10	24.91	7.72	2.44	10	18.21	4.51	1.43	3	22.89	4.07	2.35

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	41.54	17.80	5.63	10	25.88	11.19	3.54	10	39.86	13.44	4.25	3	35.76	8.60	4.96
	2	10	17.59	5.12	1.62	10	15.57	5.51	1.74	10	18.26	6.89	2.18	3	17.14	1.40	0.81
	3	10	16.75	8.35	2.64	10	21.03	8.52	2.69	10	17.15	7.32	2.32	3	18.31	2.36	1.36
	4	10	15.77	9.18	2.90	10	26.29	11.88	3.76	10	16.11	5.75	1.82	3	19.39	5.98	3.45
	5	10	8.35	6.38	2.02	10	11.23	3.66	1.16	10	8.61	4.51	1.43	3	9.40	1.59	0.92

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	38.53	12.12	3.83	10	27.13	8.50	2.69	10	26.26	10.98	3.47	3	30.64	6.84	3.95
	2	10	19.34	5.52	1.75	10	15.76	6.51	2.06	10	21.99	7.34	2.32	3	19.03	3.13	1.80
	3	10	18.39	8.49	2.69	10	25.37	9.11	2.88	10	21.03	6.31	2.00	3	21.60	3.53	2.04
	4	10	15.12	6.69	2.12	10	22.02	8.28	2.62	10	19.97	6.29	1.99	3	19.04	3.54	2.05
	5	10	8.63	4.59	1.45	10	9.72	3.64	1.15	10	10.74	4.38	1.39	3	9.70	1.06	0.61

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	198.96	65.10	20.59	10	272.95	124.62	39.41	10	126.26	53.99	17.07	3	199.39	73.35	42.35
	2	10	108.06	45.63	14.43	10	122.26	38.49	12.17	10	97.17	37.69	11.92	3	109.16	12.58	7.26
	3	10	61.73	32.37	10.24	10	83.71	30.40	9.61	10	45.73	15.67	4.95	3	63.72	19.07	11.01
	4	10	56.76	30.34	9.59	10	76.99	20.86	6.60	10	71.82	33.49	10.59	3	68.53	10.51	6.07
	5	10	55.23	21.86	6.91	10	44.73	14.54	4.60	10	96.35	57.71	18.25	3	65.44	27.28	15.75
	6	10	21.23	15.96	5.05	10	14.19	6.45	2.04	10	27.70	17.05	5.39	3	21.04	6.76	3.90
	7	10	63.32	42.84	13.55	10	38.35	7.64	2.42	10	110.69	65.15	20.60	3	70.79	36.75	21.22
	8	10	0.21	0.37	0.12	10	0.00	0.00	0.00	10	0.58	0.48	0.15	3	0.26	0.29	0.17
	9	10	480.74	114.36	36.17	10	600.64	184.56	58.36	10	437.33	103.77	32.82	3	506.24	84.59	48.84
300-Minute	1	10	27.90	4.76	1.50	10	34.97	16.37	5.18	10	31.29	16.22	5.13	3	31.39	3.53	2.04
	2	10	14.54	3.61	1.14	10	18.51	9.62	3.04	10	14.91	6.19	1.96	3	15.98	2.19	1.27
	3	10	23.83	11.53	3.65	10	20.30	10.47	3.31	10	16.55	4.56	1.44	3	20.22	3.64	2.10
	4	10	79.12	25.95	8.21	10	58.29	42.54	13.45	10	29.13	7.60	2.40	3	55.52	25.11	14.50
	5	10	65.18	41.01	12.97	10	69.38	27.54	8.71	10	51.24	8.26	2.61	3	61.93	9.49	5.48
	6	10	95.46	55.48	17.54	10	50.36	35.55	11.24	10	45.69	21.41	6.77	3	63.84	27.49	15.87
	7	10	196.83	29.45	9.31	10	178.15	48.31	15.28	10	120.23	35.40	11.19	3	165.07	39.94	23.06
	8	10	1.99	0.88	0.28	10	1.51	0.87	0.27	10	1.17	0.83	0.26	3	1.55	0.41	0.24
	9	10	210.56	56.76	17.95	10	201.44	45.38	14.35	10	143.12	24.05	7.60	3	185.04	36.59	21.12
600-Minute	1	10	17.68	8.82	2.79	10	43.41	21.39	6.77	10	36.10	28.13	8.89	3	32.40	13.26	7.65
	2	10	13.29	6.32	2.00	10	14.05	7.16	2.26	10	16.25	7.16	2.26	3	14.53	1.54	0.89
	3	10	21.06	9.90	3.13	10	24.43	11.23	3.55	10	15.10	9.94	3.14	3	20.20	4.72	2.73
	4	10	77.80	35.29	11.16	10	43.56	20.87	6.60	10	42.00	25.26	7.99	3	54.45	20.24	11.68
	5	10	81.76	42.46	13.43	10	66.01	42.31	13.38	10	100.57	22.64	7.16	3	82.78	17.30	9.99
	6	10	104.68	62.84	19.87	10	49.49	24.08	7.62	10	69.38	44.40	14.04	3	74.51	27.95	16.14
	7	10	201.01	81.59	25.80	10	133.44	65.49	20.71	10	177.08	61.34	19.40	3	170.51	34.26	19.78
	8	10	1.28	0.71	0.23	10	1.15	0.90	0.28	10	2.32	1.71	0.54	3	1.58	0.64	0.37
	9	10	211.59	63.81	20.18	10	191.47	60.39	19.10	10	210.02	45.75	14.47	3	204.36	11.19	6.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	165.14	41.41	13.09	10	197.08	91.80	29.03	10	157.18	70.17	22.19	3	173.13	21.12	12.19
	2	10	86.69	32.66	10.33	10	109.52	42.30	13.38	10	79.46	29.43	9.31	3	91.89	15.69	9.06
	3	10	56.20	26.20	8.29	10	61.53	30.92	9.78	10	40.50	16.21	5.13	3	52.74	10.93	6.31
	4	10	30.46	21.61	6.83	10	47.15	18.49	5.85	10	36.91	13.97	4.42	3	38.17	8.42	4.86
	5	10	18.87	6.60	2.09	10	19.39	9.05	2.86	10	20.32	10.04	3.18	3	19.53	0.73	0.42
	6	10	9.07	5.28	1.67	10	8.05	2.85	0.90	10	9.59	4.60	1.46	3	8.90	0.78	0.45
	7	10	20.09	12.04	3.81	10	14.91	4.01	1.27	10	28.31	10.93	3.46	3	21.11	6.76	3.90
	8	10	0.07	0.16	0.05	10	0.05	0.11	0.04	10	0.19	0.22	0.07	3	0.11	0.08	0.04
	9	10	357.37	79.02	24.99	10	434.67	164.43	52.00	10	334.36	95.26	30.12	3	375.47	52.55	30.34
300-Minute	1	10	27.49	14.60	4.62	10	24.22	8.14	2.57	10	24.58	10.43	3.30	3	25.43	1.79	1.03
	2	10	12.85	5.86	1.85	10	12.63	4.12	1.30	10	13.66	10.34	3.27	3	13.05	0.54	0.31
	3	10	17.60	4.87	1.54	10	17.68	10.88	3.44	10	13.77	5.85	1.85	3	16.35	2.23	1.29
	4	10	67.83	20.47	6.47	10	46.78	32.57	10.30	10	25.56	7.44	2.35	3	46.72	21.14	12.20
	5	10	55.70	33.80	10.69	10	57.00	25.63	8.11	10	41.32	9.52	3.01	3	51.34	8.70	5.02
	6	10	78.71	42.82	13.54	10	45.80	34.72	10.98	10	41.07	19.53	6.18	3	55.19	20.50	11.84
	7	10	169.72	27.74	8.77	10	143.51	45.59	14.42	10	110.13	38.23	12.09	3	141.12	29.87	17.24
	8	10	1.64	0.60	0.19	10	1.36	0.85	0.27	10	1.17	0.85	0.27	3	1.39	0.24	0.14
	9	10	181.47	53.72	16.99	10	158.31	41.36	13.08	10	118.89	28.72	9.08	3	152.89	31.64	18.27
600-Minute	1	10	15.31	6.30	1.99	10	28.44	12.39	3.92	10	25.44	13.96	4.41	3	23.06	6.88	3.97
	2	10	12.41	3.03	0.96	10	15.33	7.80	2.47	10	17.10	7.18	2.27	3	14.95	2.37	1.37
	3	10	19.58	10.92	3.45	10	21.91	11.91	3.77	10	12.60	7.33	2.32	3	18.03	4.85	2.80
	4	10	73.95	34.75	10.99	10	35.88	17.51	5.54	10	31.09	21.07	6.66	3	46.97	23.48	13.56
	5	10	69.49	34.58	10.93	10	51.79	32.72	10.35	10	79.11	16.98	5.37	3	66.80	13.86	8.00
	6	10	94.03	61.57	19.47	10	42.48	23.38	7.39	10	57.83	33.52	10.60	3	64.78	26.47	15.28
	7	10	172.86	69.97	22.13	10	104.14	44.38	14.04	10	140.24	61.06	19.31	3	139.08	34.37	19.84
	8	10	0.96	0.54	0.17	10	0.83	0.63	0.20	10	1.73	1.37	0.43	3	1.18	0.49	0.28
	9	10	190.73	65.18	20.61	10	153.36	53.74	16.99	10	165.34	42.10	13.31	3	169.81	19.08	11.02

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	87.86	36.06	11.40	10	79.68	43.64	13.80	10	59.80	30.48	9.64	3	75.78	14.43	8.33
	2	10	35.58	13.31	4.21	10	43.86	20.03	6.34	10	37.22	21.24	6.72	3	38.88	4.38	2.53
	3	10	26.14	20.05	6.34	10	32.19	16.83	5.32	10	19.31	11.66	3.69	3	25.88	6.44	3.72
	4	10	18.98	6.93	2.19	10	26.75	9.32	2.95	10	13.20	7.23	2.29	3	19.64	6.80	3.92
	5	10	10.50	5.19	1.64	10	11.51	4.98	1.57	10	7.93	2.15	0.68	3	9.98	1.84	1.07
	6	10	4.00	2.23	0.71	10	4.90	2.18	0.69	10	3.99	1.38	0.44	3	4.30	0.52	0.30
	7	10	8.16	4.45	1.41	10	11.79	9.15	2.89	10	6.73	1.59	0.50	3	8.89	2.61	1.51
	8	10	0.00	0.00	0.00	10	0.07	0.23	0.07	10	0.02	0.08	0.02	3	0.03	0.04	0.02
	9	10	179.06	53.14	16.81	10	193.99	59.67	18.87	10	137.47	62.43	19.74	3	170.17	29.29	16.91
300-Minute	1	10	72.50	35.48	11.22	10	94.44	48.40	15.30	10	87.48	34.67	10.96	3	84.81	11.21	6.47
	2	10	38.03	14.96	4.73	10	34.02	17.88	5.65	10	40.56	18.98	6.00	3	37.54	3.30	1.90
	3	10	41.57	13.31	4.21	10	37.34	16.91	5.35	10	31.01	8.56	2.71	3	36.64	5.32	3.07
	4	10	112.13	43.17	13.65	10	75.62	40.01	12.65	10	45.69	12.99	4.11	3	77.81	33.27	19.21
	5	10	101.91	43.34	13.71	10	91.50	36.28	11.47	10	74.36	10.56	3.34	3	89.26	13.91	8.03
	6	10	124.15	74.82	23.66	10	69.99	52.97	16.75	10	66.60	26.52	8.39	3	86.91	32.29	18.64
	7	10	272.76	39.23	12.41	10	228.17	63.25	20.00	10	177.27	70.70	22.36	3	226.07	47.78	27.58
	8	10	2.82	2.33	0.74	10	2.35	1.49	0.47	10	2.03	1.61	0.51	3	2.40	0.40	0.23
	9	10	366.15	91.38	28.90	10	332.92	48.00	15.18	10	279.11	39.03	12.34	3	326.06	43.93	25.36
600-Minute	1	10	64.78	34.54	10.92	10	85.77	26.87	8.50	10	97.45	52.05	16.46	3	82.66	16.55	9.56
	2	10	30.12	12.12	3.83	10	36.24	20.02	6.33	10	37.67	12.72	4.02	3	34.68	4.01	2.32
	3	10	30.42	11.68	3.69	10	42.25	17.17	5.43	10	26.51	16.52	5.22	3	33.06	8.20	4.73
	4	10	102.96	40.86	12.92	10	62.97	26.71	8.45	10	52.16	29.28	9.26	3	72.70	26.76	15.45
	5	10	107.34	50.88	16.09	10	89.36	51.55	16.30	10	144.32	24.12	7.63	3	113.67	28.02	16.18
	6	10	136.78	78.82	24.92	10	70.38	31.91	10.09	10	114.55	108.75	34.39	3	107.24	33.80	19.51
	7	10	257.27	105.80	33.46	10	174.11	71.62	22.65	10	234.19	72.36	22.88	3	221.85	42.93	24.79
	8	10	1.83	1.43	0.45	10	1.22	0.96	0.30	10	2.72	2.07	0.66	3	1.92	0.75	0.43
	9	10	335.62	89.05	28.16	10	316.59	86.54	27.37	10	358.10	56.79	17.96	3	336.77	20.78	12.00

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	66.46	30.01	9.49	10	40.90	21.24	6.72	10	51.93	29.40	9.30	3	53.10	12.82	7.40
	2	10	36.46	15.10	4.78	10	44.58	24.26	7.67	10	27.32	17.28	5.46	3	36.12	8.63	4.98
	3	10	33.13	37.40	11.83	10	31.87	15.55	4.92	10	21.52	16.08	5.08	3	28.84	6.37	3.68
	4	10	18.10	9.74	3.08	10	24.15	10.01	3.17	10	14.95	10.59	3.35	3	19.07	4.68	2.70
	5	10	9.12	4.51	1.43	10	9.11	3.17	1.00	10	8.26	2.84	0.90	3	8.83	0.50	0.29
	6	10	3.55	1.74	0.55	10	3.51	1.37	0.43	10	3.28	1.51	0.48	3	3.45	0.14	0.08
	7	10	5.25	3.19	1.01	10	5.37	1.83	0.58	10	8.68	3.35	1.06	3	6.43	1.95	1.12
	8	10	0.00	0.00	0.00	10	0.02	0.04	0.01	10	0.03	0.07	0.02	3	0.02	0.02	0.01
	9	10	163.27	62.21	19.67	10	150.61	58.75	18.58	10	123.97	63.52	20.09	3	145.95	20.06	11.58
300-Minute	1	10	86.74	41.21	13.03	10	120.32	54.39	17.20	10	101.69	40.14	12.69	3	102.92	16.83	9.72
	2	10	35.49	15.57	4.93	10	43.87	19.60	6.20	10	38.75	9.48	3.00	3	39.37	4.22	2.44
	3	10	36.88	11.52	3.64	10	42.46	18.76	5.93	10	29.54	7.01	2.22	3	36.29	6.48	3.74
	4	10	119.29	44.12	13.95	10	80.47	47.43	15.00	10	44.41	12.13	3.84	3	81.39	37.45	21.62
	5	10	99.50	37.27	11.79	10	104.64	40.93	12.94	10	77.54	17.08	5.40	3	93.90	14.39	8.31
	6	10	123.31	66.08	20.90	10	72.11	45.40	14.36	10	79.81	28.29	8.95	3	91.74	27.61	15.94
	7	10	268.42	33.93	10.73	10	240.53	61.83	19.55	10	184.09	57.38	18.14	3	231.01	42.96	24.80
	8	10	2.64	1.97	0.62	10	1.62	0.94	0.30	10	1.78	1.03	0.33	3	2.02	0.55	0.32
	9	10	377.91	81.37	25.73	10	391.76	55.06	17.41	10	291.93	52.93	16.74	3	353.87	54.08	31.22
600-Minute	1	10	68.53	45.84	14.49	10	110.26	47.15	14.91	10	102.95	31.06	9.82	3	93.91	22.28	12.87
	2	10	40.24	25.30	8.00	10	36.83	19.67	6.22	10	39.60	9.41	2.98	3	38.89	1.81	1.05
	3	10	36.17	14.99	4.74	10	45.95	18.41	5.82	10	31.85	22.40	7.08	3	37.99	7.23	4.17
	4	10	107.26	44.99	14.23	10	66.92	31.25	9.88	10	56.60	31.20	9.87	3	76.93	26.77	15.46
	5	10	103.25	46.43	14.68	10	89.50	50.96	16.12	10	143.74	12.11	3.83	3	112.16	28.19	16.28
	6	10	137.35	77.29	24.44	10	73.77	33.42	10.57	10	111.04	100.29	31.71	3	107.39	31.95	18.45
	7	10	265.62	103.03	32.58	10	185.74	66.64	21.07	10	242.30	79.45	25.12	3	231.22	41.08	23.72
	8	10	1.50	0.59	0.19	10	1.53	0.81	0.26	10	2.58	1.67	0.53	3	1.87	0.61	0.35
	9	10	355.45	140.34	44.38	10	349.46	130.33	41.22	10	374.74	58.99	18.66	3	359.88	13.21	7.62

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
90-Minute	1	8	2.31	0.80	0.28	9	2.33	0.79	0.26	8	2.25	0.65	0.23	3	2.30	0.04	0.03
	2	9	6.28	1.09	0.36	8	5.94	0.82	0.29	10	6.40	0.77	0.24	3	6.21	0.24	0.14
	3	10	10.40	1.37	0.43	10	10.10	1.31	0.41	10	10.70	1.16	0.37	3	10.40	0.30	0.17
	4	10	15.85	1.23	0.39	10	15.45	1.50	0.47	9	15.50	1.27	0.42	3	15.60	0.22	0.13
	5	10	20.50	1.27	0.40	10	19.95	0.64	0.20	10	19.65	1.06	0.33	3	20.03	0.43	0.25
	9	10	3.75	3.21	1.01	10	3.75	2.97	0.94	10	7.60	7.71	2.44	3	5.03	2.22	1.28
300-Minute	1	9	1.83	0.66	0.22	6	2.50	0.84	0.34	7	2.93	0.35	0.13	3	2.42	0.55	0.32
	2	10	6.15	1.00	0.32	9	5.61	0.60	0.20	10	5.80	1.01	0.32	3	5.85	0.27	0.16
	3	10	11.05	0.98	0.31	9	10.44	1.10	0.37	10	10.95	1.09	0.35	3	10.81	0.32	0.19
	4	10	15.70	1.18	0.37	9	16.44	0.92	0.31	10	15.65	1.20	0.38	3	15.93	0.44	0.26
	5	10	21.20	1.92	0.61	10	21.10	2.07	0.65	10	21.92	2.08	0.66	3	21.41	0.45	0.26
	9	10	15.30	5.01	1.58	10	17.20	5.46	1.73	10	18.87	5.75	1.82	3	17.12	1.79	1.03
600-Minute	1	9	2.33	0.50	0.17	7	2.43	1.02	0.38	7	2.36	0.94	0.36	3	2.37	0.05	0.03
	2	8	6.12	1.22	0.43	10	5.75	0.79	0.25	9	6.17	0.75	0.25	3	6.01	0.23	0.13
	3	9	10.39	1.22	0.41	8	11.88	1.03	0.36	10	11.33	1.26	0.40	3	11.20	0.75	0.43
	4	9	15.50	1.15	0.38	10	15.55	1.21	0.38	10	15.25	0.89	0.28	3	15.43	0.16	0.09
	5	10	21.95	2.34	0.74	10	22.75	1.23	0.39	10	21.25	1.81	0.57	3	21.98	0.75	0.43
	9	10	18.70	4.45	1.41	10	15.80	8.33	2.63	10	18.75	6.49	2.05	3	17.75	1.69	0.98

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	9	2.67	0.71	0.24	8	2.44	0.82	0.29	10	2.40	0.70	0.22	3	2.50	0.14	0.08
	2	8	6.12	1.03	0.36	10	6.10	1.15	0.36	10	6.15	1.13	0.36	3	6.12	0.03	0.01
	3	9	10.22	1.15	0.38	9	10.00	1.27	0.42	10	10.55	1.62	0.51	3	10.26	0.28	0.16
	4	9	15.28	1.56	0.52	9	15.00	1.06	0.35	9	15.50	1.32	0.44	3	15.26	0.25	0.14
	5	10	19.90	1.65	0.52	10	20.50	1.60	0.51	10	20.55	1.59	0.50	3	20.32	0.36	0.21
	9	10	3.00	0.82	0.26	10	3.25	1.44	0.45	10	2.75	0.95	0.30	3	3.00	0.25	0.14
300-Minute	1	10	2.25	0.68	0.21	10	2.45	0.50	0.16	9	2.39	0.86	0.29	3	2.36	0.10	0.06
	2	10	6.30	0.75	0.24	10	5.70	0.79	0.25	10	5.60	1.15	0.36	3	5.87	0.38	0.22
	3	9	11.22	0.83	0.28	10	11.50	1.13	0.36	10	10.75	1.23	0.39	3	11.16	0.38	0.22
	4	10	15.55	1.07	0.34	10	15.80	1.23	0.39	10	15.75	1.50	0.47	3	15.70	0.13	0.08
	5	10	21.28	1.77	0.56	10	20.80	1.75	0.55	10	21.85	2.17	0.69	3	21.31	0.53	0.30
	9	10	15.55	5.17	1.64	10	13.25	8.14	2.57	10	15.10	9.03	2.85	3	14.63	1.22	0.70
600-Minute	1	9	2.28	0.67	0.22	8	2.62	0.83	0.30	9	2.11	0.70	0.23	3	2.34	0.26	0.15
	2	8	5.94	1.05	0.37	8	5.81	0.88	0.31	9	5.72	0.94	0.31	3	5.82	0.11	0.06
	3	9	11.33	0.79	0.26	9	10.89	1.54	0.51	10	10.90	1.45	0.46	3	11.04	0.25	0.15
	4	10	15.80	1.18	0.37	9	15.50	1.54	0.51	10	16.05	1.09	0.35	3	15.78	0.28	0.16
	5	10	21.70	2.37	0.75	10	22.55	1.96	0.62	10	21.30	1.86	0.59	3	21.85	0.64	0.37
	9	10	18.00	4.31	1.36	10	11.35	7.70	2.44	10	20.90	2.11	0.67	3	16.75	4.90	2.83

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	8	2.19	0.59	0.21	8	2.37	0.88	0.31	9	2.33	0.66	0.22	3	2.30	0.10	0.06
	2	9	6.00	0.94	0.31	9	5.83	1.03	0.34	10	5.75	1.03	0.33	3	5.86	0.13	0.07
	3	10	10.20	1.16	0.37	10	10.55	1.19	0.38	10	10.85	1.42	0.45	3	10.53	0.33	0.19
	4	10	14.95	1.14	0.36	10	14.90	1.05	0.33	10	15.45	1.19	0.38	3	15.10	0.30	0.18
	5	10	21.05	1.82	0.57	10	22.00	1.56	0.49	10	22.10	2.26	0.71	3	21.72	0.58	0.33
	9	10	3.25	2.70	0.85	10	3.75	1.95	0.62	10	3.05	1.66	0.52	3	3.35	0.36	0.21
300-Minute	1	7	2.29	0.76	0.29	8	2.25	0.76	0.27	10	2.35	0.75	0.24	3	2.30	0.05	0.03
	2	9	6.00	0.75	0.25	8	6.12	1.13	0.40	10	5.70	0.75	0.24	3	5.94	0.22	0.13
	3	10	10.20	1.21	0.38	10	10.45	1.23	0.39	10	10.15	1.45	0.46	3	10.27	0.16	0.09
	4	10	15.75	1.16	0.37	8	15.94	1.40	0.49	10	15.20	1.27	0.40	3	15.63	0.38	0.22
	5	10	20.65	1.62	0.51	10	20.95	2.09	0.66	10	22.00	2.12	0.67	3	21.20	0.71	0.41
	9	10	14.55	4.84	1.53	10	9.40	7.94	2.51	10	2.35	0.75	0.24	3	8.77	6.12	3.54
600-Minute	1	8	1.81	0.46	0.16	6	2.58	0.74	0.30	8	2.56	0.94	0.33	3	2.32	0.44	0.25
	2	10	5.50	0.94	0.30	9	6.00	1.00	0.33	10	6.60	0.88	0.28	3	6.03	0.55	0.32
	3	10	10.70	1.23	0.39	10	10.90	1.41	0.45	10	11.45	1.19	0.38	3	11.02	0.39	0.22
	4	9	15.44	1.16	0.39	9	15.67	1.15	0.38	10	15.80	1.11	0.35	3	15.64	0.18	0.10
	5	10	21.70	2.57	0.81	10	21.80	1.77	0.56	10	21.75	2.15	0.68	3	21.75	0.05	0.03
	9	10	14.00	7.36	2.33	10	11.00	9.00	2.85	10	13.00	9.69	3.07	3	12.67	1.53	0.88

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	9	2.78	0.71	0.24	9	2.67	0.66	0.22	9	2.50	0.90	0.30	3	2.65	0.14	0.08
	2	10	5.90	0.81	0.26	10	5.75	1.11	0.35	10	5.90	0.84	0.27	3	5.85	0.09	0.05
	3	10	10.20	1.18	0.37	10	10.65	1.18	0.37	10	10.80	1.58	0.50	3	10.55	0.31	0.18
	4	10	14.85	0.85	0.27	10	14.90	1.35	0.43	10	15.50	1.31	0.41	3	15.08	0.36	0.21
	5	10	21.35	2.00	0.63	10	21.65	1.33	0.42	10	20.20	1.21	0.38	3	21.07	0.77	0.44
	9	10	4.70	3.54	1.12	10	4.35	1.94	0.61	10	4.10	3.96	1.25	3	4.38	0.30	0.17
300-Minute	1	7	1.86	0.38	0.14	10	2.45	0.72	0.23	9	2.50	0.66	0.22	3	2.27	0.36	0.21
	2	10	6.20	0.71	0.23	9	5.89	1.05	0.35	10	6.00	0.91	0.29	3	6.03	0.16	0.09
	3	10	10.70	1.14	0.36	10	11.05	1.09	0.35	10	10.65	1.23	0.39	3	10.80	0.22	0.13
	4	10	15.95	0.93	0.29	9	15.78	1.20	0.40	10	15.25	1.53	0.48	3	15.66	0.36	0.21
	5	10	21.00	1.76	0.56	10	20.80	1.84	0.58	10	22.00	1.96	0.62	3	21.27	0.64	0.37
	9	10	11.20	8.37	2.65	10	8.75	8.36	2.64	10	4.55	5.51	1.74	3	8.17	3.36	1.94
600-Minute	1	10	2.25	0.63	0.20	7	2.43	0.84	0.32	9	2.06	0.85	0.28	3	2.24	0.19	0.11
	2	8	5.75	1.25	0.44	7	6.46	1.08	0.41	9	6.00	0.83	0.28	3	6.07	0.36	0.21
	3	9	10.61	1.43	0.48	10	11.10	1.15	0.36	10	11.45	1.19	0.38	3	11.05	0.42	0.24
	4	10	15.60	1.20	0.38	10	15.85	1.00	0.32	10	15.60	0.97	0.31	3	15.68	0.14	0.08
	5	10	22.10	2.12	0.67	10	21.65	2.10	0.66	10	21.05	1.54	0.49	3	21.60	0.53	0.30
	9	10	13.80	8.25	2.61	10	6.75	5.45	1.72	10	11.85	10.63	3.36	3	10.80	3.64	2.10

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
90-Minute	1	10	2.14	0.24	0.08	10	2.05	0.20	0.06	10	2.17	0.23	0.07	3	2.12	0.06	0.03
	2	10	5.30	0.26	0.08	10	5.35	0.31	0.10	10	5.53	0.37	0.12	3	5.39	0.12	0.07
	3	10	10.08	0.48	0.15	10	10.29	0.45	0.14	10	10.04	0.43	0.13	3	10.14	0.14	0.08
	4	10	15.31	0.47	0.15	10	15.12	0.45	0.14	10	15.41	0.46	0.15	3	15.28	0.15	0.08
	5	10	20.65	0.35	0.11	10	20.50	0.38	0.12	10	20.42	0.51	0.16	3	20.52	0.12	0.07
	9	10	7.71	1.51	0.48	10	7.07	0.96	0.30	10	9.86	2.26	0.71	3	8.21	1.46	0.84
300-Minute	1	10	1.91	0.24	0.07	10	1.97	0.24	0.08	10	1.99	0.38	0.12	3	1.96	0.05	0.03
	2	10	5.75	0.21	0.07	10	5.52	0.29	0.09	10	5.52	0.20	0.06	3	5.60	0.13	0.08
	3	10	10.75	0.21	0.07	10	10.36	0.64	0.20	10	10.24	0.49	0.16	3	10.45	0.27	0.16
	4	10	15.36	0.40	0.13	10	15.64	0.41	0.13	10	15.32	0.44	0.14	3	15.44	0.17	0.10
	5	10	20.95	0.33	0.11	10	21.06	0.55	0.17	10	21.46	0.91	0.29	3	21.16	0.27	0.15
	9	10	13.91	1.09	0.35	10	13.53	2.13	0.67	10	13.13	1.66	0.53	3	13.52	0.39	0.22
600-Minute	1	10	2.14	0.14	0.04	10	1.82	0.31	0.10	10	1.92	0.41	0.13	3	1.96	0.17	0.10
	2	10	5.69	0.38	0.12	10	5.43	0.40	0.13	10	5.68	0.43	0.14	3	5.60	0.14	0.08
	3	10	10.74	0.55	0.18	10	10.92	0.44	0.14	10	10.20	0.32	0.10	3	10.62	0.38	0.22
	4	10	15.40	0.54	0.17	10	15.17	0.54	0.17	10	15.58	0.39	0.12	3	15.39	0.20	0.12
	5	10	21.25	0.90	0.29	10	21.66	0.45	0.14	10	21.16	0.55	0.17	3	21.36	0.27	0.15
	9	10	15.22	1.32	0.42	10	12.65	2.72	0.86	10	14.88	1.69	0.54	3	14.25	1.40	0.81

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	2.23	0.31	0.10	10	2.07	0.17	0.05	10	2.15	0.25	0.08	3	2.15	0.08	0.05
	2	10	5.28	0.31	0.10	10	5.35	0.27	0.09	10	5.58	0.31	0.10	3	5.40	0.16	0.09
	3	10	10.15	0.47	0.15	10	10.24	0.54	0.17	10	10.01	0.40	0.13	3	10.14	0.11	0.07
	4	10	14.98	0.36	0.11	10	14.84	0.39	0.12	10	15.18	0.43	0.14	3	15.00	0.17	0.10
	5	10	20.78	0.60	0.19	10	20.70	0.55	0.17	10	20.66	0.57	0.18	3	20.71	0.06	0.04
	9	10	6.23	0.49	0.16	10	6.33	0.70	0.22	10	6.56	1.22	0.38	3	6.37	0.17	0.10
300-Minute	1	10	1.95	0.20	0.06	10	2.10	0.17	0.05	10	2.05	0.27	0.09	3	2.03	0.08	0.04
	2	10	5.60	0.29	0.09	10	5.57	0.33	0.10	10	5.54	0.33	0.10	3	5.57	0.03	0.02
	3	10	10.82	0.36	0.11	10	10.56	0.63	0.20	10	10.37	0.43	0.14	3	10.58	0.23	0.13
	4	10	15.34	0.31	0.10	10	15.56	0.50	0.16	10	15.35	0.35	0.11	3	15.42	0.13	0.07
	5	10	21.10	0.40	0.13	10	21.09	0.49	0.15	10	21.33	0.82	0.26	3	21.17	0.14	0.08
	9	10	13.85	1.35	0.43	10	13.87	1.81	0.57	10	13.08	1.19	0.38	3	13.60	0.45	0.26
600-Minute	1	10	2.09	0.28	0.09	10	1.97	0.36	0.11	10	2.03	0.23	0.07	3	2.03	0.06	0.04
	2	10	5.62	0.33	0.10	10	5.52	0.26	0.08	10	5.61	0.29	0.09	3	5.58	0.06	0.03
	3	10	10.79	0.34	0.11	10	10.78	0.58	0.18	10	10.19	0.51	0.16	3	10.59	0.34	0.20
	4	10	15.34	0.57	0.18	10	15.20	0.55	0.17	10	15.56	0.47	0.15	3	15.37	0.18	0.10
	5	10	21.15	0.83	0.26	10	21.47	0.37	0.12	10	21.14	0.63	0.20	3	21.26	0.19	0.11
	9	10	15.13	1.20	0.38	10	12.79	2.24	0.71	10	14.87	1.35	0.43	3	14.26	1.29	0.74

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	2.04	0.24	0.08	10	2.08	0.35	0.11	10	2.05	0.13	0.04	3	2.06	0.02	0.01
	2	10	5.30	0.45	0.14	10	5.56	0.29	0.09	10	5.54	0.24	0.08	3	5.47	0.14	0.08
	3	10	10.24	0.26	0.08	10	10.11	0.33	0.11	10	10.22	0.40	0.13	3	10.19	0.07	0.04
	4	10	15.00	0.42	0.13	10	14.64	0.34	0.11	10	14.99	0.36	0.11	3	14.87	0.20	0.12
	5	10	20.73	0.38	0.12	10	21.05	0.50	0.16	10	21.04	0.53	0.17	3	20.94	0.18	0.10
	9	10	6.37	1.44	0.46	10	7.18	1.23	0.39	10	6.66	0.94	0.30	3	6.74	0.41	0.24
300-Minute	1	10	1.97	0.26	0.08	10	2.05	0.35	0.11	10	2.10	0.36	0.11	3	2.04	0.07	0.04
	2	10	5.53	0.28	0.09	10	5.48	0.25	0.08	10	5.43	0.38	0.12	3	5.48	0.05	0.03
	3	10	10.45	0.43	0.14	10	10.19	0.51	0.16	10	10.27	0.51	0.16	3	10.30	0.14	0.08
	4	10	15.38	0.34	0.11	10	15.59	0.48	0.15	10	15.22	0.44	0.14	3	15.40	0.18	0.11
	5	10	20.92	0.40	0.13	10	21.00	0.60	0.19	10	21.39	0.74	0.24	3	21.11	0.25	0.15
	9	10	12.60	1.26	0.40	10	11.80	2.24	0.71	10	10.88	1.63	0.52	3	11.76	0.86	0.50
600-Minute	1	10	1.99	0.30	0.09	10	1.94	0.36	0.11	10	1.96	0.33	0.10	3	1.96	0.03	0.01
	2	10	5.45	0.29	0.09	10	5.36	0.40	0.13	10	5.58	0.28	0.09	3	5.46	0.11	0.06
	3	10	10.75	0.36	0.11	10	10.76	0.43	0.14	10	10.30	0.44	0.14	3	10.60	0.26	0.15
	4	10	15.40	0.47	0.15	10	15.10	0.56	0.18	10	15.64	0.33	0.10	3	15.38	0.27	0.16
	5	10	21.36	0.80	0.25	10	21.63	0.35	0.11	10	21.24	0.58	0.18	3	21.41	0.20	0.11
	9	10	13.34	1.99	0.63	10	11.36	2.11	0.67	10	12.88	2.06	0.65	3	12.53	1.04	0.60

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	2.14	0.26	0.08	10	2.26	0.26	0.08	10	2.09	0.30	0.09	3	2.17	0.09	0.05
	2	10	5.48	0.36	0.11	10	5.66	0.28	0.09	10	5.53	0.27	0.09	3	5.55	0.10	0.06
	3	10	10.11	0.49	0.15	10	10.09	0.42	0.13	10	10.14	0.29	0.09	3	10.11	0.03	0.02
	4	10	15.18	0.30	0.09	10	14.84	0.38	0.12	10	15.04	0.57	0.18	3	15.02	0.17	0.10
	5	10	20.80	0.63	0.20	10	20.90	0.35	0.11	10	20.57	0.36	0.12	3	20.76	0.17	0.10
	9	10	6.89	1.34	0.42	10	8.29	1.18	0.37	10	7.21	1.34	0.42	3	7.46	0.73	0.42
300-Minute	1	10	1.95	0.22	0.07	10	2.22	0.32	0.10	10	2.14	0.26	0.08	3	2.10	0.14	0.08
	2	10	5.53	0.20	0.06	10	5.21	0.19	0.06	10	5.42	0.34	0.11	3	5.38	0.16	0.10
	3	10	10.65	0.28	0.09	10	10.42	0.45	0.14	10	10.42	0.46	0.15	3	10.50	0.13	0.08
	4	10	15.32	0.38	0.12	10	15.57	0.44	0.14	10	15.42	0.55	0.17	3	15.44	0.12	0.07
	5	10	21.08	0.28	0.09	10	21.10	0.52	0.16	10	21.49	0.65	0.20	3	21.22	0.23	0.13
	9	10	12.41	1.52	0.48	10	11.33	2.30	0.73	10	10.64	1.08	0.34	3	11.46	0.89	0.51
600-Minute	1	10	2.08	0.22	0.07	10	2.05	0.43	0.14	10	1.99	0.24	0.08	3	2.04	0.05	0.03
	2	10	5.45	0.37	0.12	10	5.39	0.40	0.13	10	5.51	0.30	0.10	3	5.45	0.06	0.03
	3	10	10.52	0.52	0.16	10	10.66	0.48	0.15	10	10.50	0.51	0.16	3	10.56	0.09	0.05
	4	10	15.42	0.53	0.17	10	15.25	0.60	0.19	10	15.58	0.33	0.10	3	15.42	0.17	0.10
	5	10	21.28	0.88	0.28	10	21.47	0.34	0.11	10	21.12	0.46	0.14	3	21.29	0.18	0.10
	9	10	13.00	1.66	0.53	10	10.91	1.50	0.47	10	12.53	0.89	0.28	3	12.15	1.10	0.63

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	40.94	7.04	2.23	10	44.00	9.08	2.87	10	28.91	11.10	3.51	3	37.95	7.98	4.61
	2	10	22.22	8.46	2.67	10	20.73	4.66	1.47	10	22.61	8.67	2.74	3	21.85	1.00	0.57
	3	10	12.76	5.58	1.77	10	14.22	4.41	1.39	10	10.57	3.10	0.98	3	12.51	1.84	1.06
	4	10	11.72	4.65	1.47	10	13.29	3.58	1.13	10	16.44	6.81	2.15	3	13.82	2.41	1.39
	5	10	12.36	7.66	2.42	10	7.76	2.62	0.83	10	21.47	11.01	3.48	3	13.86	6.98	4.03
300-Minute	1	10	13.87	3.40	1.08	10	18.14	9.78	3.09	10	21.06	8.82	2.79	3	17.69	3.62	2.09
	2	10	7.29	2.44	0.77	10	9.83	6.09	1.93	10	10.16	2.67	0.84	3	9.09	1.57	0.91
	3	10	11.64	4.96	1.57	10	10.19	5.34	1.69	10	11.67	3.09	0.98	3	11.17	0.85	0.49
	4	10	37.93	10.14	3.21	10	26.98	15.27	4.83	10	20.93	6.52	2.06	3	28.61	8.62	4.97
	5	10	29.27	11.55	3.65	10	34.87	13.24	4.19	10	36.18	5.37	1.70	3	33.44	3.67	2.12
600-Minute	1	10	9.27	6.23	1.97	10	24.69	13.77	4.35	10	16.65	10.63	3.36	3	16.87	7.71	4.45
	2	10	6.64	3.41	1.08	10	7.45	3.71	1.17	10	7.74	2.77	0.88	3	7.28	0.57	0.33
	3	10	10.41	4.94	1.56	10	12.95	4.46	1.41	10	7.01	3.58	1.13	3	10.12	2.98	1.72
	4	10	36.37	11.63	3.68	10	22.23	7.34	2.32	10	19.64	10.54	3.33	3	26.08	9.01	5.20
	5	10	37.31	9.96	3.15	10	32.69	12.93	4.09	10	48.95	11.00	3.48	3	39.65	8.38	4.84

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	46.42	5.67	1.79	10	44.71	7.81	2.47	10	45.95	12.70	4.02	3	45.69	0.89	0.51
	2	10	24.22	7.48	2.37	10	25.40	4.09	1.29	10	24.07	7.03	2.22	3	24.56	0.73	0.42
	3	10	15.92	5.85	1.85	10	14.06	5.05	1.60	10	12.27	4.18	1.32	3	14.08	1.82	1.05
	4	10	8.20	4.55	1.44	10	11.31	3.30	1.04	10	11.46	4.32	1.37	3	10.32	1.84	1.06
	5	10	5.25	1.06	0.33	10	4.52	1.36	0.43	10	6.24	2.58	0.81	3	5.34	0.87	0.50
300-Minute	1	10	14.88	5.13	1.62	10	16.89	8.58	2.71	10	20.30	7.24	2.29	3	17.36	2.74	1.58
	2	10	7.34	3.57	1.13	10	8.61	3.88	1.23	10	10.81	5.12	1.62	3	8.92	1.75	1.01
	3	10	10.40	4.33	1.37	10	10.98	5.92	1.87	10	11.79	4.43	1.40	3	11.06	0.70	0.40
	4	10	37.97	9.49	3.00	10	27.76	13.70	4.33	10	21.75	5.33	1.69	3	29.16	8.20	4.74
	5	10	29.40	11.55	3.65	10	35.76	12.96	4.10	10	35.35	6.61	2.09	3	33.50	3.56	2.05
600-Minute	1	10	8.78	4.68	1.48	10	20.50	10.95	3.46	10	14.81	5.67	1.79	3	14.70	5.86	3.38
	2	10	6.99	2.51	0.80	10	10.90	6.31	2.00	10	10.57	4.41	1.40	3	9.49	2.17	1.25
	3	10	10.44	5.21	1.65	10	14.06	4.16	1.32	10	7.49	3.70	1.17	3	10.66	3.29	1.90
	4	10	38.06	11.15	3.53	10	22.61	7.90	2.50	10	17.93	9.43	2.98	3	26.20	10.53	6.08
	5	10	35.74	8.95	2.83	10	31.92	11.35	3.59	10	49.20	11.01	3.48	3	38.95	9.07	5.24

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	48.79	11.98	3.79	10	39.68	15.23	4.82	10	42.83	9.53	3.01	3	43.77	4.63	2.67
	2	10	20.01	5.65	1.79	10	23.11	9.04	2.86	10	26.43	7.81	2.47	3	23.18	3.21	1.86
	3	10	14.54	10.97	3.47	10	16.81	6.49	2.05	10	14.13	4.91	1.55	3	15.16	1.44	0.83
	4	10	10.82	3.94	1.24	10	14.00	3.05	0.97	10	10.14	3.75	1.19	3	11.65	2.06	1.19
	5	10	5.85	2.29	0.72	10	6.41	2.83	0.90	10	6.47	2.25	0.71	3	6.24	0.34	0.20
300-Minute	1	10	19.78	9.53	3.01	10	27.23	10.14	3.21	10	30.94	10.25	3.24	3	25.99	5.68	3.28
	2	10	10.70	4.51	1.43	10	10.34	5.64	1.78	10	14.23	5.16	1.63	3	11.76	2.15	1.24
	3	10	11.78	4.12	1.30	10	11.21	5.22	1.65	10	11.33	3.54	1.12	3	11.44	0.30	0.17
	4	10	30.68	9.94	3.14	10	22.34	11.05	3.50	10	16.32	3.78	1.20	3	23.11	7.21	4.16
	5	10	27.06	5.40	1.71	10	28.88	14.28	4.52	10	27.18	5.98	1.89	3	27.71	1.02	0.59
600-Minute	1	10	19.23	9.27	2.93	10	28.78	11.77	3.72	10	26.48	11.94	3.78	3	24.83	4.98	2.88
	2	10	9.05	3.00	0.95	10	11.12	4.99	1.58	10	10.45	2.88	0.91	3	10.21	1.06	0.61
	3	10	9.36	3.87	1.22	10	13.61	5.19	1.64	10	7.22	3.73	1.18	3	10.06	3.26	1.88
	4	10	30.77	10.28	3.25	10	19.45	5.55	1.75	10	14.55	7.58	2.40	3	21.59	8.32	4.80
	5	10	31.58	10.65	3.37	10	27.04	9.73	3.08	10	41.30	9.88	3.12	3	33.30	7.29	4.21

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
90-Minute	1	10	42.57	13.57	4.29	10	26.05	8.72	2.76	10	41.15	12.87	4.07	3	36.59	9.16	5.29
	2	10	22.35	5.95	1.88	10	28.84	6.97	2.21	10	21.56	4.10	1.30	3	24.25	3.99	2.30
	3	10	17.90	12.50	3.95	10	21.35	6.92	2.19	10	17.40	6.45	2.04	3	18.88	2.15	1.24
	4	10	11.04	3.69	1.17	10	17.06	6.59	2.08	10	12.23	5.34	1.69	3	13.44	3.19	1.84
	5	10	6.14	3.32	1.05	10	6.71	2.71	0.86	10	7.65	3.43	1.09	3	6.83	0.76	0.44
300-Minute	1	10	22.39	9.07	2.87	10	30.18	10.94	3.46	10	33.79	9.45	2.99	3	28.78	5.83	3.36
	2	10	9.80	4.37	1.38	10	11.54	5.52	1.75	10	13.71	4.79	1.51	3	11.68	1.96	1.13
	3	10	10.14	3.70	1.17	10	10.63	3.84	1.21	10	10.50	3.60	1.14	3	10.42	0.25	0.14
	4	10	31.56	8.84	2.79	10	20.18	11.14	3.52	10	15.46	4.31	1.36	3	22.40	8.27	4.78
	5	10	26.11	6.99	2.21	10	27.47	11.71	3.70	10	26.54	2.88	0.91	3	26.70	0.70	0.40
600-Minute	1	10	18.67	8.41	2.66	10	31.83	9.53	3.01	10	27.25	6.47	2.05	3	25.91	6.68	3.86
	2	10	11.16	4.69	1.48	10	10.32	3.07	0.97	10	10.85	2.96	0.94	3	10.77	0.42	0.24
	3	10	10.41	3.30	1.04	10	14.11	5.34	1.69	10	8.23	4.73	1.50	3	10.92	2.97	1.72
	4	10	30.67	10.35	3.27	10	18.97	5.85	1.85	10	14.57	6.08	1.92	3	21.40	8.32	4.80
	5	10	29.10	7.01	2.22	10	24.78	7.13	2.25	10	39.12	6.07	1.92	3	31.00	7.36	4.25

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	160.04	68.32	21.60	10	165.80	68.93	21.80	10	139.21	53.08	16.78	3	155.02	13.99	8.08
	2	10	77.35	23.65	7.48	10	70.11	31.95	10.10	10	79.63	43.13	13.64	3	75.70	4.97	2.87
	3	10	47.17	17.14	5.42	10	42.96	16.53	5.23	10	43.61	18.19	5.75	3	44.58	2.26	1.31
	4	10	38.91	12.83	4.06	10	37.62	19.15	6.06	10	35.46	12.44	3.93	3	37.33	1.74	1.00
	5	10	37.46	7.94	2.51	10	30.36	11.71	3.70	10	30.55	8.29	2.62	3	32.79	4.05	2.34
	6	10	11.87	5.16	1.63	10	11.85	3.65	1.15	10	12.08	6.99	2.21	3	11.93	0.13	0.07
	7	10	34.64	15.12	4.78	10	21.35	10.89	3.44	10	24.02	9.81	3.10	3	26.67	7.03	4.06
	8	10	0.09	0.19	0.06	10	0.07	0.22	0.07	10	0.07	0.21	0.07	3	0.07	0.01	0.01
	9	10	360.93	82.23	26.00	10	346.86	91.90	29.06	10	328.46	65.63	20.75	3	345.41	16.28	9.40
600-Minute	1	10	160.95	76.00	24.03	10	183.57	72.11	22.80	10	178.97	70.67	22.35	3	174.50	11.96	6.90
	2	10	72.15	48.18	15.24	10	96.78	46.60	14.73	10	86.69	41.59	13.15	3	85.21	12.38	7.15
	3	10	46.29	17.61	5.57	10	53.16	12.34	3.90	10	53.29	40.88	12.93	3	50.91	4.00	2.31
	4	10	58.81	22.11	6.99	10	67.63	13.67	4.32	10	48.96	22.61	7.15	3	58.47	9.34	5.39
	5	10	51.98	18.39	5.81	10	60.36	23.97	7.58	10	39.33	16.74	5.29	3	50.56	10.58	6.11
	6	10	25.14	20.97	6.63	10	17.74	6.36	2.01	10	14.30	7.26	2.30	3	19.06	5.54	3.20
	7	10	59.05	34.33	10.86	10	54.80	15.71	4.97	10	50.37	50.60	16.00	3	54.74	4.34	2.51
	8	10	0.23	0.34	0.11	10	0.23	0.40	0.13	10	0.18	0.39	0.12	3	0.22	0.03	0.02
	9	10	390.18	117.68	37.21	10	461.50	93.73	29.64	10	407.24	144.39	45.66	3	419.64	37.24	21.50

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	237.46	57.65	18.23	10	155.21	66.84	21.14	10	180.89	77.00	24.35	3	191.18	42.08	24.30
	2	10	100.20	31.74	10.04	10	80.61	35.00	11.07	10	109.51	59.48	18.81	3	96.77	14.75	8.52
	3	10	65.08	17.79	5.63	10	52.81	14.62	4.62	10	56.19	24.13	7.63	3	58.02	6.34	3.66
	4	10	51.95	14.44	4.57	10	46.52	16.14	5.10	10	45.64	18.12	5.73	3	48.03	3.42	1.97
	5	10	49.49	20.90	6.61	10	43.37	8.83	2.79	10	42.66	19.25	6.09	3	45.17	3.76	2.17
	6	10	14.90	5.13	1.62	10	15.86	5.35	1.69	10	13.31	6.29	1.99	3	14.69	1.29	0.74
	7	10	44.22	16.51	5.22	10	37.75	12.16	3.85	10	32.38	7.84	2.48	3	38.12	5.93	3.42
	8	10	0.35	0.63	0.20	10	0.18	0.32	0.10	10	0.00	0.00	0.00	3	0.18	0.18	0.10
	9	10	504.17	91.67	28.99	10	378.51	77.71	24.57	10	434.87	93.98	29.72	3	439.18	62.94	36.34
600-Minute	1	10	198.60	124.53	39.38	10	236.61	73.12	23.12	10	236.69	111.35	35.21	3	223.97	21.97	12.68
	2	10	95.31	59.27	18.74	10	123.44	74.50	23.56	10	93.11	56.45	17.85	3	103.95	16.91	9.77
	3	10	59.79	17.70	5.60	10	69.07	26.70	8.44	10	67.54	38.62	12.21	3	65.47	4.98	2.87
	4	10	84.42	41.32	13.07	10	61.05	13.64	4.31	10	61.13	39.52	12.50	3	68.87	13.47	7.78
	5	10	82.14	72.42	22.90	10	46.98	24.65	7.80	10	57.29	58.08	18.37	3	62.14	18.08	10.44
	6	10	29.73	21.73	6.87	10	20.94	7.18	2.27	10	19.64	16.65	5.27	3	23.43	5.49	3.17
	7	10	90.01	83.93	26.54	10	38.80	15.63	4.94	10	42.26	51.88	16.41	3	57.02	28.62	16.52
	8	10	0.41	0.69	0.22	10	0.04	0.12	0.04	10	0.33	0.66	0.21	3	0.26	0.20	0.11
	9	10	520.26	235.47	74.46	10	537.15	104.46	33.03	10	515.76	170.87	54.03	3	524.39	11.28	6.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	88.24	48.48	15.33	10	94.09	33.04	10.45	10	72.72	39.41	12.46	3	85.02	11.04	6.37
	2	10	33.60	14.17	4.48	10	25.89	11.04	3.49	10	32.57	18.85	5.96	3	30.69	4.19	2.42
	3	10	23.72	7.22	2.28	10	17.79	4.89	1.55	10	18.78	7.36	2.33	3	20.10	3.18	1.83
	4	10	23.69	8.14	2.58	10	17.07	7.98	2.52	10	19.66	13.56	4.29	3	20.14	3.33	1.92
	5	10	20.12	12.72	4.02	10	14.45	6.66	2.10	10	9.30	5.56	1.76	3	14.63	5.41	3.12
	6	10	8.74	6.10	1.93	10	7.51	4.36	1.38	10	4.94	2.20	0.70	3	7.06	1.94	1.12
	7	10	24.64	32.70	10.34	10	10.07	10.46	3.31	10	4.67	3.28	1.04	3	13.13	10.33	5.96
	8	10	0.22	0.46	0.15	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.07	0.13	0.07
	9	10	189.37	50.26	15.89	10	169.29	42.13	13.32	10	153.04	55.61	17.59	3	170.57	18.20	10.51
600-Minute	1	10	66.14	44.39	14.04	10	117.87	78.63	24.87	10	83.32	36.96	11.69	3	89.11	26.35	15.21
	2	10	46.65	34.57	10.93	10	46.88	23.22	7.34	10	35.27	13.43	4.25	3	42.93	6.64	3.83
	3	10	22.79	7.66	2.42	10	33.66	16.40	5.19	10	27.53	15.12	4.78	3	27.99	5.45	3.15
	4	10	25.21	10.26	3.24	10	35.89	16.80	5.31	10	24.80	22.32	7.06	3	28.64	6.28	3.63
	5	10	21.82	11.23	3.55	10	24.34	13.60	4.30	10	19.91	13.23	4.18	3	22.02	2.22	1.28
	6	10	11.70	7.60	2.40	10	9.49	6.91	2.19	10	13.13	20.98	6.63	3	11.44	1.83	1.06
	7	10	34.53	29.16	9.22	10	31.91	32.65	10.33	10	29.64	64.52	20.40	3	32.02	2.45	1.41
	8	10	0.11	0.24	0.08	10	0.23	0.32	0.10	10	0.35	0.80	0.25	3	0.23	0.12	0.07
	9	10	182.61	72.79	23.02	10	258.64	95.40	30.17	10	190.84	66.53	21.04	3	210.70	41.72	24.09

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	85.92	43.77	13.84	10	80.84	21.38	6.76	10	66.19	30.38	9.61	3	77.65	10.25	5.92
	2	10	41.78	12.46	3.94	10	36.40	12.84	4.06	10	36.80	24.02	7.59	3	38.33	3.00	1.73
	3	10	33.13	15.33	4.85	10	27.39	10.19	3.22	10	20.84	6.72	2.12	3	27.12	6.15	3.55
	4	10	27.76	7.77	2.46	10	18.46	6.88	2.17	10	23.17	12.74	4.03	3	23.13	4.65	2.69
	5	10	13.29	4.90	1.55	10	12.65	4.50	1.42	10	11.85	4.00	1.27	3	12.60	0.72	0.42
	6	10	4.64	1.36	0.43	10	4.17	1.98	0.63	10	4.87	1.29	0.41	3	4.56	0.36	0.21
	7	10	7.46	3.79	1.20	10	7.21	3.19	1.01	10	5.78	2.36	0.75	3	6.82	0.91	0.52
	8	10	0.00	0.00	0.00	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.00	0.00
	9	10	201.89	51.16	16.18	10	175.73	32.89	10.40	10	158.86	57.98	18.33	3	178.82	21.68	12.52
600-Minute	1	10	85.50	19.07	6.03	10	87.21	46.80	14.80	10	59.49	18.55	5.87	3	77.40	15.53	8.97
	2	10	39.08	23.08	7.30	10	48.28	30.44	9.63	10	38.04	15.08	4.77	3	41.80	5.64	3.25
	3	10	39.27	13.38	4.23	10	37.95	18.51	5.85	10	31.14	25.15	7.95	3	36.12	4.36	2.52
	4	10	36.39	15.29	4.84	10	40.39	16.65	5.26	10	29.32	18.68	5.91	3	35.37	5.61	3.24
	5	10	16.30	7.19	2.28	10	15.87	5.75	1.82	10	14.69	7.16	2.26	3	15.62	0.84	0.48
	6	10	5.92	2.32	0.73	10	6.26	1.87	0.59	10	6.37	2.63	0.83	3	6.18	0.23	0.13
	7	10	12.27	7.28	2.30	10	11.23	5.38	1.70	10	10.87	5.92	1.87	3	11.45	0.73	0.42
	8	10	0.02	0.06	0.02	10	0.02	0.06	0.02	10	0.02	0.07	0.02	3	0.02	0.00	0.00
	9	10	216.53	36.14	11.43	10	229.71	75.15	23.76	10	172.68	51.75	16.36	3	206.30	29.86	17.24

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.30	0.67	0.21	9	2.22	0.87	0.29	10	2.55	0.60	0.19	3	2.36	0.17	0.10
	2	10	5.85	0.91	0.29	9	6.06	0.88	0.29	9	5.50	0.94	0.31	3	5.80	0.28	0.16
	3	10	11.05	1.19	0.38	9	10.44	1.36	0.45	10	10.35	1.47	0.47	3	10.61	0.38	0.22
	4	10	15.70	1.11	0.35	10	15.25	0.79	0.25	10	14.80	0.98	0.31	3	15.25	0.45	0.26
	5	10	20.20	1.84	0.58	10	21.10	1.78	0.56	10	20.70	1.81	0.57	3	20.67	0.45	0.26
	9	10	2.45	0.86	0.27	10	2.65	1.58	0.50	10	2.95	1.12	0.35	3	2.68	0.25	0.15
600-Minute	1	10	2.15	0.67	0.21	9	2.22	0.67	0.22	9	2.33	0.87	0.29	3	2.24	0.09	0.05
	2	9	5.33	0.79	0.26	10	5.45	1.01	0.32	10	6.50	0.94	0.30	3	5.76	0.64	0.37
	3	10	11.10	1.56	0.49	10	9.90	1.43	0.45	10	9.85	1.13	0.36	3	10.28	0.71	0.41
	4	10	15.30	1.48	0.47	10	15.70	0.82	0.26	10	15.40	0.97	0.31	3	15.47	0.21	0.12
	5	10	21.35	1.89	0.60	10	20.60	1.71	0.54	10	21.25	2.20	0.70	3	21.07	0.41	0.24
	9	10	2.35	1.20	0.38	10	3.10	2.85	0.90	10	2.50	0.97	0.31	3	2.65	0.40	0.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.30	0.71	0.23	9	2.56	0.63	0.21	9	2.17	0.50	0.17	3	2.34	0.20	0.11
	2	9	5.67	1.00	0.33	7	6.29	0.57	0.21	8	5.87	0.95	0.34	3	5.94	0.31	0.18
	3	9	10.22	1.09	0.36	10	10.05	1.50	0.47	10	10.40	0.99	0.31	3	10.22	0.18	0.10
	4	10	15.65	1.11	0.35	10	15.95	0.96	0.30	10	15.55	1.14	0.36	3	15.72	0.21	0.12
	5	10	19.50	0.94	0.30	10	20.15	1.20	0.38	10	19.50	0.82	0.26	3	19.72	0.38	0.22
	9	10	2.45	0.98	0.31	10	4.05	4.27	1.35	10	2.60	1.13	0.36	3	3.03	0.88	0.51
600-Minute	1	9	1.83	0.56	0.19	10	2.10	0.70	0.22	9	2.56	0.73	0.24	3	2.16	0.37	0.21
	2	9	5.83	1.06	0.35	10	6.05	0.80	0.25	9	6.11	0.86	0.29	3	6.00	0.15	0.08
	3	10	10.90	1.43	0.45	10	10.10	1.54	0.49	9	10.39	0.86	0.29	3	10.46	0.41	0.23
	4	10	15.20	1.03	0.33	10	15.40	1.43	0.45	9	15.33	0.87	0.29	3	15.31	0.10	0.06
	5	10	21.80	2.35	0.74	10	20.80	2.06	0.65	10	20.20	1.93	0.61	3	20.93	0.81	0.47
	9	10	6.80	8.45	2.67	10	2.70	1.32	0.42	10	4.40	4.06	1.28	3	4.63	2.06	1.19

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	8	1.94	0.42	0.15	9	2.67	0.94	0.31	8	2.31	0.80	0.28	3	2.31	0.36	0.21
	2	9	5.61	0.96	0.32	9	5.83	1.03	0.34	10	5.95	1.01	0.32	3	5.80	0.17	0.10
	3	10	10.20	1.46	0.46	10	10.40	1.22	0.39	10	10.80	1.38	0.44	3	10.47	0.31	0.18
	4	10	15.70	1.65	0.52	10	15.50	1.00	0.32	10	16.20	0.92	0.29	3	15.80	0.36	0.21
	5	10	21.25	1.11	0.35	10	21.45	2.27	0.72	8	21.19	2.27	0.80	3	21.30	0.14	0.08
	9	10	4.85	5.89	1.86	10	5.45	5.68	1.80	10	4.60	4.44	1.40	3	4.97	0.44	0.25
600-Minute	1	9	2.39	0.82	0.27	6	2.17	0.75	0.31	7	2.29	0.64	0.24	3	2.28	0.11	0.06
	2	10	5.65	0.71	0.22	10	5.75	1.16	0.37	10	5.40	0.70	0.22	3	5.60	0.18	0.10
	3	10	11.30	1.11	0.35	10	10.50	1.11	0.35	9	9.39	1.02	0.34	3	10.40	0.96	0.55
	4	10	15.30	1.03	0.33	10	15.10	1.39	0.44	9	15.17	1.09	0.36	3	15.19	0.10	0.06
	5	10	21.85	2.19	0.69	9	19.89	1.71	0.57	9	21.11	1.96	0.65	3	20.95	0.99	0.57
	9	10	2.90	1.52	0.48	10	5.60	5.76	1.82	10	4.25	2.36	0.75	3	4.25	1.35	0.78

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.20	0.71	0.23	7	1.93	0.73	0.28	10	2.30	0.79	0.25	3	2.14	0.19	0.11
	2	10	5.65	1.03	0.33	8	5.50	1.04	0.37	10	5.95	0.76	0.24	3	5.70	0.23	0.13
	3	9	10.06	1.29	0.43	9	10.39	1.19	0.40	10	10.45	1.28	0.40	3	10.30	0.21	0.12
	4	10	15.90	1.43	0.45	10	14.85	0.91	0.29	9	15.39	1.27	0.42	3	15.38	0.53	0.30
	5	9	20.50	1.97	0.66	10	21.25	1.84	0.58	10	21.05	1.88	0.59	3	20.93	0.39	0.22
	9	10	2.80	1.48	0.47	10	4.85	4.41	1.39	10	2.85	1.31	0.42	3	3.50	1.17	0.68
600-Minute	1	9	2.50	0.56	0.19	7	2.07	0.45	0.17	10	2.50	0.71	0.22	3	2.36	0.25	0.14
	2	10	5.45	0.80	0.25	10	5.75	1.03	0.33	8	5.75	1.10	0.39	3	5.65	0.17	0.10
	3	10	11.60	0.99	0.31	10	10.55	1.12	0.35	9	9.94	1.33	0.44	3	10.70	0.84	0.48
	4	10	15.20	1.16	0.37	10	15.15	1.25	0.39	10	14.95	0.96	0.30	3	15.10	0.13	0.08
	5	10	20.00	0.97	0.31	9	19.72	1.33	0.44	10	20.75	1.50	0.47	3	20.16	0.53	0.31
	9	10	3.50	2.76	0.87	10	4.45	4.29	1.36	10	4.95	3.96	1.25	3	4.30	0.74	0.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.23	0.20	0.06	10	2.08	0.23	0.07	10	2.24	0.20	0.06	3	2.18	0.09	0.05
	2	10	5.43	0.25	0.08	10	5.50	0.31	0.10	10	5.24	0.25	0.08	3	5.39	0.14	0.08
	3	10	10.24	0.28	0.09	10	10.09	0.40	0.13	10	10.08	0.48	0.15	3	10.14	0.09	0.05
	4	10	15.13	0.48	0.15	10	15.05	0.41	0.13	10	15.05	0.32	0.10	3	15.08	0.04	0.03
	5	10	20.56	0.45	0.14	10	20.90	0.49	0.16	10	20.81	0.42	0.13	3	20.76	0.17	0.10
	9	10	7.44	1.26	0.40	10	7.04	1.62	0.51	10	7.24	1.04	0.33	3	7.24	0.20	0.12
600-Minute	1	10	2.09	0.18	0.06	10	2.16	0.26	0.08	10	2.13	0.32	0.10	3	2.13	0.04	0.02
	2	10	5.47	0.39	0.12	10	5.35	0.28	0.09	10	5.30	0.50	0.16	3	5.37	0.09	0.05
	3	10	10.27	0.39	0.12	10	10.11	0.26	0.08	10	10.00	0.36	0.11	3	10.13	0.14	0.08
	4	10	15.22	0.31	0.10	10	15.21	0.34	0.11	10	15.24	0.38	0.12	3	15.22	0.01	0.01
	5	10	20.98	0.56	0.18	10	20.77	0.51	0.16	10	21.02	0.60	0.19	3	20.92	0.14	0.08
	9	10	8.34	0.90	0.29	10	8.26	1.12	0.35	10	7.31	1.33	0.42	3	7.97	0.57	0.33

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.16	0.29	0.09	10	2.26	0.29	0.09	10	2.18	0.25	0.08	3	2.20	0.05	0.03
	2	10	5.42	0.26	0.08	10	5.42	0.26	0.08	10	5.34	0.34	0.11	3	5.39	0.05	0.03
	3	10	10.16	0.29	0.09	10	10.01	0.52	0.17	10	10.05	0.40	0.13	3	10.07	0.08	0.04
	4	10	15.08	0.43	0.13	10	15.25	0.41	0.13	10	15.17	0.45	0.14	3	15.17	0.09	0.05
	5	10	20.48	0.41	0.13	10	20.50	0.36	0.12	10	20.45	0.44	0.14	3	20.48	0.02	0.01
	9	10	6.99	0.83	0.26	10	7.92	1.30	0.41	10	7.22	1.28	0.40	3	7.38	0.48	0.28
600-Minute	1	10	2.07	0.24	0.07	10	2.15	0.25	0.08	10	2.20	0.36	0.11	3	2.14	0.07	0.04
	2	10	5.56	0.20	0.06	10	5.40	0.33	0.10	10	5.44	0.31	0.10	3	5.47	0.08	0.05
	3	10	10.21	0.40	0.13	10	10.04	0.47	0.15	10	9.98	0.31	0.10	3	10.08	0.12	0.07
	4	10	15.15	0.45	0.14	10	15.17	0.47	0.15	10	15.24	0.45	0.14	3	15.19	0.05	0.03
	5	10	21.02	0.70	0.22	10	20.73	0.45	0.14	10	20.62	0.41	0.13	3	20.79	0.20	0.12
	9	10	8.76	2.48	0.78	10	7.09	1.37	0.43	10	7.42	1.78	0.56	3	7.76	0.88	0.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	1.96	0.20	0.06	10	1.80	0.27	0.08	10	1.93	0.33	0.11	3	1.90	0.09	0.05
	2	10	5.61	0.30	0.09	10	5.31	0.28	0.09	10	5.38	0.37	0.12	3	5.43	0.15	0.09
	3	10	10.04	0.22	0.07	10	10.11	0.41	0.13	10	10.16	0.55	0.17	3	10.10	0.06	0.03
	4	10	15.22	0.37	0.12	10	15.11	0.46	0.14	10	15.30	0.21	0.07	3	15.21	0.10	0.06
	5	10	20.78	0.67	0.21	10	20.82	0.53	0.17	10	20.95	1.34	0.42	3	20.85	0.09	0.05
	9	10	7.64	2.32	0.73	10	6.29	1.18	0.37	10	6.87	2.01	0.64	3	6.93	0.67	0.39
600-Minute	1	10	2.08	0.35	0.11	10	1.88	0.18	0.06	10	1.83	0.43	0.13	3	1.93	0.13	0.08
	2	10	5.58	0.25	0.08	10	5.55	0.36	0.11	10	5.43	0.30	0.09	3	5.52	0.08	0.05
	3	10	10.33	0.52	0.17	10	10.09	0.20	0.06	10	9.85	0.34	0.11	3	10.09	0.24	0.14
	4	10	15.20	0.47	0.15	10	14.99	0.53	0.17	10	15.34	0.54	0.17	3	15.17	0.18	0.10
	5	10	21.04	0.70	0.22	10	20.76	0.51	0.16	10	20.89	0.74	0.24	3	20.90	0.14	0.08
	9	10	8.33	1.46	0.46	10	7.40	2.03	0.64	10	7.32	1.65	0.52	3	7.68	0.56	0.32

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	2.08	0.23	0.07	10	1.95	0.24	0.08	10	2.05	0.28	0.09	3	2.03	0.07	0.04
	2	10	5.63	0.23	0.07	10	5.44	0.41	0.13	10	5.46	0.33	0.10	3	5.51	0.10	0.06
	3	10	9.88	0.44	0.14	10	10.19	0.45	0.14	10	10.17	0.44	0.14	3	10.08	0.17	0.10
	4	10	15.24	0.39	0.12	10	15.09	0.31	0.10	10	15.18	0.36	0.11	3	15.17	0.08	0.04
	5	10	20.60	0.40	0.13	10	20.77	0.42	0.13	10	20.61	0.62	0.20	3	20.66	0.09	0.05
	9	10	7.36	1.45	0.46	10	6.72	1.00	0.31	10	7.35	1.35	0.43	3	7.14	0.37	0.21
600-Minute	1	10	2.09	0.32	0.10	10	2.10	0.27	0.09	10	2.19	0.15	0.05	3	2.13	0.06	0.03
	2	10	5.54	0.18	0.06	10	5.54	0.39	0.12	10	5.45	0.47	0.15	3	5.51	0.06	0.03
	3	10	10.58	0.30	0.10	10	10.25	0.23	0.07	10	9.95	0.41	0.13	3	10.26	0.31	0.18
	4	10	14.97	0.27	0.09	10	15.04	0.39	0.12	10	14.90	0.32	0.10	3	14.97	0.07	0.04
	5	10	20.58	0.53	0.17	10	20.74	0.45	0.14	10	20.82	0.38	0.12	3	20.71	0.13	0.07
	9	10	7.79	1.14	0.36	10	7.91	1.36	0.43	10	7.97	1.61	0.51	3	7.89	0.09	0.05

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	42.80	12.07	3.82	10	46.84	9.24	2.92	10	42.02	12.30	3.89	3	43.88	2.59	1.49
	2	10	21.55	5.27	1.67	10	19.57	4.85	1.53	10	23.53	10.26	3.24	3	21.55	1.98	1.14
	3	10	13.57	4.96	1.57	10	12.65	4.37	1.38	10	13.63	5.85	1.85	3	13.28	0.55	0.32
	4	10	11.40	4.83	1.53	10	11.59	6.42	2.03	10	11.26	4.51	1.43	3	11.42	0.17	0.10
	5	10	10.68	2.48	0.78	10	9.34	4.37	1.38	10	9.57	3.46	1.09	3	9.86	0.71	0.41
600-Minute	1	10	40.70	8.40	2.65	10	38.70	11.41	3.61	10	43.81	9.92	3.14	3	41.07	2.58	1.49
	2	10	18.01	8.27	2.62	10	20.75	7.38	2.34	10	21.34	6.47	2.05	3	20.03	1.77	1.02
	3	10	12.03	3.61	1.14	10	12.19	4.93	1.56	10	12.16	4.87	1.54	3	12.13	0.08	0.05
	4	10	15.06	3.12	0.99	10	14.98	3.35	1.06	10	12.61	6.44	2.04	3	14.22	1.39	0.80
	5	10	14.19	5.79	1.83	10	13.38	4.81	1.52	10	10.08	3.94	1.24	3	12.55	2.18	1.26

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	46.83	8.16	2.58	10	39.67	8.87	2.80	10	41.58	14.55	4.60	3	42.69	3.70	2.14
	2	10	19.90	5.43	1.72	10	21.18	8.02	2.54	10	24.74	12.19	3.85	3	21.94	2.51	1.45
	3	10	13.02	3.18	1.00	10	14.11	3.61	1.14	10	12.83	4.81	1.52	3	13.32	0.69	0.40
	4	10	10.38	2.56	0.81	10	13.14	6.44	2.04	10	10.60	3.86	1.22	3	11.37	1.53	0.88
	5	10	9.87	4.14	1.31	10	11.90	3.48	1.10	10	10.25	5.63	1.78	3	10.67	1.08	0.62
600-Minute	1	10	38.00	11.39	3.60	10	44.19	11.89	3.76	10	45.42	14.78	4.67	3	42.54	3.98	2.30
	2	10	17.92	4.33	1.37	10	21.82	9.44	2.98	10	18.41	10.13	3.20	3	19.38	2.13	1.23
	3	10	12.47	3.94	1.25	10	13.33	5.74	1.82	10	12.77	4.75	1.50	3	12.86	0.44	0.25
	4	10	16.55	5.10	1.61	10	11.76	3.62	1.15	10	12.50	8.29	2.62	3	13.60	2.58	1.49
	5	10	15.06	11.04	3.49	10	8.90	4.64	1.47	10	10.90	8.25	2.61	3	11.62	3.15	1.82

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	44.01	14.84	4.69	10	54.35	8.91	2.82	10	45.64	13.24	4.19	3	48.00	5.56	3.21
	2	10	17.70	6.16	1.95	10	15.60	5.59	1.77	10	20.75	8.90	2.82	3	18.02	2.59	1.49
	3	10	13.53	5.22	1.65	10	11.05	4.00	1.26	10	12.38	2.86	0.91	3	12.32	1.24	0.72
	4	10	13.21	5.38	1.70	10	10.17	4.20	1.33	10	14.14	11.02	3.49	3	12.51	2.08	1.20
	5	10	11.54	8.34	2.64	10	8.83	4.00	1.27	10	7.10	5.21	1.65	3	9.16	2.24	1.29
600-Minute	1	10	35.42	10.68	3.38	10	43.75	16.29	5.15	10	42.82	12.24	3.87	3	40.67	4.57	2.64
	2	10	24.04	10.68	3.38	10	18.94	8.42	2.66	10	19.96	9.94	3.14	3	20.98	2.70	1.56
	3	10	13.30	3.88	1.23	10	12.96	3.85	1.22	10	14.60	6.08	1.92	3	13.62	0.87	0.50
	4	10	14.71	5.80	1.83	10	14.56	7.24	2.29	10	12.48	8.18	2.59	3	13.92	1.25	0.72
	5	10	12.53	5.56	1.76	10	9.79	5.39	1.71	10	10.14	3.83	1.21	3	10.82	1.49	0.86

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.1 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
300-Minute	1	10	40.68	13.25	4.19	10	45.68	7.01	2.22	10	41.33	10.40	3.29	3	42.56	2.72	1.57
	2	10	21.12	5.04	1.59	10	21.04	7.87	2.49	10	22.00	8.64	2.73	3	21.39	0.53	0.31
	3	10	16.50	5.84	1.85	10	15.18	3.31	1.05	10	13.48	3.27	1.04	3	15.05	1.51	0.87
	4	10	14.57	5.47	1.73	10	10.67	4.38	1.39	10	14.92	7.02	2.22	3	13.39	2.36	1.36
	5	10	7.13	3.53	1.12	10	7.43	2.97	0.94	10	8.27	3.79	1.20	3	7.61	0.59	0.34
600-Minute	1	10	40.12	9.92	3.14	10	37.08	12.21	3.86	10	35.38	10.89	3.44	3	37.53	2.40	1.39
	2	10	17.27	8.72	2.76	10	20.81	11.62	3.67	10	22.58	8.83	2.79	3	20.22	2.71	1.56
	3	10	18.03	5.45	1.72	10	16.23	5.29	1.67	10	16.38	7.25	2.29	3	16.88	1.00	0.58
	4	10	16.80	7.35	2.33	10	18.34	7.98	2.52	10	16.78	10.16	3.21	3	17.31	0.89	0.52
	5	10	7.77	3.61	1.14	10	7.53	3.44	1.09	10	8.87	4.99	1.58	3	8.06	0.72	0.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	82.92	34.60	10.94	10	68.16	27.20	8.60	10	81.72	26.68	8.44	3	77.60	8.20	4.73
	2	10	58.24	28.26	8.94	10	97.24	80.96	25.60	10	76.87	28.57	9.03	3	77.45	19.51	11.26
	3	10	45.40	14.43	4.56	10	51.78	23.44	7.41	10	76.00	26.50	8.38	3	57.73	16.15	9.32
	4	10	74.56	37.54	11.87	10	88.65	56.97	18.02	10	132.92	98.22	31.06	3	98.71	30.45	17.58
	5	10	171.23	83.98	26.56	10	172.63	52.84	16.71	10	176.74	49.09	15.53	3	173.54	2.87	1.65
	6	10	85.38	65.57	20.74	10	56.97	34.48	10.90	10	41.48	9.74	3.08	3	61.28	22.27	12.86
	7	10	158.41	67.68	21.40	10	123.46	41.83	13.23	10	85.45	21.92	6.93	3	122.44	36.49	21.07
	8	10	1.15	0.84	0.27	10	1.08	0.72	0.23	10	0.51	0.34	0.11	3	0.91	0.35	0.20
	9	10	432.35	74.29	23.49	10	478.47	169.29	53.54	10	544.25	141.70	44.81	3	485.02	56.24	32.47
30-Minute	1	10	111.32	49.58	15.68	10	103.55	50.96	16.11	10	85.06	38.20	12.08	3	99.98	13.49	7.79
	2	10	72.03	31.45	9.95	10	69.73	27.95	8.84	10	58.63	25.96	8.21	3	66.80	7.16	4.14
	3	10	63.49	33.13	10.48	10	52.49	34.57	10.93	10	47.81	14.64	4.63	3	54.59	8.05	4.65
	4	10	109.53	81.21	25.68	10	69.01	38.97	12.32	10	67.43	33.25	10.51	3	81.99	23.86	13.78
	5	10	65.75	21.27	6.73	10	85.31	26.19	8.28	10	98.72	21.24	6.72	3	83.26	16.58	9.57
	6	10	26.71	15.06	4.76	10	22.23	12.62	3.99	10	25.25	5.79	1.83	3	24.73	2.28	1.32
	7	10	47.77	25.31	8.00	10	67.42	17.28	5.46	10	64.72	8.46	2.67	3	59.97	10.65	6.15
	8	10	0.39	0.82	0.26	10	0.56	0.21	0.07	10	0.67	0.14	0.04	3	0.54	0.14	0.08
	9	10	422.12	149.83	47.38	10	380.10	115.76	36.61	10	357.65	60.26	19.06	3	386.62	32.73	18.89
90-Minute	1	10	78.25	35.53	11.23	10	71.12	32.59	10.31	10	60.37	29.90	9.46	3	69.91	9.01	5.20
	2	10	61.98	41.83	13.23	10	59.16	22.86	7.23	10	76.14	46.29	14.64	3	65.76	9.10	5.25
	3	10	40.80	27.64	8.74	10	58.71	17.56	5.55	10	52.81	25.68	8.12	3	50.77	9.12	5.27
	4	10	63.74	42.22	13.35	10	71.39	17.42	5.51	10	87.67	47.89	15.14	3	74.27	12.22	7.06
	5	10	89.33	43.69	13.82	10	120.14	41.76	13.21	10	104.74	36.90	11.67	3	104.74	15.41	8.90
	6	10	43.06	33.79	10.68	10	47.88	22.81	7.21	10	39.56	20.30	6.42	3	43.50	4.18	2.41
	7	10	105.51	99.51	31.47	10	140.03	46.92	14.84	10	99.64	46.24	14.62	3	115.06	21.82	12.60
	8	10	0.72	0.89	0.28	10	1.37	0.62	0.20	10	0.73	0.36	0.11	3	0.94	0.37	0.21
	9	10	334.11	153.70	48.61	10	380.53	90.00	28.46	10	382.01	131.80	41.68	3	365.55	27.24	15.73
300-Minute	1	10	70.70	30.85	9.76	10	61.22	19.00	6.01	10	69.03	34.72	10.98	3	66.98	5.06	2.92
	2	10	64.72	31.01	9.81	10	57.36	23.11	7.31	10	63.34	15.70	4.96	3	61.81	3.92	2.26
	3	10	58.01	23.96	7.58	10	55.84	16.14	5.10	10	44.81	21.03	6.65	3	52.88	7.08	4.09
	4	10	99.26	51.75	16.36	10	80.59	23.17	7.33	10	74.77	30.19	9.55	3	84.88	12.80	7.39
	5	10	90.25	46.73	14.78	10	130.29	53.11	16.80	10	76.79	30.79	9.74	3	99.11	27.83	16.07
	6	10	43.90	19.21	6.07	10	67.43	31.18	9.86	10	21.96	5.82	1.84	3	44.43	22.74	13.13
	7	10	135.16	82.42	26.06	10	244.01	120.30	38.04	10	84.38	18.45	5.83	3	154.51	81.56	47.09
	8	10	1.67	1.55	0.49	10	4.27	3.06	0.97	10	0.83	0.54	0.17	3	2.26	1.79	1.04
	9	10	382.94	114.30	36.14	10	385.29	74.64	23.60	10	328.73	84.85	26.83	3	365.65	31.99	18.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	89.58	71.73	22.68	10	58.56	21.61	6.83	10	83.59	34.53	10.92	3	77.24	16.46	9.50
	2	10	87.86	47.59	15.05	10	63.26	32.14	10.16	10	94.41	36.11	11.42	3	81.84	16.42	9.48
	3	10	64.94	33.48	10.59	10	62.37	23.58	7.46	10	61.38	14.54	4.60	3	62.90	1.84	1.06
	4	10	113.22	74.39	23.53	10	97.11	47.27	14.95	10	100.19	59.98	18.97	3	103.51	8.55	4.94
	5	10	64.52	30.90	9.77	10	112.01	64.97	20.55	10	73.42	23.84	7.54	3	83.32	25.24	14.57
	6	10	25.97	12.40	3.92	10	49.69	16.78	5.31	10	32.07	16.24	5.14	3	35.91	12.32	7.11
	7	10	96.20	46.22	14.62	10	245.83	112.13	35.46	10	121.22	61.40	19.42	3	154.42	80.15	46.27
	8	10	0.79	0.70	0.22	10	3.05	2.19	0.69	10	1.27	0.90	0.29	3	1.70	1.19	0.69
	9	10	420.13	180.90	57.21	10	393.31	97.99	30.99	10	412.99	87.21	27.58	3	408.81	13.89	8.02

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	73.45	35.27	11.15	10	74.58	30.85	9.75	10	79.23	35.45	11.21	3	75.75	3.06	1.77
	2	10	48.32	26.24	8.30	10	88.10	39.10	12.37	10	102.58	55.90	17.68	3	79.67	28.09	16.22
	3	10	40.82	18.49	5.85	10	54.43	25.66	8.11	10	78.12	35.82	11.33	3	57.79	18.88	10.90
	4	10	61.18	50.63	16.01	10	85.49	42.42	13.41	10	148.63	132.93	42.04	3	98.43	45.14	26.06
	5	10	74.48	81.87	25.89	10	159.34	44.63	14.11	10	242.99	67.69	21.41	3	158.94	84.26	48.65
	6	10	32.80	28.17	8.91	10	119.41	33.41	10.57	10	133.54	76.12	24.07	3	95.25	54.54	31.49
	7	10	85.59	109.18	34.53	10	136.63	44.59	14.10	10	137.92	28.63	9.05	3	120.05	29.84	17.23
	8	10	0.78	1.33	0.42	10	1.47	1.48	0.47	10	0.99	0.55	0.17	3	1.08	0.35	0.20
	9	10	298.25	160.80	50.85	10	461.94	131.61	41.62	10	651.55	235.74	74.55	3	470.58	176.81	102.08
30-Minute	1	10	90.86	43.84	13.86	10	89.01	55.98	17.70	10	85.50	17.06	5.39	3	88.45	2.72	1.57
	2	10	63.33	17.86	5.65	10	67.00	29.06	9.19	10	67.16	36.75	11.62	3	65.83	2.17	1.25
	3	10	72.91	44.56	14.09	10	58.17	25.59	8.09	10	55.22	19.62	6.21	3	62.10	9.48	5.47
	4	10	128.03	82.24	26.01	10	72.57	39.49	12.49	10	66.84	26.73	8.45	3	89.15	33.79	19.51
	5	10	113.10	30.20	9.55	10	118.11	39.25	12.41	10	150.55	27.50	8.70	3	127.25	20.33	11.74
	6	10	89.76	72.22	22.84	10	70.44	44.25	13.99	10	61.81	14.02	4.43	3	74.01	14.31	8.26
	7	10	102.33	76.68	24.25	10	111.13	24.26	7.67	10	100.83	21.46	6.79	3	104.76	5.57	3.21
	8	10	0.76	0.89	0.28	10	1.30	0.88	0.28	10	0.71	0.42	0.13	3	0.93	0.33	0.19
	9	10	468.21	164.99	52.18	10	404.87	119.21	37.70	10	425.27	64.65	20.44	3	432.78	32.33	18.67
90-Minute	1	10	67.15	48.11	15.21	10	58.13	20.64	6.53	10	64.90	13.63	4.31	3	63.39	4.70	2.71
	2	10	62.49	40.50	12.81	10	50.82	19.73	6.24	10	78.26	33.45	10.58	3	63.86	13.77	7.95
	3	10	49.16	29.01	9.17	10	62.72	22.86	7.23	10	55.61	27.63	8.74	3	55.83	6.78	3.92
	4	10	92.83	65.70	20.77	10	116.68	49.49	15.65	10	119.72	51.00	16.13	3	109.74	14.73	8.50
	5	10	172.12	67.43	21.32	10	215.30	58.92	18.63	10	169.39	56.36	17.82	3	185.60	25.75	14.87
	6	10	136.87	71.71	22.68	10	139.35	41.15	13.01	10	95.03	111.71	35.33	3	123.75	24.91	14.38
	7	10	212.73	155.43	49.15	10	346.69	117.28	37.09	10	181.13	91.82	29.04	3	246.85	87.90	50.75
	8	10	1.85	1.85	0.59	10	5.18	2.75	0.87	10	1.62	0.94	0.30	3	2.88	1.99	1.15
	9	10	443.76	185.91	58.79	10	503.65	97.31	30.77	10	488.58	99.38	31.43	3	478.66	31.15	17.98
300-Minute	1	10	69.94	26.68	8.44	10	44.38	16.44	5.20	10	45.82	20.10	6.36	3	53.38	14.36	8.29
	2	10	64.64	24.47	7.74	10	49.97	19.32	6.11	10	70.76	26.85	8.49	3	61.79	10.68	6.17
	3	10	67.71	29.54	9.34	10	68.62	25.79	8.16	10	41.86	13.66	4.32	3	59.40	15.20	8.77
	4	10	101.93	27.94	8.84	10	82.38	20.45	6.47	10	67.18	25.77	8.15	3	83.83	17.42	10.06
	5	10	169.86	53.60	16.95	10	226.18	84.16	26.61	10	85.63	24.23	7.66	3	160.56	70.73	40.84
	6	10	78.28	40.16	12.70	10	141.11	47.82	15.12	10	32.31	13.55	4.28	3	83.90	54.62	31.53
	7	10	272.60	141.98	44.90	10	342.06	113.01	35.74	10	93.15	44.62	14.11	3	235.94	128.44	74.16
	8	10	4.24	3.71	1.17	10	4.26	1.82	0.58	10	1.02	0.53	0.17	3	3.17	1.87	1.08
	9	10	474.10	79.74	25.22	10	471.52	107.26	33.92	10	311.26	58.70	18.56	3	418.96	93.28	53.86

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
600-Minute	1	10	68.98	32.98	10.43	10	53.14	23.41	7.40	10	94.00	32.30	10.21	3	72.04	20.60	11.89
	2	10	72.61	28.75	9.09	10	48.98	12.11	3.83	10	95.31	23.38	7.39	3	72.30	23.17	13.38
	3	10	73.14	45.15	14.28	10	75.09	23.29	7.36	10	74.69	28.23	8.93	3	74.31	1.03	0.59
	4	10	125.93	64.21	20.31	10	136.36	57.32	18.13	10	129.05	73.04	23.10	3	130.45	5.35	3.09
	5	10	121.38	55.88	17.67	10	180.46	53.61	16.95	10	181.41	41.34	13.07	3	161.08	34.38	19.85
	6	10	46.08	23.90	7.56	10	86.05	49.39	15.62	10	94.23	39.77	12.58	3	75.45	25.77	14.88
	7	10	151.46	64.34	20.35	10	346.41	122.75	38.82	10	246.75	91.15	28.82	3	248.21	97.49	56.28
	8	10	1.84	1.91	0.60	10	4.80	3.04	0.96	10	1.76	1.03	0.33	3	2.80	1.73	1.00
	9	10	462.04	157.32	49.75	10	494.02	76.62	24.23	10	574.46	120.47	38.10	3	510.18	57.93	33.44

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	34.44	13.23	4.18	10	33.90	21.80	6.89	10	44.82	21.32	6.74	3	37.72	6.16	3.55
	2	10	20.06	7.65	2.42	10	26.79	12.15	3.84	10	31.28	8.48	2.68	3	26.04	5.65	3.26
	3	10	18.40	11.29	3.57	10	22.59	12.55	3.97	10	30.28	9.93	3.14	3	23.76	6.03	3.48
	4	10	27.51	10.90	3.45	10	37.78	21.40	6.77	10	36.53	17.19	5.44	3	33.94	5.61	3.24
	5	10	16.71	9.39	2.97	10	17.25	3.61	1.14	10	22.77	9.74	3.08	3	18.91	3.35	1.93
	6	10	5.05	2.27	0.72	10	12.79	5.56	1.76	10	10.24	3.77	1.19	3	9.36	3.95	2.28
	7	10	10.64	2.63	0.83	10	15.31	1.89	0.60	10	16.42	5.23	1.65	3	14.12	3.07	1.77
	8	10	0.03	0.06	0.02	10	0.14	0.16	0.05	10	0.06	0.09	0.03	3	0.08	0.06	0.03
	9	10	117.12	36.04	11.40	10	138.32	52.50	16.60	10	165.68	38.57	12.20	3	140.37	24.35	14.06
30-Minute	1	10	45.38	34.33	10.85	10	48.95	33.35	10.55	10	41.36	24.85	7.86	3	45.23	3.80	2.19
	2	10	32.13	18.09	5.72	10	23.09	20.93	6.62	10	21.94	4.00	1.27	3	25.72	5.58	3.22
	3	10	28.73	13.82	4.37	10	25.88	17.80	5.63	10	22.18	5.71	1.80	3	25.59	3.28	1.90
	4	10	33.81	9.71	3.07	10	34.67	18.89	5.97	10	25.37	7.44	2.35	3	31.28	5.14	2.96
	5	10	18.31	4.11	1.30	10	17.37	4.83	1.53	10	19.33	4.41	1.39	3	18.34	0.98	0.57
	6	10	8.65	4.82	1.52	10	9.93	4.21	1.33	10	8.99	2.93	0.93	3	9.19	0.66	0.38
	7	10	11.56	5.59	1.77	10	14.30	2.23	0.70	10	14.26	2.66	0.84	3	13.37	1.57	0.91
	8	10	0.07	0.15	0.05	10	0.09	0.12	0.04	10	0.11	0.16	0.05	3	0.09	0.02	0.01
	9	10	158.36	55.20	17.45	10	149.95	63.34	20.03	10	130.19	28.36	8.97	3	146.17	14.46	8.35
90-Minute	1	10	20.72	16.83	5.32	10	23.21	12.80	4.05	10	33.00	20.25	6.40	3	25.64	6.49	3.75
	2	10	21.88	15.51	4.91	10	17.93	12.23	3.87	10	25.32	19.47	6.16	3	21.71	3.70	2.14
	3	10	22.93	26.78	8.47	10	23.98	15.03	4.75	10	21.54	11.11	3.51	3	22.82	1.22	0.71
	4	10	33.77	22.64	7.16	10	38.05	13.51	4.27	10	30.11	21.51	6.80	3	33.98	3.97	2.29
	5	10	24.47	11.59	3.66	10	20.83	5.21	1.65	10	17.41	3.87	1.22	3	20.90	3.53	2.04
	6	10	13.97	4.51	1.43	10	12.21	2.47	0.78	10	8.39	3.96	1.25	3	11.52	2.85	1.65
	7	10	20.08	7.61	2.41	10	20.81	6.78	2.14	10	16.69	5.41	1.71	3	19.19	2.20	1.27
	8	10	0.24	0.28	0.09	10	0.16	0.17	0.05	10	0.10	0.17	0.05	3	0.17	0.07	0.04
	9	10	123.76	77.40	24.48	10	124.00	44.69	14.13	10	127.48	58.40	18.47	3	125.08	2.08	1.20
300-Minute	1	10	18.88	8.68	2.74	10	17.73	10.08	3.19	10	22.76	15.53	4.91	3	19.79	2.63	1.52
	2	10	21.98	10.32	3.26	10	12.26	5.82	1.84	10	17.30	10.76	3.40	3	17.18	4.86	2.81
	3	10	19.75	14.75	4.67	10	14.43	5.36	1.70	10	18.07	5.94	1.88	3	17.42	2.72	1.57
	4	10	34.41	20.95	6.63	10	25.01	15.92	5.03	10	29.77	13.61	4.30	3	29.73	4.70	2.72
	5	10	20.13	7.04	2.23	10	22.39	7.80	2.47	10	15.53	5.24	1.66	3	19.35	3.49	2.02
	6	10	11.08	4.99	1.58	10	11.96	4.53	1.43	10	4.68	0.93	0.29	3	9.24	3.97	2.29
	7	10	18.72	5.42	1.71	10	23.72	8.71	2.76	10	11.57	3.20	1.01	3	18.00	6.11	3.52
	8	10	0.15	0.16	0.05	10	0.28	0.24	0.07	10	0.11	0.13	0.04	3	0.18	0.09	0.05
	9	10	115.15	31.33	9.91	10	91.83	38.92	12.31	10	103.44	22.67	7.17	3	103.47	11.66	6.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	31.90	21.77	6.89	10	21.77	10.90	3.45	10	30.12	17.78	5.62	3	27.93	5.41	3.12
	2	10	31.58	18.15	5.74	10	19.18	13.74	4.34	10	29.41	16.62	5.26	3	26.72	6.62	3.82
	3	10	28.50	18.59	5.88	10	22.08	12.45	3.94	10	23.94	14.99	4.74	3	24.84	3.30	1.91
	4	10	35.08	15.05	4.76	10	45.33	36.04	11.40	10	32.05	9.69	3.06	3	37.49	6.96	4.02
	5	10	16.80	5.10	1.61	10	27.00	15.60	4.93	10	20.90	5.58	1.76	3	21.57	5.14	2.97
	6	10	5.89	3.36	1.06	10	12.89	7.29	2.30	10	11.94	3.58	1.13	3	10.24	3.80	2.19
	7	10	13.68	3.00	0.95	10	23.60	8.85	2.80	10	24.29	4.46	1.41	3	20.52	5.93	3.43
	8	10	0.06	0.10	0.03	10	0.21	0.16	0.05	10	0.16	0.12	0.04	3	0.14	0.08	0.04
	9	10	143.86	67.10	21.22	10	135.37	54.87	17.35	10	136.41	49.09	15.52	3	138.55	4.63	2.67

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	39.35	16.02	5.07	10	49.22	36.19	11.45	10	51.94	15.31	4.84	3	46.84	6.63	3.83
	2	10	22.26	9.92	3.14	10	29.54	15.65	4.95	10	29.94	9.65	3.05	3	27.24	4.32	2.50
	3	10	18.42	8.20	2.59	10	20.78	5.47	1.73	10	28.43	14.61	4.62	3	22.54	5.23	3.02
	4	10	30.60	24.78	7.84	10	45.22	24.59	7.78	10	37.71	21.10	6.67	3	37.85	7.31	4.22
	5	10	22.12	24.24	7.66	10	30.66	25.08	7.93	10	15.05	3.16	1.00	3	22.61	7.82	4.51
	6	10	10.41	11.45	3.62	10	15.97	12.01	3.80	10	9.70	4.68	1.48	3	12.02	3.43	1.98
	7	10	43.44	96.47	30.51	10	52.02	64.29	20.33	10	12.36	6.17	1.95	3	35.94	20.87	12.05
	8	10	0.70	2.01	0.63	10	0.65	0.89	0.28	10	0.05	0.12	0.04	3	0.47	0.36	0.21
	9	10	132.75	66.76	21.11	10	175.42	55.49	17.55	10	163.07	48.98	15.49	3	157.08	21.96	12.68
30-Minute	1	10	51.65	32.92	10.41	10	66.08	32.65	10.32	10	46.63	22.33	7.06	3	54.79	10.10	5.83
	2	10	28.90	16.81	5.32	10	28.95	21.26	6.72	10	21.68	6.37	2.01	3	26.51	4.19	2.42
	3	10	28.13	17.73	5.61	10	22.79	12.58	3.98	10	17.61	6.51	2.06	3	22.84	5.26	3.04
	4	10	48.84	29.30	9.27	10	35.80	25.11	7.94	10	24.79	9.33	2.95	3	36.47	12.04	6.95
	5	10	27.23	24.64	7.79	10	16.72	12.18	3.85	10	15.43	4.83	1.53	3	19.80	6.47	3.74
	6	10	13.47	13.90	4.40	10	11.52	11.00	3.48	10	6.35	2.85	0.90	3	10.45	3.68	2.12
	7	10	37.99	54.58	17.26	10	29.95	33.45	10.58	10	11.73	7.70	2.43	3	26.56	13.46	7.77
	8	10	0.39	0.57	0.18	10	0.21	0.38	0.12	10	0.04	0.05	0.02	3	0.21	0.18	0.10
	9	10	184.75	72.74	23.00	10	170.35	63.60	20.11	10	126.13	23.59	7.46	3	160.41	30.54	17.63
90-Minute	1	10	36.44	29.46	9.32	10	28.07	21.89	6.92	10	36.59	23.50	7.43	3	33.70	4.87	2.81
	2	10	26.51	16.83	5.32	10	26.26	10.04	3.18	10	32.27	15.51	4.91	3	28.35	3.40	1.96
	3	10	24.25	12.95	4.10	10	44.25	11.48	3.63	10	32.21	14.24	4.50	3	33.57	10.07	5.81
	4	10	35.73	25.03	7.91	10	86.20	35.78	11.31	10	54.23	29.23	9.24	3	58.72	25.53	14.74
	5	10	52.93	70.41	22.27	10	123.92	78.91	24.95	10	43.15	32.30	10.21	3	73.33	44.08	25.45
	6	10	44.94	76.26	24.11	10	73.88	34.29	10.84	10	28.20	31.37	9.92	3	49.00	23.11	13.34
	7	10	136.95	247.50	78.27	10	309.04	127.83	40.42	10	116.05	134.72	42.60	3	187.35	105.91	61.15
	8	10	0.97	1.79	0.57	10	5.02	3.15	1.00	10	1.23	1.51	0.48	3	2.41	2.27	1.31
	9	10	175.86	126.60	40.03	10	308.70	84.11	26.60	10	199.19	83.48	26.40	3	227.91	70.93	40.95
300-Minute	1	10	36.17	19.98	6.32	10	30.40	8.40	2.66	10	23.46	12.61	3.99	3	30.01	6.36	3.67
	2	10	26.92	18.08	5.72	10	29.30	14.52	4.59	10	22.37	12.40	3.92	3	26.20	3.52	2.03
	3	10	40.56	22.90	7.24	10	55.86	21.14	6.69	10	28.42	6.89	2.18	3	41.61	13.75	7.94
	4	10	66.38	42.95	13.58	10	75.88	26.80	8.47	10	42.44	23.37	7.39	3	61.57	17.23	9.95
	5	10	90.04	73.86	23.36	10	223.44	117.36	37.11	10	42.42	29.55	9.34	3	118.64	93.84	54.18
	6	10	48.27	47.27	14.95	10	127.79	67.56	21.37	10	17.68	15.49	4.90	3	64.58	56.84	32.82
	7	10	281.77	247.26	78.19	10	473.43	225.77	71.39	10	64.04	57.82	18.28	3	273.08	204.83	118.26
	8	10	3.91	4.32	1.37	10	7.88	5.21	1.65	10	0.90	1.16	0.37	3	4.23	3.50	2.02
	9	10	260.07	154.40	48.82	10	414.87	151.93	48.04	10	159.11	53.29	16.85	3	278.02	128.82	74.38

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	43.91	19.71	6.23	10	41.54	14.83	4.69	10	38.44	20.28	6.41	3	41.30	2.74	1.58
	2	10	39.10	18.15	5.74	10	44.44	16.07	5.08	10	45.17	28.62	9.05	3	42.90	3.31	1.91
	3	10	35.03	19.27	6.09	10	59.30	25.69	8.12	10	47.57	23.90	7.56	3	47.30	12.14	7.01
	4	10	52.37	33.80	10.69	10	156.58	82.80	26.19	10	73.15	39.91	12.62	3	94.03	55.15	31.84
	5	10	32.80	30.90	9.77	10	156.14	86.36	27.31	10	68.10	40.09	12.68	3	85.68	63.52	36.67
	6	10	18.52	16.19	5.12	10	95.07	39.86	12.60	10	45.44	31.72	10.03	3	53.01	38.84	22.42
	7	10	75.74	102.03	32.27	10	483.60	201.15	63.61	10	167.54	139.04	43.97	3	242.29	213.96	123.53
	8	10	1.21	1.91	0.60	10	7.22	3.85	1.22	10	1.53	1.35	0.43	3	3.32	3.38	1.95
	9	10	203.21	64.05	20.25	10	458.00	139.92	44.25	10	272.43	121.43	38.40	3	311.21	131.75	76.07

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.55	0.76	0.24	10	2.20	0.59	0.19	9	2.61	0.70	0.23	3	2.45	0.22	0.13
	2	7	6.07	1.21	0.46	8	5.50	0.89	0.31	9	5.78	1.03	0.34	3	5.78	0.29	0.16
	3	10	9.90	1.35	0.43	10	9.95	1.14	0.36	9	11.33	1.12	0.37	3	10.39	0.81	0.47
	4	10	15.40	0.94	0.30	10	15.15	1.31	0.42	10	14.85	0.97	0.31	3	15.13	0.28	0.16
	5	10	21.03	1.60	0.51	10	21.35	2.26	0.72	10	21.25	1.74	0.55	3	21.21	0.17	0.10
	9	10	4.35	4.19	1.33	10	12.50	9.37	2.96	10	14.70	6.10	1.93	3	10.52	5.45	3.15
30-Minute	1	10	2.60	0.81	0.26	10	2.30	0.54	0.17	10	2.55	0.76	0.24	3	2.48	0.16	0.09
	2	9	5.94	0.81	0.27	9	6.00	0.97	0.32	10	6.00	0.71	0.22	3	5.98	0.03	0.02
	3	10	10.45	1.28	0.40	10	10.70	1.51	0.48	10	11.15	1.18	0.37	3	10.77	0.35	0.20
	4	10	14.55	1.38	0.44	10	14.80	1.14	0.36	10	15.60	1.33	0.42	3	14.98	0.55	0.32
	5	10	22.00	1.89	0.60	10	22.10	1.78	0.56	10	20.85	1.67	0.53	3	21.65	0.69	0.40
	9	10	10.40	6.50	2.06	10	11.05	9.45	2.99	10	11.15	9.47	2.99	3	10.87	0.41	0.24
90-Minute	1	10	2.30	0.59	0.19	9	2.28	0.62	0.21	9	2.72	0.67	0.22	3	2.43	0.25	0.14
	2	10	6.15	1.06	0.33	10	5.60	0.88	0.28	10	5.40	1.05	0.33	3	5.72	0.39	0.22
	3	10	10.80	1.27	0.40	10	10.90	1.20	0.38	10	11.45	1.07	0.34	3	11.05	0.35	0.20
	4	10	16.35	1.11	0.35	10	14.95	0.98	0.31	10	15.20	1.16	0.37	3	15.50	0.75	0.43
	5	10	21.45	2.05	0.65	10	21.90	1.87	0.59	10	21.15	1.33	0.42	3	21.50	0.38	0.22
	9	10	16.75	7.68	2.43	10	18.35	6.73	2.13	10	16.75	6.18	1.95	3	17.28	0.92	0.53
300-Minute	1	10	2.50	0.75	0.24	10	2.65	0.85	0.27	9	2.50	0.83	0.28	3	2.55	0.09	0.05
	2	10	6.15	0.94	0.30	10	5.70	0.67	0.21	10	5.35	0.82	0.26	3	5.73	0.40	0.23
	3	10	10.75	1.27	0.40	10	11.15	1.18	0.37	10	11.15	1.42	0.45	3	11.02	0.23	0.13
	4	10	15.80	0.95	0.30	10	15.70	1.25	0.40	10	15.85	1.23	0.39	3	15.78	0.08	0.04
	5	10	22.80	1.62	0.51	10	22.10	2.14	0.68	10	22.50	1.89	0.60	3	22.47	0.35	0.20
	9	10	14.35	8.21	2.60	10	21.30	4.06	1.28	10	11.10	9.22	2.92	3	15.58	5.21	3.01
600-Minute	1	10	2.80	0.71	0.23	8	2.44	0.73	0.26	9	2.61	0.78	0.26	3	2.62	0.18	0.10
	2	9	6.00	0.97	0.32	10	6.20	0.86	0.27	9	5.56	1.04	0.35	3	5.92	0.33	0.19
	3	10	11.00	1.27	0.40	10	10.95	1.42	0.45	10	10.95	1.07	0.34	3	10.97	0.03	0.02
	4	10	15.65	1.47	0.47	10	15.40	1.39	0.44	10	14.95	0.69	0.22	3	15.33	0.35	0.20
	5	10	20.40	2.02	0.64	10	20.90	1.61	0.51	10	22.50	1.31	0.41	3	21.27	1.10	0.63
	9	10	15.55	5.26	1.66	10	18.20	2.98	0.94	10	12.15	8.99	2.84	3	15.30	3.03	1.75

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.85	0.63	0.20	9	2.53	0.96	0.32	9	2.28	0.75	0.25	3	2.55	0.29	0.17
	2	9	6.39	0.99	0.33	8	5.56	0.82	0.29	9	5.89	0.96	0.32	3	5.95	0.42	0.24
	3	10	10.90	1.24	0.39	8	10.31	1.19	0.42	10	11.15	1.20	0.38	3	10.79	0.43	0.25
	4	10	15.40	1.26	0.40	10	15.10	1.17	0.37	10	14.85	0.75	0.24	3	15.12	0.28	0.16
	5	10	21.00	1.41	0.45	10	20.50	1.37	0.43	10	21.15	1.76	0.56	3	20.88	0.34	0.20
	9	10	11.35	9.40	2.97	10	15.45	7.77	2.46	10	14.15	6.21	1.97	3	13.65	2.10	1.21
30-Minute	1	10	2.25	0.79	0.25	10	2.50	0.85	0.27	10	2.65	0.67	0.21	3	2.47	0.20	0.12
	2	9	6.11	0.89	0.30	10	6.00	1.20	0.38	10	6.00	0.94	0.30	3	6.04	0.06	0.04
	3	10	10.65	1.45	0.46	10	10.65	1.43	0.45	10	9.45	1.19	0.38	3	10.25	0.69	0.40
	4	10	14.85	1.38	0.43	10	15.05	0.72	0.23	10	15.15	1.40	0.44	3	15.02	0.15	0.09
	5	10	21.10	1.54	0.49	10	20.80	1.70	0.54	10	20.50	1.05	0.33	3	20.80	0.30	0.17
	9	10	7.15	5.66	1.79	10	7.75	8.04	2.54	10	6.85	6.43	2.03	3	7.25	0.46	0.26
90-Minute	1	10	2.20	0.67	0.21	10	2.40	0.74	0.23	10	2.15	0.63	0.20	3	2.25	0.13	0.08
	2	10	5.00	0.75	0.24	10	5.95	0.98	0.31	9	5.00	0.50	0.17	3	5.32	0.55	0.32
	3	10	10.65	0.91	0.29	9	10.83	1.20	0.40	10	10.65	1.53	0.48	3	10.71	0.11	0.06
	4	10	16.20	1.18	0.37	10	14.70	0.86	0.27	10	14.70	1.11	0.35	3	15.20	0.87	0.50
	5	10	20.60	1.60	0.50	10	21.10	1.97	0.62	10	21.10	1.81	0.57	3	20.93	0.29	0.17
	9	10	6.65	7.66	2.42	10	10.25	7.84	2.48	10	14.55	7.46	2.36	3	10.48	3.96	2.28
300-Minute	1	9	2.56	0.58	0.19	10	2.35	0.94	0.30	9	2.72	0.57	0.19	3	2.54	0.19	0.11
	2	9	6.17	0.87	0.29	9	5.72	0.62	0.21	10	5.90	0.97	0.31	3	5.93	0.22	0.13
	3	10	10.40	1.24	0.39	10	10.20	1.53	0.48	10	11.15	1.18	0.37	3	10.58	0.50	0.29
	4	10	16.15	1.06	0.33	10	16.25	0.98	0.31	10	16.30	0.67	0.21	3	16.23	0.08	0.04
	5	10	20.95	1.89	0.60	10	21.20	1.75	0.55	10	20.55	1.77	0.56	3	20.90	0.33	0.19
	9	10	9.60	6.83	2.16	10	11.55	9.69	3.07	10	10.95	7.24	2.29	3	10.70	1.00	0.58
600-Minute	1	10	2.65	0.78	0.25	8	1.94	0.56	0.20	9	2.50	0.66	0.22	3	2.36	0.38	0.22
	2	9	5.89	0.89	0.30	9	6.33	0.90	0.30	8	5.31	0.88	0.31	3	5.84	0.51	0.30
	3	10	11.20	1.03	0.33	10	11.15	1.18	0.37	10	11.00	1.00	0.32	3	11.12	0.10	0.06
	4	10	15.20	1.27	0.40	10	15.55	1.12	0.35	10	15.65	1.25	0.39	3	15.47	0.24	0.14
	5	10	19.90	1.60	0.50	10	21.05	1.96	0.62	10	20.65	1.94	0.61	3	20.53	0.58	0.34
	9	10	10.40	6.85	2.17	10	15.35	5.54	1.75	10	7.10	5.01	1.58	3	10.95	4.15	2.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.37	0.52	0.18	6	1.92	0.38	0.15	10	1.80	0.54	0.17	3	2.03	0.30	0.18
	2	9	6.39	0.93	0.31	9	5.83	1.06	0.35	9	6.17	1.30	0.43	3	6.13	0.28	0.16
	3	10	10.40	1.45	0.46	9	10.50	1.12	0.37	8	11.00	1.04	0.37	3	10.63	0.32	0.19
	4	10	15.30	0.82	0.26	10	14.95	1.55	0.49	10	14.65	0.94	0.30	3	14.97	0.33	0.19
	5	10	21.80	1.69	0.53	10	20.90	1.91	0.60	10	20.65	1.84	0.58	3	21.12	0.60	0.35
	9	10	6.55	6.13	1.94	10	7.05	5.79	1.83	10	2.35	1.13	0.36	3	5.32	2.58	1.49
30-Minute	1	8	2.00	0.60	0.21	9	1.94	0.63	0.21	9	2.06	0.77	0.26	3	2.00	0.06	0.03
	2	10	5.45	0.72	0.23	9	6.39	0.78	0.26	10	5.90	1.33	0.42	3	5.91	0.47	0.27
	3	9	11.28	0.51	0.17	9	10.17	1.41	0.47	10	9.95	1.36	0.43	3	10.46	0.71	0.41
	4	10	14.55	0.86	0.27	10	15.25	1.27	0.40	9	14.67	0.94	0.31	3	14.82	0.38	0.22
	5	10	21.25	2.02	0.64	10	21.40	1.58	0.50	10	20.45	1.77	0.56	3	21.03	0.51	0.29
	9	10	7.65	5.49	1.74	10	4.15	4.61	1.46	10	4.65	5.66	1.79	3	5.48	1.89	1.09
90-Minute	1	8	2.19	0.65	0.23	8	3.06	0.56	0.20	9	2.44	0.68	0.23	3	2.56	0.45	0.26
	2	9	5.72	0.87	0.29	10	6.20	1.18	0.37	8	5.94	0.90	0.32	3	5.95	0.24	0.14
	3	10	9.95	1.54	0.49	10	10.70	1.32	0.42	10	11.20	1.34	0.42	3	10.62	0.63	0.36
	4	10	15.10	1.29	0.41	10	15.75	1.25	0.40	10	15.15	1.43	0.45	3	15.33	0.36	0.21
	5	10	21.65	1.84	0.58	10	22.15	1.55	0.49	10	21.00	2.29	0.72	3	21.60	0.58	0.33
	9	10	9.00	7.96	2.52	10	18.20	5.80	1.83	10	10.20	7.09	2.24	3	12.47	5.00	2.89
300-Minute	1	10	2.25	0.68	0.21	10	2.45	0.64	0.20	6	2.75	0.88	0.36	3	2.48	0.25	0.15
	2	10	5.85	0.91	0.29	10	5.40	0.97	0.31	10	5.85	1.08	0.34	3	5.70	0.26	0.15
	3	9	10.61	1.02	0.34	10	11.50	1.05	0.33	10	10.55	1.42	0.45	3	10.89	0.53	0.31
	4	10	15.70	1.38	0.44	9	15.94	1.38	0.46	10	15.20	1.36	0.43	3	15.61	0.38	0.22
	5	10	20.75	1.75	0.55	10	22.15	1.72	0.54	10	21.35	1.81	0.57	3	21.42	0.70	0.41
	9	10	12.10	6.78	2.14	10	20.25	4.07	1.29	10	12.40	7.11	2.25	3	14.92	4.62	2.67
600-Minute	1	10	2.10	0.61	0.19	8	2.31	0.80	0.28	10	2.75	0.59	0.19	3	2.39	0.33	0.19
	2	10	5.70	1.03	0.33	10	6.05	0.86	0.27	10	5.75	1.16	0.37	3	5.83	0.19	0.11
	3	10	11.10	1.26	0.40	10	10.60	1.20	0.38	10	10.30	1.25	0.40	3	10.67	0.40	0.23
	4	9	15.39	1.45	0.48	10	15.70	1.51	0.48	10	15.30	0.95	0.30	3	15.46	0.21	0.12
	5	10	21.50	1.80	0.57	10	21.45	1.72	0.54	10	20.85	1.60	0.51	3	21.27	0.36	0.21
	9	10	8.10	6.90	2.18	10	17.45	2.48	0.78	10	11.60	6.12	1.94	3	12.38	4.72	2.73

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.39	0.60	0.20	9	2.06	0.68	0.23	10	2.30	0.67	0.21	3	2.25	0.17	0.10
	2	10	5.85	0.88	0.28	10	6.05	1.01	0.32	10	6.65	0.97	0.31	3	6.18	0.42	0.24
	3	10	10.40	1.26	0.40	10	11.45	1.07	0.34	10	11.60	0.94	0.30	3	11.15	0.65	0.38
	4	10	15.05	1.19	0.38	10	14.75	1.32	0.42	10	14.50	1.00	0.32	3	14.77	0.28	0.16
	5	10	22.05	2.10	0.66	10	22.55	1.32	0.42	10	21.60	2.22	0.70	3	22.07	0.48	0.27
	9	10	5.55	6.17	1.95	10	8.75	7.53	2.38	10	7.25	7.13	2.26	3	7.18	1.60	0.92
30-Minute	1	8	2.44	0.82	0.29	10	2.25	0.72	0.23	9	2.56	0.81	0.27	3	2.41	0.15	0.09
	2	7	5.64	0.99	0.37	9	6.22	1.00	0.33	9	6.00	1.22	0.41	3	5.96	0.29	0.17
	3	10	11.25	0.68	0.21	8	11.00	1.28	0.45	10	10.70	1.30	0.41	3	10.98	0.28	0.16
	4	10	14.45	0.98	0.31	10	14.50	1.20	0.38	10	14.80	0.86	0.27	3	14.58	0.19	0.11
	5	10	20.80	1.80	0.57	10	21.50	1.81	0.57	10	19.95	1.55	0.49	3	20.75	0.78	0.45
	9	10	5.10	4.40	1.39	10	5.50	5.34	1.69	10	4.35	3.61	1.14	3	4.98	0.58	0.34
90-Minute	1	10	1.90	0.46	0.15	10	2.45	0.69	0.22	9	2.39	0.49	0.16	3	2.25	0.30	0.17
	2	10	5.20	0.71	0.23	8	5.75	1.20	0.42	10	6.10	1.02	0.32	3	5.68	0.45	0.26
	3	10	10.85	1.36	0.43	9	10.72	1.28	0.43	10	11.10	1.35	0.43	3	10.89	0.19	0.11
	4	9	15.06	1.10	0.37	10	14.65	1.18	0.37	10	14.80	0.98	0.31	3	14.84	0.21	0.12
	5	10	21.95	1.72	0.54	10	22.10	2.13	0.67	10	20.65	1.11	0.35	3	21.57	0.80	0.46
	9	10	12.70	6.21	1.96	10	11.25	5.69	1.80	10	8.90	6.07	1.92	3	10.95	1.92	1.11
300-Minute	1	9	2.83	0.75	0.25	9	2.67	0.56	0.19	10	2.20	0.67	0.21	3	2.57	0.33	0.19
	2	9	6.17	0.61	0.20	10	5.80	1.11	0.35	9	5.72	0.79	0.26	3	5.90	0.24	0.14
	3	10	10.75	0.89	0.28	10	10.90	1.20	0.38	10	10.55	1.38	0.44	3	10.73	0.18	0.10
	4	10	15.70	1.36	0.43	10	15.75	1.48	0.47	10	15.45	1.12	0.35	3	15.63	0.16	0.09
	5	10	21.50	2.20	0.70	10	20.15	1.25	0.39	10	21.25	1.65	0.52	3	20.97	0.72	0.41
	9	10	9.70	5.86	1.85	10	7.90	6.89	2.18	10	10.40	6.01	1.90	3	9.33	1.29	0.74
600-Minute	1	9	2.72	0.71	0.24	8	2.31	0.37	0.13	10	2.65	0.75	0.24	3	2.56	0.22	0.13
	2	10	5.95	1.12	0.35	10	6.10	1.10	0.35	10	6.00	0.82	0.26	3	6.02	0.08	0.04
	3	10	10.90	1.52	0.48	10	10.90	1.07	0.34	10	10.35	1.55	0.49	3	10.72	0.32	0.18
	4	10	15.45	1.23	0.39	10	14.90	1.26	0.40	9	14.67	0.97	0.32	3	15.01	0.40	0.23
	5	10	20.00	1.41	0.45	10	20.30	1.99	0.63	10	20.95	1.23	0.39	3	20.42	0.49	0.28
	9	10	7.35	6.34	2.01	10	9.60	7.57	2.39	10	7.05	5.46	1.73	3	8.00	1.39	0.80

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.34	0.34	0.11	10	2.29	0.20	0.06	10	2.47	0.31	0.10	3	2.37	0.09	0.05
	2	10	5.40	0.48	0.15	10	5.29	0.27	0.08	10	5.51	0.46	0.15	3	5.40	0.11	0.06
	3	10	10.24	0.36	0.11	10	10.22	0.32	0.10	10	10.51	0.48	0.15	3	10.32	0.16	0.09
	4	10	15.21	0.38	0.12	10	15.21	0.41	0.13	10	15.18	0.56	0.18	3	15.20	0.02	0.01
	5	10	21.21	0.39	0.12	10	21.50	0.65	0.21	10	21.19	0.47	0.15	3	21.30	0.17	0.10
	9	10	10.58	2.16	0.68	10	12.90	1.53	0.48	10	13.84	1.11	0.35	3	12.44	1.68	0.97
30-Minute	1	10	2.30	0.26	0.08	10	2.24	0.24	0.08	10	2.33	0.36	0.12	3	2.29	0.04	0.02
	2	10	5.61	0.32	0.10	10	5.56	0.37	0.12	10	5.53	0.40	0.13	3	5.57	0.04	0.02
	3	10	10.45	0.52	0.16	10	10.33	0.32	0.10	10	10.52	0.41	0.13	3	10.43	0.10	0.06
	4	10	14.82	0.57	0.18	10	15.20	0.41	0.13	10	15.32	0.46	0.15	3	15.11	0.26	0.15
	5	10	21.31	0.37	0.12	10	21.32	0.53	0.17	10	21.32	0.44	0.14	3	21.31	0.01	0.00
	9	10	12.08	1.43	0.45	10	11.98	1.69	0.54	10	12.67	1.20	0.38	3	12.24	0.37	0.22
90-Minute	1	10	2.30	0.24	0.08	10	2.31	0.28	0.09	10	2.45	0.25	0.08	3	2.35	0.09	0.05
	2	10	5.54	0.37	0.12	10	5.56	0.32	0.10	10	5.37	0.28	0.09	3	5.49	0.11	0.06
	3	10	10.29	0.43	0.14	10	10.32	0.35	0.11	10	10.54	0.39	0.12	3	10.38	0.13	0.08
	4	10	15.53	0.45	0.14	10	15.26	0.37	0.12	10	15.22	0.41	0.13	3	15.34	0.17	0.10
	5	10	21.36	0.49	0.15	10	21.36	0.40	0.13	10	21.21	0.54	0.17	3	21.31	0.08	0.05
	9	10	13.94	2.04	0.64	10	14.74	1.27	0.40	10	13.51	1.50	0.48	3	14.06	0.62	0.36
300-Minute	1	10	2.32	0.24	0.08	10	2.36	0.29	0.09	10	2.40	0.30	0.10	3	2.36	0.04	0.02
	2	10	5.52	0.27	0.08	10	5.58	0.30	0.09	10	5.49	0.17	0.05	3	5.53	0.05	0.03
	3	10	10.37	0.51	0.16	10	10.41	0.37	0.12	10	10.57	0.38	0.12	3	10.45	0.11	0.06
	4	10	15.52	0.43	0.14	10	15.37	0.57	0.18	10	15.19	0.41	0.13	3	15.36	0.17	0.10
	5	10	21.36	0.45	0.14	10	21.34	0.55	0.17	10	21.47	0.62	0.19	3	21.39	0.07	0.04
	9	10	13.55	1.38	0.44	10	15.11	1.39	0.44	10	12.22	1.48	0.47	3	13.62	1.45	0.83
600-Minute	1	10	2.47	0.24	0.07	10	2.39	0.20	0.06	10	2.45	0.32	0.10	3	2.44	0.04	0.03
	2	10	5.37	0.26	0.08	10	5.67	0.43	0.14	10	5.30	0.27	0.09	3	5.45	0.20	0.11
	3	10	10.62	0.43	0.14	10	10.46	0.40	0.13	10	10.34	0.26	0.08	3	10.47	0.14	0.08
	4	10	15.25	0.63	0.20	10	15.38	0.39	0.12	10	15.02	0.47	0.15	3	15.21	0.18	0.10
	5	10	20.69	0.48	0.15	10	21.24	0.43	0.14	10	21.59	0.33	0.11	3	21.17	0.46	0.26
	9	10	12.56	1.45	0.46	10	14.36	1.26	0.40	10	12.77	1.35	0.43	3	13.23	0.98	0.57

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.46	0.32	0.10	10	2.42	0.21	0.07	10	2.36	0.25	0.08	3	2.41	0.05	0.03
	2	10	5.42	0.34	0.11	10	5.31	0.31	0.10	10	5.43	0.42	0.13	3	5.39	0.06	0.04
	3	10	10.17	0.26	0.08	10	10.25	0.31	0.10	10	10.57	0.45	0.14	3	10.33	0.21	0.12
	4	10	15.30	0.36	0.11	10	15.31	0.46	0.15	10	15.16	0.51	0.16	3	15.25	0.08	0.05
	5	10	21.26	0.52	0.17	10	21.17	0.52	0.17	10	20.75	0.43	0.14	3	21.06	0.27	0.16
	9	10	13.29	2.80	0.89	10	13.15	1.55	0.49	10	12.99	0.90	0.29	3	13.14	0.15	0.08
30-Minute	1	10	2.23	0.25	0.08	10	2.24	0.29	0.09	10	2.41	0.23	0.07	3	2.29	0.10	0.06
	2	10	5.56	0.27	0.09	10	5.36	0.32	0.10	10	5.58	0.21	0.07	3	5.50	0.12	0.07
	3	10	10.42	0.33	0.10	10	10.37	0.38	0.12	10	10.29	0.48	0.15	3	10.36	0.06	0.04
	4	10	14.81	0.56	0.18	10	15.22	0.38	0.12	10	15.14	0.43	0.14	3	15.06	0.22	0.13
	5	10	20.63	0.42	0.13	10	21.01	0.47	0.15	10	20.97	0.29	0.09	3	20.87	0.21	0.12
	9	10	10.23	1.43	0.45	10	10.61	1.36	0.43	10	11.56	1.40	0.44	3	10.80	0.69	0.40
90-Minute	1	10	2.21	0.33	0.10	10	2.26	0.24	0.08	10	2.23	0.19	0.06	3	2.23	0.02	0.01
	2	10	5.54	0.14	0.05	10	5.63	0.30	0.10	10	5.42	0.13	0.04	3	5.53	0.10	0.06
	3	10	10.27	0.41	0.13	10	10.26	0.50	0.16	10	10.40	0.31	0.10	3	10.31	0.08	0.05
	4	10	15.45	0.57	0.18	10	15.22	0.35	0.11	10	15.11	0.21	0.07	3	15.26	0.18	0.10
	5	10	20.89	0.40	0.13	10	21.03	0.44	0.14	10	20.91	0.71	0.22	3	20.94	0.07	0.04
	9	10	11.30	1.75	0.55	10	12.38	1.12	0.36	10	12.21	1.29	0.41	3	11.97	0.58	0.33
300-Minute	1	10	2.37	0.21	0.07	10	2.34	0.42	0.13	10	2.30	0.36	0.12	3	2.34	0.03	0.02
	2	10	5.55	0.37	0.12	10	5.61	0.36	0.11	10	5.59	0.22	0.07	3	5.58	0.03	0.02
	3	10	10.36	0.29	0.09	10	10.26	0.38	0.12	10	10.58	0.41	0.13	3	10.40	0.16	0.09
	4	10	15.47	0.42	0.13	10	15.52	0.43	0.13	10	15.54	0.48	0.15	3	15.51	0.04	0.02
	5	10	20.92	0.60	0.19	10	20.98	0.49	0.15	10	20.61	0.55	0.18	3	20.83	0.20	0.12
	9	10	11.67	1.65	0.52	10	12.93	1.37	0.43	10	11.38	0.87	0.27	3	11.99	0.82	0.47
600-Minute	1	10	2.42	0.17	0.05	10	2.24	0.14	0.04	10	2.36	0.25	0.08	3	2.34	0.09	0.05
	2	10	5.37	0.33	0.10	10	5.64	0.33	0.10	10	5.24	0.34	0.11	3	5.42	0.20	0.12
	3	10	10.44	0.43	0.14	10	10.28	0.55	0.17	10	10.48	0.36	0.11	3	10.40	0.11	0.06
	4	10	15.04	0.52	0.16	10	15.45	0.58	0.18	10	15.07	0.38	0.12	3	15.19	0.23	0.13
	5	10	20.33	0.73	0.23	10	20.92	0.51	0.16	10	20.92	0.41	0.13	3	20.72	0.34	0.20
	9	10	10.76	1.65	0.52	10	12.59	1.54	0.49	10	10.49	1.45	0.46	3	11.28	1.14	0.66

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.15	0.40	0.13	10	1.99	0.24	0.08	10	2.03	0.24	0.08	3	2.06	0.08	0.05
	2	10	5.56	0.39	0.12	10	5.34	0.42	0.13	10	5.61	0.39	0.12	3	5.50	0.14	0.08
	3	10	10.01	0.30	0.09	10	10.58	0.25	0.08	10	10.36	0.36	0.11	3	10.32	0.29	0.17
	4	10	15.36	0.29	0.09	10	15.04	0.49	0.16	10	14.97	0.38	0.12	3	15.12	0.21	0.12
	5	10	21.24	0.38	0.12	10	20.88	0.39	0.12	10	20.81	0.37	0.12	3	20.98	0.23	0.13
	9	10	9.63	2.15	0.68	10	10.28	2.85	0.90	10	8.79	0.96	0.30	3	9.57	0.75	0.43
30-Minute	1	10	2.06	0.36	0.11	10	2.02	0.18	0.06	10	1.99	0.20	0.06	3	2.02	0.03	0.02
	2	10	5.53	0.29	0.09	10	5.48	0.37	0.12	10	5.40	0.30	0.09	3	5.47	0.07	0.04
	3	10	10.64	0.19	0.06	10	10.30	0.63	0.20	10	10.20	0.39	0.12	3	10.38	0.23	0.13
	4	10	14.84	0.45	0.14	10	14.97	0.43	0.14	10	14.97	0.34	0.11	3	14.93	0.07	0.04
	5	10	20.91	0.66	0.21	10	21.01	0.49	0.15	10	20.84	0.55	0.17	3	20.92	0.09	0.05
	9	10	9.94	2.57	0.81	10	8.05	2.63	0.83	10	8.79	1.93	0.61	3	8.93	0.95	0.55
90-Minute	1	10	2.06	0.29	0.09	10	2.28	0.28	0.09	10	2.19	0.37	0.12	3	2.18	0.11	0.06
	2	10	5.61	0.22	0.07	10	5.74	0.40	0.13	10	5.68	0.38	0.12	3	5.68	0.07	0.04
	3	10	10.30	0.48	0.15	10	10.47	0.42	0.13	10	10.32	0.47	0.15	3	10.36	0.09	0.05
	4	10	15.06	0.43	0.14	10	15.22	0.37	0.12	10	15.22	0.33	0.10	3	15.17	0.09	0.05
	5	10	21.16	0.52	0.16	10	21.28	0.31	0.10	10	20.71	0.54	0.17	3	21.05	0.30	0.17
	9	10	11.44	2.08	0.66	10	14.77	2.19	0.69	10	11.71	2.34	0.74	3	12.64	1.85	1.07
300-Minute	1	10	2.16	0.24	0.07	10	2.11	0.25	0.08	10	2.15	0.23	0.07	3	2.14	0.03	0.02
	2	10	5.76	0.35	0.11	10	5.60	0.32	0.10	10	5.58	0.25	0.08	3	5.65	0.10	0.06
	3	10	10.31	0.41	0.13	10	10.54	0.43	0.14	10	10.31	0.42	0.13	3	10.39	0.13	0.08
	4	10	15.56	0.37	0.12	10	15.47	0.56	0.18	10	15.18	0.31	0.10	3	15.40	0.20	0.12
	5	10	20.68	0.45	0.14	10	21.32	0.63	0.20	10	20.95	0.42	0.13	3	20.99	0.32	0.18
	9	10	12.85	2.60	0.82	10	15.70	2.26	0.72	10	12.16	2.84	0.90	3	13.57	1.88	1.08
600-Minute	1	10	2.26	0.17	0.05	10	2.24	0.37	0.12	10	2.38	0.24	0.08	3	2.30	0.08	0.04
	2	10	5.36	0.40	0.13	10	5.70	0.39	0.12	10	5.50	0.31	0.10	3	5.52	0.17	0.10
	3	10	10.44	0.64	0.20	10	10.40	0.41	0.13	10	10.42	0.38	0.12	3	10.42	0.02	0.01
	4	10	14.95	0.58	0.18	10	15.60	0.54	0.17	10	15.00	0.54	0.17	3	15.18	0.36	0.21
	5	10	20.91	0.62	0.20	10	21.11	0.53	0.17	10	20.89	0.37	0.12	3	20.97	0.12	0.07
	9	10	10.45	1.74	0.55	10	14.38	1.59	0.50	10	12.23	2.16	0.68	3	12.35	1.97	1.14

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.23	0.34	0.11	10	2.26	0.23	0.07	10	2.31	0.23	0.07	3	2.27	0.04	0.02
	2	10	5.41	0.35	0.11	10	5.41	0.31	0.10	10	5.46	0.35	0.11	3	5.42	0.03	0.02
	3	10	10.18	0.50	0.16	10	10.69	0.46	0.15	10	10.63	0.39	0.12	3	10.50	0.28	0.16
	4	10	15.23	0.41	0.13	10	14.85	0.47	0.15	10	14.84	0.40	0.13	3	14.97	0.22	0.13
	5	10	20.79	0.62	0.20	10	21.64	0.32	0.10	10	21.30	0.54	0.17	3	21.24	0.42	0.25
	9	10	9.70	1.59	0.50	10	10.38	1.78	0.56	10	9.92	1.22	0.38	3	10.00	0.35	0.20
30-Minute	1	10	2.21	0.44	0.14	10	2.27	0.27	0.09	10	2.25	0.16	0.05	3	2.24	0.03	0.02
	2	10	5.60	0.55	0.17	10	5.61	0.48	0.15	10	5.40	0.24	0.08	3	5.53	0.12	0.07
	3	10	10.29	0.25	0.08	10	10.41	0.44	0.14	10	10.22	0.42	0.13	3	10.31	0.10	0.06
	4	10	14.70	0.40	0.13	10	14.83	0.46	0.15	10	14.91	0.32	0.10	3	14.81	0.10	0.06
	5	10	20.73	0.35	0.11	10	21.14	0.35	0.11	10	21.13	0.35	0.11	3	21.00	0.23	0.13
	9	10	9.43	1.32	0.42	10	9.50	1.98	0.63	10	9.66	1.57	0.50	3	9.53	0.12	0.07
90-Minute	1	10	2.12	0.13	0.04	10	2.35	0.31	0.10	10	2.32	0.28	0.09	3	2.26	0.13	0.07
	2	10	5.53	0.36	0.11	10	5.50	0.45	0.14	10	5.65	0.32	0.10	3	5.56	0.08	0.05
	3	10	10.53	0.33	0.10	10	10.58	0.48	0.15	10	10.41	0.59	0.19	3	10.51	0.09	0.05
	4	10	14.98	0.54	0.17	10	14.94	0.46	0.15	10	14.94	0.28	0.09	3	14.95	0.02	0.01
	5	10	21.31	0.39	0.12	10	21.16	0.68	0.22	10	21.01	0.41	0.13	3	21.16	0.15	0.09
	9	10	11.83	1.58	0.50	10	11.72	1.33	0.42	10	10.29	1.73	0.55	3	11.28	0.86	0.50
300-Minute	1	10	2.46	0.29	0.09	10	2.24	0.26	0.08	10	2.22	0.24	0.08	3	2.30	0.13	0.08
	2	10	5.71	0.28	0.09	10	5.62	0.55	0.17	10	5.52	0.31	0.10	3	5.62	0.09	0.05
	3	10	10.43	0.38	0.12	10	10.48	0.38	0.12	10	10.58	0.57	0.18	3	10.50	0.08	0.04
	4	10	15.31	0.30	0.09	10	15.39	0.33	0.10	10	15.16	0.29	0.09	3	15.29	0.12	0.07
	5	10	21.02	0.42	0.13	10	20.93	0.58	0.18	10	20.83	0.55	0.17	3	20.92	0.09	0.05
	9	10	11.59	1.61	0.51	10	12.12	1.13	0.36	10	10.96	2.24	0.71	3	11.56	0.58	0.33
600-Minute	1	10	2.45	0.30	0.09	10	2.23	0.27	0.09	10	2.30	0.26	0.08	3	2.33	0.11	0.06
	2	10	5.40	0.28	0.09	10	5.60	0.33	0.11	10	5.64	0.33	0.10	3	5.55	0.13	0.08
	3	10	10.41	0.44	0.14	10	10.55	0.37	0.12	10	10.40	0.37	0.12	3	10.45	0.09	0.05
	4	10	15.03	0.56	0.18	10	15.00	0.68	0.22	10	14.94	0.42	0.13	3	14.99	0.05	0.03
	5	10	20.48	0.41	0.13	10	21.05	0.43	0.14	10	20.97	0.50	0.16	3	20.83	0.30	0.18
	9	10	10.13	1.29	0.41	10	12.13	1.69	0.54	10	10.61	1.80	0.57	3	10.96	1.04	0.60

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	27.37	8.91	2.82	10	16.37	6.11	1.93	10	12.61	5.89	1.86	3	18.78	7.67	4.43
	2	10	16.49	5.81	1.84	10	18.37	5.07	1.60	10	15.32	4.19	1.33	3	16.73	1.54	0.89
	3	10	15.21	6.93	2.19	10	11.62	3.10	0.98	10	11.96	2.92	0.92	3	12.93	1.98	1.14
	4	10	19.73	7.80	2.47	10	18.23	6.41	2.03	10	21.05	10.53	3.33	3	19.67	1.41	0.82
	5	10	21.20	10.59	3.35	10	35.40	8.40	2.65	10	39.06	11.15	3.53	3	31.89	9.44	5.45
30-Minute	1	10	19.56	8.60	2.72	10	21.08	8.97	2.84	10	20.21	3.51	1.11	3	20.28	0.76	0.44
	2	10	14.38	4.83	1.53	10	16.62	5.92	1.87	10	15.70	7.07	2.24	3	15.57	1.13	0.65
	3	10	14.51	5.14	1.62	10	14.57	4.49	1.42	10	12.81	3.62	1.14	3	13.96	1.00	0.58
	4	10	25.83	9.01	2.85	10	17.36	4.80	1.52	10	15.68	5.83	1.84	3	19.62	5.44	3.14
	5	10	25.72	7.75	2.45	10	30.37	9.79	3.10	10	35.61	5.62	1.78	3	30.57	4.94	2.85
90-Minute	1	10	15.02	8.68	2.74	10	11.44	3.67	1.16	10	13.69	3.60	1.14	3	13.38	1.81	1.04
	2	10	13.85	3.98	1.26	10	10.56	5.11	1.62	10	15.66	5.32	1.68	3	13.35	2.58	1.49
	3	10	10.94	3.39	1.07	10	12.58	4.45	1.41	10	11.39	5.34	1.69	3	11.64	0.85	0.49
	4	10	19.92	8.51	2.69	10	22.75	8.02	2.54	10	23.78	6.96	2.20	3	22.15	2.00	1.15
	5	10	40.28	10.29	3.25	10	42.67	7.58	2.40	10	35.32	12.10	3.83	3	39.42	3.75	2.16
300-Minute	1	10	14.75	5.33	1.69	10	9.83	3.79	1.20	10	14.89	5.81	1.84	3	13.16	2.89	1.67
	2	10	13.92	5.03	1.59	10	10.90	4.00	1.27	10	22.42	5.88	1.86	3	15.75	5.97	3.45
	3	10	13.87	5.18	1.64	10	14.83	4.60	1.46	10	13.61	3.87	1.22	3	14.10	0.64	0.37
	4	10	21.70	6.28	1.99	10	17.81	4.09	1.29	10	21.63	7.17	2.27	3	20.38	2.22	1.28
	5	10	35.75	9.19	2.91	10	46.63	8.98	2.84	10	27.45	6.35	2.01	3	36.61	9.62	5.55
600-Minute	1	10	14.81	4.24	1.34	10	10.90	4.63	1.46	10	16.66	5.94	1.88	3	14.12	2.94	1.70
	2	10	15.92	4.01	1.27	10	10.15	3.08	0.97	10	17.04	4.59	1.45	3	14.37	3.70	2.14
	3	10	15.06	6.63	2.10	10	15.39	4.44	1.40	10	12.76	3.15	1.00	3	14.40	1.43	0.83
	4	10	27.15	8.29	2.62	10	26.91	8.05	2.54	10	21.41	8.03	2.54	3	25.16	3.25	1.87
	5	10	27.07	11.00	3.48	10	36.66	10.18	3.22	10	32.12	7.38	2.34	3	31.95	4.80	2.77

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	19.27	8.17	2.58	10	14.74	4.55	1.44	10	15.55	5.31	1.68	3	16.52	2.41	1.39
	2	10	13.87	7.38	2.33	10	19.17	9.25	2.92	10	14.19	4.57	1.44	3	15.74	2.97	1.72
	3	10	10.60	3.39	1.07	10	10.91	3.25	1.03	10	13.96	4.08	1.29	3	11.82	1.86	1.07
	4	10	16.95	6.52	2.06	10	17.54	6.77	2.14	10	22.81	10.55	3.34	3	19.10	3.22	1.86
	5	10	39.32	17.55	5.55	10	37.63	10.10	3.19	10	33.49	9.19	2.90	3	36.81	3.00	1.73
30-Minute	1	10	26.26	9.51	3.01	10	26.89	8.06	2.55	10	23.28	7.15	2.26	3	25.47	1.93	1.11
	2	10	17.66	6.51	2.06	10	18.79	7.57	2.39	10	16.43	6.45	2.04	3	17.63	1.18	0.68
	3	10	14.46	3.26	1.03	10	13.00	5.01	1.58	10	13.43	3.86	1.22	3	13.63	0.75	0.43
	4	10	24.44	10.29	3.25	10	17.40	5.14	1.63	10	19.11	9.17	2.90	3	20.32	3.67	2.12
	5	10	17.18	7.67	2.43	10	23.92	8.92	2.82	10	27.75	4.76	1.51	3	22.95	5.35	3.09
90-Minute	1	10	24.31	8.61	2.72	10	18.31	4.54	1.44	10	16.18	5.47	1.73	3	19.60	4.22	2.43
	2	10	18.19	6.70	2.12	10	15.63	5.38	1.70	10	18.93	7.86	2.49	3	17.58	1.73	1.00
	3	10	11.93	3.94	1.24	10	15.75	4.08	1.29	10	13.71	5.20	1.65	3	13.80	1.91	1.10
	4	10	18.68	6.77	2.14	10	19.09	4.56	1.44	10	22.35	8.31	2.63	3	20.04	2.01	1.16
	5	10	26.89	8.00	2.53	10	31.22	6.51	2.06	10	28.77	8.90	2.82	3	28.96	2.17	1.25
300-Minute	1	10	18.61	5.74	1.82	10	16.23	5.07	1.60	10	20.54	5.41	1.71	3	18.46	2.16	1.25
	2	10	18.05	10.10	3.19	10	14.70	4.87	1.54	10	19.59	3.88	1.23	3	17.45	2.50	1.44
	3	10	15.59	6.52	2.06	10	14.98	4.97	1.57	10	13.46	4.93	1.56	3	14.67	1.10	0.63
	4	10	24.84	8.47	2.68	10	21.48	7.32	2.32	10	23.49	8.75	2.77	3	23.27	1.69	0.98
	5	10	22.91	6.53	2.06	10	32.61	9.68	3.06	10	22.92	5.84	1.85	3	26.15	5.60	3.23
600-Minute	1	10	19.72	7.49	2.37	10	15.10	5.45	1.72	10	20.17	6.26	1.98	3	18.33	2.81	1.62
	2	10	20.49	6.06	1.92	10	15.98	6.47	2.05	10	23.74	10.21	3.23	3	20.07	3.90	2.25
	3	10	15.96	5.70	1.80	10	16.05	5.28	1.67	10	15.15	4.13	1.31	3	15.72	0.50	0.29
	4	10	26.78	8.02	2.54	10	24.65	9.28	2.93	10	23.21	9.27	2.93	3	24.88	1.80	1.04
	5	10	17.06	9.58	3.03	10	28.23	12.14	3.84	10	17.73	4.44	1.41	3	21.01	6.26	3.62

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	30.51	8.70	2.75	10	27.48	16.02	5.07	10	32.28	8.36	2.64	3	30.09	2.43	1.40
	2	10	18.30	8.15	2.58	10	16.89	6.18	1.96	10	19.04	5.29	1.67	3	18.08	1.09	0.63
	3	10	14.33	4.04	1.28	10	12.35	3.26	1.03	10	17.04	6.07	1.92	3	14.58	2.35	1.36
	4	10	21.67	8.76	2.77	10	25.14	8.78	2.78	10	21.56	7.83	2.48	3	22.79	2.04	1.18
	5	10	15.19	7.72	2.44	10	18.13	12.96	4.10	10	10.08	4.06	1.28	3	14.46	4.07	2.35
30-Minute	1	10	28.80	16.27	5.15	10	41.32	19.00	6.01	10	35.51	13.10	4.14	3	35.21	6.26	3.62
	2	10	15.98	5.83	1.84	10	16.15	5.53	1.75	10	17.14	3.95	1.25	3	16.43	0.63	0.36
	3	10	14.66	5.21	1.65	10	13.16	4.42	1.40	10	14.32	5.61	1.77	3	14.05	0.78	0.45
	4	10	25.60	11.16	3.53	10	19.42	9.64	3.05	10	20.44	8.70	2.75	3	21.82	3.31	1.91
	5	10	14.95	9.82	3.11	10	9.95	6.21	1.96	10	12.58	4.19	1.32	3	12.50	2.50	1.45
90-Minute	1	10	21.39	7.70	2.44	10	9.17	5.81	1.84	10	17.82	9.08	2.87	3	16.13	6.29	3.63
	2	10	16.67	6.45	2.04	10	9.26	5.56	1.76	10	16.67	5.14	1.62	3	14.20	4.28	2.47
	3	10	15.85	5.35	1.69	10	15.09	5.18	1.64	10	16.52	3.69	1.17	3	15.82	0.72	0.41
	4	10	21.95	9.92	3.14	10	28.26	9.26	2.93	10	26.40	8.09	2.56	3	25.54	3.24	1.87
	5	10	24.14	14.86	4.70	10	38.22	17.20	5.44	10	22.19	12.00	3.79	3	28.18	8.75	5.05
300-Minute	1	10	17.05	11.54	3.65	10	8.81	5.82	1.84	10	16.42	10.42	3.29	3	14.09	4.58	2.65
	2	10	10.96	5.14	1.62	10	8.11	4.39	1.39	10	14.93	8.97	2.84	3	11.33	3.42	1.97
	3	10	17.16	7.33	2.32	10	14.70	6.42	2.03	10	18.68	4.57	1.45	3	16.85	2.01	1.16
	4	10	24.83	5.94	1.88	10	18.93	4.13	1.31	10	25.17	7.00	2.21	3	22.98	3.51	2.03
	5	10	30.00	13.53	4.28	10	49.44	15.07	4.77	10	24.80	11.98	3.79	3	34.75	12.99	7.50
600-Minute	1	10	21.53	7.57	2.39	10	9.76	5.06	1.60	10	15.03	7.61	2.41	3	15.44	5.90	3.41
	2	10	20.12	7.85	2.48	10	10.30	4.58	1.45	10	16.13	6.80	2.15	3	15.52	4.94	2.85
	3	10	17.74	7.69	2.43	10	13.24	4.38	1.39	10	17.76	3.70	1.17	3	16.25	2.61	1.50
	4	10	24.65	9.40	2.97	10	33.48	10.90	3.45	10	26.51	5.45	1.72	3	28.21	4.65	2.69
	5	10	15.95	11.28	3.57	10	33.23	13.82	4.37	10	24.57	9.88	3.13	3	24.58	8.64	4.99

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D345 DOSED WITH 0.0 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	29.53	8.69	2.75	10	23.77	10.92	3.45	10	26.18	8.03	2.54	3	26.50	2.89	1.67
	2	10	17.45	5.12	1.62	10	19.11	3.96	1.25	10	19.07	4.68	1.48	3	18.54	0.95	0.55
	3	10	14.90	5.56	1.76	10	15.54	4.11	1.30	10	18.52	5.87	1.86	3	16.32	1.93	1.12
	4	10	23.41	6.70	2.12	10	26.46	10.63	3.36	10	21.29	4.84	1.53	3	23.72	2.60	1.50
	5	10	14.71	7.84	2.48	10	15.11	10.54	3.33	10	14.93	8.31	2.63	3	14.92	0.20	0.12
30-Minute	1	10	27.09	13.42	4.25	10	32.07	16.43	5.19	10	29.69	12.86	4.07	3	29.62	2.49	1.44
	2	10	19.96	5.70	1.80	10	14.48	5.98	1.89	10	17.13	2.51	0.79	3	17.19	2.74	1.58
	3	10	18.34	5.78	1.83	10	16.60	6.54	2.07	10	17.43	4.64	1.47	3	17.46	0.87	0.50
	4	10	22.20	5.76	1.82	10	24.22	13.36	4.22	10	20.30	7.59	2.40	3	22.24	1.96	1.13
	5	10	12.42	3.63	1.15	10	12.63	4.04	1.28	10	15.45	4.54	1.44	3	13.50	1.69	0.98
90-Minute	1	10	17.05	7.89	2.50	10	18.11	4.58	1.45	10	24.61	10.53	3.33	3	19.92	4.09	2.36
	2	10	17.55	2.82	0.89	10	13.27	3.96	1.25	10	19.03	6.90	2.18	3	16.62	2.99	1.73
	3	10	16.39	6.65	2.10	10	18.41	5.16	1.63	10	16.90	2.82	0.89	3	17.24	1.05	0.61
	4	10	26.39	8.07	2.55	10	31.93	9.17	2.90	10	22.81	9.30	2.94	3	27.04	4.59	2.65
	5	10	22.62	8.10	2.56	10	18.27	6.77	2.14	10	16.56	8.03	2.54	3	19.15	3.12	1.80
300-Minute	1	10	16.90	7.75	2.45	10	19.17	5.00	1.58	10	20.71	10.31	3.26	3	18.93	1.92	1.11
	2	10	19.06	5.91	1.87	10	13.95	5.09	1.61	10	16.32	7.92	2.50	3	16.44	2.56	1.48
	3	10	16.03	7.44	2.35	10	16.15	3.80	1.20	10	17.67	5.72	1.81	3	16.62	0.91	0.53
	4	10	29.42	13.48	4.26	10	25.33	7.97	2.52	10	30.08	14.15	4.47	3	28.27	2.57	1.48
	5	10	18.59	7.93	2.51	10	25.40	4.84	1.53	10	15.23	4.29	1.36	3	19.74	5.18	2.99
600-Minute	1	10	21.23	7.38	2.33	10	16.24	5.85	1.85	10	20.78	9.26	2.93	3	19.42	2.76	1.59
	2	10	21.42	3.96	1.25	10	14.49	7.28	2.30	10	20.91	9.21	2.91	3	18.94	3.86	2.23
	3	10	19.09	6.94	2.20	10	16.11	4.02	1.27	10	16.49	5.09	1.61	3	17.23	1.62	0.94
	4	10	25.20	5.55	1.76	10	31.34	10.70	3.38	10	25.67	11.17	3.53	3	27.40	3.42	1.97
	5	10	13.06	5.79	1.83	10	21.82	12.50	3.95	10	16.16	4.22	1.34	3	17.01	4.44	2.57

Animal D345

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	9.85	12.47	3.94	10	9.99	4.32	1.36	10	7.06	4.91	1.55	3	8.97	1.65	0.95
	2	10	3.44	2.14	0.68	10	6.37	3.44	1.09	10	2.44	1.12	0.35	3	4.08	2.04	1.18
	3	10	3.50	1.12	0.35	10	3.70	1.82	0.58	10	2.53	0.69	0.22	3	3.24	0.63	0.36
	4	10	4.19	1.29	0.41	10	3.26	1.78	0.56	10	2.45	0.75	0.24	3	3.30	0.87	0.50
	5	10	6.51	1.82	0.58	10	4.38	1.97	0.62	10	4.29	1.00	0.32	3	5.06	1.25	0.72
	6	10	6.80	2.94	0.93	10	4.10	2.00	0.63	10	3.00	0.43	0.14	3	4.64	1.96	1.13
	7	10	18.73	6.24	1.97	10	10.62	7.91	2.50	10	6.87	1.16	0.37	3	12.07	6.06	3.50
	8	10	0.20	0.19	0.06	10	0.21	0.27	0.08	10	0.05	0.05	0.02	3	0.15	0.09	0.05
	9	10	27.48	14.03	4.44	10	27.70	9.37	2.96	10	18.78	7.23	2.29	3	24.65	5.09	2.94
30-Minute	1	10	18.53	11.26	3.56	10	20.82	7.19	2.27	10	22.41	18.24	5.77	3	20.59	1.95	1.13
	2	10	5.85	2.69	0.85	10	6.57	5.85	1.85	10	4.64	3.19	1.01	3	5.69	0.98	0.56
	3	10	2.54	1.05	0.33	10	1.92	0.62	0.19	10	2.33	0.57	0.18	3	2.26	0.31	0.18
	4	10	1.94	1.05	0.33	10	1.29	0.47	0.15	10	1.55	0.90	0.28	3	1.59	0.33	0.19
	5	10	1.96	0.98	0.31	10	0.90	0.37	0.12	10	1.10	0.62	0.20	3	1.32	0.57	0.33
	6	10	1.09	0.57	0.18	10	0.50	0.36	0.11	10	0.53	0.31	0.10	3	0.71	0.33	0.19
	7	10	2.15	1.64	0.52	10	0.43	0.50	0.16	10	0.74	0.74	0.23	3	1.11	0.92	0.53
	8	10	0.01	0.03	0.01	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.00	0.01	0.00
	9	10	30.82	12.71	4.02	10	31.49	8.47	2.68	10	32.03	20.08	6.35	3	31.45	0.61	0.35
300-Minute	1	10	17.70	10.50	3.32	10	13.94	7.49	2.37	10	23.72	12.23	3.87	3	18.46	4.93	2.85
	2	10	4.41	1.92	0.61	10	4.52	2.82	0.89	10	6.07	3.60	1.14	3	5.00	0.93	0.54
	3	10	2.75	0.90	0.28	10	2.84	1.92	0.61	10	2.33	1.19	0.38	3	2.64	0.27	0.16
	4	10	2.84	0.84	0.27	10	2.69	1.52	0.48	10	1.86	0.83	0.26	3	2.46	0.53	0.30
	5	10	2.99	1.73	0.55	10	3.17	1.50	0.48	10	1.63	0.95	0.30	3	2.60	0.84	0.49
	6	10	1.86	0.86	0.27	10	2.19	0.94	0.30	10	1.10	0.45	0.14	3	1.72	0.56	0.32
	7	10	5.47	2.75	0.87	10	8.62	6.76	2.14	10	1.99	1.99	0.63	3	5.36	3.32	1.92
	8	10	0.03	0.07	0.02	10	0.08	0.11	0.04	10	0.02	0.03	0.01	3	0.04	0.03	0.02
	9	10	30.68	12.14	3.84	10	27.16	11.13	3.52	10	35.61	14.17	4.48	3	31.15	4.24	2.45
600-Minute	1	10	23.11	19.37	6.13	10	23.93	12.55	3.97	10	28.09	12.80	4.05	3	25.04	2.67	1.54
	2	10	7.77	6.48	2.05	10	7.03	3.30	1.04	10	6.62	3.35	1.06	3	7.14	0.58	0.33
	3	10	5.31	1.39	0.44	10	6.73	4.47	1.41	10	4.99	2.55	0.81	3	5.68	0.93	0.53
	4	10	7.13	2.81	0.89	10	6.17	3.19	1.01	10	7.54	4.44	1.40	3	6.95	0.70	0.41
	5	10	9.31	2.42	0.77	10	7.84	4.97	1.57	10	9.20	4.68	1.48	3	8.78	0.82	0.47
	6	10	6.75	2.80	0.88	10	6.93	4.40	1.39	10	7.81	3.19	1.01	3	7.16	0.57	0.33
	7	10	25.77	10.69	3.38	10	21.22	9.12	2.89	10	25.11	14.28	4.52	3	24.03	2.46	1.42
	8	10	0.22	0.29	0.09	10	0.30	0.28	0.09	10	0.31	0.30	0.09	3	0.28	0.05	0.03
	9	10	52.62	25.66	8.11	10	51.71	18.21	5.76	10	56.45	21.31	6.74	3	53.59	2.51	1.45

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	8.17	6.76	2.14	10	14.05	6.04	1.91	10	6.10	3.89	1.23	3	9.44	4.12	2.38
	2	10	4.13	2.89	0.91	10	6.98	4.09	1.29	10	1.80	0.52	0.16	3	4.30	2.60	1.50
	3	10	4.99	2.23	0.70	10	4.13	1.48	0.47	10	2.70	0.90	0.29	3	3.94	1.16	0.67
	4	10	4.80	2.13	0.67	10	3.32	1.24	0.39	10	2.35	0.77	0.24	3	3.49	1.23	0.71
	5	10	7.33	4.04	1.28	10	6.21	5.60	1.77	10	4.13	0.97	0.31	3	5.89	1.62	0.94
	6	10	5.01	2.24	0.71	10	2.98	1.05	0.33	10	3.22	0.92	0.29	3	3.73	1.11	0.64
	7	10	16.69	10.16	3.21	10	13.45	13.14	4.16	10	8.90	1.39	0.44	3	13.01	3.91	2.26
	8	10	0.32	0.20	0.06	10	0.29	0.50	0.16	10	0.11	0.05	0.02	3	0.24	0.12	0.07
	9	10	29.42	12.32	3.89	10	34.69	14.31	4.53	10	17.09	5.35	1.69	3	27.07	9.04	5.22
30-Minute	1	10	16.97	13.73	4.34	10	22.01	8.43	2.67	10	27.83	18.52	5.86	3	22.27	5.44	3.14
	2	10	4.83	2.37	0.75	10	6.85	5.19	1.64	10	6.58	4.55	1.44	3	6.09	1.10	0.63
	3	10	2.51	1.10	0.35	10	2.06	0.66	0.21	10	2.77	1.35	0.43	3	2.45	0.36	0.21
	4	10	2.25	1.55	0.49	10	1.76	0.61	0.19	10	1.78	0.81	0.25	3	1.93	0.28	0.16
	5	10	2.25	1.45	0.46	10	1.06	0.57	0.18	10	1.30	0.78	0.25	3	1.54	0.63	0.36
	6	10	1.35	1.12	0.35	10	0.47	0.48	0.15	10	0.52	0.36	0.11	3	0.78	0.50	0.29
	7	10	3.36	4.04	1.28	10	0.72	0.71	0.23	10	0.79	0.68	0.22	3	1.62	1.50	0.87
	8	10	0.04	0.09	0.03	10	0.01	0.02	0.01	10	0.00	0.00	0.00	3	0.02	0.02	0.01
	9	10	28.82	16.31	5.16	10	33.74	10.16	3.21	10	40.27	21.34	6.75	3	34.28	5.74	3.32
300-Minute	1	10	18.38	5.05	1.60	10	16.66	9.77	3.09	10	24.12	9.19	2.91	3	19.72	3.90	2.25
	2	10	6.24	3.77	1.19	10	4.93	2.88	0.91	10	6.63	3.70	1.17	3	5.93	0.89	0.51
	3	10	3.69	1.83	0.58	10	2.74	1.01	0.32	10	2.60	1.26	0.40	3	3.01	0.59	0.34
	4	10	2.96	1.02	0.32	10	2.84	1.23	0.39	10	2.07	1.29	0.41	3	2.63	0.48	0.28
	5	10	3.83	2.08	0.66	10	4.05	1.90	0.60	10	2.01	0.91	0.29	3	3.30	1.12	0.65
	6	10	2.57	1.44	0.46	10	3.28	1.49	0.47	10	1.45	0.88	0.28	3	2.43	0.92	0.53
	7	10	8.19	5.31	1.68	10	12.82	6.80	2.15	10	3.27	3.16	1.00	3	8.09	4.78	2.76
	8	10	0.02	0.05	0.01	10	0.16	0.20	0.06	10	0.02	0.06	0.02	3	0.07	0.08	0.05
	9	10	35.11	10.54	3.33	10	31.22	14.84	4.69	10	37.44	12.20	3.86	3	34.59	3.14	1.81
600-Minute	1	10	32.72	10.76	3.40	10	24.74	8.30	2.62	10	25.44	13.35	4.22	3	27.63	4.42	2.55
	2	10	8.03	5.63	1.78	10	7.17	3.28	1.04	10	7.07	4.60	1.45	3	7.42	0.53	0.30
	3	10	5.99	2.51	0.79	10	6.15	3.04	0.96	10	6.81	4.33	1.37	3	6.32	0.43	0.25
	4	10	5.36	2.71	0.86	10	7.53	1.45	0.46	10	6.15	2.86	0.90	3	6.35	1.10	0.63
	5	10	6.99	1.13	0.36	10	10.11	3.41	1.08	10	8.66	3.64	1.15	3	8.59	1.56	0.90
	6	10	6.21	2.36	0.75	10	6.51	2.16	0.68	10	6.26	1.73	0.55	3	6.33	0.16	0.09
	7	10	21.73	6.63	2.10	10	22.67	6.17	1.95	10	27.00	7.00	2.21	3	23.80	2.81	1.62
	8	10	0.25	0.35	0.11	10	0.41	0.36	0.11	10	0.40	0.29	0.09	3	0.35	0.09	0.05
	9	10	59.09	16.30	5.16	10	55.71	14.03	4.44	10	54.13	18.08	5.72	3	56.31	2.54	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	4.93	4.70	1.49	10	10.45	5.13	1.62	10	7.46	2.38	0.75	3	7.62	2.76	1.60
	2	10	2.63	1.19	0.38	10	2.07	1.32	0.42	10	0.95	0.43	0.14	3	1.88	0.85	0.49
	3	10	4.21	2.12	0.67	10	2.97	2.72	0.86	10	1.65	0.53	0.17	3	2.94	1.28	0.74
	4	10	5.65	2.90	0.92	10	3.22	2.73	0.86	10	1.74	0.51	0.16	3	3.54	1.97	1.14
	5	10	8.33	3.66	1.16	10	5.13	4.86	1.54	10	2.93	0.90	0.28	3	5.46	2.72	1.57
	6	10	5.37	2.49	0.79	10	3.16	1.93	0.61	10	2.01	1.03	0.33	3	3.51	1.71	0.99
	7	10	25.20	10.91	3.45	10	15.96	18.96	6.00	10	6.06	2.10	0.66	3	15.74	9.57	5.53
	8	10	0.49	0.37	0.12	10	0.12	0.15	0.05	10	0.00	0.00	0.00	3	0.20	0.25	0.15
	9	10	25.74	7.90	2.50	10	23.84	14.96	4.73	10	14.74	2.55	0.81	3	21.44	5.88	3.40
30-Minute	1	10	16.69	14.73	4.66	10	29.65	21.31	6.74	10	40.90	34.18	10.81	3	29.08	12.12	6.99
	2	10	3.69	3.24	1.02	10	3.89	2.24	0.71	10	6.30	7.51	2.37	3	4.63	1.45	0.84
	3	10	1.53	1.04	0.33	10	1.63	0.93	0.29	10	1.45	0.79	0.25	3	1.54	0.09	0.05
	4	10	1.14	0.78	0.25	10	0.96	0.80	0.25	10	0.70	0.69	0.22	3	0.93	0.22	0.13
	5	10	0.94	0.83	0.26	10	0.43	0.43	0.14	10	0.21	0.34	0.11	3	0.52	0.37	0.22
	6	10	0.62	0.73	0.23	10	0.18	0.27	0.09	10	0.14	0.28	0.09	3	0.31	0.27	0.15
	7	10	1.72	2.72	0.86	10	0.18	0.36	0.11	10	0.18	0.35	0.11	3	0.69	0.89	0.51
	8	10	0.02	0.04	0.01	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.01	0.01	0.01
	9	10	23.99	18.32	5.79	10	36.56	23.17	7.33	10	49.56	38.84	12.28	3	36.70	12.79	7.38
300-Minute	1	10	15.28	12.24	3.87	10	10.44	9.08	2.87	10	7.55	4.98	1.57	3	11.09	3.91	2.26
	2	10	3.58	1.97	0.62	10	2.11	0.64	0.20	10	2.37	1.16	0.37	3	2.69	0.78	0.45
	3	10	2.10	1.51	0.48	10	1.85	1.29	0.41	10	1.36	0.36	0.12	3	1.77	0.38	0.22
	4	10	1.37	0.70	0.22	10	2.07	1.11	0.35	10	1.13	0.56	0.18	3	1.52	0.49	0.28
	5	10	2.01	1.77	0.56	10	2.85	1.70	0.54	10	1.13	0.66	0.21	3	2.00	0.86	0.50
	6	10	0.98	0.70	0.22	10	2.10	1.45	0.46	10	0.79	0.66	0.21	3	1.29	0.71	0.41
	7	10	4.53	6.28	1.98	10	7.61	5.61	1.77	10	2.02	2.21	0.70	3	4.72	2.80	1.62
	8	10	0.09	0.18	0.06	10	0.09	0.08	0.03	10	0.03	0.06	0.02	3	0.07	0.04	0.02
	9	10	24.34	15.00	4.74	10	19.32	11.26	3.56	10	13.55	5.31	1.68	3	19.07	5.40	3.12
600-Minute	1	10	30.57	21.65	6.85	10	16.23	11.32	3.58	10	17.40	13.78	4.36	3	21.40	7.96	4.60
	2	10	5.26	1.12	0.35	10	4.98	2.54	0.80	10	4.52	4.03	1.27	3	4.92	0.37	0.21
	3	10	4.58	2.43	0.77	10	4.08	2.53	0.80	10	3.43	3.75	1.19	3	4.03	0.58	0.33
	4	10	5.67	3.27	1.03	10	4.36	2.79	0.88	10	6.83	8.53	2.70	3	5.62	1.23	0.71
	5	10	5.65	4.66	1.47	10	8.29	7.31	2.31	10	7.02	5.62	1.78	3	6.98	1.32	0.76
	6	10	5.09	3.42	1.08	10	5.37	3.13	0.99	10	4.74	4.03	1.27	3	5.07	0.32	0.18
	7	10	23.41	12.33	3.90	10	19.82	13.06	4.13	10	20.21	20.65	6.53	3	21.15	1.97	1.14
	8	10	0.23	0.40	0.13	10	0.36	0.53	0.17	10	0.38	0.40	0.13	3	0.32	0.08	0.05
	9	10	51.73	26.58	8.41	10	37.93	19.28	6.10	10	39.20	29.15	9.22	3	42.95	7.63	4.40

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	3.46	2.07	0.65	10	3.15	1.80	0.57	10	2.19	0.88	0.28	3	2.93	0.66	0.38
	2	10	1.07	0.42	0.13	10	1.13	0.64	0.20	10	0.81	0.23	0.07	3	1.00	0.17	0.10
	3	10	1.55	0.66	0.21	10	1.49	1.09	0.35	10	1.41	0.70	0.22	3	1.48	0.07	0.04
	4	10	1.49	0.98	0.31	10	1.56	1.08	0.34	10	1.11	0.37	0.12	3	1.39	0.25	0.14
	5	10	2.39	0.71	0.22	10	1.40	0.35	0.11	10	1.40	0.30	0.10	3	1.73	0.57	0.33
	6	10	0.94	0.67	0.21	10	0.93	0.50	0.16	10	0.60	0.29	0.09	3	0.82	0.19	0.11
	7	10	2.67	2.82	0.89	10	1.38	1.12	0.35	10	1.19	0.25	0.08	3	1.75	0.80	0.46
	8	10	0.03	0.04	0.01	10	0.01	0.02	0.01	10	0.00	0.00	0.00	3	0.01	0.02	0.01
	9	10	9.95	1.99	0.63	10	8.74	2.69	0.85	10	6.91	1.61	0.51	3	8.53	1.53	0.88
30-Minute	1	10	6.92	6.04	1.91	10	8.66	4.43	1.40	10	10.13	6.89	2.18	3	8.57	1.61	0.93
	2	10	1.64	0.90	0.28	10	1.91	0.94	0.30	10	2.56	1.28	0.41	3	2.04	0.47	0.27
	3	10	1.04	0.64	0.20	10	1.12	0.43	0.14	10	1.18	0.65	0.20	3	1.11	0.07	0.04
	4	10	1.05	0.64	0.20	10	0.62	0.33	0.11	10	0.72	0.42	0.13	3	0.80	0.23	0.13
	5	10	0.72	0.49	0.16	10	0.30	0.30	0.09	10	0.40	0.28	0.09	3	0.47	0.22	0.13
	6	10	0.42	0.34	0.11	10	0.14	0.16	0.05	10	0.19	0.15	0.05	3	0.25	0.15	0.09
	7	10	0.97	1.22	0.39	10	0.06	0.09	0.03	10	0.28	0.27	0.09	3	0.44	0.48	0.27
	8	10	0.02	0.04	0.01	10	0.00	0.00	0.00	10	0.00	0.00	0.00	3	0.01	0.01	0.01
	9	10	11.37	6.31	1.99	10	12.61	5.11	1.62	10	15.00	7.53	2.38	3	12.99	1.84	1.06
300-Minute	1	10	5.96	2.70	0.85	10	5.85	6.25	1.98	10	3.88	1.52	0.48	3	5.23	1.17	0.67
	2	10	1.72	0.58	0.18	10	1.47	0.91	0.29	10	1.71	0.61	0.19	3	1.63	0.14	0.08
	3	10	1.13	0.57	0.18	10	1.11	0.97	0.31	10	0.78	0.32	0.10	3	1.01	0.20	0.11
	4	10	0.95	0.33	0.11	10	0.88	1.03	0.33	10	0.59	0.25	0.08	3	0.81	0.19	0.11
	5	10	0.98	0.50	0.16	10	1.40	1.65	0.52	10	0.49	0.27	0.09	3	0.96	0.45	0.26
	6	10	0.69	0.41	0.13	10	0.61	0.59	0.19	10	0.27	0.16	0.05	3	0.52	0.22	0.13
	7	10	1.79	1.64	0.52	10	2.44	3.66	1.16	10	0.53	0.47	0.15	3	1.59	0.97	0.56
	8	10	0.00	0.00	0.00	10	0.03	0.10	0.03	10	0.01	0.02	0.01	3	0.01	0.02	0.01
	9	10	10.74	3.45	1.09	10	10.70	7.14	2.26	10	7.46	1.69	0.53	3	9.64	1.88	1.09
600-Minute	1	10	20.74	16.82	5.32	10	11.69	10.91	3.45	10	13.06	11.24	3.55	3	15.16	4.88	2.82
	2	10	2.25	1.87	0.59	10	4.65	5.22	1.65	10	2.73	2.19	0.69	3	3.21	1.27	0.73
	3	10	2.13	1.87	0.59	10	3.65	2.08	0.66	10	2.27	1.41	0.44	3	2.68	0.83	0.48
	4	10	1.30	1.65	0.52	10	2.92	1.92	0.61	10	2.25	1.84	0.58	3	2.16	0.81	0.47
	5	10	1.73	1.29	0.41	10	3.58	1.64	0.52	10	2.88	2.12	0.67	3	2.73	0.94	0.54
	6	10	1.61	1.63	0.51	10	2.20	1.57	0.50	10	1.70	1.95	0.62	3	1.84	0.32	0.18
	7	10	5.29	6.57	2.08	10	10.07	7.46	2.36	10	6.97	7.93	2.51	3	7.45	2.42	1.40
	8	10	0.06	0.10	0.03	10	0.14	0.15	0.05	10	0.12	0.18	0.06	3	0.11	0.04	0.02
	9	10	28.16	12.87	4.07	10	26.48	19.35	6.12	10	23.20	13.92	4.40	3	25.95	2.52	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	9	2.33	0.56	0.19	8	2.31	0.70	0.25	8	2.69	0.65	0.23	3	2.44	0.21	0.12
	2	9	6.33	0.66	0.22	9	6.06	1.24	0.41	9	5.44	0.81	0.27	3	5.94	0.45	0.26
	3	10	10.80	1.30	0.41	10	10.65	1.36	0.43	10	10.80	0.98	0.31	3	10.75	0.09	0.05
	4	10	15.35	1.55	0.49	9	15.89	1.36	0.45	9	15.78	1.52	0.51	3	15.67	0.28	0.16
	5	10	22.30	1.65	0.52	10	21.85	1.67	0.53	10	21.45	2.05	0.65	3	21.87	0.43	0.25
	9	10	11.40	10.05	3.18	10	4.75	6.69	2.12	10	11.70	9.98	3.16	3	9.28	3.93	2.27
30-Minute	1	9	2.06	0.68	0.23	8	1.87	0.58	0.21	7	2.57	0.89	0.34	3	2.17	0.36	0.21
	2	10	5.75	0.98	0.31	7	5.50	1.04	0.39	8	5.69	0.92	0.33	3	5.65	0.13	0.08
	3	8	10.75	1.13	0.40	9	10.94	1.53	0.51	9	10.94	1.67	0.56	3	10.88	0.11	0.06
	4	10	15.35	1.23	0.39	9	15.89	1.02	0.34	7	15.50	1.00	0.38	3	15.58	0.28	0.16
	5	9	22.28	1.99	0.66	8	20.75	1.71	0.61	9	21.61	1.62	0.54	3	21.55	0.77	0.44
	9	10	2.55	1.69	0.53	10	2.65	1.51	0.48	10	5.20	4.82	1.52	3	3.47	1.50	0.87
300-Minute	1	8	2.31	0.84	0.30	9	2.72	0.79	0.26	10	2.00	0.62	0.20	3	2.34	0.36	0.21
	2	9	5.94	0.81	0.27	9	6.00	0.94	0.31	10	5.80	0.82	0.26	3	5.91	0.10	0.06
	3	7	11.21	1.35	0.51	9	10.33	1.30	0.43	7	10.36	1.38	0.52	3	10.63	0.50	0.29
	4	9	14.89	1.11	0.37	9	15.94	1.29	0.43	7	15.43	1.27	0.48	3	15.42	0.53	0.30
	5	10	21.65	1.96	0.62	10	21.80	1.87	0.59	8	21.00	2.15	0.76	3	21.48	0.43	0.25
	9	10	2.85	1.36	0.43	10	3.15	1.55	0.49	10	2.00	0.62	0.20	3	2.67	0.60	0.34
600-Minute	1	8	2.56	0.73	0.26	7	2.36	0.75	0.28	7	2.43	0.93	0.35	3	2.45	0.10	0.06
	2	10	5.95	1.14	0.36	7	5.21	0.76	0.29	8	5.69	0.53	0.19	3	5.62	0.37	0.22
	3	9	11.61	1.14	0.38	9	11.44	0.77	0.26	10	10.90	0.97	0.31	3	11.32	0.37	0.21
	4	10	15.80	1.11	0.35	10	15.90	1.02	0.32	10	16.10	1.24	0.39	3	15.93	0.15	0.09
	5	10	22.00	2.00	0.63	10	22.10	1.90	0.60	10	22.50	1.18	0.37	3	22.20	0.26	0.15
	9	10	6.65	5.97	1.89	10	3.65	2.80	0.89	10	5.15	5.31	1.68	3	5.15	1.50	0.87

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	7	2.07	0.53	0.20	8	2.25	0.65	0.23	8	2.44	0.62	0.22	3	2.25	0.18	0.11
	2	8	6.50	0.93	0.33	10	6.30	1.01	0.32	8	5.44	1.15	0.41	3	6.08	0.56	0.33
	3	10	10.60	1.39	0.44	9	10.56	1.47	0.49	10	10.95	1.04	0.33	3	10.70	0.22	0.12
	4	9	16.00	1.03	0.34	10	15.65	1.11	0.35	10	14.80	1.03	0.33	3	15.48	0.62	0.36
	5	10	22.15	2.04	0.65	10	21.85	2.04	0.65	10	21.20	1.75	0.55	3	21.73	0.49	0.28
	9	10	9.20	7.73	2.45	10	5.50	6.60	2.09	10	7.50	7.06	2.23	3	7.40	1.85	1.07
30-Minute	1	7	2.07	0.45	0.17	8	1.87	0.52	0.18	9	2.28	0.67	0.22	3	2.07	0.20	0.12
	2	9	5.83	0.79	0.26	8	5.62	1.19	0.42	8	5.87	1.03	0.36	3	5.78	0.13	0.08
	3	8	10.81	1.41	0.50	7	11.07	1.21	0.46	10	11.05	1.55	0.49	3	10.98	0.14	0.08
	4	9	16.00	1.09	0.36	9	15.22	0.97	0.32	6	16.08	1.07	0.44	3	15.77	0.47	0.27
	5	10	21.90	1.51	0.48	8	22.00	1.87	0.66	7	22.43	1.72	0.65	3	22.11	0.28	0.16
	9	10	3.15	1.63	0.52	10	2.55	1.54	0.49	10	2.45	0.83	0.26	3	2.72	0.38	0.22
300-Minute	1	6	2.08	0.58	0.24	10	2.10	0.66	0.21	8	2.12	0.58	0.21	3	2.10	0.02	0.01
	2	9	6.28	0.75	0.25	9	5.78	0.97	0.32	8	6.31	0.59	0.21	3	6.12	0.30	0.17
	3	10	10.05	1.19	0.38	10	10.35	1.20	0.38	9	10.78	1.50	0.50	3	10.39	0.37	0.21
	4	10	15.55	1.04	0.33	10	15.65	1.13	0.36	7	16.43	0.67	0.25	3	15.88	0.48	0.28
	5	10	21.40	1.73	0.55	10	22.55	1.91	0.60	10	21.85	1.83	0.58	3	21.93	0.58	0.33
	9	10	6.65	7.39	2.34	10	2.10	0.66	0.21	10	3.55	3.41	1.08	3	4.10	2.32	1.34
600-Minute	1	2	3.25	0.35	0.25	7	2.14	0.69	0.26	9	2.56	0.81	0.27	3	2.65	0.56	0.32
	2	7	6.79	1.15	0.43	9	5.89	1.19	0.40	9	6.06	1.04	0.35	3	6.24	0.48	0.28
	3	8	10.81	1.16	0.41	9	10.78	0.91	0.30	10	11.10	1.22	0.39	3	10.90	0.18	0.10
	4	8	15.69	1.00	0.35	10	15.80	1.32	0.42	8	16.69	1.00	0.35	3	16.06	0.55	0.32
	5	10	21.85	2.14	0.68	10	21.45	2.23	0.70	10	22.65	1.36	0.43	3	21.98	0.61	0.35
	9	10	13.25	7.74	2.45	10	8.25	8.48	2.68	10	5.20	6.79	2.15	3	8.90	4.06	2.35

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.50	0.76	0.27	6	2.92	0.49	0.20	5	3.10	0.42	0.19	3	2.84	0.31	0.18
	2	10	6.15	1.13	0.36	8	5.87	1.06	0.38	5	6.80	1.04	0.46	3	6.27	0.47	0.27
	3	10	11.20	1.18	0.37	9	10.33	1.35	0.45	8	11.31	1.16	0.41	3	10.95	0.54	0.31
	4	10	15.30	1.53	0.48	10	16.30	1.16	0.37	8	15.81	1.46	0.52	3	15.80	0.50	0.29
	5	10	21.35	2.00	0.63	10	22.10	1.70	0.54	9	22.67	1.52	0.51	3	22.04	0.66	0.38
	9	10	15.50	7.41	2.34	10	11.80	7.53	2.38	10	17.65	6.79	2.15	3	14.98	2.96	1.71
30-Minute	1	6	2.25	0.88	0.36	5	2.40	0.65	0.29	7	2.07	0.67	0.25	3	2.24	0.16	0.09
	2	8	6.12	0.95	0.34	8	5.62	0.95	0.34	6	5.83	1.08	0.44	3	5.86	0.25	0.15
	3	8	10.50	1.16	0.41	4	10.75	1.26	0.63	9	10.28	1.06	0.35	3	10.51	0.24	0.14
	4	7	16.07	1.21	0.46	8	15.12	1.06	0.38	7	16.21	0.70	0.26	3	15.80	0.59	0.34
	5	8	22.62	1.62	0.57	6	22.25	0.88	0.36	3	22.50	3.04	1.76	3	22.46	0.19	0.11
	9	10	5.85	6.92	2.19	10	4.05	2.01	0.63	10	3.35	2.33	0.74	3	4.42	1.29	0.74
300-Minute	1	5	2.90	0.42	0.19	8	2.62	0.88	0.31	6	2.33	0.75	0.31	3	2.62	0.28	0.16
	2	5	5.70	1.04	0.46	7	6.14	1.11	0.42	8	5.19	0.65	0.23	3	5.68	0.48	0.28
	3	8	10.50	0.53	0.19	10	10.60	1.39	0.44	9	10.11	0.99	0.33	3	10.40	0.26	0.15
	4	9	15.50	1.15	0.38	10	15.90	1.33	0.42	9	15.44	1.42	0.47	3	15.61	0.25	0.14
	5	10	21.90	1.61	0.51	10	22.05	1.77	0.56	9	21.33	1.77	0.59	3	21.76	0.38	0.22
	9	10	6.10	6.25	1.98	10	7.55	8.65	2.73	10	3.25	1.36	0.43	3	5.63	2.19	1.26
600-Minute	1	6	2.92	0.66	0.27	8	2.75	0.76	0.27	6	1.83	0.26	0.11	3	2.50	0.58	0.34
	2	6	6.83	0.68	0.28	9	6.33	1.20	0.40	6	5.42	0.58	0.24	3	6.19	0.72	0.41
	3	5	11.00	1.22	0.55	9	10.94	1.29	0.43	9	9.56	0.88	0.29	3	10.50	0.82	0.47
	4	8	15.94	0.68	0.24	9	15.61	1.47	0.49	8	15.69	1.19	0.42	3	15.75	0.17	0.10
	5	10	21.45	1.59	0.50	10	20.95	1.42	0.45	8	22.25	1.36	0.48	3	21.55	0.66	0.38
	9	10	10.30	9.74	3.08	10	8.70	8.37	2.65	9	10.17	9.93	3.31	3	9.72	0.89	0.51

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	6	2.50	0.45	0.18	7	2.71	0.70	0.26	6	2.83	0.68	0.28	3	2.68	0.17	0.10
	2	9	6.39	0.82	0.27	7	5.71	0.99	0.38	7	6.36	0.94	0.36	3	6.15	0.38	0.22
	3	9	11.06	0.77	0.26	9	11.06	1.29	0.43	9	10.94	1.38	0.46	3	11.02	0.06	0.04
	4	7	15.29	1.32	0.50	8	16.12	1.36	0.48	8	14.38	1.36	0.48	3	15.26	0.88	0.51
	5	10	22.20	1.64	0.52	10	22.40	1.65	0.52	9	21.06	1.84	0.61	3	21.89	0.73	0.42
	9	10	18.65	6.21	1.96	10	12.20	8.16	2.58	10	8.20	6.02	1.90	3	13.02	5.27	3.04
30-Minute	1	6	2.42	0.74	0.30	8	2.44	0.86	0.31	6	2.17	0.52	0.21	3	2.34	0.15	0.09
	2	9	6.44	1.13	0.38	9	6.28	1.18	0.39	9	5.78	1.00	0.33	3	6.17	0.35	0.20
	3	9	10.39	1.24	0.41	7	9.93	0.93	0.35	7	9.50	1.38	0.52	3	9.94	0.44	0.26
	4	9	15.33	1.50	0.50	7	15.79	1.35	0.51	5	16.00	1.17	0.52	3	15.71	0.34	0.20
	5	9	22.06	1.89	0.63	7	21.57	1.69	0.64	8	21.87	1.55	0.55	3	21.83	0.24	0.14
	9	10	5.75	5.64	1.78	10	4.05	3.76	1.19	10	4.80	4.96	1.57	3	4.87	0.85	0.49
300-Minute	1	6	2.92	0.58	0.24	6	2.50	0.71	0.29	6	2.42	0.66	0.27	3	2.61	0.27	0.15
	2	7	6.07	1.06	0.40	8	6.25	1.00	0.35	8	5.94	1.32	0.47	3	6.09	0.16	0.09
	3	9	11.17	0.90	0.30	9	10.56	1.16	0.39	8	11.13	1.06	0.38	3	10.95	0.34	0.20
	4	9	15.28	1.09	0.36	9	16.00	1.39	0.46	9	15.22	1.28	0.43	3	15.50	0.43	0.25
	5	9	21.33	1.66	0.55	10	22.10	1.85	0.59	8	22.25	1.56	0.55	3	21.89	0.49	0.28
	9	10	3.70	1.21	0.38	10	9.55	8.99	2.84	10	4.60	2.63	0.83	3	5.95	3.15	1.82
600-Minute	1	4	2.87	0.75	0.38	7	2.07	0.45	0.17	4	2.62	0.48	0.24	3	2.52	0.41	0.24
	2	7	6.57	0.93	0.35	7	6.07	0.84	0.32	6	6.42	0.66	0.27	3	6.35	0.26	0.15
	3	7	10.71	1.29	0.49	10	10.90	1.07	0.34	8	9.81	0.88	0.31	3	10.48	0.58	0.34
	4	4	15.38	1.70	0.85	10	15.55	0.69	0.22	6	15.58	1.53	0.62	3	15.50	0.11	0.06
	5	5	21.70	2.17	0.97	10	21.75	2.04	0.65	8	23.00	0.89	0.31	3	22.15	0.74	0.43
	9	9	10.11	7.69	2.56	10	5.80	5.74	1.81	10	11.20	8.86	2.80	3	9.04	2.86	1.65

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.05	0.29	0.09	10	2.08	0.25	0.08	10	2.06	0.16	0.05	3	2.07	0.02	0.01
	2	10	5.59	0.33	0.10	10	5.59	0.29	0.09	10	5.31	0.36	0.12	3	5.50	0.16	0.09
	3	10	10.53	0.49	0.15	10	10.04	0.45	0.14	10	10.37	0.46	0.15	3	10.31	0.25	0.14
	4	10	15.28	0.30	0.09	10	14.94	0.52	0.16	10	15.22	0.51	0.16	3	15.15	0.18	0.11
	5	10	21.29	0.52	0.16	10	21.37	0.81	0.26	10	21.32	0.40	0.13	3	21.33	0.04	0.02
	9	10	11.10	2.38	0.75	10	8.68	1.66	0.53	10	10.28	1.75	0.55	3	10.02	1.23	0.71
30-Minute	1	10	1.95	0.17	0.05	10	1.82	0.23	0.07	10	1.82	0.30	0.09	3	1.86	0.07	0.04
	2	10	5.61	0.33	0.11	10	5.22	0.45	0.14	10	5.53	0.36	0.11	3	5.45	0.21	0.12
	3	10	9.92	0.36	0.12	10	10.09	0.32	0.10	10	10.04	0.56	0.18	3	10.02	0.09	0.05
	4	10	15.20	0.38	0.12	10	15.31	0.42	0.13	9	14.84	0.53	0.18	3	15.12	0.25	0.14
	5	10	21.23	0.79	0.25	10	20.74	0.85	0.27	9	20.66	1.04	0.35	3	20.88	0.31	0.18
	9	10	5.65	1.55	0.49	10	4.18	0.85	0.27	10	4.95	1.57	0.50	3	4.93	0.74	0.43
300-Minute	1	10	1.91	0.32	0.10	10	2.11	0.27	0.09	10	2.00	0.24	0.07	3	2.01	0.10	0.06
	2	10	5.45	0.29	0.09	10	5.35	0.35	0.11	10	5.51	0.23	0.07	3	5.44	0.08	0.05
	3	10	10.19	0.45	0.14	10	10.11	0.34	0.11	10	10.27	0.84	0.27	3	10.19	0.08	0.05
	4	10	15.03	0.32	0.10	10	15.22	0.36	0.11	10	14.65	0.68	0.22	3	14.97	0.29	0.17
	5	10	21.30	0.49	0.16	10	21.18	0.45	0.14	10	20.82	1.10	0.35	3	21.10	0.25	0.14
	9	10	6.50	1.55	0.49	10	7.35	2.44	0.77	10	5.03	1.88	0.60	3	6.30	1.17	0.68
600-Minute	1	10	1.85	0.30	0.09	10	1.89	0.23	0.07	10	1.69	0.17	0.05	3	1.81	0.10	0.06
	2	10	5.46	0.40	0.13	10	5.41	0.38	0.12	10	5.51	0.33	0.11	3	5.46	0.05	0.03
	3	10	10.46	0.30	0.09	10	10.44	0.29	0.09	10	10.39	0.52	0.16	3	10.43	0.03	0.02
	4	10	15.18	0.29	0.09	10	15.16	0.28	0.09	10	15.43	0.52	0.16	3	15.26	0.15	0.09
	5	10	21.36	0.55	0.17	10	21.34	0.41	0.13	10	21.24	0.42	0.13	3	21.31	0.07	0.04
	9	10	9.26	1.92	0.61	10	8.08	1.98	0.62	10	8.01	1.90	0.60	3	8.45	0.71	0.41

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.22	0.07	10	1.98	0.27	0.08	10	2.03	0.23	0.07	3	2.04	0.06	0.03
	2	10	5.46	0.37	0.12	10	5.56	0.32	0.10	10	5.39	0.30	0.10	3	5.47	0.09	0.05
	3	10	10.26	0.46	0.14	10	10.10	0.51	0.16	10	10.51	0.35	0.11	3	10.29	0.21	0.12
	4	10	15.28	0.52	0.16	10	15.24	0.39	0.12	10	15.06	0.42	0.13	3	15.19	0.12	0.07
	5	10	21.32	0.29	0.09	10	21.26	0.73	0.23	10	21.24	0.28	0.09	3	21.27	0.04	0.02
	9	10	11.12	2.33	0.74	10	8.44	1.62	0.51	10	10.52	1.66	0.53	3	10.03	1.41	0.81
30-Minute	1	10	1.92	0.24	0.08	10	1.88	0.14	0.04	10	2.01	0.26	0.08	3	1.94	0.07	0.04
	2	10	5.42	0.17	0.05	10	5.16	0.22	0.07	10	5.37	0.23	0.07	3	5.32	0.14	0.08
	3	10	10.02	0.40	0.13	10	10.16	0.48	0.15	10	10.15	0.50	0.16	3	10.11	0.08	0.04
	4	10	15.03	0.50	0.16	10	14.93	0.30	0.09	10	15.02	0.54	0.17	3	14.99	0.05	0.03
	5	10	20.82	0.47	0.15	10	21.04	1.71	0.54	9	20.86	0.52	0.17	3	20.91	0.11	0.07
	9	10	6.19	2.06	0.65	10	4.46	0.95	0.30	10	4.76	1.53	0.48	3	5.14	0.93	0.53
300-Minute	1	10	1.93	0.25	0.08	10	2.07	0.28	0.09	10	1.96	0.21	0.07	3	1.99	0.07	0.04
	2	10	5.46	0.42	0.13	10	5.30	0.40	0.13	10	5.41	0.43	0.13	3	5.39	0.08	0.05
	3	10	10.14	0.47	0.15	10	10.06	0.38	0.12	10	10.11	0.52	0.17	3	10.10	0.04	0.02
	4	10	15.25	0.31	0.10	10	15.41	0.36	0.11	10	14.85	0.83	0.26	3	15.17	0.29	0.17
	5	10	21.38	0.45	0.14	10	21.27	0.38	0.12	10	21.28	0.59	0.19	3	21.31	0.06	0.04
	9	10	6.64	0.79	0.25	10	7.32	1.50	0.47	10	5.07	1.32	0.42	3	6.34	1.16	0.67
600-Minute	1	10	1.70	0.33	0.10	10	1.76	0.32	0.10	10	1.84	0.38	0.12	3	1.77	0.07	0.04
	2	10	5.55	0.42	0.13	10	5.60	0.37	0.12	10	5.62	0.52	0.16	3	5.59	0.04	0.02
	3	10	10.28	0.20	0.06	10	10.22	0.26	0.08	10	10.20	0.39	0.12	3	10.23	0.04	0.02
	4	10	15.12	0.47	0.15	10	15.32	0.39	0.12	10	15.42	0.55	0.17	3	15.29	0.15	0.09
	5	10	21.09	0.42	0.13	10	21.24	0.62	0.20	10	21.64	0.48	0.15	3	21.32	0.28	0.16
	9	10	6.77	1.25	0.39	10	8.62	0.92	0.29	10	8.20	2.13	0.67	3	7.86	0.97	0.56

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood	Freq.	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
Draw	Band	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	2.07	0.22	0.07	10	1.57	0.16	0.05	10	1.42	0.11	0.04	3	1.69	0.34	0.20
	2	10	5.60	0.32	0.10	10	5.64	0.39	0.12	10	5.47	0.65	0.20	3	5.57	0.09	0.05
	3	10	10.59	0.38	0.12	10	10.32	0.63	0.20	10	10.72	0.34	0.11	3	10.54	0.20	0.12
	4	10	15.13	0.42	0.13	10	15.24	0.52	0.16	10	14.90	0.63	0.20	3	15.09	0.17	0.10
	5	10	21.04	0.40	0.13	10	21.48	0.35	0.11	10	21.41	0.60	0.19	3	21.31	0.24	0.14
	9	10	12.81	3.05	0.96	10	8.46	2.42	0.77	10	8.37	1.75	0.55	3	9.88	2.54	1.47
30-Minute	1	10	1.78	0.30	0.09	10	1.75	0.18	0.06	10	1.79	0.29	0.09	3	1.78	0.02	0.01
	2	10	5.29	0.52	0.17	10	5.27	0.37	0.12	10	5.14	0.51	0.16	3	5.24	0.08	0.05
	3	9	9.71	0.45	0.15	9	10.06	0.53	0.18	10	9.50	0.68	0.21	3	9.75	0.28	0.16
	4	8	15.41	0.70	0.25	9	14.52	0.68	0.23	7	15.32	0.86	0.33	3	15.08	0.49	0.28
	5	8	20.92	1.11	0.39	6	20.97	1.05	0.43	3	20.36	1.18	0.68	3	20.75	0.34	0.20
	9	10	4.96	2.75	0.87	10	3.54	1.24	0.39	10	3.14	1.41	0.45	3	3.88	0.96	0.55
300-Minute	1	10	1.80	0.30	0.10	10	1.83	0.21	0.07	10	1.86	0.26	0.08	3	1.83	0.03	0.02
	2	10	5.20	0.48	0.15	10	5.49	0.35	0.11	10	5.37	0.29	0.09	3	5.35	0.14	0.08
	3	10	10.05	0.40	0.13	10	10.14	0.54	0.17	10	9.98	0.35	0.11	3	10.06	0.08	0.05
	4	10	15.10	0.56	0.18	10	15.44	0.51	0.16	10	15.12	0.54	0.17	3	15.22	0.19	0.11
	5	10	20.78	0.59	0.19	10	21.23	0.23	0.07	9	20.80	0.79	0.26	3	20.94	0.25	0.15
	9	10	5.81	1.54	0.49	10	8.21	2.44	0.77	10	6.50	2.03	0.64	3	6.84	1.23	0.71
600-Minute	1	10	1.71	0.28	0.09	10	1.79	0.20	0.06	10	1.84	0.31	0.10	3	1.78	0.07	0.04
	2	10	5.52	0.54	0.17	10	5.57	0.29	0.09	10	5.15	0.54	0.17	3	5.41	0.23	0.13
	3	10	10.04	0.62	0.20	10	10.38	0.46	0.15	9	9.89	0.72	0.24	3	10.10	0.25	0.15
	4	10	15.02	0.69	0.22	10	15.11	0.51	0.16	8	15.39	0.38	0.14	3	15.17	0.19	0.11
	5	10	21.03	0.46	0.15	10	20.92	0.64	0.20	9	20.88	1.13	0.38	3	20.94	0.08	0.04
	9	10	6.79	1.91	0.60	10	8.77	2.61	0.82	10	8.05	3.84	1.21	3	7.87	1.00	0.58

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	1.81	0.35	0.11	10	1.79	0.46	0.15	10	1.78	0.18	0.06	3	1.79	0.02	0.01
	2	10	5.66	0.20	0.06	10	5.47	0.50	0.16	10	5.69	0.30	0.10	3	5.60	0.12	0.07
	3	10	10.71	0.28	0.09	10	10.56	0.63	0.20	10	10.28	0.52	0.16	3	10.52	0.22	0.12
	4	10	15.07	0.71	0.23	10	15.19	0.89	0.28	10	14.91	0.32	0.10	3	15.06	0.14	0.08
	5	10	21.12	0.38	0.12	10	21.38	0.57	0.18	10	20.96	0.63	0.20	3	21.15	0.21	0.12
	9	10	10.41	2.39	0.76	10	9.14	2.06	0.65	10	10.01	1.05	0.33	3	9.85	0.65	0.38
30-Minute	1	10	1.75	0.29	0.09	10	1.87	0.23	0.07	10	1.91	0.31	0.10	3	1.84	0.08	0.05
	2	10	5.70	0.64	0.20	10	5.50	0.34	0.11	10	5.52	0.40	0.13	3	5.57	0.11	0.06
	3	10	9.84	0.65	0.21	10	10.22	0.54	0.17	10	9.99	0.46	0.15	3	10.02	0.19	0.11
	4	9	15.44	0.76	0.25	10	14.75	0.63	0.20	9	14.98	0.62	0.21	3	15.06	0.35	0.20
	5	9	20.59	0.71	0.24	8	19.74	1.05	0.37	9	21.14	1.39	0.46	3	20.49	0.71	0.41
	9	10	6.24	2.38	0.75	10	4.50	1.42	0.45	10	4.68	1.24	0.39	3	5.14	0.95	0.55
300-Minute	1	10	2.04	0.37	0.12	10	1.78	0.30	0.09	10	1.82	0.24	0.08	3	1.88	0.14	0.08
	2	10	5.37	0.38	0.12	10	5.56	0.48	0.15	10	5.46	0.39	0.12	3	5.46	0.09	0.05
	3	10	10.35	0.32	0.10	10	9.99	0.75	0.24	10	10.07	0.33	0.11	3	10.14	0.19	0.11
	4	10	15.07	0.66	0.21	9	15.59	0.82	0.27	10	14.95	0.44	0.14	3	15.20	0.34	0.20
	5	10	20.85	0.45	0.14	10	21.39	0.87	0.27	10	21.27	1.14	0.36	3	21.17	0.28	0.16
	9	10	6.56	1.58	0.50	10	7.19	2.93	0.93	10	5.99	1.50	0.47	3	6.58	0.60	0.35
600-Minute	1	10	1.70	0.46	0.15	10	1.82	0.20	0.06	10	1.66	0.30	0.09	3	1.73	0.09	0.05
	2	9	5.71	0.96	0.32	10	5.50	0.37	0.12	10	5.60	0.77	0.24	3	5.60	0.10	0.06
	3	8	10.12	0.57	0.20	10	10.24	0.44	0.14	9	9.89	0.34	0.11	3	10.08	0.18	0.10
	4	5	14.72	0.64	0.28	10	15.20	0.43	0.13	8	15.26	0.52	0.18	3	15.06	0.30	0.17
	5	8	20.10	1.57	0.56	10	20.87	0.51	0.16	8	21.41	0.20	0.07	3	20.79	0.65	0.38
	9	10	5.13	3.27	1.03	10	8.25	1.78	0.56	10	6.81	3.15	1.00	3	6.73	1.56	0.90

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	29.62	15.90	5.03	10	35.79	7.60	2.40	10	33.88	12.17	3.85	3	33.10	3.16	1.82
	2	10	12.36	4.51	1.43	10	22.37	6.14	1.94	10	12.98	3.35	1.06	3	15.91	5.61	3.24
	3	10	14.06	5.37	1.70	10	13.20	4.83	1.53	10	14.13	2.59	0.82	3	13.80	0.52	0.30
	4	10	17.33	7.31	2.31	10	11.95	5.15	1.63	10	14.58	7.91	2.50	3	14.62	2.69	1.55
	5	10	26.62	8.88	2.81	10	16.68	6.41	2.03	10	24.42	5.86	1.85	3	22.58	5.22	3.01
30-Minute	1	10	57.57	14.05	4.44	10	65.94	14.07	4.45	10	63.02	15.78	4.99	3	62.18	4.25	2.45
	2	10	19.39	7.35	2.33	10	20.24	12.47	3.94	10	16.22	8.27	2.62	3	18.61	2.12	1.22
	3	10	9.01	3.97	1.26	10	6.41	2.20	0.69	10	9.29	4.32	1.37	3	8.24	1.59	0.92
	4	10	6.72	3.30	1.04	10	4.32	1.61	0.51	10	6.62	4.18	1.32	3	5.88	1.36	0.78
	5	10	7.31	4.29	1.36	10	3.09	1.58	0.50	10	4.86	3.05	0.96	3	5.09	2.12	1.22
300-Minute	1	10	54.85	13.40	4.24	10	49.81	16.79	5.31	10	63.84	16.21	5.13	3	56.16	7.11	4.10
	2	10	15.13	6.32	2.00	10	15.93	4.40	1.39	10	17.18	6.97	2.20	3	16.08	1.04	0.60
	3	10	10.00	4.44	1.40	10	10.42	5.33	1.68	10	7.08	3.88	1.23	3	9.17	1.82	1.05
	4	10	9.91	3.21	1.01	10	10.89	5.79	1.83	10	6.29	4.27	1.35	3	9.03	2.43	1.40
	5	10	10.11	5.37	1.70	10	12.95	7.11	2.25	10	5.61	4.71	1.49	3	9.56	3.70	2.14
600-Minute	1	10	39.99	12.58	3.98	10	45.36	15.95	5.04	10	49.55	10.32	3.26	3	44.96	4.79	2.77
	2	10	13.60	5.70	1.80	10	14.24	6.14	1.94	10	11.30	2.78	0.88	3	13.05	1.55	0.89
	3	10	10.89	2.81	0.89	10	12.83	5.75	1.82	10	9.02	4.00	1.27	3	10.92	1.91	1.10
	4	10	15.47	9.19	2.91	10	12.48	5.19	1.64	10	13.27	5.07	1.60	3	13.74	1.55	0.90
	5	10	20.04	6.31	1.99	10	15.09	5.79	1.83	10	16.87	7.34	2.32	3	17.33	2.51	1.45

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	26.52	13.59	4.30	10	40.15	6.35	2.01	10	32.66	12.38	3.92	3	33.11	6.82	3.94
	2	10	13.50	5.39	1.70	10	19.83	7.87	2.49	10	10.87	2.55	0.81	3	14.73	4.61	2.66
	3	10	17.44	6.05	1.91	10	12.33	3.10	0.98	10	16.78	5.75	1.82	3	15.52	2.78	1.61
	4	10	16.96	4.50	1.42	10	10.34	3.48	1.10	10	14.43	4.96	1.57	3	13.91	3.34	1.93
	5	10	25.58	8.63	2.73	10	17.35	8.17	2.58	10	25.25	5.32	1.68	3	22.73	4.66	2.69
30-Minute	1	10	54.13	19.58	6.19	10	64.48	12.44	3.93	10	64.90	13.46	4.26	3	61.17	6.10	3.52
	2	10	18.32	7.73	2.44	10	19.78	10.52	3.33	10	17.16	7.75	2.45	3	18.42	1.31	0.76
	3	10	10.20	4.56	1.44	10	6.41	2.22	0.70	10	7.67	3.08	0.97	3	8.09	1.93	1.11
	4	10	8.56	5.10	1.61	10	6.00	4.14	1.31	10	6.26	6.41	2.03	3	6.94	1.40	0.81
	5	10	8.79	5.04	1.59	10	3.32	1.66	0.53	10	4.01	2.37	0.75	3	5.38	2.98	1.72
300-Minute	1	10	53.00	6.08	1.92	10	50.89	9.19	2.90	10	63.61	12.15	3.84	3	55.83	6.82	3.94
	2	10	17.37	7.12	2.25	10	15.73	6.14	1.94	10	17.43	6.20	1.96	3	16.84	0.96	0.56
	3	10	10.16	2.24	0.71	10	9.61	3.52	1.11	10	7.00	2.90	0.92	3	8.93	1.69	0.97
	4	10	8.49	1.72	0.54	10	9.99	4.71	1.49	10	5.98	3.59	1.13	3	8.15	2.03	1.17
	5	10	10.97	4.58	1.45	10	13.78	4.20	1.33	10	5.98	3.41	1.08	3	10.24	3.95	2.28
600-Minute	1	10	54.83	9.88	3.13	10	44.07	7.76	2.45	10	46.32	16.37	5.18	3	48.41	5.68	3.28
	2	10	13.03	5.40	1.71	10	12.53	4.36	1.38	10	12.83	6.82	2.16	3	12.80	0.25	0.15
	3	10	9.99	3.07	0.97	10	11.16	4.61	1.46	10	12.42	6.40	2.02	3	11.19	1.21	0.70
	4	10	9.31	3.92	1.24	10	14.05	3.63	1.15	10	11.67	4.58	1.45	3	11.67	2.37	1.37
	5	10	12.84	4.68	1.48	10	18.19	4.49	1.42	10	16.76	6.45	2.04	3	15.93	2.77	1.60

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	19.38	17.78	5.62	10	47.33	14.06	4.45	10	50.11	11.73	3.71	3	38.94	16.99	9.81
	2	10	10.28	3.59	1.13	10	9.79	4.76	1.51	10	6.69	3.47	1.10	3	8.92	1.94	1.12
	3	10	16.20	5.62	1.78	10	11.47	4.31	1.36	10	11.16	2.73	0.86	3	12.94	2.82	1.63
	4	10	21.52	8.02	2.54	10	12.09	6.29	1.99	10	11.93	3.43	1.09	3	15.18	5.49	3.17
	5	10	32.62	10.94	3.46	10	19.32	8.87	2.80	10	20.12	6.41	2.03	3	24.02	7.46	4.31
30-Minute	1	10	64.44	20.03	6.33	10	76.43	11.51	3.64	10	78.82	14.71	4.65	3	73.23	7.70	4.45
	2	10	15.38	5.09	1.61	10	11.91	4.96	1.57	10	12.93	8.43	2.67	3	13.41	1.79	1.03
	3	10	7.00	4.44	1.41	10	5.93	3.17	1.00	10	4.40	3.59	1.13	3	5.78	1.31	0.75
	4	10	7.59	9.72	3.07	10	3.48	2.76	0.87	10	2.85	3.59	1.14	3	4.64	2.57	1.48
	5	10	5.59	6.03	1.91	10	2.25	3.04	0.96	10	0.99	1.76	0.56	3	2.94	2.37	1.37
300-Minute	1	10	58.47	12.88	4.07	10	46.11	17.44	5.51	10	51.47	15.84	5.01	3	52.02	6.20	3.58
	2	10	15.29	5.83	1.85	10	13.35	5.11	1.62	10	18.26	7.13	2.26	3	15.63	2.48	1.43
	3	10	10.52	6.97	2.20	10	10.73	4.71	1.49	10	11.06	3.93	1.24	3	10.77	0.27	0.16
	4	10	6.58	3.58	1.13	10	13.05	6.23	1.97	10	9.12	4.48	1.42	3	9.58	3.26	1.88
	5	10	9.14	5.37	1.70	10	16.76	7.46	2.36	10	10.09	6.27	1.98	3	12.00	4.15	2.40
600-Minute	1	10	54.80	13.20	4.17	10	42.55	17.29	5.47	10	49.94	25.61	8.10	3	49.10	6.17	3.56
	2	10	12.46	6.28	1.99	10	13.88	4.58	1.45	10	11.27	4.56	1.44	3	12.54	1.31	0.75
	3	10	9.10	2.20	0.69	10	11.35	5.73	1.81	10	7.59	4.59	1.45	3	9.35	1.89	1.09
	4	10	11.33	4.63	1.47	10	11.46	4.68	1.48	10	13.50	11.00	3.48	3	12.09	1.22	0.70
	5	10	12.31	7.51	2.37	10	20.76	10.35	3.27	10	17.70	10.86	3.43	3	16.93	4.28	2.47

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.4 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	33.39	15.12	4.78	10	37.67	17.34	5.48	10	31.34	7.93	2.51	3	34.13	3.23	1.87
	2	10	10.48	2.39	0.76	10	13.02	6.29	1.99	10	11.80	2.37	0.75	3	11.77	1.27	0.74
	3	10	16.11	7.50	2.37	10	15.95	8.38	2.65	10	20.30	8.22	2.60	3	17.45	2.47	1.42
	4	10	15.39	9.54	3.02	10	16.48	9.81	3.10	10	16.11	4.45	1.41	3	15.99	0.56	0.32
	5	10	24.64	7.13	2.25	10	16.88	4.66	1.47	10	20.46	2.49	0.79	3	20.66	3.88	2.24
30-Minute	1	10	54.75	19.85	6.28	10	66.21	12.71	4.02	10	63.11	12.70	4.02	3	61.35	5.93	3.42
	2	10	15.83	8.15	2.58	10	15.57	5.38	1.70	10	19.07	7.44	2.35	3	16.82	1.95	1.13
	3	10	10.25	5.48	1.73	10	9.48	3.29	1.04	10	8.85	4.59	1.45	3	9.53	0.70	0.40
	4	10	10.89	7.60	2.40	10	5.84	3.78	1.19	10	5.55	2.96	0.94	3	7.43	3.00	1.73
	5	10	8.29	5.64	1.78	10	2.89	3.20	1.01	10	3.42	2.46	0.78	3	4.87	2.98	1.72
300-Minute	1	10	52.92	11.49	3.63	10	49.90	23.40	7.40	10	50.97	11.46	3.62	3	51.26	1.53	0.88
	2	10	16.46	4.23	1.34	10	15.08	6.12	1.93	10	22.96	6.56	2.07	3	18.17	4.21	2.43
	3	10	11.43	6.13	1.94	10	12.16	9.30	2.94	10	10.70	3.68	1.16	3	11.43	0.73	0.42
	4	10	9.47	3.19	1.01	10	9.93	6.28	1.99	10	8.46	4.44	1.40	3	9.29	0.75	0.43
	5	10	9.72	4.64	1.47	10	12.93	7.51	2.37	10	6.90	4.13	1.31	3	9.85	3.01	1.74
600-Minute	1	10	65.81	28.74	9.09	10	41.17	11.84	3.74	10	55.51	22.23	7.03	3	54.16	12.38	7.15
	2	10	10.46	9.42	2.98	10	15.94	5.51	1.74	10	11.66	6.06	1.92	3	12.69	2.88	1.66
	3	10	9.67	9.03	2.85	10	15.74	7.54	2.38	10	9.93	4.89	1.55	3	11.78	3.43	1.98
	4	10	6.12	7.47	2.36	10	11.37	3.00	0.95	10	10.18	8.59	2.71	3	9.22	2.75	1.59
	5	10	7.93	6.24	1.97	10	15.78	6.37	2.01	10	12.72	8.52	2.70	3	12.14	3.95	2.28

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	45.10	23.26	7.35	10	45.91	23.92	7.56	10	32.15	13.93	4.41	3	41.05	7.72	4.46
	2	10	25.14	10.74	3.40	10	28.60	8.78	2.78	10	22.32	8.09	2.56	3	25.35	3.15	1.82
	3	10	27.51	12.02	3.80	10	27.59	9.45	2.99	10	31.79	12.12	3.83	3	28.96	2.45	1.41
	4	10	25.54	8.90	2.81	10	31.67	11.36	3.59	10	28.67	13.42	4.24	3	28.63	3.07	1.77
	5	10	42.89	14.65	4.63	10	36.92	12.82	4.05	10	28.49	11.46	3.62	3	36.10	7.24	4.18
	6	10	22.54	8.09	2.56	10	26.81	15.04	4.75	10	20.34	10.59	3.35	3	23.23	3.29	1.90
	7	10	70.81	19.24	6.08	10	83.50	20.41	6.45	10	57.33	15.13	4.79	3	70.54	13.09	7.56
	8	10	0.89	0.56	0.18	10	1.19	0.48	0.15	10	0.73	0.42	0.13	3	0.94	0.23	0.14
	9	10	166.19	51.07	16.15	10	170.69	39.75	12.57	10	143.40	36.95	11.69	3	160.09	14.63	8.44
30-Minute	1	10	76.25	57.75	18.26	10	79.88	49.39	15.62	10	90.81	47.21	14.93	3	82.31	7.58	4.37
	2	10	24.92	10.34	3.27	10	34.50	18.60	5.88	10	30.92	16.74	5.29	3	30.11	4.84	2.80
	3	10	28.56	12.54	3.96	10	23.38	12.75	4.03	10	17.69	5.44	1.72	3	23.21	5.44	3.14
	4	10	23.54	10.08	3.19	10	28.41	15.46	4.89	10	15.41	7.72	2.44	3	22.45	6.57	3.79
	5	10	33.16	14.10	4.46	10	32.77	18.59	5.88	10	21.19	7.72	2.44	3	29.04	6.80	3.93
	6	10	21.79	10.27	3.25	10	21.31	11.20	3.54	10	36.80	73.05	23.10	3	26.64	8.81	5.08
	7	10	88.30	37.18	11.76	10	65.10	34.12	10.79	10	28.97	9.56	3.02	3	60.79	29.90	17.26
	8	10	0.87	0.76	0.24	10	1.31	1.15	0.36	10	0.11	0.21	0.07	3	0.77	0.61	0.35
	9	10	186.42	65.14	20.60	10	198.94	58.68	18.56	10	175.37	65.71	20.78	3	186.91	11.79	6.81
90-Minute	1	10	95.40	46.00	14.55	10	92.73	44.94	14.21	10	97.47	38.29	12.11	3	95.20	2.38	1.37
	2	10	50.92	40.26	12.73	10	27.77	13.09	4.14	10	47.57	21.00	6.64	3	42.08	12.51	7.22
	3	10	25.98	8.70	2.75	10	24.78	13.04	4.12	10	32.20	11.40	3.61	3	27.65	3.98	2.30
	4	10	26.79	9.05	2.86	10	18.29	7.34	2.32	10	24.87	11.63	3.68	3	23.32	4.46	2.57
	5	10	27.53	9.81	3.10	10	22.94	11.39	3.60	10	22.41	9.80	3.10	3	24.29	2.81	1.62
	6	10	18.41	5.01	1.58	10	14.75	8.92	2.82	10	17.86	5.60	1.77	3	17.01	1.97	1.14
	7	10	81.55	21.06	6.66	10	50.80	39.24	12.41	10	41.67	20.88	6.60	3	58.01	20.90	12.07
	8	10	1.56	1.46	0.46	10	0.90	1.02	0.32	10	0.30	0.42	0.13	3	0.92	0.63	0.36
	9	10	226.61	94.66	29.93	10	186.50	50.09	15.84	10	224.52	58.18	18.40	3	212.54	22.58	13.03
300-Minute	1	10	136.54	62.34	19.71	10	115.49	72.81	23.03	10	163.46	84.57	26.74	3	138.50	24.05	13.88
	2	10	44.91	20.81	6.58	10	41.85	19.92	6.30	10	55.72	27.84	8.80	3	47.49	7.29	4.21
	3	10	26.22	10.78	3.41	10	22.20	9.82	3.11	10	28.07	15.97	5.05	3	25.50	3.00	1.73
	4	10	20.16	6.77	2.14	10	22.72	8.07	2.55	10	20.96	7.93	2.51	3	21.28	1.31	0.76
	5	10	33.48	14.35	4.54	10	29.34	11.98	3.79	10	27.52	7.40	2.34	3	30.11	3.05	1.76
	6	10	18.72	6.17	1.95	10	20.84	9.34	2.95	10	20.11	9.01	2.85	3	19.89	1.08	0.62
	7	10	76.59	30.94	9.78	10	67.07	32.30	10.21	10	72.46	66.70	21.09	3	72.04	4.77	2.76
	8	10	1.24	0.80	0.25	10	0.79	0.59	0.19	10	0.73	0.91	0.29	3	0.92	0.28	0.16
	9	10	261.31	74.34	23.51	10	231.61	81.20	25.68	10	295.74	115.23	36.44	3	262.88	32.09	18.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 4 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	47.93	36.91	11.67	10	72.82	28.48	9.01	10	96.15	81.10	25.65	3	72.30	24.12	13.92
	2	10	22.31	7.65	2.42	10	23.93	15.38	4.86	10	36.41	17.04	5.39	3	27.55	7.71	4.45
	3	10	18.26	6.36	2.01	10	18.20	7.40	2.34	10	15.89	5.66	1.79	3	17.45	1.35	0.78
	4	10	24.98	8.99	2.84	10	20.47	13.82	4.37	10	16.52	8.30	2.63	3	20.66	4.23	2.44
	5	10	37.79	12.74	4.03	10	29.02	14.50	4.59	10	53.00	40.31	12.75	3	39.94	12.13	7.00
	6	10	28.99	12.52	3.96	10	23.23	13.26	4.19	10	28.04	18.27	5.78	3	26.75	3.09	1.78
	7	10	95.74	19.09	6.04	10	63.21	19.64	6.21	10	55.29	34.29	10.84	3	71.41	21.44	12.38
	8	10	1.27	0.57	0.18	10	1.04	1.06	0.34	10	0.64	0.67	0.21	3	0.98	0.32	0.18
	9	10	151.26	54.92	17.37	10	164.44	51.55	16.30	10	217.96	105.18	33.26	3	177.89	35.32	20.39

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	46.48	20.77	6.57	10	45.15	19.85	6.28	10	35.01	18.41	5.82	3	42.21	6.28	3.62
	2	10	26.40	11.03	3.49	10	23.08	11.46	3.62	10	21.98	10.08	3.19	3	23.82	2.30	1.33
	3	10	28.82	13.43	4.25	10	24.20	15.75	4.98	10	29.90	15.05	4.76	3	27.64	3.03	1.75
	4	10	25.55	12.30	3.89	10	30.07	7.05	2.23	10	26.08	12.80	4.05	3	27.23	2.47	1.43
	5	10	30.28	15.79	4.99	10	44.33	16.30	5.16	10	29.56	10.93	3.46	3	34.72	8.32	4.81
	6	10	18.63	10.11	3.20	10	24.08	5.91	1.87	10	27.15	17.35	5.49	3	23.29	4.32	2.49
	7	10	49.69	22.16	7.01	10	84.99	23.12	7.31	10	61.03	27.51	8.70	3	65.24	18.02	10.40
	8	10	0.59	0.35	0.11	10	0.85	0.77	0.24	10	0.57	0.46	0.14	3	0.67	0.16	0.09
	9	10	157.53	44.44	14.05	10	166.81	33.96	10.74	10	142.53	45.76	14.47	3	155.62	12.25	7.07
30-Minute	1	10	54.84	37.94	12.00	10	70.38	27.06	8.56	10	63.18	35.41	11.20	3	62.80	7.78	4.49
	2	10	23.53	17.83	5.64	10	31.77	16.33	5.16	10	22.15	12.35	3.90	3	25.82	5.20	3.00
	3	10	22.88	10.51	3.32	10	27.27	15.52	4.91	10	13.64	4.88	1.54	3	21.27	6.95	4.02
	4	10	26.22	19.61	6.20	10	20.77	9.26	2.93	10	12.04	5.89	1.86	3	19.68	7.15	4.13
	5	10	24.35	12.98	4.11	10	19.24	9.24	2.92	10	13.34	4.69	1.48	3	18.97	5.51	3.18
	6	10	19.05	10.10	3.19	10	19.79	7.49	2.37	10	27.51	53.86	17.03	3	22.11	4.69	2.71
	7	10	62.49	25.29	8.00	10	54.09	34.07	10.77	10	22.12	6.26	1.98	3	46.24	21.30	12.30
	8	10	0.53	0.25	0.08	10	0.84	0.75	0.24	10	0.17	0.21	0.07	3	0.51	0.33	0.19
	9	10	151.83	74.76	23.64	10	169.42	52.21	16.51	10	123.48	40.35	12.76	3	148.24	23.18	13.38
90-Minute	1	10	77.71	39.83	12.59	10	64.25	29.02	9.18	10	73.43	32.97	10.42	3	71.80	6.88	3.97
	2	10	29.73	14.28	4.52	10	27.89	9.02	2.85	10	33.96	11.54	3.65	3	30.53	3.11	1.80
	3	10	20.14	7.37	2.33	10	18.45	9.28	2.94	10	24.81	7.75	2.45	3	21.13	3.30	1.90
	4	10	21.22	8.84	2.79	10	14.45	6.04	1.91	10	23.66	8.67	2.74	3	19.78	4.77	2.76
	5	10	22.94	6.60	2.09	10	15.40	7.10	2.25	10	19.41	4.71	1.49	3	19.25	3.77	2.18
	6	10	22.54	7.87	2.49	10	15.82	4.52	1.43	10	16.09	3.31	1.05	3	18.15	3.80	2.20
	7	10	67.21	18.92	5.98	10	34.81	25.78	8.15	10	36.97	9.04	2.86	3	46.33	18.11	10.46
	8	10	0.80	0.42	0.13	10	0.37	0.37	0.12	10	0.21	0.25	0.08	3	0.46	0.30	0.18
	9	10	171.75	57.75	18.26	10	140.44	39.34	12.44	10	175.27	37.69	11.92	3	162.49	19.18	11.07
300-Minute	1	10	104.49	43.27	13.68	10	115.33	70.77	22.38	10	130.67	42.24	13.36	3	116.83	13.16	7.60
	2	10	36.01	15.30	4.84	10	29.57	14.55	4.60	10	54.21	20.77	6.57	3	39.93	12.78	7.38
	3	10	22.57	11.69	3.70	10	24.69	12.23	3.87	10	30.01	12.75	4.03	3	25.76	3.83	2.21
	4	10	22.87	14.46	4.57	10	24.80	9.14	2.89	10	22.87	6.48	2.05	3	23.52	1.12	0.64
	5	10	33.59	18.30	5.79	10	32.92	15.03	4.75	10	28.27	10.45	3.31	3	31.59	2.90	1.67
	6	10	21.20	17.33	5.48	10	22.93	14.28	4.52	10	28.55	11.60	3.67	3	24.22	3.84	2.22
	7	10	78.92	43.97	13.91	10	65.05	23.08	7.30	10	80.56	50.06	15.83	3	74.84	8.52	4.92
	8	10	0.94	1.10	0.35	10	0.47	0.54	0.17	10	0.77	0.92	0.29	3	0.73	0.24	0.14
	9	10	219.53	66.95	21.17	10	227.32	80.52	25.46	10	266.04	60.97	19.28	3	237.63	24.91	14.38

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 3 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	50.94	29.58	9.35	10	62.84	22.06	6.98	10	54.37	25.80	8.16	3	56.05	6.13	3.54
	2	10	17.69	8.16	2.58	10	21.45	9.73	3.08	10	26.20	13.47	4.26	3	21.78	4.26	2.46
	3	10	18.08	7.59	2.40	10	18.27	6.17	1.95	10	19.87	10.14	3.21	3	18.74	0.99	0.57
	4	10	35.34	28.81	9.11	10	24.09	16.53	5.23	10	17.34	10.74	3.40	3	25.59	9.10	5.25
	5	10	43.30	18.65	5.90	10	22.23	5.97	1.89	10	41.95	33.97	10.74	3	35.82	11.79	6.81
	6	10	35.98	12.90	4.08	10	24.58	14.80	4.68	10	31.34	29.46	9.32	3	30.63	5.73	3.31
	7	10	106.23	39.79	12.58	10	60.79	28.07	8.88	10	141.00	159.47	50.43	3	102.68	40.23	23.22
	8	10	0.90	0.83	0.26	10	1.85	3.37	1.07	10	2.40	3.19	1.01	3	1.72	0.76	0.44
	9	10	165.35	71.63	22.65	10	148.88	37.94	12.00	10	159.72	76.01	24.04	3	157.98	8.37	4.83

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	25.07	15.87	5.02	10	13.16	5.66	1.79	10	16.03	10.55	3.34	3	18.08	6.21	3.59
	2	10	12.35	5.74	1.82	10	9.66	5.37	1.70	10	10.54	4.66	1.47	3	10.85	1.37	0.79
	3	10	16.33	8.09	2.56	10	14.58	6.93	2.19	10	13.02	2.62	0.83	3	14.64	1.65	0.95
	4	10	12.37	4.61	1.46	10	8.91	3.91	1.24	10	9.08	2.49	0.79	3	10.12	1.95	1.13
	5	10	11.67	4.06	1.28	10	10.96	2.76	0.87	10	9.10	1.82	0.58	3	10.58	1.33	0.77
	6	10	5.19	2.35	0.74	10	5.13	1.27	0.40	10	3.80	1.03	0.33	3	4.70	0.79	0.45
	7	10	15.29	5.91	1.87	10	18.27	3.12	0.99	10	13.26	4.12	1.30	3	15.61	2.52	1.46
	8	10	0.09	0.12	0.04	10	0.21	0.18	0.06	10	0.17	0.12	0.04	3	0.16	0.06	0.04
	9	10	77.78	25.36	8.02	10	57.27	18.82	5.95	10	57.77	15.92	5.04	3	64.27	11.70	6.75
30-Minute	1	10	36.17	17.74	5.61	10	49.28	24.09	7.62	10	39.21	15.15	4.79	3	41.55	6.86	3.96
	2	10	11.03	5.25	1.66	10	11.53	6.39	2.02	10	12.75	5.80	1.83	3	11.77	0.88	0.51
	3	10	9.10	4.30	1.36	10	11.87	4.45	1.41	10	8.93	2.77	0.88	3	9.97	1.65	0.95
	4	10	10.07	3.19	1.01	10	12.15	5.43	1.72	10	7.70	3.50	1.11	3	9.97	2.23	1.29
	5	10	11.85	5.09	1.61	10	11.08	4.99	1.58	10	6.87	2.24	0.71	3	9.93	2.68	1.55
	6	10	7.24	2.40	0.76	10	6.43	3.05	0.96	10	13.97	29.13	9.21	3	9.21	4.14	2.39
	7	10	22.10	8.39	2.65	10	15.63	7.80	2.47	10	12.47	3.12	0.99	3	16.73	4.91	2.83
	8	10	0.20	0.17	0.05	10	0.05	0.13	0.04	10	0.04	0.09	0.03	3	0.10	0.09	0.05
	9	10	78.22	25.73	8.14	10	95.92	27.64	8.74	10	74.95	19.59	6.19	3	83.03	11.28	6.51
90-Minute	1	10	28.42	20.80	6.58	10	20.55	5.68	1.79	10	26.84	10.78	3.41	3	25.27	4.16	2.40
	2	10	9.12	4.01	1.27	10	12.22	6.65	2.10	10	15.22	6.55	2.07	3	12.19	3.05	1.76
	3	10	8.59	3.45	1.09	10	10.05	3.46	1.09	10	9.95	5.09	1.61	3	9.53	0.82	0.47
	4	10	9.49	2.13	0.67	10	10.99	4.50	1.42	10	7.67	2.64	0.83	3	9.38	1.66	0.96
	5	10	10.95	3.50	1.11	10	8.30	1.89	0.60	10	7.77	2.92	0.92	3	9.01	1.70	0.98
	6	10	5.71	2.39	0.76	10	4.56	2.40	0.76	10	5.63	2.00	0.63	3	5.30	0.64	0.37
	7	10	17.90	2.52	0.80	10	13.44	5.65	1.79	10	12.57	5.34	1.69	3	14.64	2.86	1.65
	8	10	0.18	0.16	0.05	10	0.08	0.11	0.03	10	0.12	0.14	0.05	3	0.13	0.05	0.03
	9	10	66.57	28.49	9.01	10	62.10	9.03	2.86	10	67.46	14.17	4.48	3	65.37	2.87	1.66
300-Minute	1	10	32.92	12.99	4.11	10	38.25	23.13	7.31	10	33.97	19.59	6.20	3	35.05	2.82	1.63
	2	10	10.09	3.81	1.21	10	14.50	6.95	2.20	10	12.51	4.45	1.41	3	12.37	2.21	1.27
	3	10	9.89	3.03	0.96	10	11.00	2.78	0.88	10	10.84	4.09	1.29	3	10.58	0.60	0.35
	4	10	7.19	3.17	1.00	10	7.56	2.11	0.67	10	7.92	2.23	0.70	3	7.56	0.37	0.21
	5	10	11.44	3.81	1.20	10	10.18	4.93	1.56	10	10.03	2.47	0.78	3	10.55	0.78	0.45
	6	10	8.66	2.94	0.93	10	7.09	2.12	0.67	10	7.37	2.90	0.92	3	7.71	0.84	0.48
	7	10	27.81	14.30	4.52	10	16.75	7.13	2.25	10	17.28	9.10	2.88	3	20.61	6.24	3.60
	8	10	0.38	0.49	0.15	10	0.12	0.17	0.05	10	0.09	0.12	0.04	3	0.20	0.16	0.09
	9	10	71.53	19.90	6.29	10	81.49	19.96	6.31	10	75.28	22.79	7.21	3	76.10	5.03	2.90

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 2 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	29.76	15.70	4.96	10	20.66	13.24	4.19	10	31.66	13.81	4.37	3	27.36	5.87	3.39
	2	10	9.38	3.71	1.17	10	12.99	4.58	1.45	10	13.39	4.82	1.52	3	11.92	2.21	1.28
	3	10	10.24	2.62	0.83	10	8.40	2.96	0.93	10	9.75	5.11	1.61	3	9.46	0.95	0.55
	4	10	9.57	4.33	1.37	10	7.97	2.29	0.72	10	10.94	7.96	2.52	3	9.49	1.49	0.86
	5	10	11.93	2.94	0.93	10	11.34	3.39	1.07	10	21.86	20.02	6.33	3	15.04	5.91	3.41
	6	10	7.83	4.30	1.36	10	7.07	1.52	0.48	10	14.58	16.64	5.26	3	9.83	4.14	2.39
	7	10	23.82	12.20	3.86	10	23.81	13.15	4.16	10	51.52	55.47	17.54	3	33.05	16.00	9.24
	8	10	0.12	0.21	0.07	10	0.63	0.82	0.26	10	0.61	0.87	0.28	3	0.45	0.29	0.17
	9	10	70.87	19.64	6.21	10	61.37	17.16	5.43	10	87.59	36.30	11.48	3	73.28	13.28	7.67

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
Baseline	1	10	25.68	21.16	6.69	10	26.02	12.87	4.07	10	24.09	10.17	3.22	3	25.26	1.03	0.59
	2	10	14.65	5.67	1.79	10	17.27	6.08	1.92	10	14.07	4.21	1.33	3	15.33	1.70	0.98
	3	10	26.63	19.97	6.31	10	20.66	7.27	2.30	10	25.27	15.58	4.93	3	24.19	3.13	1.80
	4	10	21.97	9.80	3.10	10	22.19	9.24	2.92	10	25.71	13.33	4.21	3	23.29	2.10	1.21
	5	10	35.96	17.41	5.50	10	31.94	13.57	4.29	10	28.75	11.21	3.55	3	32.22	3.61	2.09
	6	10	18.71	10.06	3.18	10	26.95	10.49	3.32	10	16.87	8.64	2.73	3	20.84	5.37	3.10
	7	10	63.99	30.09	9.52	10	101.88	34.13	10.79	10	68.70	25.60	8.10	3	78.19	20.65	11.92
	8	10	1.28	0.97	0.31	10	1.44	0.67	0.21	10	1.00	0.47	0.15	3	1.24	0.22	0.13
	9	10	124.89	44.16	13.96	10	118.08	27.89	8.82	10	117.90	31.77	10.05	3	120.29	3.99	2.30
30-Minute	1	10	94.02	72.71	22.99	10	63.30	50.92	16.10	10	82.89	34.38	10.87	3	80.07	15.55	8.98
	2	10	21.79	11.83	3.74	10	17.10	11.18	3.54	10	18.39	7.41	2.34	3	19.09	2.42	1.40
	3	10	17.54	8.65	2.73	10	17.26	6.17	1.95	10	8.97	3.60	1.14	3	14.59	4.87	2.81
	4	10	18.37	9.69	3.06	10	19.75	11.02	3.48	10	7.58	3.36	1.06	3	15.23	6.66	3.85
	5	10	29.38	19.09	6.04	10	30.97	24.11	7.62	10	8.62	4.50	1.42	3	22.99	12.47	7.20
	6	10	17.44	6.03	1.91	10	16.99	14.51	4.59	10	19.67	39.09	12.36	3	18.03	1.44	0.83
	7	10	75.16	46.28	14.63	10	72.05	63.27	20.01	10	14.08	8.31	2.63	3	53.76	34.40	19.86
	8	10	0.85	1.10	0.35	10	1.35	1.39	0.44	10	0.09	0.29	0.09	3	0.76	0.63	0.37
	9	10	181.10	68.65	21.71	10	148.39	45.32	14.33	10	124.42	38.97	12.32	3	151.31	28.45	16.43
90-Minute	1	10	45.46	34.12	10.79	10	57.91	36.59	11.57	10	69.07	36.11	11.42	3	57.48	11.81	6.82
	2	10	16.55	9.67	3.06	10	15.00	5.52	1.74	10	23.83	9.62	3.04	3	18.46	4.72	2.72
	3	10	20.70	7.51	2.38	10	16.52	9.37	2.96	10	15.81	7.66	2.42	3	17.68	2.64	1.53
	4	10	23.29	5.79	1.83	10	14.73	7.57	2.40	10	11.74	3.99	1.26	3	16.59	6.00	3.46
	5	10	33.20	8.79	2.78	10	16.83	11.95	3.78	10	13.08	7.13	2.25	3	21.03	10.70	6.18
	6	10	25.83	10.60	3.35	10	11.75	12.02	3.80	10	10.94	5.59	1.77	3	16.17	8.38	4.84
	7	10	91.57	28.06	8.87	10	43.69	45.79	14.48	10	28.82	19.54	6.18	3	54.70	32.79	18.93
	8	10	1.75	1.32	0.42	10	1.26	2.06	0.65	10	0.35	0.50	0.16	3	1.12	0.71	0.41
	9	10	139.20	40.78	12.90	10	120.97	41.07	12.99	10	133.53	40.37	12.77	3	131.24	9.33	5.39
300-Minute	1	10	60.24	45.42	14.36	10	61.22	28.92	9.14	10	96.65	57.09	18.05	3	72.70	20.74	11.98
	2	10	19.87	7.94	2.51	10	22.20	6.49	2.05	10	24.31	12.08	3.82	3	22.13	2.22	1.28
	3	10	23.22	11.15	3.53	10	17.84	10.96	3.47	10	17.89	17.40	5.50	3	19.65	3.09	1.78
	4	10	17.89	7.41	2.34	10	13.67	8.89	2.81	10	18.08	11.84	3.74	3	16.54	2.49	1.44
	5	10	27.71	13.91	4.40	10	23.36	13.19	4.17	10	23.82	17.72	5.60	3	24.96	2.39	1.38
	6	10	25.55	14.00	4.43	10	12.34	7.77	2.46	10	19.59	16.52	5.22	3	19.16	6.62	3.82
	7	10	105.33	57.38	18.14	10	63.97	52.17	16.50	10	76.78	105.13	33.25	3	82.03	21.17	12.22
	8	10	2.06	1.91	0.60	10	0.75	0.95	0.30	10	0.80	1.69	0.53	3	1.20	0.74	0.43
	9	10	148.93	69.88	22.10	10	138.28	41.19	13.02	10	180.75	96.97	30.67	3	155.99	22.10	12.76

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Total Power
CHANNEL = 1 (Continued)

Blood Draw	Freq. Band	Windows 1-10				Windows 11-20				Windows 21-30				Grand Mean			
		N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.	N	Mean	Std.	S.E.
600-Minute	1	10	28.69	15.38	4.86	10	40.37	25.97	8.21	10	52.93	34.43	10.89	3	40.66	12.12	7.00
	2	10	15.61	7.09	2.24	10	13.41	4.77	1.51	10	16.41	9.52	3.01	3	15.14	1.55	0.90
	3	10	17.65	6.28	1.99	10	11.27	6.96	2.20	10	14.22	10.22	3.23	3	14.38	3.19	1.84
	4	10	26.60	9.51	3.01	10	13.51	8.55	2.70	10	14.27	14.61	4.62	3	18.13	7.35	4.24
	5	10	35.79	16.47	5.21	10	19.28	10.55	3.33	10	39.13	46.94	14.84	3	31.40	10.63	6.14
	6	10	26.81	7.33	2.32	10	14.45	8.67	2.74	10	19.78	22.82	7.22	3	20.35	6.20	3.58
	7	10	116.35	52.05	16.46	10	46.74	25.83	8.17	10	91.12	106.37	33.64	3	84.74	35.24	20.35
	8	10	1.74	0.61	0.19	10	0.91	1.03	0.32	10	1.29	1.67	0.53	3	1.32	0.41	0.24
	9	10	124.34	40.07	12.67	10	97.84	26.47	8.37	10	136.96	78.17	24.72	3	119.71	19.97	11.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	8	2.12	0.79	0.28	7	1.93	0.61	0.23	9	2.22	0.57	0.19	3	2.09	0.15	0.09
	2	9	5.94	0.88	0.29	9	6.11	0.93	0.31	10	6.00	0.88	0.28	3	6.02	0.08	0.05
	3	10	10.35	0.75	0.24	10	10.65	1.27	0.40	10	10.25	1.27	0.40	3	10.42	0.21	0.12
	4	10	14.95	1.34	0.42	10	16.05	0.86	0.27	10	16.05	1.07	0.34	3	15.68	0.64	0.37
	5	10	21.00	2.03	0.64	10	21.05	1.12	0.35	10	21.20	2.03	0.64	3	21.08	0.10	0.06
	9	10	6.45	5.76	1.82	10	8.75	7.21	2.28	10	8.15	8.59	2.72	3	7.78	1.19	0.69
30-Minute	1	10	2.20	0.54	0.17	9	2.44	0.77	0.26	8	2.56	0.86	0.31	3	2.40	0.18	0.11
	2	10	5.65	0.71	0.22	10	6.30	0.67	0.21	9	6.00	0.83	0.28	3	5.98	0.33	0.19
	3	9	9.94	1.07	0.36	10	10.65	1.31	0.42	10	10.05	1.40	0.44	3	10.21	0.38	0.22
	4	10	15.95	1.23	0.39	9	16.50	0.94	0.31	9	15.44	1.42	0.47	3	15.96	0.53	0.30
	5	10	21.15	1.76	0.56	10	21.85	1.94	0.61	9	21.11	2.03	0.68	3	21.37	0.42	0.24
	9	10	5.65	5.75	1.82	10	4.35	4.50	1.42	10	5.65	5.98	1.89	3	5.22	0.75	0.43
90-Minute	1	10	2.40	0.81	0.26	10	2.20	0.67	0.21	6	2.25	0.99	0.40	3	2.28	0.10	0.06
	2	8	5.69	0.75	0.27	10	5.75	1.01	0.32	8	5.94	1.02	0.36	3	5.79	0.13	0.08
	3	10	11.05	1.42	0.45	10	10.00	1.43	0.45	9	10.78	1.20	0.40	3	10.61	0.54	0.31
	4	10	15.30	0.63	0.20	9	15.72	1.46	0.49	9	14.72	0.75	0.25	3	15.25	0.50	0.29
	5	10	21.60	1.87	0.59	9	22.28	1.89	0.63	10	22.35	1.55	0.49	3	22.08	0.41	0.24
	9	10	4.45	6.91	2.18	10	2.60	1.10	0.35	10	4.10	3.85	1.22	3	3.72	0.98	0.57
300-Minute	1	10	2.00	0.62	0.20	7	2.14	0.56	0.21	10	2.20	0.86	0.27	3	2.11	0.10	0.06
	2	8	6.00	0.76	0.27	9	5.94	1.04	0.35	9	6.06	1.10	0.37	3	6.00	0.06	0.03
	3	9	9.67	0.94	0.31	10	10.60	1.37	0.43	10	10.50	1.31	0.41	3	10.26	0.51	0.30
	4	9	15.61	1.54	0.51	9	15.78	1.52	0.51	10	15.25	1.44	0.45	3	15.55	0.27	0.16
	5	10	20.85	1.86	0.59	10	21.70	1.86	0.59	10	21.65	2.12	0.67	3	21.40	0.48	0.28
	9	10	3.55	4.54	1.44	10	3.90	3.43	1.08	10	2.20	0.86	0.27	3	3.22	0.90	0.52
600-Minute	1	7	2.36	0.85	0.32	9	2.17	0.43	0.14	9	2.39	0.70	0.23	3	2.30	0.12	0.07
	2	9	5.83	0.79	0.26	8	6.00	1.34	0.47	10	6.45	0.90	0.28	3	6.09	0.32	0.18
	3	10	10.30	0.98	0.31	10	10.05	1.46	0.46	10	10.00	1.29	0.41	3	10.12	0.16	0.09
	4	9	15.56	1.10	0.37	10	15.40	1.15	0.36	10	15.35	0.94	0.30	3	15.44	0.11	0.06
	5	10	21.70	1.48	0.47	10	20.45	1.46	0.46	10	21.10	1.49	0.47	3	21.08	0.63	0.36
	9	10	8.30	8.14	2.57	10	3.25	3.45	1.09	10	6.15	7.75	2.45	3	5.90	2.53	1.46

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.45	0.55	0.17	9	2.11	0.60	0.20	10	2.35	0.67	0.21	3	2.30	0.17	0.10
	2	10	6.25	0.98	0.31	9	5.89	0.99	0.33	8	5.94	1.02	0.36	3	6.03	0.20	0.11
	3	10	11.25	0.98	0.31	10	10.80	1.25	0.40	10	10.20	1.21	0.38	3	10.75	0.53	0.30
	4	10	15.55	1.21	0.38	10	15.65	1.13	0.36	10	15.75	1.34	0.42	3	15.65	0.10	0.06
	5	10	20.75	1.89	0.60	10	20.45	1.64	0.52	10	22.35	1.45	0.46	3	21.18	1.02	0.59
	9	10	4.15	5.06	1.60	10	5.50	6.55	2.07	10	6.00	6.65	2.10	3	5.22	0.96	0.55
30-Minute	1	8	2.37	0.79	0.28	8	2.25	0.76	0.27	7	2.29	0.64	0.24	3	2.30	0.06	0.04
	2	10	5.70	0.75	0.24	10	5.75	0.92	0.29	10	5.70	0.98	0.31	3	5.72	0.03	0.02
	3	10	10.60	1.43	0.45	10	9.90	0.91	0.29	10	10.95	1.19	0.38	3	10.48	0.53	0.31
	4	9	16.00	1.12	0.37	9	15.89	1.19	0.40	9	15.89	1.41	0.47	3	15.93	0.06	0.04
	5	10	20.80	1.51	0.48	10	21.80	1.55	0.49	10	22.10	1.93	0.61	3	21.57	0.68	0.39
	9	10	8.95	7.98	2.52	10	5.80	6.36	2.01	10	3.75	2.74	0.87	3	6.17	2.62	1.51
90-Minute	1	8	2.50	0.89	0.31	5	2.10	0.82	0.37	9	2.50	0.83	0.28	3	2.37	0.23	0.13
	2	10	6.00	0.91	0.29	10	5.75	1.03	0.33	10	5.95	1.09	0.35	3	5.90	0.13	0.08
	3	10	10.25	1.55	0.49	10	10.35	0.94	0.30	10	10.48	1.10	0.35	3	10.36	0.11	0.07
	4	10	16.45	0.96	0.30	10	16.00	0.94	0.30	10	15.25	1.23	0.39	3	15.90	0.61	0.35
	5	10	21.10	1.61	0.51	10	21.15	2.27	0.72	10	22.00	1.96	0.62	3	21.42	0.51	0.29
	9	10	5.30	5.34	1.69	10	4.95	5.20	1.64	10	3.55	2.20	0.70	3	4.60	0.93	0.53
300-Minute	1	8	2.50	0.76	0.27	6	2.25	0.88	0.36	9	2.11	0.60	0.20	3	2.29	0.20	0.11
	2	9	6.00	1.17	0.39	10	6.30	0.86	0.27	9	5.39	0.70	0.23	3	5.90	0.46	0.27
	3	10	10.27	1.26	0.40	9	10.72	1.54	0.51	8	10.38	1.55	0.55	3	10.46	0.23	0.14
	4	10	15.35	1.36	0.43	10	15.15	1.16	0.37	10	15.20	1.36	0.43	3	15.23	0.10	0.06
	5	10	21.80	1.99	0.63	10	21.15	1.75	0.55	10	21.40	1.91	0.60	3	21.45	0.33	0.19
	9	10	3.65	2.58	0.82	10	4.00	3.37	1.07	10	3.75	5.21	1.65	3	3.80	0.18	0.10
600-Minute	1	9	2.67	0.56	0.19	8	2.37	0.52	0.18	10	2.40	0.74	0.23	3	2.48	0.16	0.09
	2	9	6.22	0.97	0.32	8	5.87	1.19	0.42	10	6.20	1.01	0.32	3	6.10	0.19	0.11
	3	10	11.20	1.30	0.41	10	10.40	1.35	0.43	10	10.05	1.14	0.36	3	10.55	0.59	0.34
	4	10	15.85	0.78	0.25	9	15.83	1.12	0.37	9	15.33	1.00	0.33	3	15.67	0.29	0.17
	5	10	21.15	1.33	0.42	10	21.90	2.14	0.68	10	20.80	1.27	0.40	3	21.28	0.56	0.32
	9	10	13.25	9.27	2.93	10	5.60	5.98	1.89	10	6.35	7.54	2.38	3	8.40	4.22	2.43

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	6	2.00	0.84	0.34	8	3.00	0.53	0.19	9	2.61	0.60	0.20	3	2.54	0.50	0.29
	2	10	5.80	0.59	0.19	9	5.67	1.20	0.40	10	6.40	0.84	0.27	3	5.96	0.39	0.23
	3	10	11.55	0.69	0.22	10	10.65	0.91	0.29	10	10.45	0.98	0.31	3	10.88	0.59	0.34
	4	10	14.85	1.08	0.34	10	15.60	1.29	0.41	10	15.70	1.51	0.48	3	15.38	0.46	0.27
	5	9	21.22	2.32	0.77	10	21.85	1.75	0.55	10	21.10	2.09	0.66	3	21.39	0.40	0.23
	9	10	13.65	7.98	2.52	10	8.65	6.31	1.99	10	9.70	7.92	2.50	3	10.67	2.64	1.52
30-Minute	1	8	2.06	0.82	0.29	5	2.10	0.89	0.40	6	2.00	0.71	0.29	3	2.05	0.05	0.03
	2	10	6.00	0.78	0.25	8	6.06	0.73	0.26	10	5.60	1.02	0.32	3	5.89	0.25	0.14
	3	10	11.55	0.86	0.27	10	10.45	1.34	0.42	10	11.10	0.88	0.28	3	11.03	0.55	0.32
	4	9	16.33	1.06	0.35	10	16.15	1.00	0.32	8	16.06	1.15	0.41	3	16.18	0.14	0.08
	5	10	21.60	1.96	0.62	10	21.35	2.10	0.66	10	21.40	2.04	0.64	3	21.45	0.13	0.08
	9	10	5.25	6.91	2.18	10	14.00	10.02	3.17	10	4.15	3.05	0.96	3	7.80	5.40	3.12
90-Minute	1	8	2.62	0.44	0.16	6	2.83	0.75	0.31	6	2.33	0.82	0.33	3	2.60	0.25	0.15
	2	9	5.78	0.79	0.26	10	5.35	0.53	0.17	10	6.00	0.91	0.29	3	5.71	0.33	0.19
	3	10	10.75	1.30	0.41	9	11.22	1.09	0.36	10	11.45	0.72	0.23	3	11.14	0.36	0.21
	4	10	15.65	1.31	0.42	8	16.31	1.10	0.39	10	15.45	1.44	0.46	3	15.80	0.45	0.26
	5	10	21.15	1.60	0.51	10	20.75	2.14	0.68	10	20.90	1.37	0.43	3	20.93	0.20	0.12
	9	10	9.45	7.88	2.49	10	8.55	7.46	2.36	10	6.05	5.53	1.75	3	8.02	1.76	1.02
300-Minute	1	8	2.00	0.65	0.23	5	2.50	0.71	0.32	8	2.06	0.50	0.18	3	2.19	0.27	0.16
	2	10	5.65	0.94	0.30	8	5.25	0.60	0.21	9	5.89	0.82	0.27	3	5.60	0.32	0.19
	3	10	11.00	1.00	0.32	10	11.00	0.88	0.28	9	9.89	1.05	0.35	3	10.63	0.64	0.37
	4	10	16.05	1.19	0.38	8	14.88	1.33	0.47	9	15.94	1.53	0.51	3	15.62	0.65	0.38
	5	10	21.47	2.08	0.66	10	21.45	1.86	0.59	10	21.20	1.38	0.44	3	21.37	0.15	0.09
	9	10	6.02	6.72	2.12	10	5.35	5.68	1.80	10	3.15	1.92	0.61	3	4.84	1.50	0.87
600-Minute	1	7	2.29	0.57	0.21	6	2.33	0.68	0.28	7	2.14	0.63	0.24	3	2.25	0.10	0.06
	2	10	5.95	1.01	0.32	10	5.95	0.96	0.30	8	6.19	1.00	0.35	3	6.03	0.14	0.08
	3	10	10.80	1.21	0.38	10	10.65	1.36	0.43	10	10.85	1.18	0.37	3	10.77	0.10	0.06
	4	10	15.95	0.93	0.29	10	16.00	1.37	0.43	9	15.33	1.25	0.42	3	15.76	0.37	0.21
	5	10	20.95	2.01	0.63	9	21.67	1.87	0.62	9	22.67	2.12	0.71	3	21.76	0.86	0.50
	9	10	15.30	7.79	2.46	10	11.25	8.56	2.71	10	10.30	9.74	3.08	3	12.28	2.66	1.53

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Peak Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.30	0.63	0.20	8	3.06	0.82	0.29	7	2.64	0.75	0.28	3	2.67	0.38	0.22
	2	8	5.81	1.19	0.42	10	5.75	0.86	0.27	10	5.95	1.14	0.36	3	5.84	0.10	0.06
	3	10	11.30	0.71	0.23	10	10.40	1.26	0.40	10	10.85	1.40	0.44	3	10.85	0.45	0.26
	4	10	15.95	1.28	0.40	8	15.44	1.68	0.59	10	16.00	1.51	0.48	3	15.80	0.31	0.18
	5	10	20.85	1.36	0.43	10	21.00	1.49	0.47	10	21.40	1.78	0.56	3	21.08	0.28	0.16
	9	10	5.60	5.49	1.73	10	8.30	5.55	1.76	10	6.70	4.35	1.38	3	6.87	1.36	0.78
30-Minute	1	9	2.22	0.71	0.24	7	2.14	0.75	0.28	7	2.21	0.81	0.31	3	2.19	0.04	0.03
	2	10	6.40	0.77	0.24	9	6.28	0.71	0.24	10	6.10	1.05	0.33	3	6.26	0.15	0.09
	3	10	10.55	1.17	0.37	9	10.44	1.18	0.39	9	11.39	0.78	0.26	3	10.79	0.52	0.30
	4	9	16.78	1.00	0.33	9	15.00	1.20	0.40	9	15.00	1.17	0.39	3	15.59	1.03	0.59
	5	10	21.30	1.69	0.53	10	21.25	1.98	0.62	10	21.30	1.86	0.59	3	21.28	0.03	0.02
	9	10	2.95	2.40	0.76	10	6.65	6.32	2.00	10	4.00	2.67	0.84	3	4.53	1.91	1.10
90-Minute	1	8	2.75	0.60	0.21	10	2.25	0.68	0.21	9	2.56	0.77	0.26	3	2.52	0.25	0.15
	2	10	5.90	1.07	0.34	10	5.65	0.63	0.20	10	5.95	0.90	0.28	3	5.83	0.16	0.09
	3	10	11.30	1.14	0.36	10	10.45	1.26	0.40	9	10.94	1.07	0.36	3	10.90	0.43	0.25
	4	10	16.10	1.17	0.37	10	16.00	1.18	0.37	10	14.70	1.32	0.42	3	15.60	0.78	0.45
	5	10	22.70	1.84	0.58	10	21.00	1.56	0.49	10	21.95	1.91	0.60	3	21.88	0.85	0.49
	9	10	7.05	7.53	2.38	10	2.75	1.38	0.44	10	3.25	1.75	0.55	3	4.35	2.35	1.36
300-Minute	1	6	2.42	0.58	0.24	8	2.25	0.65	0.23	10	2.40	0.66	0.21	3	2.36	0.09	0.05
	2	10	5.75	1.09	0.34	9	5.50	0.79	0.26	9	5.72	0.75	0.25	3	5.66	0.14	0.08
	3	10	10.30	1.01	0.32	10	11.05	1.30	0.41	10	10.70	1.18	0.37	3	10.68	0.38	0.22
	4	10	15.30	1.42	0.45	10	15.70	1.40	0.44	10	15.35	1.31	0.42	3	15.45	0.22	0.13
	5	10	21.25	2.25	0.71	10	22.25	1.59	0.50	10	21.95	1.99	0.63	3	21.82	0.51	0.30
	9	10	7.40	7.32	2.32	10	3.65	3.14	0.99	10	2.40	0.66	0.21	3	4.48	2.60	1.50
600-Minute	1	7	2.93	0.53	0.20	4	2.25	0.87	0.43	9	2.11	0.55	0.18	3	2.43	0.44	0.25
	2	5	5.50	1.00	0.45	9	5.83	0.90	0.30	8	6.50	1.28	0.45	3	5.94	0.51	0.29
	3	7	11.43	1.40	0.53	9	10.28	1.39	0.46	9	11.33	0.97	0.32	3	11.01	0.64	0.37
	4	10	15.70	1.36	0.43	9	15.94	1.21	0.40	9	16.22	1.46	0.49	3	15.96	0.26	0.15
	5	10	22.00	2.32	0.73	9	22.83	1.73	0.58	10	20.85	1.51	0.48	3	21.89	1.00	0.57
	9	10	9.35	7.28	2.30	10	9.45	7.22	2.28	10	6.20	7.89	2.49	3	8.33	1.85	1.07

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 3

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.21	0.28	0.09	10	1.98	0.38	0.12	10	2.17	0.29	0.09	3	2.12	0.12	0.07
	2	10	5.56	0.23	0.07	10	5.60	0.27	0.08	10	5.78	0.37	0.12	3	5.65	0.12	0.07
	3	10	10.35	0.30	0.10	10	10.51	0.35	0.11	10	10.30	0.36	0.11	3	10.39	0.11	0.06
	4	10	14.93	0.59	0.19	10	15.52	0.36	0.11	10	15.31	0.35	0.11	3	15.25	0.30	0.17
	5	10	21.13	0.73	0.23	10	20.81	0.33	0.11	10	21.01	0.54	0.17	3	20.99	0.16	0.09
	9	10	9.94	1.60	0.51	10	11.34	1.87	0.59	10	10.88	2.07	0.65	3	10.72	0.71	0.41
30-Minute	1	10	2.11	0.25	0.08	10	1.98	0.35	0.11	10	1.87	0.37	0.12	3	1.99	0.12	0.07
	2	10	5.66	0.21	0.07	10	5.75	0.27	0.08	10	5.44	0.29	0.09	3	5.62	0.16	0.09
	3	10	10.24	0.50	0.16	10	10.29	0.42	0.13	10	10.08	0.34	0.11	3	10.20	0.11	0.06
	4	10	15.34	0.40	0.13	10	15.23	0.54	0.17	10	15.02	0.51	0.16	3	15.20	0.16	0.09
	5	10	21.07	0.45	0.14	10	21.38	0.60	0.19	10	21.26	0.80	0.25	3	21.24	0.16	0.09
	9	10	9.40	2.51	0.79	10	7.93	1.35	0.43	10	7.17	1.93	0.61	3	8.17	1.14	0.66
90-Minute	1	10	2.01	0.20	0.06	10	2.10	0.37	0.12	10	2.03	0.37	0.12	3	2.05	0.05	0.03
	2	10	5.52	0.26	0.08	10	5.28	0.31	0.10	10	5.37	0.34	0.11	3	5.39	0.12	0.07
	3	10	10.43	0.49	0.16	10	10.07	0.44	0.14	10	10.22	0.51	0.16	3	10.24	0.18	0.10
	4	10	15.21	0.38	0.12	10	15.10	0.47	0.15	10	14.75	0.22	0.07	3	15.02	0.24	0.14
	5	10	21.21	0.48	0.15	10	21.40	0.58	0.18	10	21.52	0.44	0.14	3	21.38	0.16	0.09
	9	10	8.18	1.67	0.53	10	7.25	1.44	0.46	10	7.78	1.06	0.34	3	7.74	0.47	0.27
300-Minute	1	10	2.01	0.24	0.08	10	1.96	0.32	0.10	10	2.06	0.31	0.10	3	2.01	0.05	0.03
	2	10	5.44	0.26	0.08	10	5.37	0.26	0.08	10	5.51	0.34	0.11	3	5.44	0.07	0.04
	3	10	10.00	0.41	0.13	10	10.16	0.46	0.14	10	10.04	0.46	0.15	3	10.07	0.08	0.05
	4	10	15.28	0.34	0.11	10	15.34	0.42	0.13	10	15.07	0.35	0.11	3	15.23	0.14	0.08
	5	10	21.20	0.56	0.18	10	21.06	0.56	0.18	10	21.13	0.57	0.18	3	21.13	0.07	0.04
	9	10	7.83	1.75	0.55	10	7.85	2.26	0.71	10	6.88	1.23	0.39	3	7.52	0.56	0.32
600-Minute	1	10	1.92	0.32	0.10	10	2.01	0.16	0.05	10	2.13	0.22	0.07	3	2.02	0.10	0.06
	2	10	5.65	0.34	0.11	10	5.52	0.35	0.11	10	5.49	0.32	0.10	3	5.55	0.08	0.05
	3	10	10.19	0.39	0.12	10	10.21	0.42	0.13	10	9.96	0.25	0.08	3	10.12	0.14	0.08
	4	10	15.54	0.39	0.12	10	14.98	0.55	0.17	10	15.28	0.37	0.12	3	15.26	0.28	0.16
	5	10	21.23	0.45	0.14	10	20.95	0.34	0.11	10	21.06	0.32	0.10	3	21.08	0.14	0.08
	9	10	11.33	0.95	0.30	10	8.52	1.14	0.36	10	9.30	2.47	0.78	3	9.72	1.45	0.84

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.31	0.21	0.07	10	2.15	0.27	0.08	10	2.15	0.28	0.09	3	2.20	0.09	0.05
	2	10	5.60	0.18	0.06	10	5.54	0.31	0.10	10	5.65	0.40	0.13	3	5.60	0.06	0.03
	3	10	10.44	0.32	0.10	10	10.38	0.46	0.14	10	10.18	0.40	0.13	3	10.33	0.14	0.08
	4	10	15.15	0.48	0.15	10	15.38	0.32	0.10	10	14.94	0.42	0.13	3	15.16	0.22	0.13
	5	10	20.92	0.29	0.09	10	20.96	0.70	0.22	10	21.41	0.57	0.18	3	21.10	0.27	0.16
	9	10	11.07	1.75	0.55	10	10.72	1.61	0.51	10	10.84	1.43	0.45	3	10.88	0.18	0.10
30-Minute	1	10	1.95	0.37	0.12	10	2.02	0.24	0.07	10	1.85	0.23	0.07	3	1.94	0.09	0.05
	2	10	5.63	0.25	0.08	10	5.58	0.21	0.07	10	5.35	0.25	0.08	3	5.52	0.15	0.09
	3	10	10.38	0.37	0.12	10	10.04	0.45	0.14	10	10.13	0.36	0.11	3	10.18	0.18	0.10
	4	10	15.38	0.45	0.14	10	15.32	0.37	0.12	10	15.12	0.33	0.11	3	15.28	0.14	0.08
	5	10	20.98	0.54	0.17	10	21.09	0.34	0.11	10	21.19	0.37	0.12	3	21.08	0.11	0.06
	9	10	9.14	2.54	0.80	10	8.80	2.63	0.83	10	7.12	1.45	0.46	3	8.35	1.08	0.63
90-Minute	1	10	2.02	0.48	0.15	10	1.78	0.37	0.12	10	2.04	0.29	0.09	3	1.95	0.15	0.08
	2	10	5.38	0.41	0.13	10	5.34	0.36	0.11	10	5.54	0.50	0.16	3	5.42	0.11	0.06
	3	10	10.33	0.44	0.14	10	10.07	0.20	0.06	10	9.97	0.48	0.15	3	10.12	0.18	0.11
	4	10	15.51	0.33	0.10	10	15.24	0.38	0.12	10	15.04	0.39	0.12	3	15.26	0.23	0.14
	5	10	20.99	0.38	0.12	10	21.05	0.78	0.25	10	21.39	0.49	0.15	3	21.15	0.22	0.13
	9	10	7.80	0.79	0.25	10	7.22	1.95	0.62	10	7.32	1.64	0.52	3	7.45	0.31	0.18
300-Minute	1	10	2.08	0.32	0.10	10	1.98	0.36	0.11	10	1.95	0.23	0.07	3	2.00	0.07	0.04
	2	10	5.51	0.53	0.17	10	5.37	0.34	0.11	10	5.36	0.32	0.10	3	5.41	0.08	0.05
	3	10	10.01	0.33	0.11	10	10.27	0.40	0.13	10	10.07	0.53	0.17	3	10.12	0.13	0.08
	4	10	15.30	0.52	0.16	10	15.19	0.21	0.07	10	15.15	0.33	0.10	3	15.21	0.08	0.05
	5	10	21.09	0.37	0.12	10	21.13	0.30	0.09	10	21.22	0.57	0.18	3	21.15	0.06	0.04
	9	10	7.27	1.95	0.62	10	7.54	2.33	0.74	10	6.46	1.76	0.56	3	7.09	0.56	0.32
600-Minute	1	10	2.04	0.31	0.10	10	1.95	0.19	0.06	10	2.11	0.28	0.09	3	2.03	0.08	0.04
	2	10	5.45	0.32	0.10	10	5.48	0.36	0.11	10	5.50	0.34	0.11	3	5.48	0.02	0.01
	3	10	10.51	0.58	0.18	10	10.12	0.33	0.11	10	9.96	0.44	0.14	3	10.20	0.29	0.16
	4	10	15.39	0.42	0.13	10	15.23	0.34	0.11	10	15.51	0.46	0.15	3	15.37	0.14	0.08
	5	10	21.34	0.47	0.15	10	21.37	0.43	0.13	10	21.12	0.35	0.11	3	21.28	0.13	0.08
	9	10	10.95	1.85	0.59	10	8.53	1.66	0.52	10	8.77	2.52	0.80	3	9.42	1.33	0.77

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 1

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.03	0.35	0.11	10	2.09	0.31	0.10	10	2.14	0.22	0.07	3	2.09	0.05	0.03
	2	10	5.66	0.13	0.04	10	5.56	0.22	0.07	10	5.85	0.33	0.10	3	5.69	0.15	0.09
	3	10	10.69	0.52	0.16	10	10.37	0.28	0.09	10	10.43	0.56	0.18	3	10.50	0.17	0.10
	4	10	15.04	0.43	0.14	10	15.34	0.22	0.07	10	15.14	0.48	0.15	3	15.17	0.15	0.09
	5	10	21.06	0.59	0.19	10	21.36	0.59	0.19	10	21.07	0.64	0.20	3	21.16	0.17	0.10
	9	10	12.01	2.74	0.87	10	11.68	1.60	0.51	10	11.63	1.75	0.55	3	11.77	0.21	0.12
30-Minute	1	10	1.73	0.25	0.08	10	1.92	0.24	0.07	10	1.72	0.16	0.05	3	1.79	0.11	0.07
	2	10	5.81	0.25	0.08	10	5.56	0.33	0.10	10	5.40	0.30	0.09	3	5.59	0.21	0.12
	3	10	10.41	0.33	0.10	10	10.23	0.46	0.15	10	10.23	0.44	0.14	3	10.29	0.10	0.06
	4	10	15.39	0.49	0.15	10	15.30	0.26	0.08	10	15.05	0.64	0.20	3	15.25	0.18	0.10
	5	10	21.26	0.44	0.14	10	21.12	0.47	0.15	10	21.18	0.37	0.12	3	21.19	0.07	0.04
	9	10	8.06	3.27	1.03	10	9.50	4.52	1.43	10	5.20	1.30	0.41	3	7.59	2.19	1.27
90-Minute	1	10	2.02	0.37	0.12	10	1.78	0.36	0.11	10	1.83	0.26	0.08	3	1.87	0.13	0.07
	2	10	5.69	0.26	0.08	10	5.47	0.20	0.06	10	5.59	0.41	0.13	3	5.58	0.11	0.06
	3	10	10.38	0.47	0.15	10	10.37	0.32	0.10	10	10.36	0.39	0.12	3	10.37	0.01	0.01
	4	10	15.33	0.50	0.16	10	15.07	0.40	0.13	10	15.12	0.44	0.14	3	15.17	0.14	0.08
	5	10	21.03	0.44	0.14	10	21.00	0.63	0.20	10	21.03	0.37	0.12	3	21.02	0.02	0.01
	9	10	10.97	2.28	0.72	10	7.93	2.96	0.94	10	6.79	1.75	0.55	3	8.56	2.16	1.25
300-Minute	1	10	1.95	0.24	0.08	10	1.75	0.29	0.09	10	1.80	0.22	0.07	3	1.84	0.10	0.06
	2	10	5.74	0.32	0.10	10	5.39	0.27	0.08	10	5.54	0.21	0.07	3	5.56	0.18	0.10
	3	10	10.15	0.43	0.14	10	10.32	0.58	0.18	10	10.28	0.34	0.11	3	10.25	0.09	0.05
	4	10	15.24	0.54	0.17	10	14.64	0.74	0.24	10	15.27	0.60	0.19	3	15.05	0.35	0.20
	5	10	21.30	0.62	0.20	10	21.24	0.48	0.15	10	20.97	0.32	0.10	3	21.17	0.18	0.10
	9	10	9.26	2.14	0.68	10	7.94	2.78	0.88	10	7.23	2.22	0.70	3	8.14	1.03	0.60
600-Minute	1	10	2.01	0.37	0.12	10	1.79	0.39	0.12	10	1.86	0.20	0.06	3	1.89	0.11	0.07
	2	10	5.59	0.29	0.09	10	5.61	0.46	0.14	10	5.50	0.37	0.12	3	5.57	0.05	0.03
	3	10	10.26	0.37	0.12	10	10.25	0.45	0.14	10	10.15	0.29	0.09	3	10.22	0.06	0.04
	4	10	15.50	0.44	0.14	10	15.27	0.59	0.19	10	15.27	0.29	0.09	3	15.35	0.13	0.08
	5	10	21.22	0.48	0.15	10	21.59	0.69	0.22	10	21.27	0.40	0.13	3	21.36	0.20	0.11
	9	10	12.09	1.52	0.48	10	9.00	2.90	0.92	10	8.66	4.06	1.28	3	9.91	1.89	1.09

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Mean Frequency
CHANNEL = 2

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	2.10	0.19	0.06	10	2.10	0.32	0.10	10	2.18	0.29	0.09	3	2.12	0.05	0.03
	2	10	5.60	0.34	0.11	10	5.58	0.30	0.10	10	5.79	0.30	0.09	3	5.66	0.12	0.07
	3	10	10.44	0.50	0.16	10	10.21	0.35	0.11	10	10.16	0.51	0.16	3	10.27	0.15	0.09
	4	10	15.10	0.68	0.21	10	15.25	0.36	0.11	10	15.17	0.50	0.16	3	15.17	0.08	0.04
	5	10	20.99	0.40	0.13	10	20.87	0.40	0.13	10	21.10	0.42	0.13	3	20.99	0.11	0.06
	9	10	9.73	2.01	0.64	10	10.63	1.33	0.42	10	10.02	1.51	0.48	3	10.13	0.46	0.27
30-Minute	1	10	2.03	0.34	0.11	10	1.91	0.34	0.11	10	1.84	0.29	0.09	3	1.93	0.10	0.06
	2	10	5.56	0.26	0.08	10	5.66	0.37	0.12	10	5.53	0.37	0.12	3	5.59	0.07	0.04
	3	10	10.10	0.43	0.14	10	10.41	0.39	0.12	10	10.26	0.28	0.09	3	10.26	0.15	0.09
	4	10	15.53	0.26	0.08	10	15.09	0.43	0.13	10	15.18	0.35	0.11	3	15.27	0.23	0.14
	5	10	21.10	0.66	0.21	10	21.12	0.45	0.14	10	21.27	0.52	0.16	3	21.17	0.09	0.05
	9	10	8.32	1.81	0.57	10	7.50	1.92	0.61	10	6.66	1.06	0.33	3	7.49	0.83	0.48
90-Minute	1	10	2.03	0.38	0.12	10	2.11	0.33	0.11	10	2.01	0.26	0.08	3	2.05	0.05	0.03
	2	10	5.47	0.27	0.09	10	5.51	0.22	0.07	10	5.69	0.21	0.06	3	5.56	0.12	0.07
	3	10	10.47	0.52	0.17	10	10.44	0.39	0.12	10	10.18	0.66	0.21	3	10.36	0.16	0.09
	4	10	15.29	0.34	0.11	10	15.23	0.40	0.13	10	14.96	0.22	0.07	3	15.16	0.17	0.10
	5	10	21.23	0.45	0.14	10	20.95	0.45	0.14	10	21.08	0.51	0.16	3	21.09	0.14	0.08
	9	10	9.19	1.96	0.62	10	8.99	1.34	0.42	10	7.76	1.23	0.39	3	8.65	0.78	0.45
300-Minute	1	10	1.79	0.23	0.07	10	1.95	0.36	0.12	10	2.12	0.17	0.05	3	1.95	0.16	0.09
	2	10	5.59	0.26	0.08	10	5.39	0.32	0.10	10	5.43	0.22	0.07	3	5.47	0.11	0.06
	3	10	10.15	0.48	0.15	10	10.28	0.41	0.13	10	10.36	0.36	0.12	3	10.27	0.10	0.06
	4	10	15.06	0.41	0.13	10	15.08	0.25	0.08	10	15.23	0.52	0.17	3	15.12	0.09	0.05
	5	10	21.27	0.34	0.11	10	21.14	0.30	0.09	10	21.40	0.49	0.16	3	21.27	0.13	0.07
	9	10	8.12	1.09	0.34	10	7.48	1.82	0.57	10	8.13	1.55	0.49	3	7.91	0.38	0.22
600-Minute	1	10	1.65	0.25	0.08	10	1.84	0.33	0.10	10	2.08	0.16	0.05	3	1.86	0.22	0.12
	2	10	5.77	0.29	0.09	10	5.51	0.31	0.10	10	5.57	0.33	0.11	3	5.62	0.14	0.08
	3	10	10.24	0.53	0.17	10	10.01	0.36	0.11	10	10.27	0.41	0.13	3	10.17	0.14	0.08
	4	10	15.15	0.41	0.13	10	15.38	0.40	0.13	10	15.35	0.47	0.15	3	15.30	0.13	0.07
	5	10	21.13	0.54	0.17	10	21.35	0.47	0.15	10	20.91	0.61	0.19	3	21.13	0.22	0.13
	9	10	8.69	1.51	0.48	10	9.34	1.81	0.57	10	9.22	3.08	0.98	3	9.08	0.35	0.20

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

PARAMETER = Percent Power
CHANNEL = 3

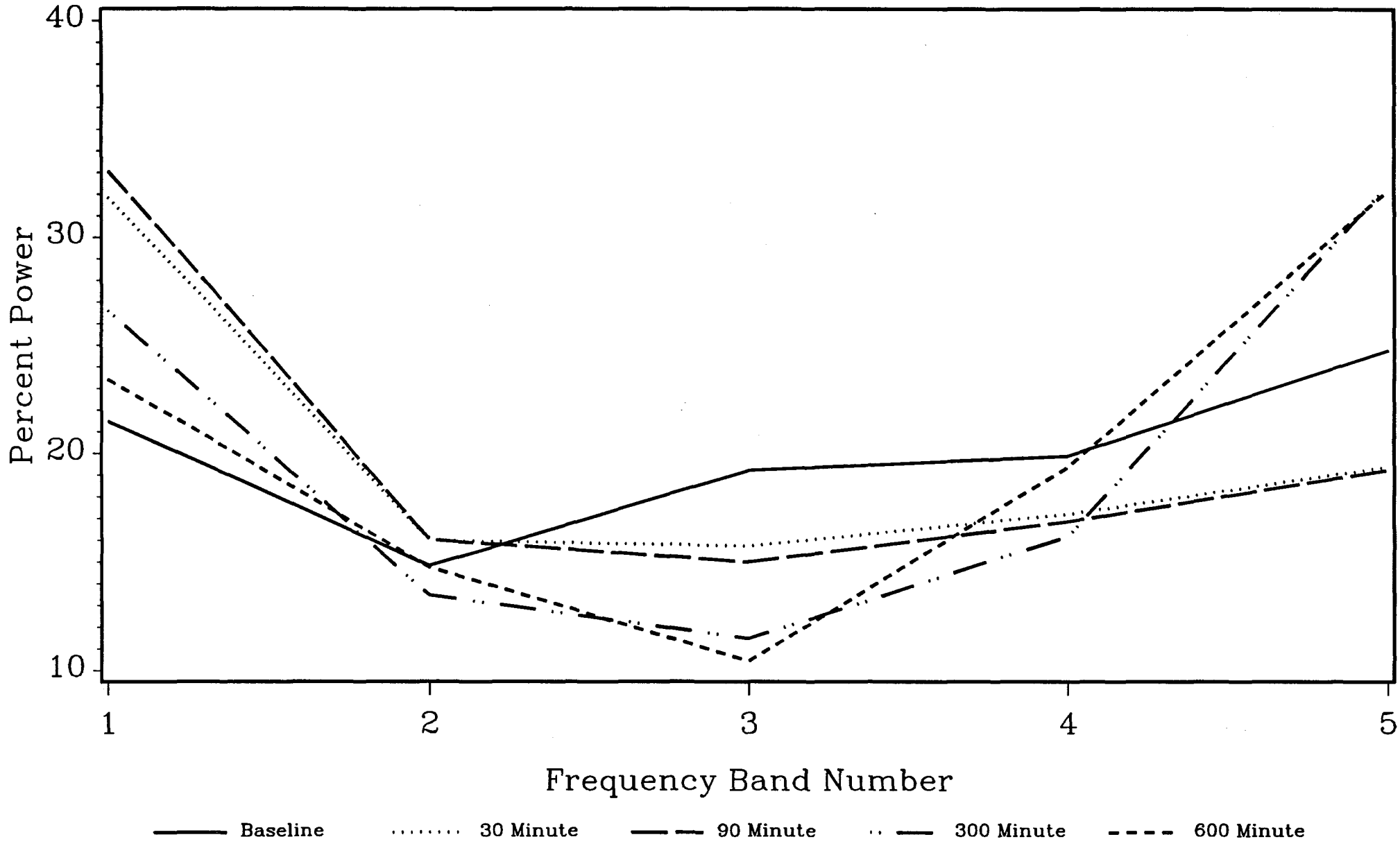
Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	28.90	8.64	2.73	10	26.39	8.30	2.62	10	23.80	8.54	2.70	3	26.36	2.55	1.47
	2	10	17.44	8.17	2.58	10	13.61	5.08	1.61	10	16.20	7.90	2.50	3	15.75	1.96	1.13
	3	10	18.38	6.43	2.03	10	13.99	7.51	2.38	10	20.50	5.57	1.76	3	17.62	3.32	1.92
	4	10	16.22	6.03	1.91	10	18.72	5.90	1.87	10	17.78	5.80	1.83	3	17.57	1.26	0.73
	5	10	19.06	7.46	2.36	10	27.28	10.35	3.27	10	21.73	8.96	2.83	3	22.69	4.20	2.42
30-Minute	1	10	34.99	18.54	5.86	10	41.52	9.85	3.11	10	48.59	15.21	4.81	3	41.70	6.80	3.93
	2	10	15.34	7.91	2.50	10	18.46	6.56	2.07	10	17.56	9.14	2.89	3	17.12	1.61	0.93
	3	10	16.08	6.13	1.94	10	15.57	5.87	1.86	10	11.70	4.16	1.31	3	14.45	2.39	1.38
	4	10	16.21	6.55	2.07	10	12.81	6.55	2.07	10	10.50	5.18	1.64	3	13.18	2.87	1.66
	5	10	17.39	8.72	2.76	10	11.64	4.29	1.36	10	12.25	6.18	1.95	3	13.76	3.16	1.82
90-Minute	1	10	42.70	12.06	3.81	10	44.59	11.22	3.55	10	40.58	13.29	4.20	3	42.62	2.01	1.16
	2	10	17.49	6.53	2.06	10	21.21	8.79	2.78	10	20.09	7.18	2.27	3	19.60	1.91	1.10
	3	10	12.21	3.53	1.12	10	12.66	4.12	1.30	10	14.51	4.10	1.30	3	13.13	1.22	0.70
	4	10	12.93	5.27	1.67	10	10.35	3.28	1.04	10	13.49	3.56	1.13	3	12.26	1.68	0.97
	5	10	14.66	5.57	1.76	10	11.18	4.47	1.41	10	11.33	2.47	0.78	3	12.39	1.96	1.13
300-Minute	1	10	46.76	12.26	3.88	10	48.10	18.09	5.72	10	48.90	10.95	3.46	3	47.92	1.08	0.62
	2	10	16.61	6.87	2.17	10	13.33	5.75	1.82	10	20.13	5.77	1.83	3	16.69	3.40	1.96
	3	10	10.53	4.75	1.50	10	11.24	6.02	1.90	10	11.29	4.24	1.34	3	11.02	0.42	0.24
	4	10	10.24	5.27	1.67	10	11.67	4.17	1.32	10	8.69	1.91	0.60	3	10.20	1.49	0.86
	5	10	15.86	7.52	2.38	10	15.66	8.00	2.53	10	11.00	4.44	1.40	3	14.17	2.75	1.59
600-Minute	1	10	29.40	8.15	2.58	10	41.66	6.61	2.09	10	38.19	15.44	4.88	3	36.42	6.32	3.65
	2	10	11.00	3.38	1.07	10	14.43	6.19	1.96	10	16.35	5.45	1.72	3	13.93	2.71	1.56
	3	10	12.06	6.02	1.91	10	12.87	4.55	1.44	10	12.29	2.45	0.77	3	12.41	0.42	0.24
	4	10	20.76	8.05	2.54	10	15.30	7.31	2.31	10	10.40	3.31	1.05	3	15.49	5.18	2.99
	5	10	26.79	7.21	2.28	10	15.73	5.65	1.79	10	22.77	10.44	3.30	3	21.76	5.60	3.23

SPECTRAL RE-ANALYSIS OF EEG WAVEFORMS IN RHESUS MONKEYS EXPOSED TO ATROPINE
TASK: 89-09
DESCRIPTIVE STATISTICS FOR ANIMAL D275 DOSED WITH 0.2 mg/kg OF ATROPINE IM

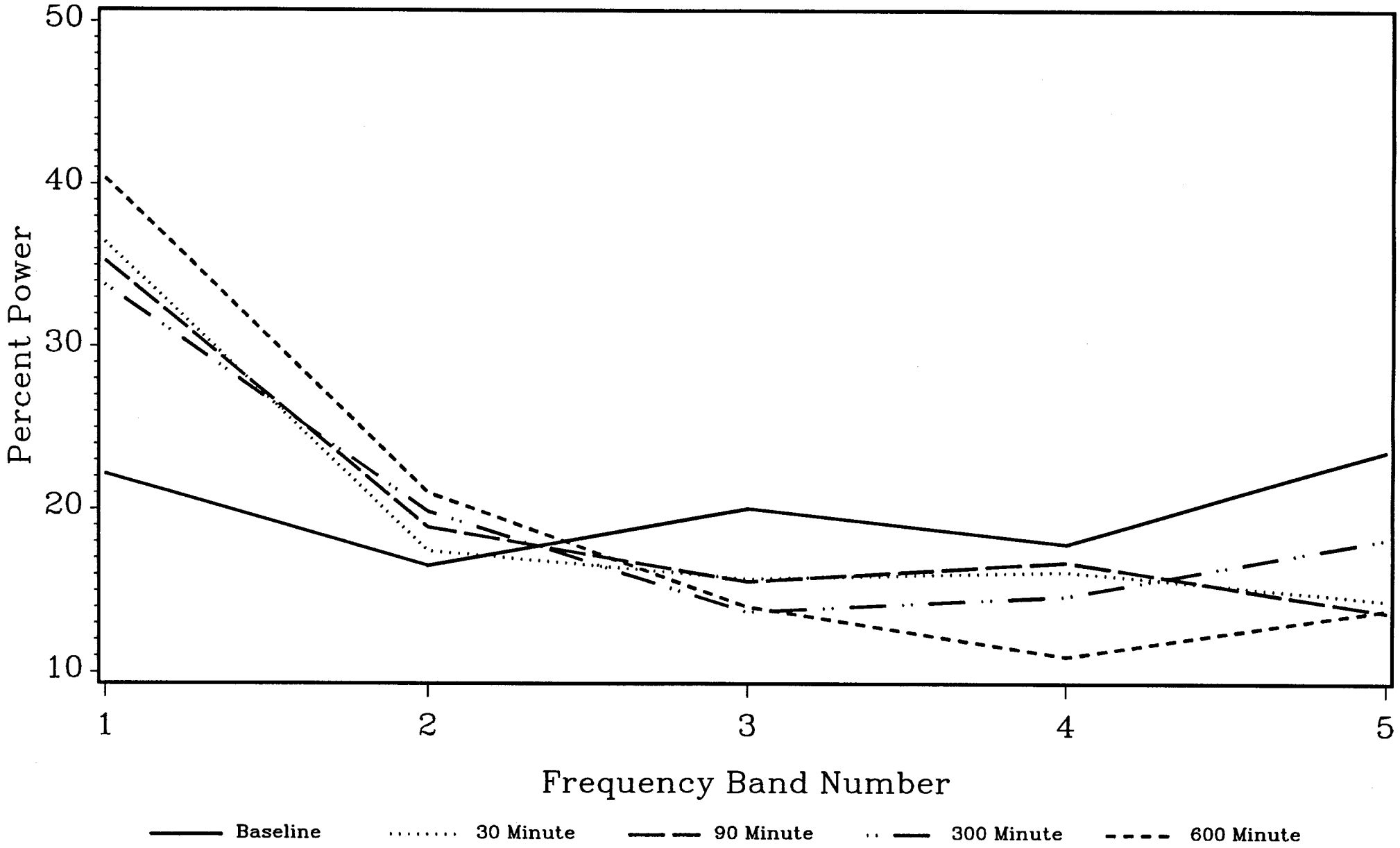
PARAMETER = Percent Power
CHANNEL = 4

Blood Draw	Freq. Band	Windows 1-10 N	Mean	Std.	S.E.	Windows 11-20 N	Mean	Std.	S.E.	Windows 21-30 N	Mean	Std.	S.E.	Grand Mean N	Mean	Std.	S.E.
Baseline	1	10	26.52	8.69	2.75	10	25.86	8.66	2.74	10	22.27	7.56	2.39	3	24.88	2.29	1.32
	2	10	14.88	3.68	1.16	10	17.05	4.81	1.52	10	16.01	6.33	2.00	3	15.98	1.08	0.63
	3	10	16.28	2.97	0.94	10	16.57	5.41	1.71	10	22.19	6.55	2.07	3	18.35	3.33	1.93
	4	10	15.68	5.12	1.62	10	18.60	5.70	1.80	10	19.42	5.38	1.70	3	17.90	1.96	1.13
	5	10	26.64	9.23	2.92	10	21.92	6.83	2.16	10	20.11	6.86	2.17	3	22.89	3.37	1.95
30-Minute	1	10	37.63	17.71	5.60	10	39.47	15.98	5.05	10	49.45	12.85	4.06	3	42.19	6.36	3.67
	2	10	14.38	6.74	2.13	10	16.89	6.79	2.15	10	17.69	7.78	2.46	3	16.32	1.73	1.00
	3	10	16.08	6.48	2.05	10	11.68	4.16	1.32	10	10.97	4.26	1.35	3	12.91	2.77	1.60
	4	10	13.22	4.82	1.52	10	14.76	7.91	2.50	10	9.14	3.91	1.24	3	12.37	2.90	1.68
	5	10	18.70	9.03	2.86	10	17.20	9.37	2.96	10	13.09	4.29	1.36	3	16.33	2.90	1.68
90-Minute	1	10	42.09	7.59	2.40	10	48.68	15.39	4.87	10	43.10	13.07	4.13	3	44.62	3.55	2.05
	2	10	20.34	9.20	2.91	10	15.10	5.99	1.90	10	20.98	6.93	2.19	3	18.81	3.22	1.86
	3	10	12.13	3.03	0.96	10	13.32	5.49	1.74	10	14.78	5.27	1.67	3	13.41	1.33	0.77
	4	10	12.68	3.76	1.19	10	10.31	4.94	1.56	10	11.08	4.18	1.32	3	11.36	1.21	0.70
	5	10	12.76	3.38	1.07	10	12.59	4.99	1.58	10	10.06	4.35	1.38	3	11.80	1.51	0.87
300-Minute	1	10	50.36	13.02	4.12	10	46.60	18.82	5.95	10	52.57	14.56	4.60	3	49.84	3.02	1.74
	2	10	16.88	6.12	1.94	10	18.31	7.14	2.26	10	18.96	5.85	1.85	3	18.05	1.07	0.62
	3	10	10.18	3.38	1.07	10	10.14	5.24	1.66	10	10.16	4.60	1.45	3	10.16	0.02	0.01
	4	10	8.38	3.61	1.14	10	11.09	5.35	1.69	10	7.73	3.41	1.08	3	9.07	1.78	1.03
	5	10	14.20	8.58	2.71	10	13.87	6.83	2.16	10	10.59	5.10	1.61	3	12.89	2.00	1.15
600-Minute	1	10	28.91	12.90	4.08	10	44.13	9.48	3.00	10	42.92	18.63	5.89	3	38.65	8.46	4.89
	2	10	15.35	4.01	1.27	10	13.73	5.26	1.66	10	17.69	7.69	2.43	3	15.59	1.99	1.15
	3	10	12.41	2.97	0.94	10	11.53	5.00	1.58	10	8.36	3.79	1.20	3	10.77	2.13	1.23
	4	10	17.27	5.10	1.61	10	12.48	6.59	2.09	10	8.00	2.76	0.87	3	12.59	4.64	2.68
	5	10	26.06	6.58	2.08	10	18.12	7.54	2.39	10	23.03	11.05	3.49	3	22.40	4.00	2.31

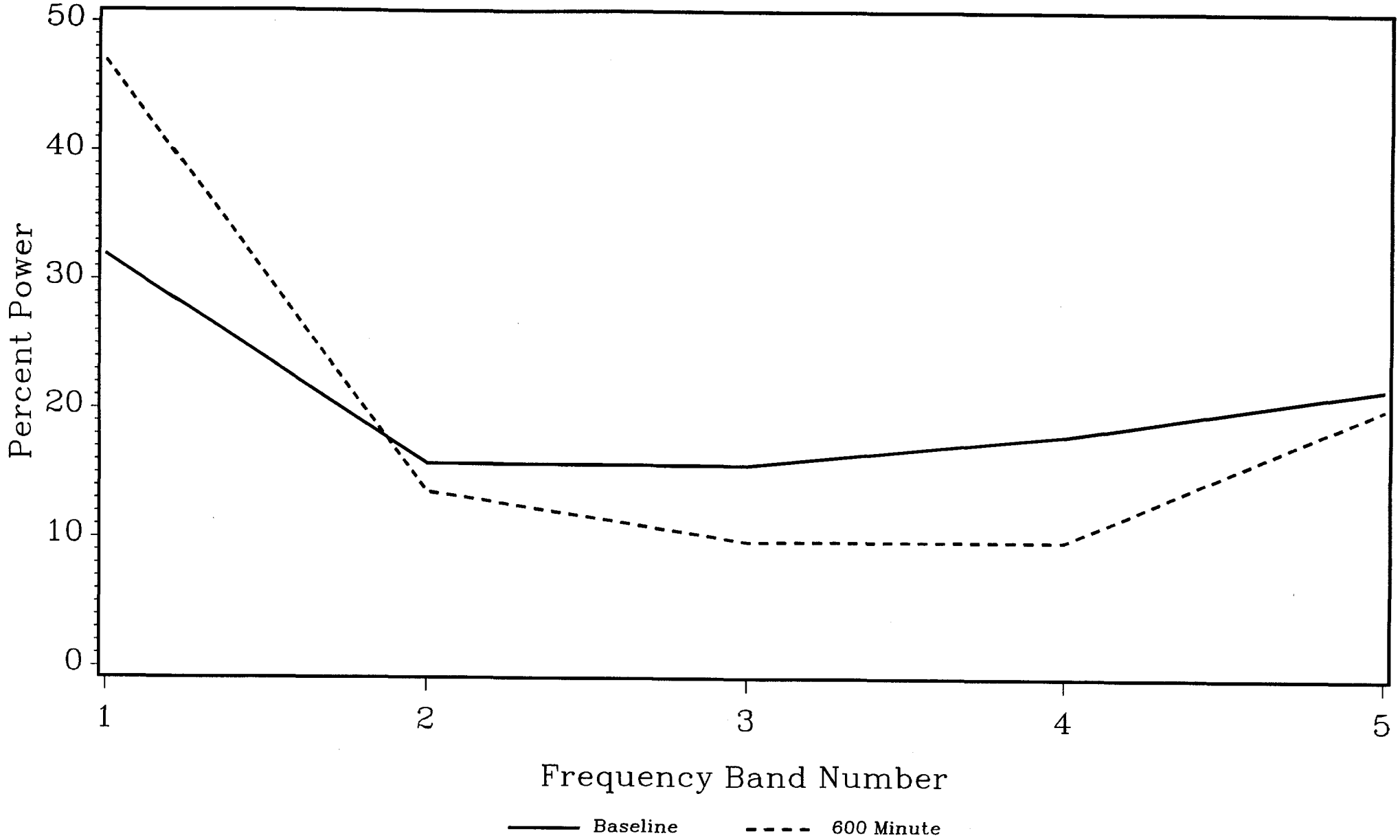
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.1 Channel=3



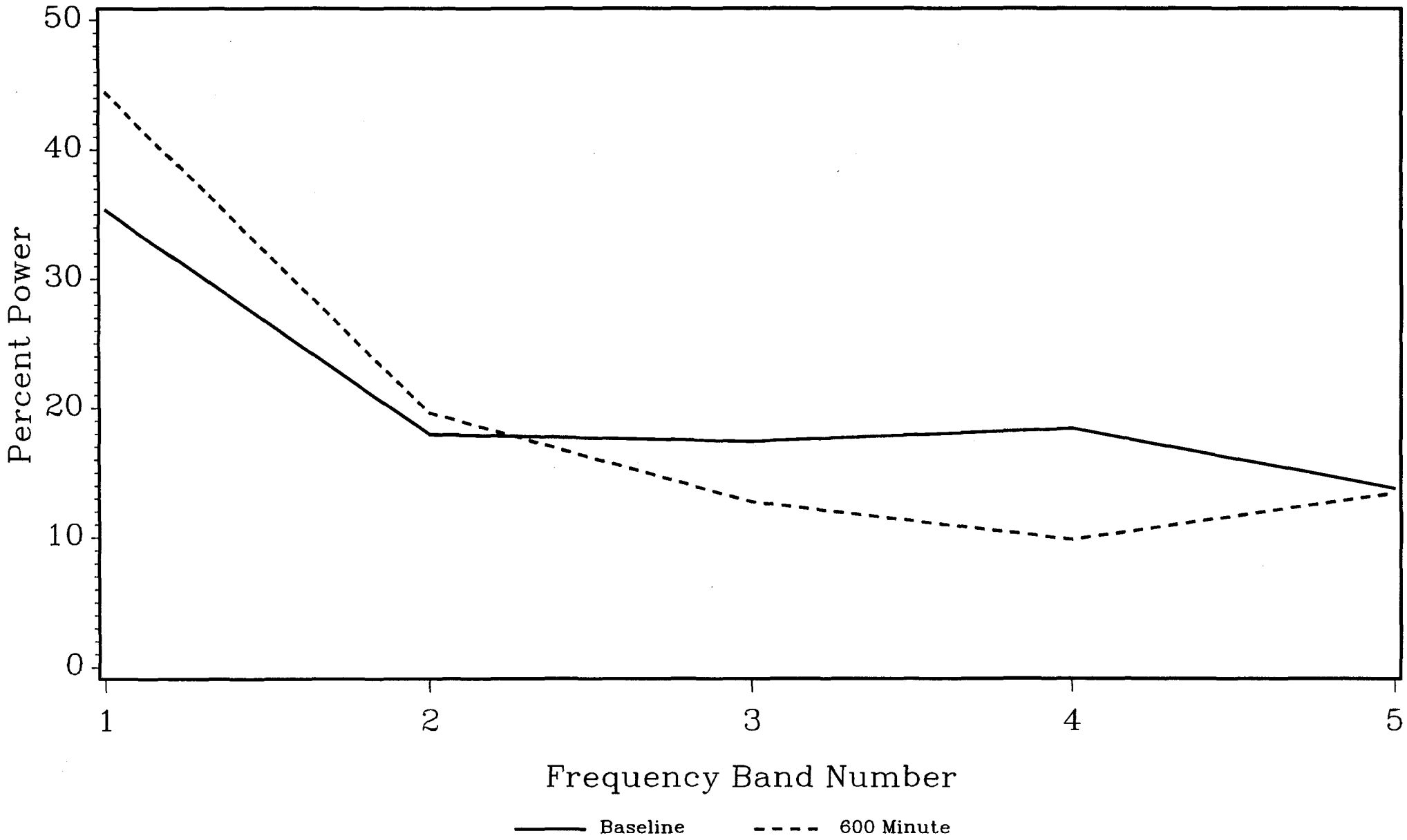
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.1 Channel=4



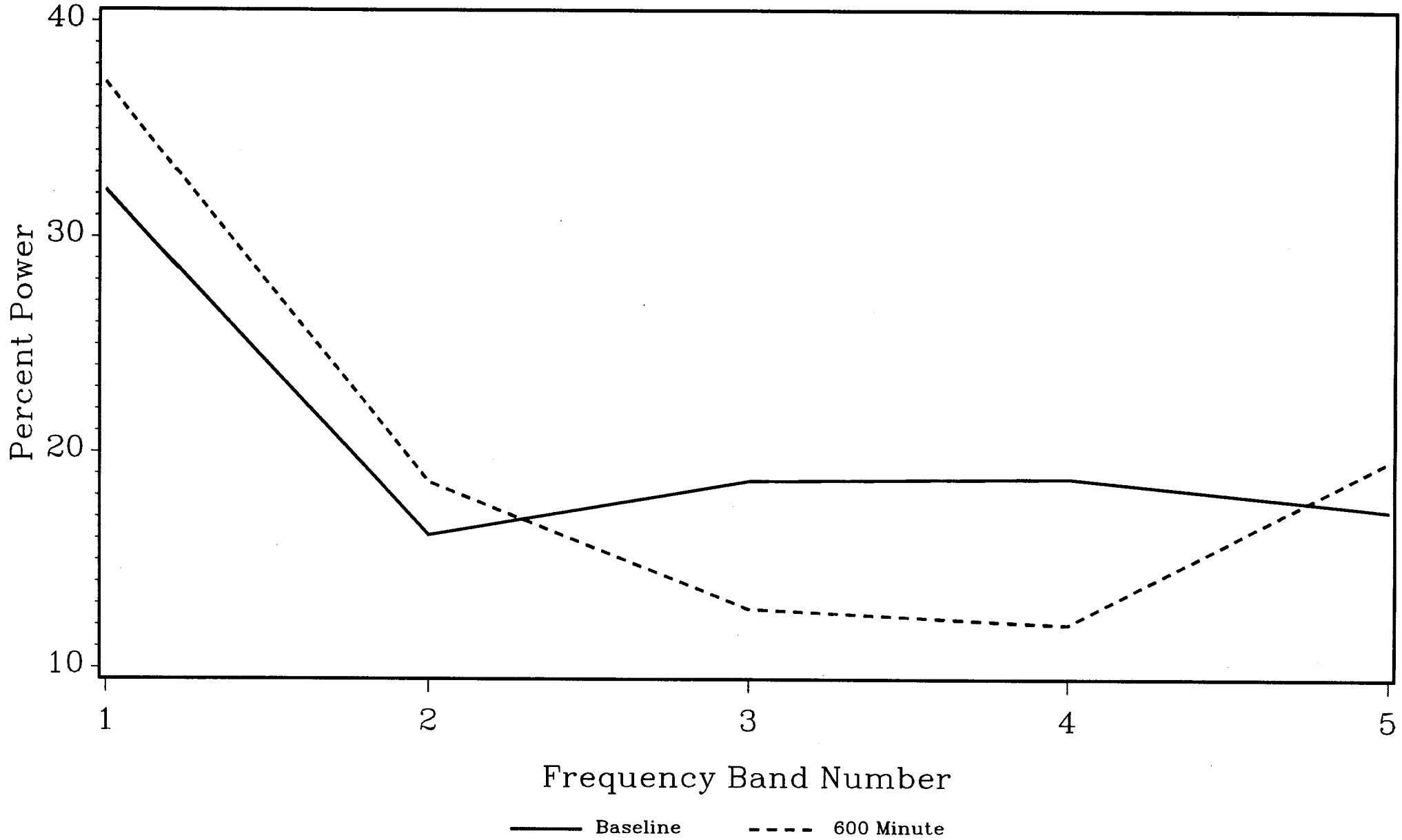
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.2 Channel=1



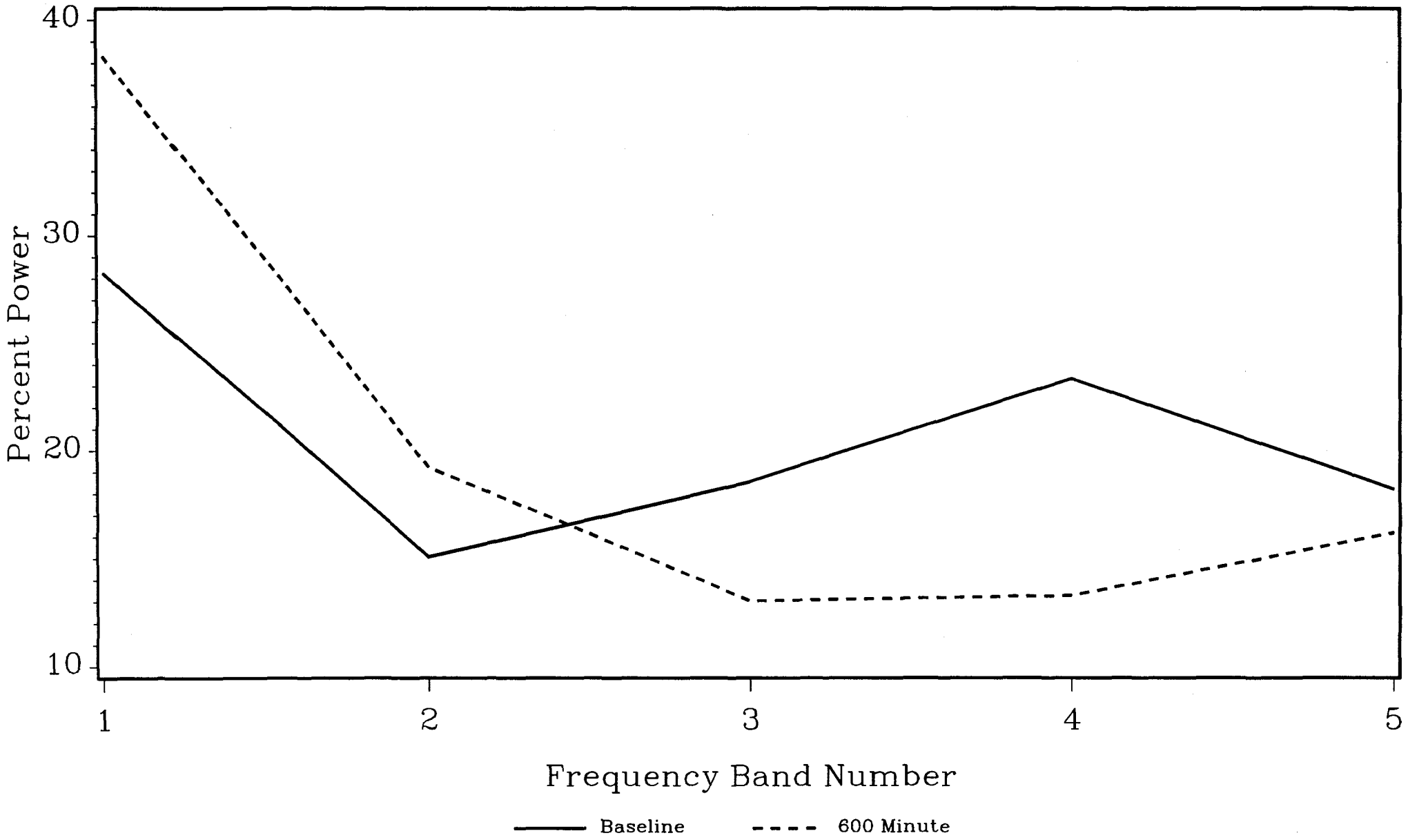
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.2 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.2 Channel=3

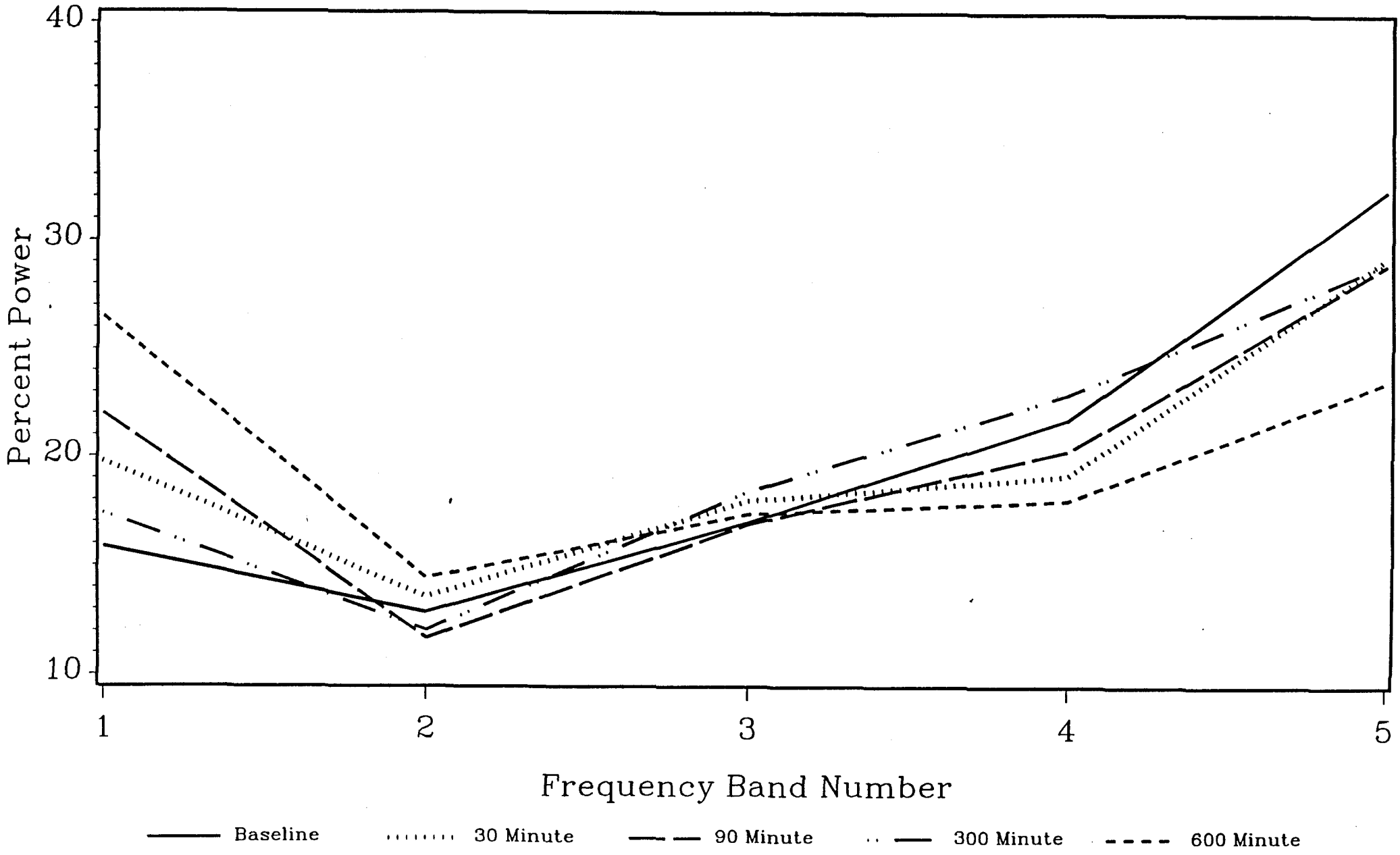


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=4E5 Atropine Dose (mg/kg)=0.2 Channel=4

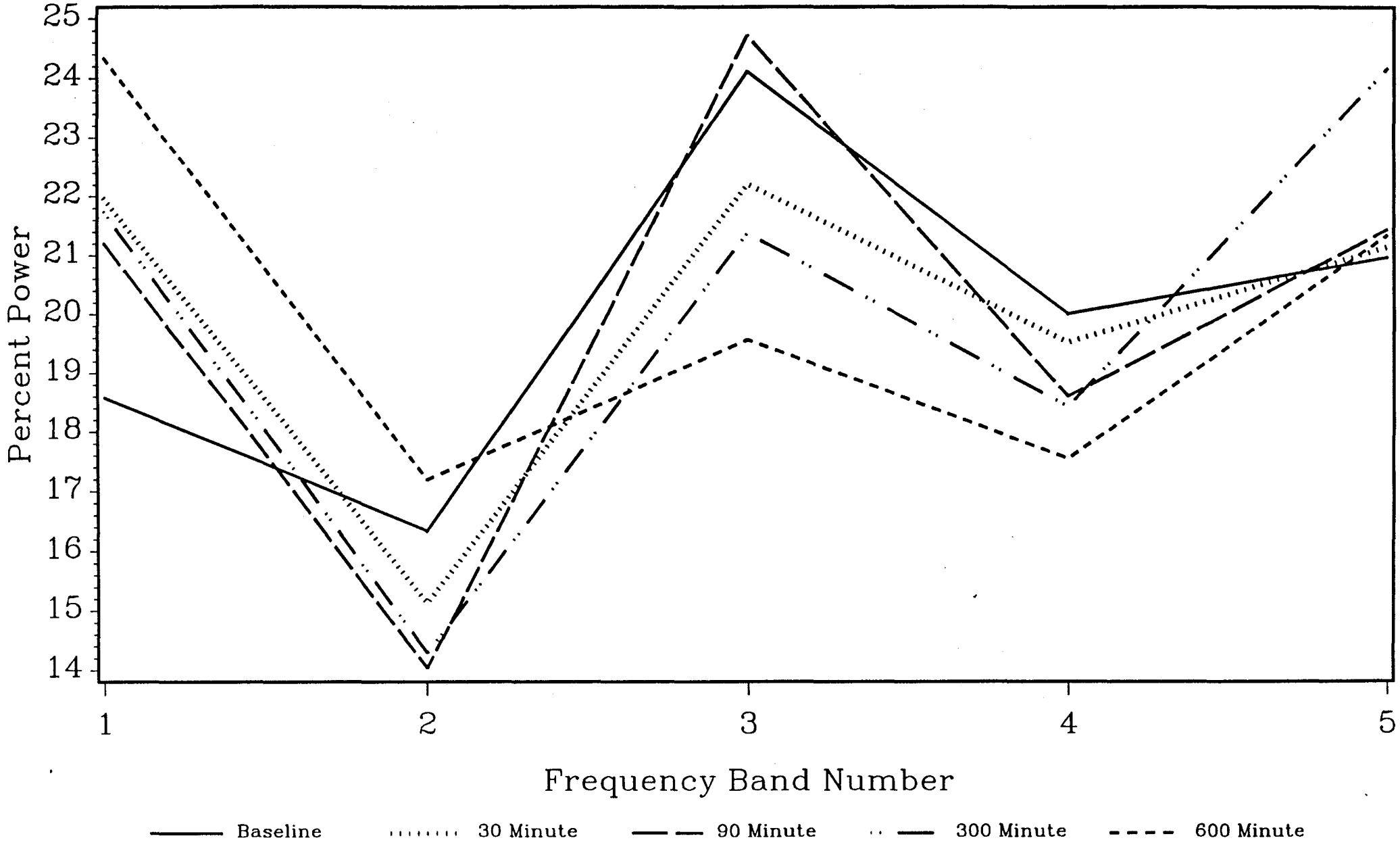


Animal D275

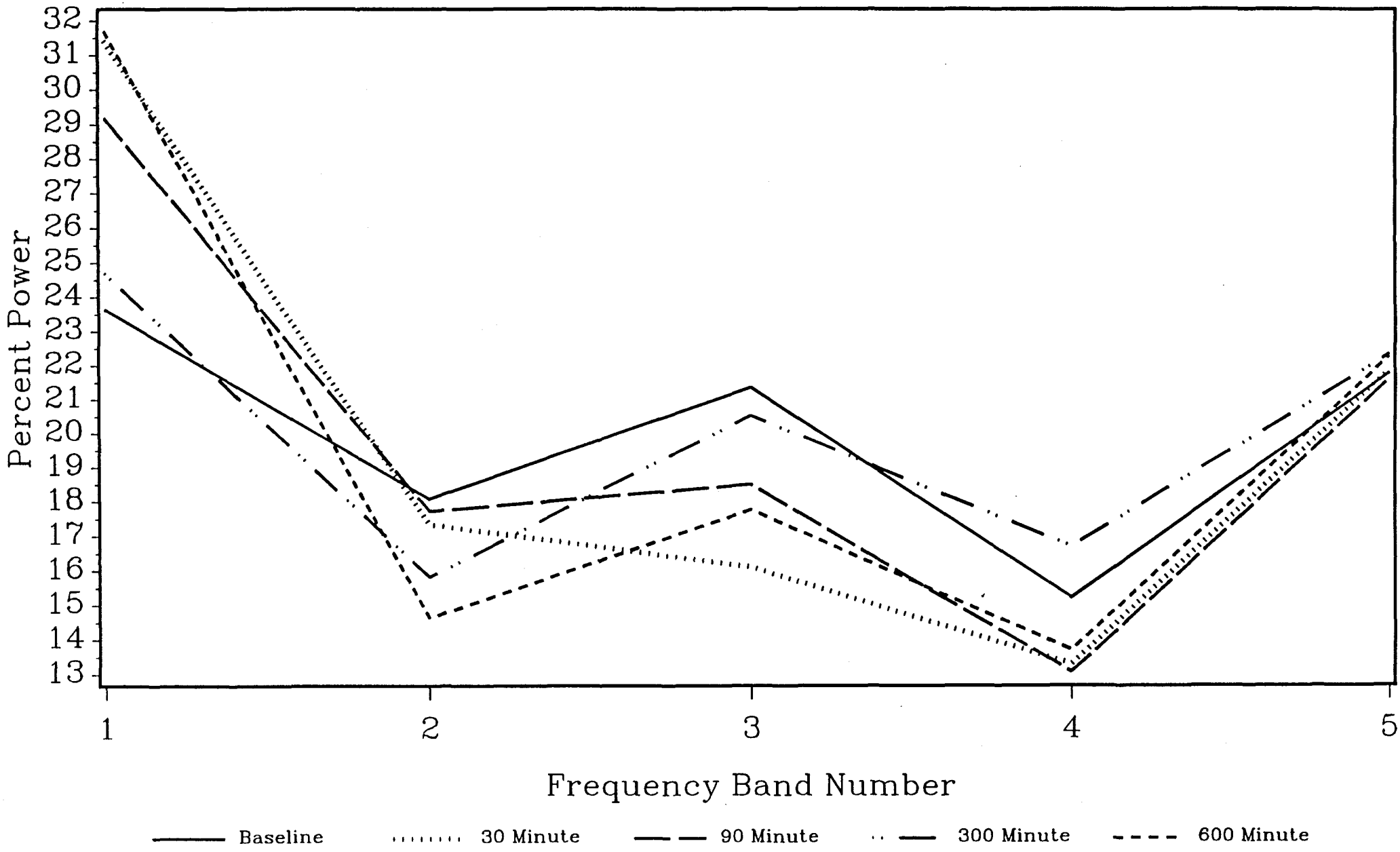
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.0 Channel=1



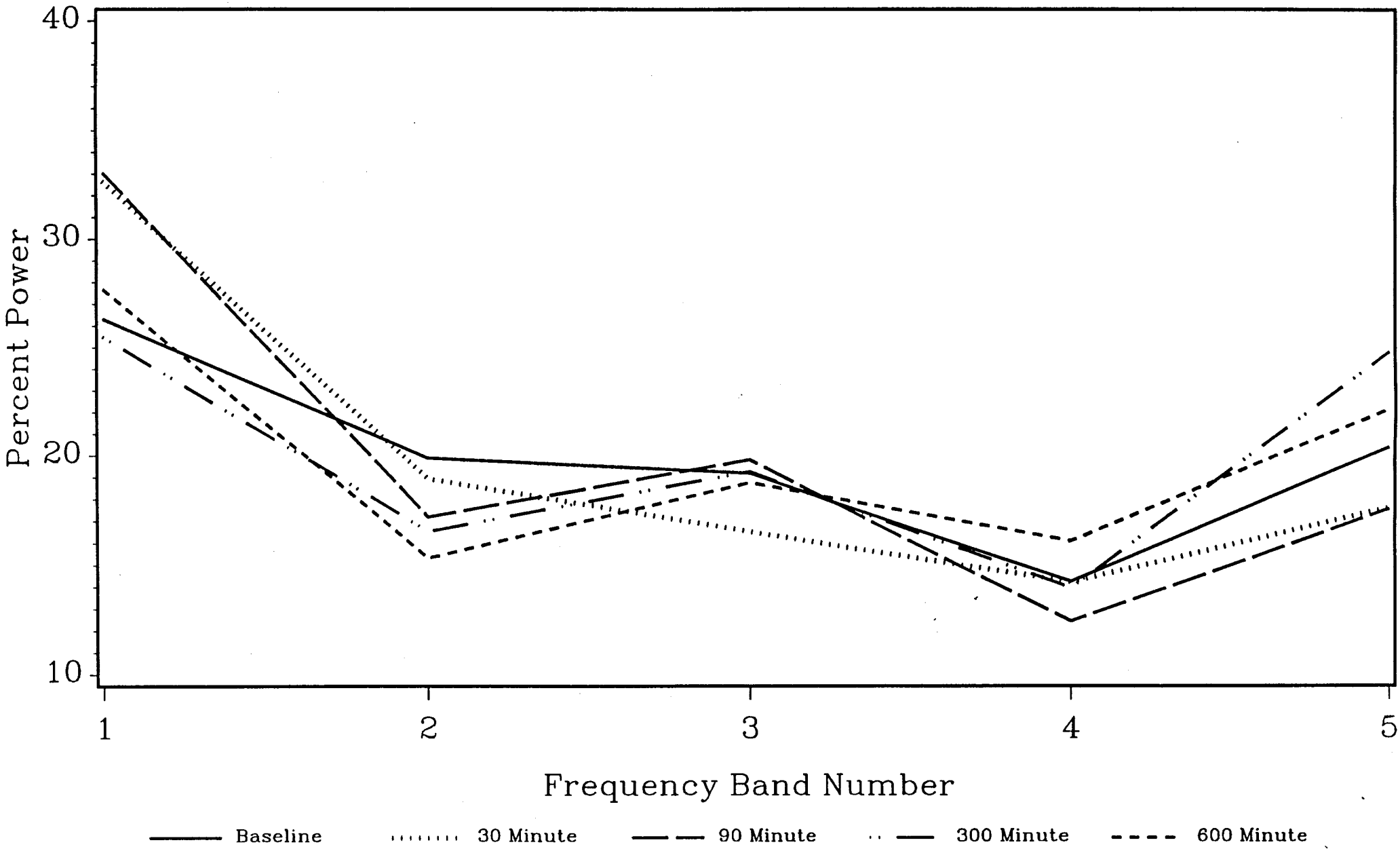
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.0 Channel=2



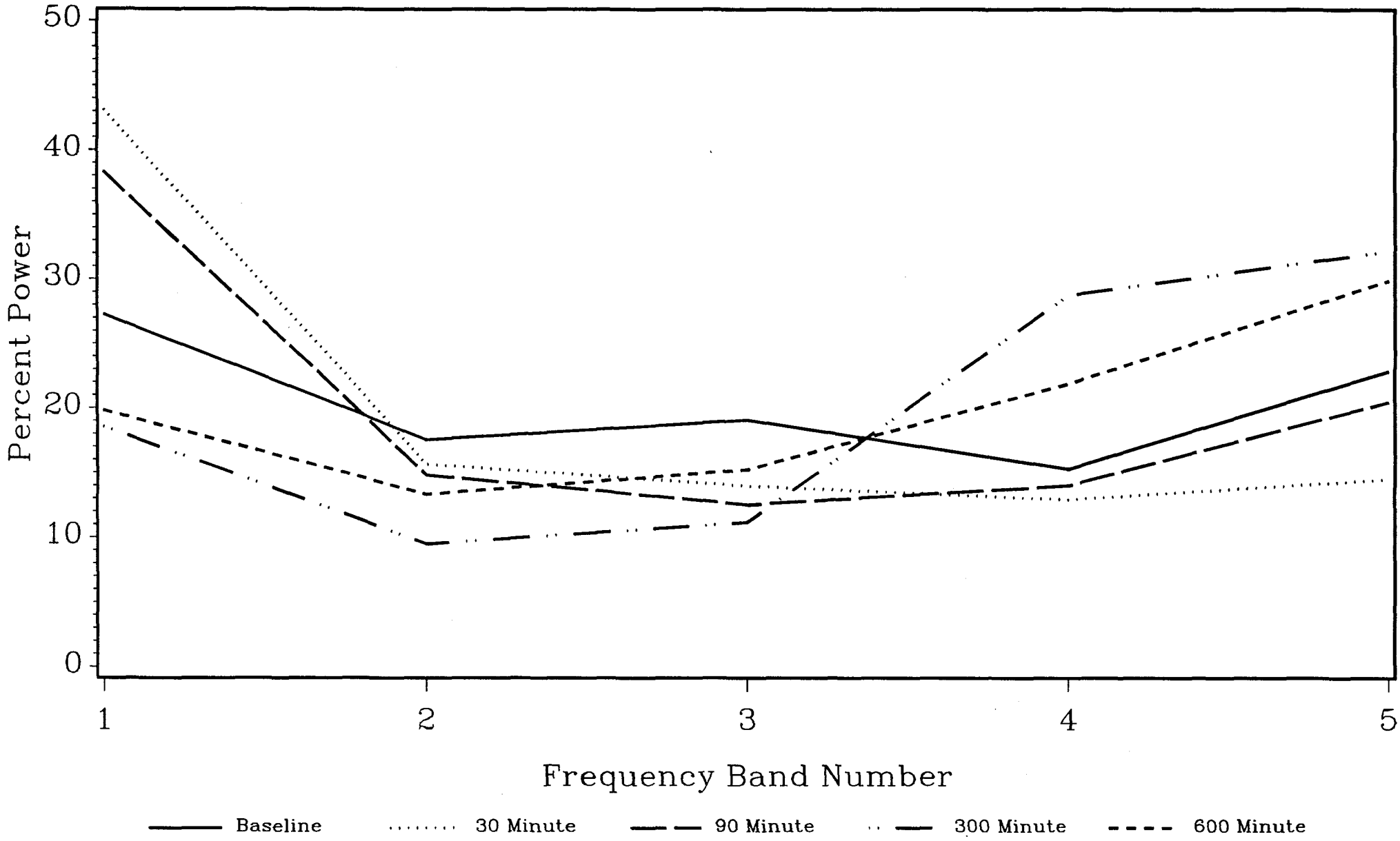
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.0 Channel=3



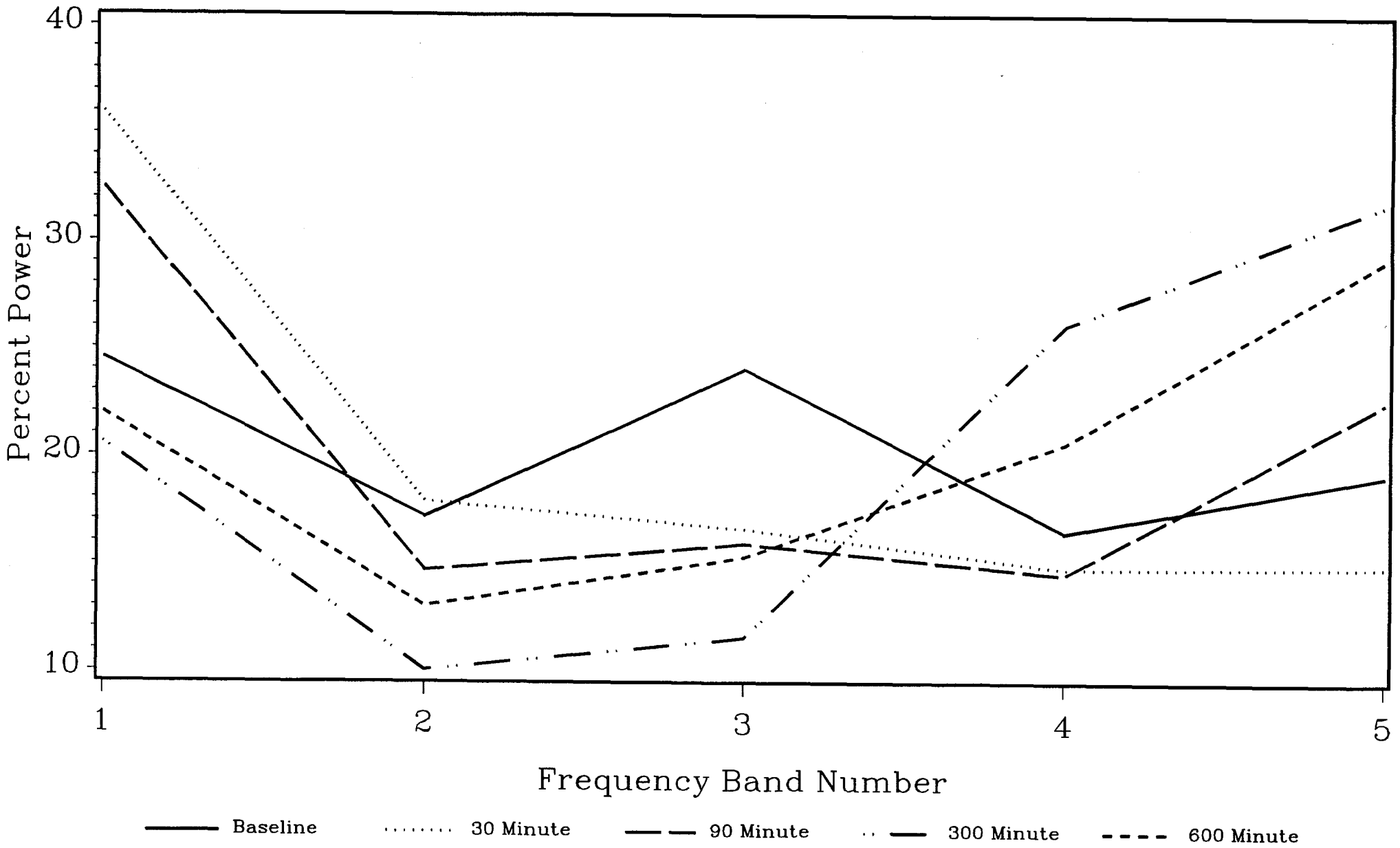
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.0 Channel=4



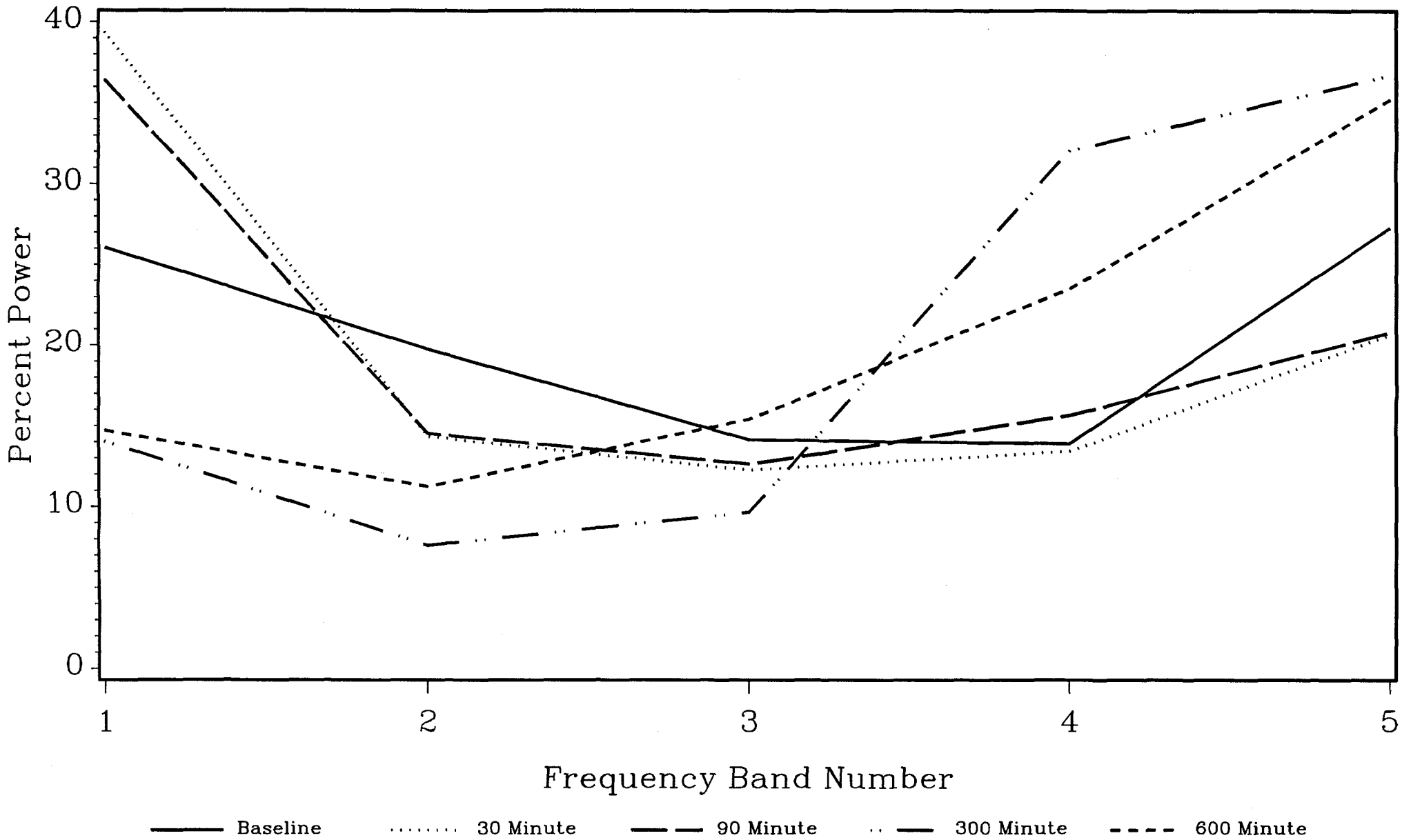
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.1 Channel=1



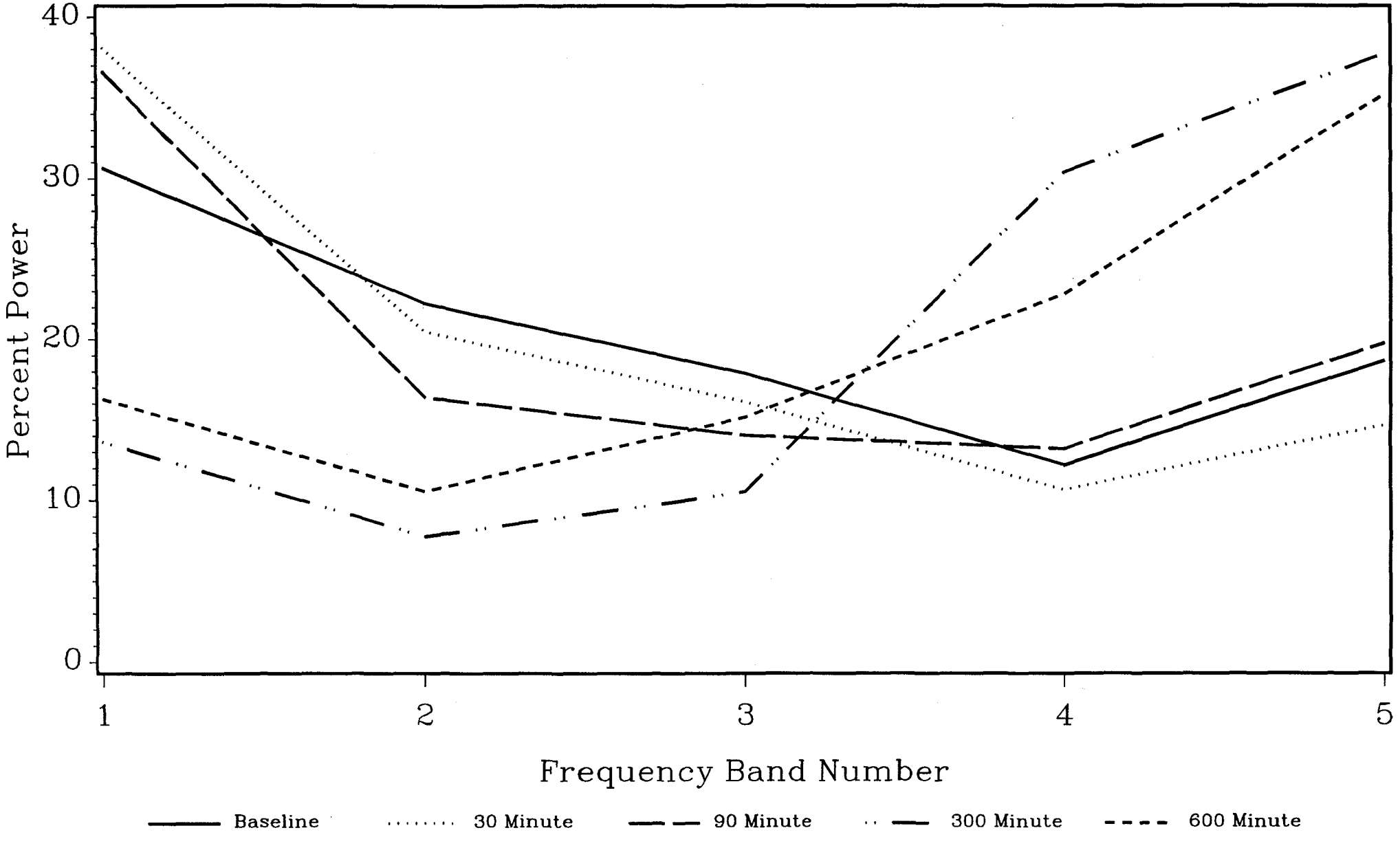
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.1 Channel=2



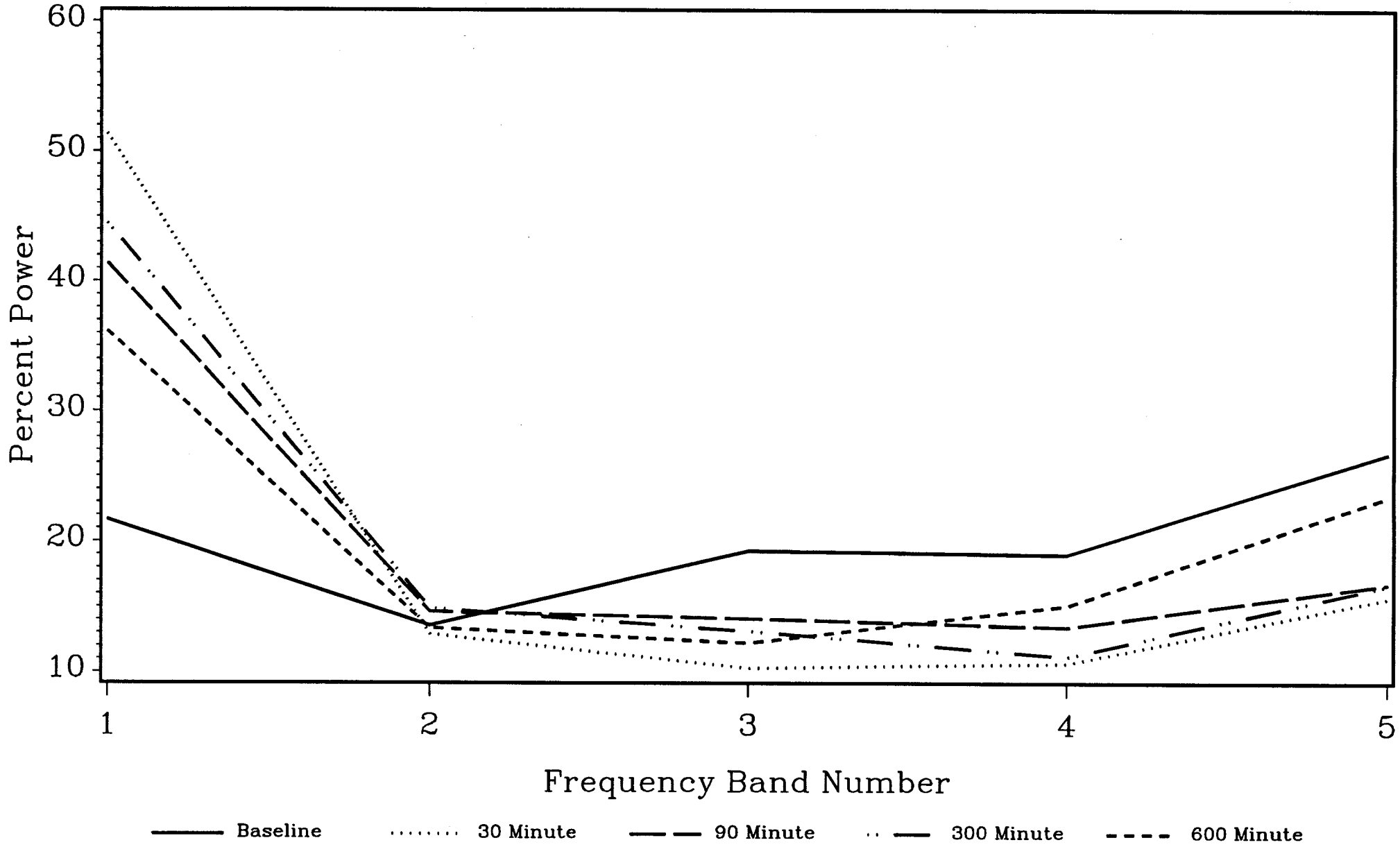
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.1 Channel=3



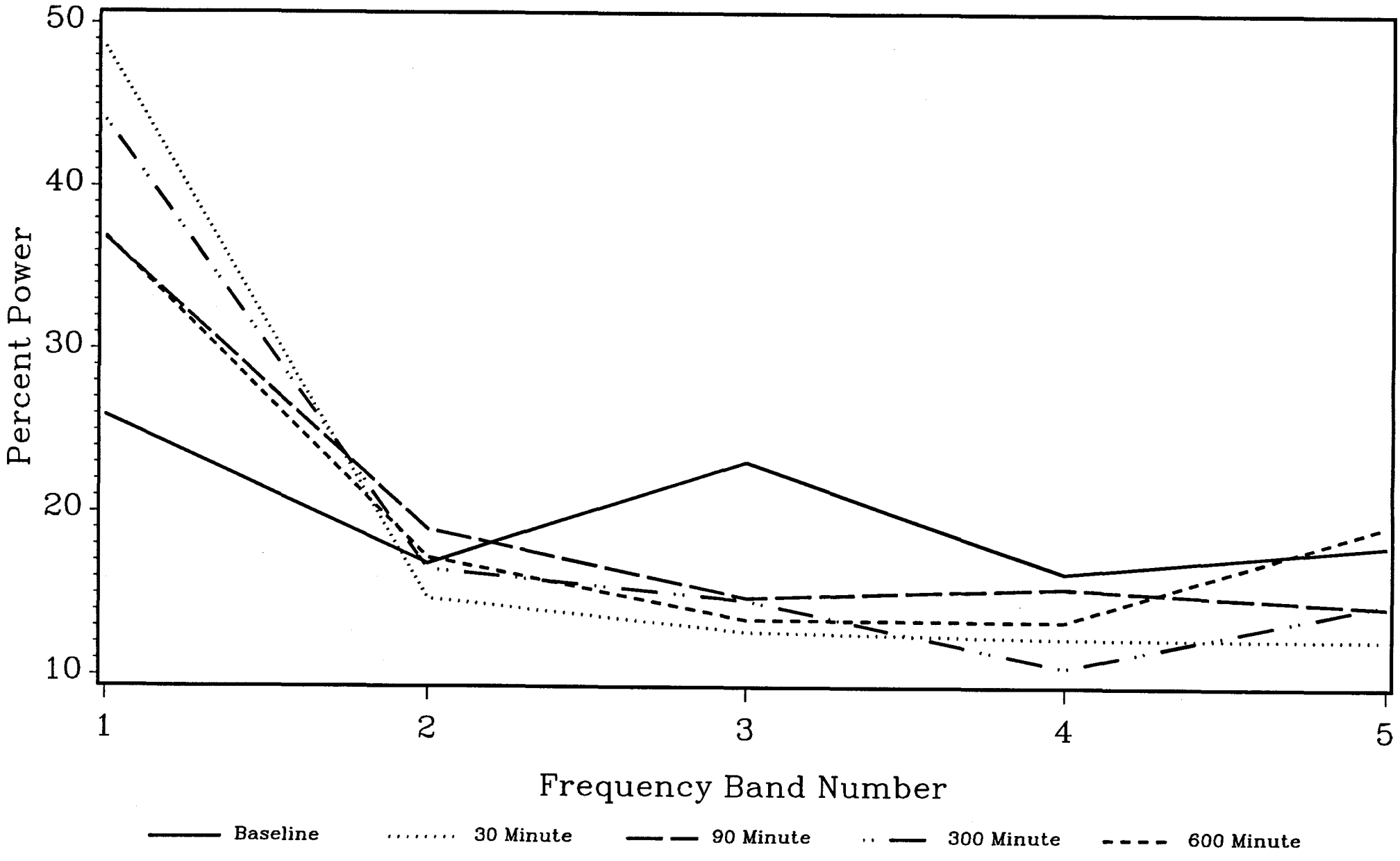
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.1 Channel=4



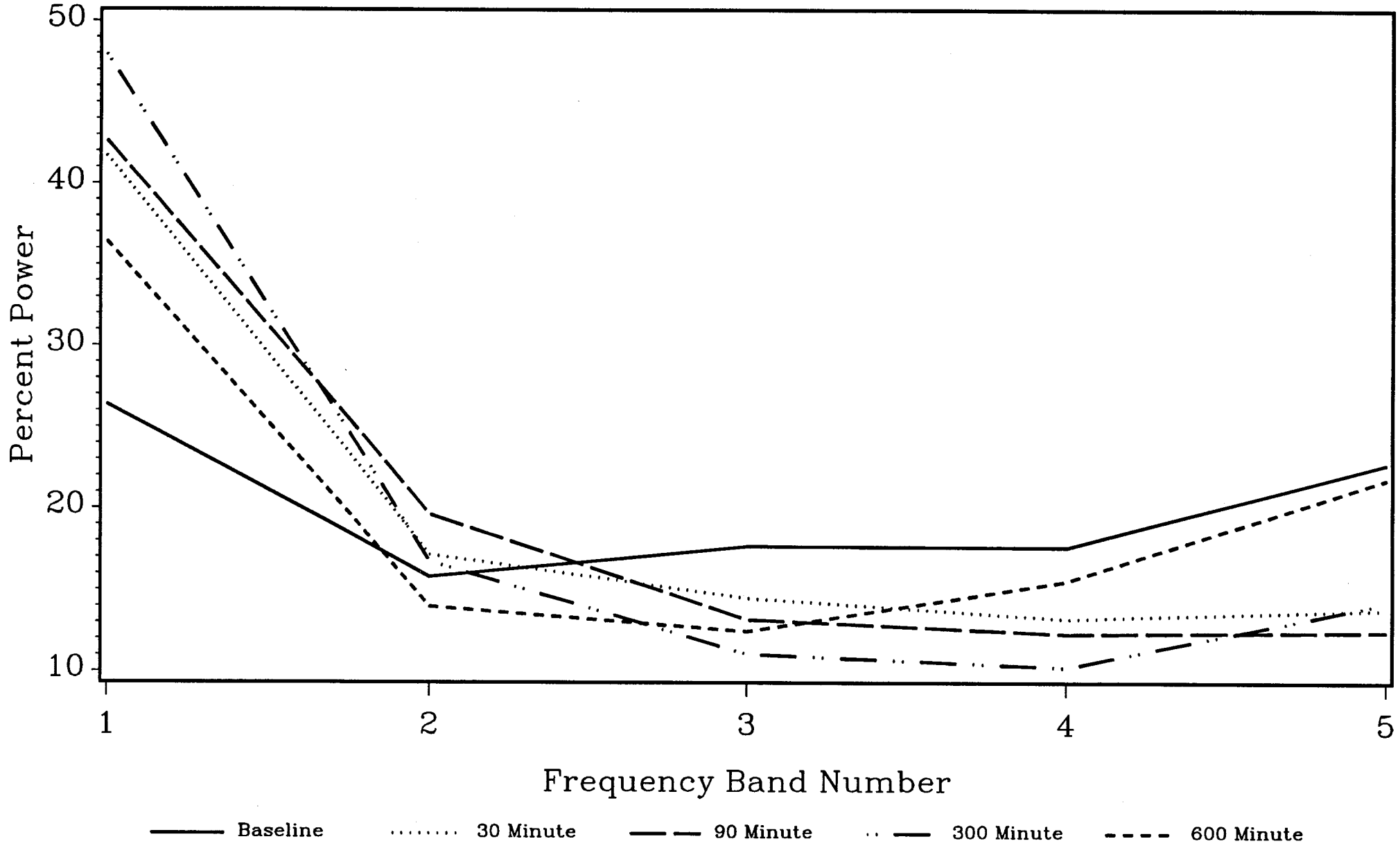
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.2 Channel=1



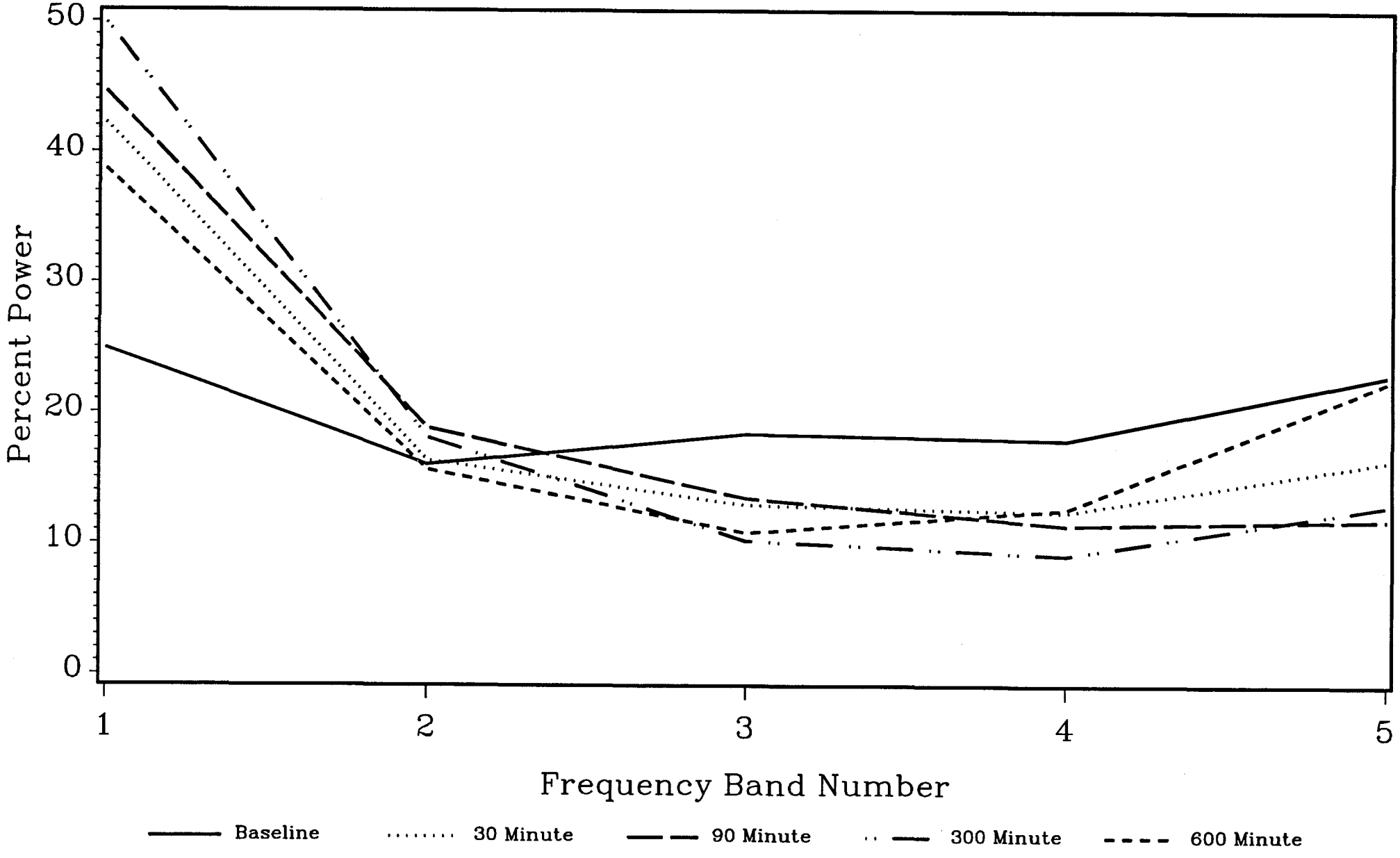
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.2 Channel=2



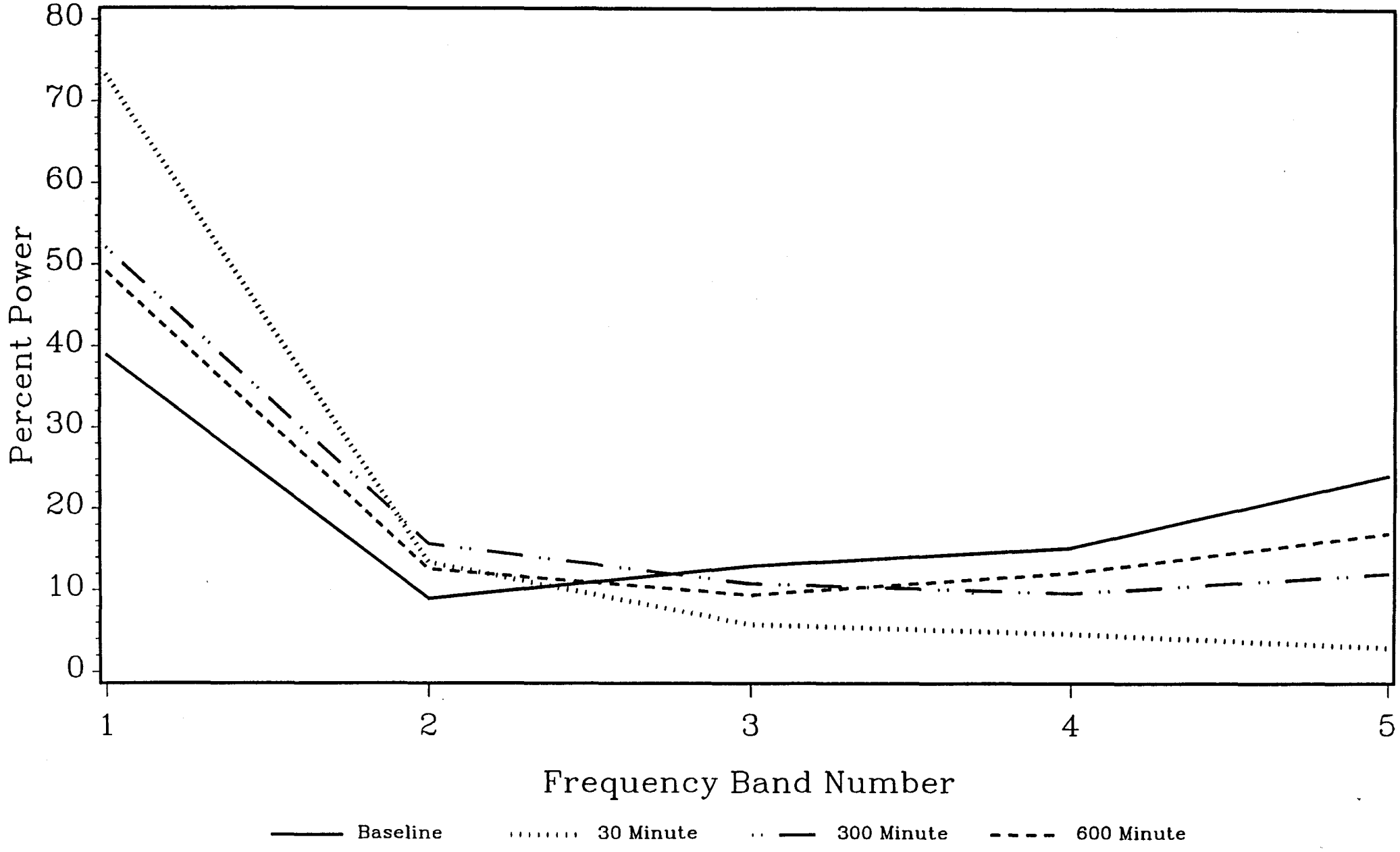
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.2 Channel=3



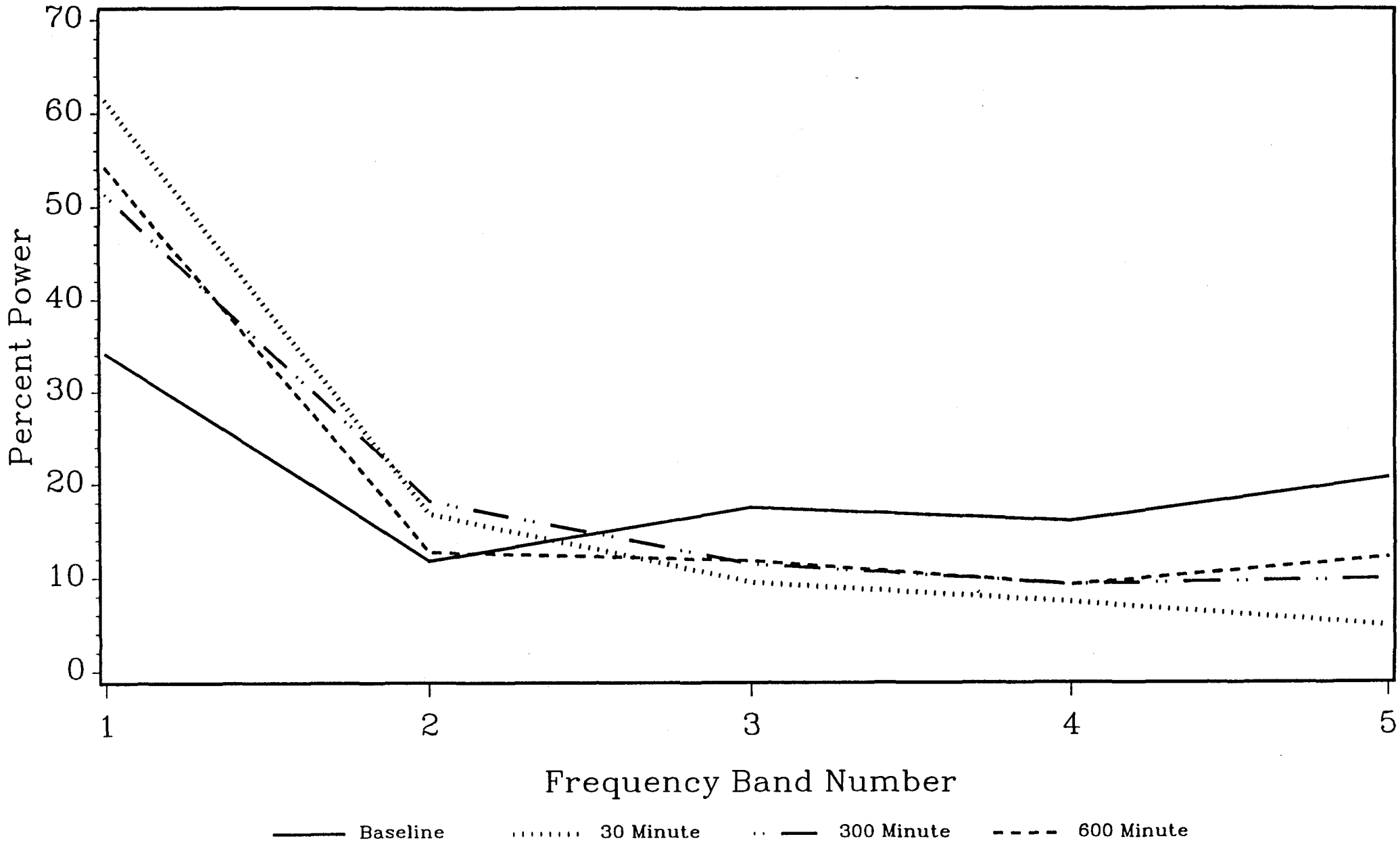
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.2 Channel=4



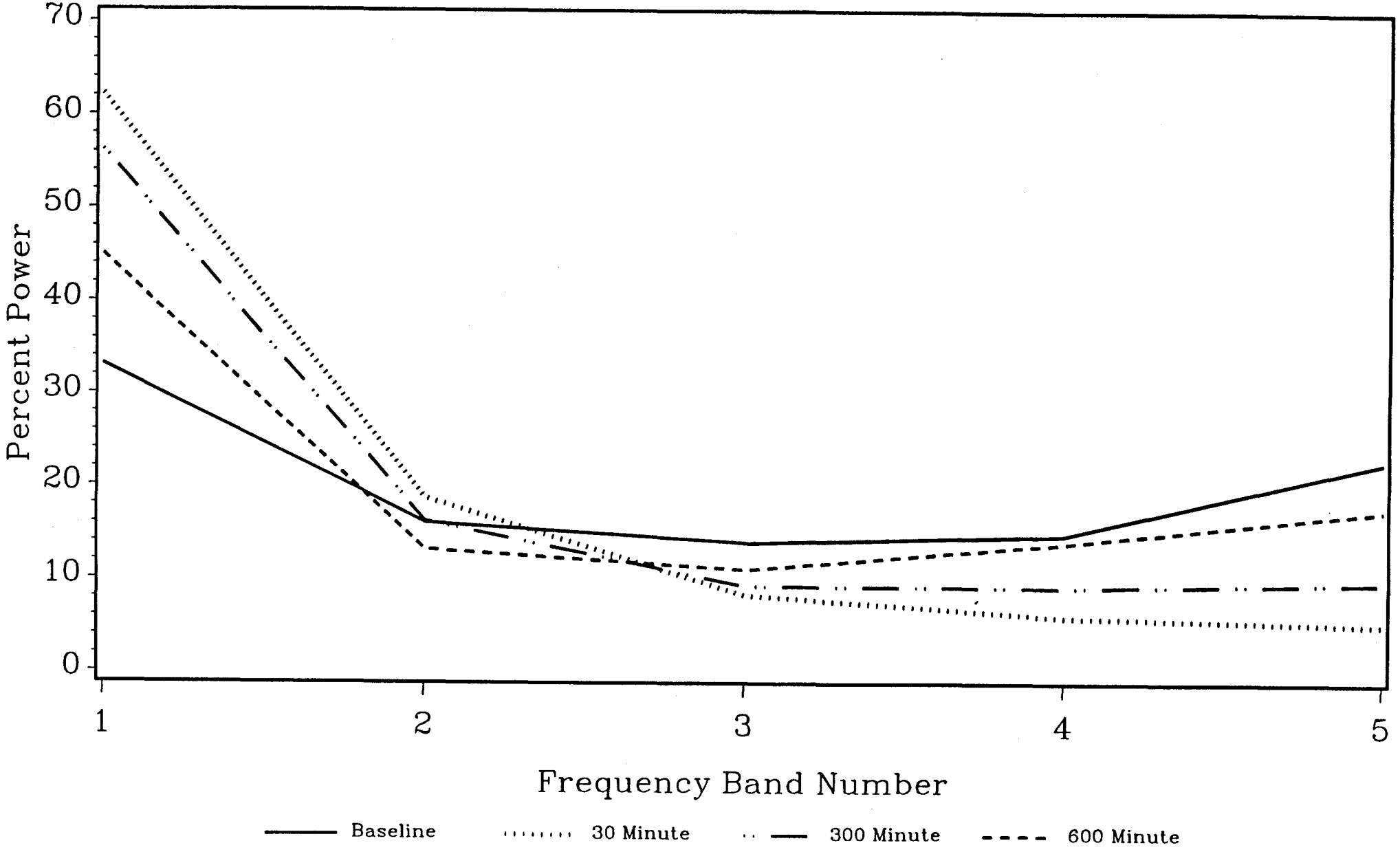
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.4 Channel=1



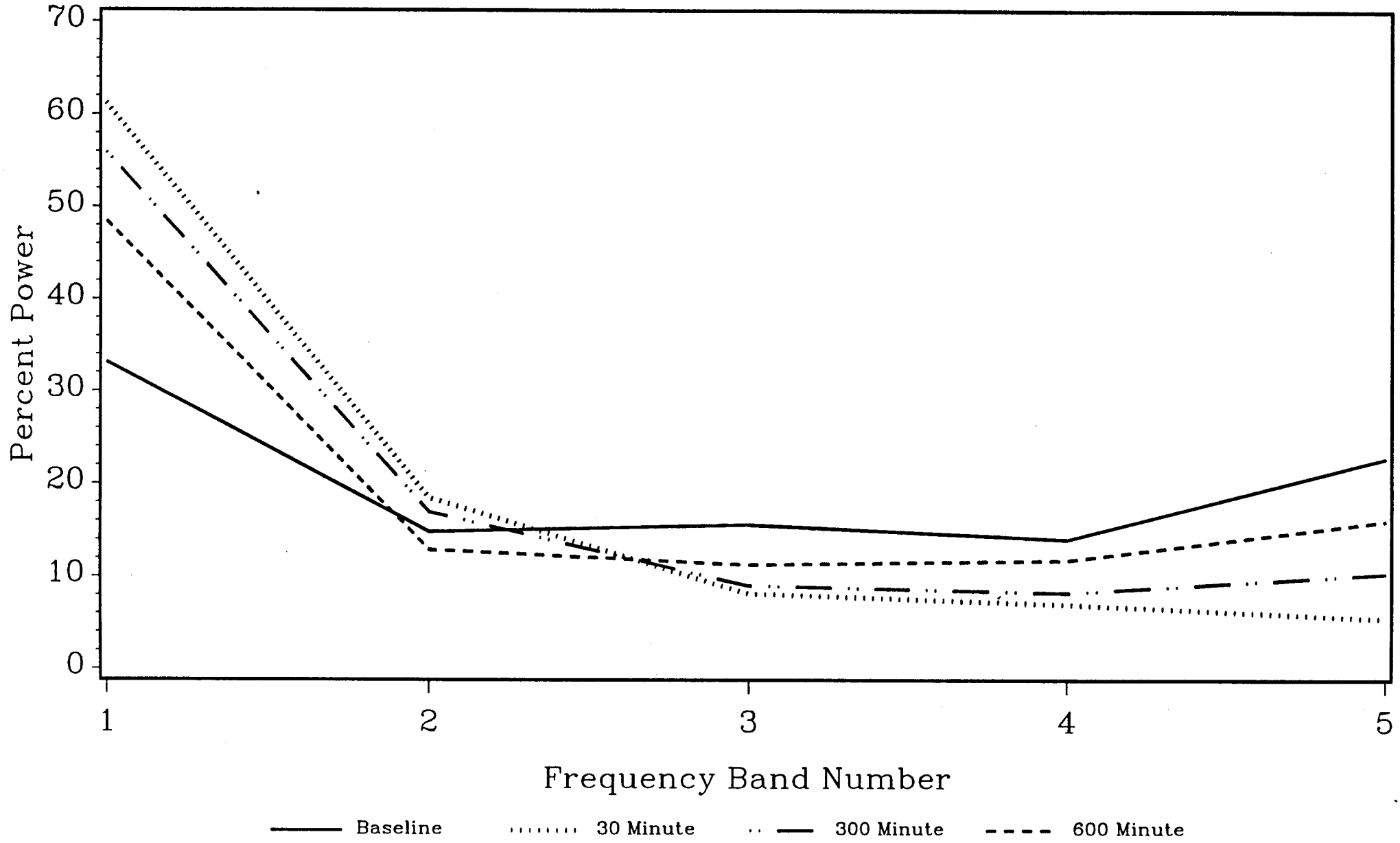
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.4 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.4 Channel=3

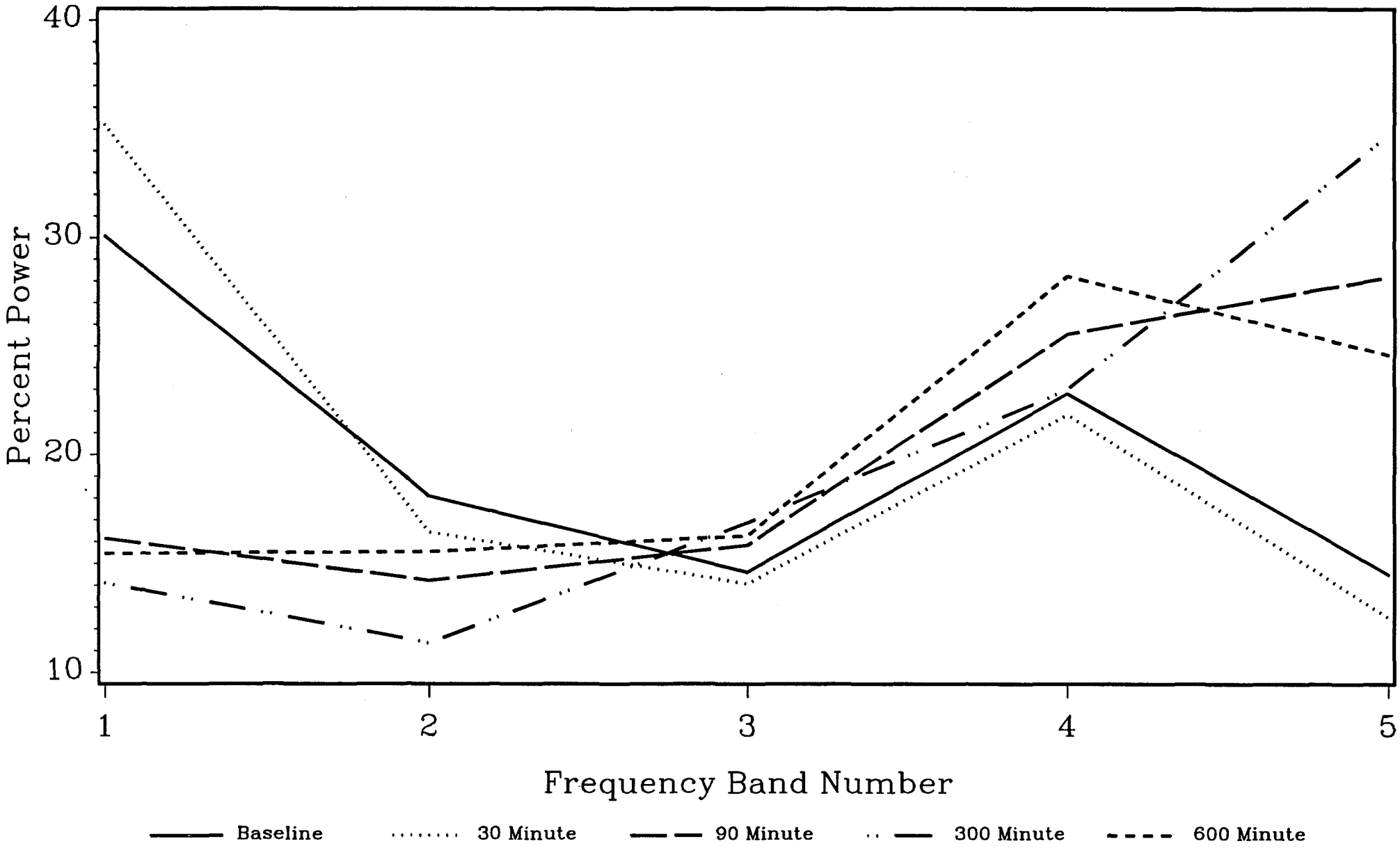


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D275 Atropine Dose (mg/kg)=0.4 Channel=4

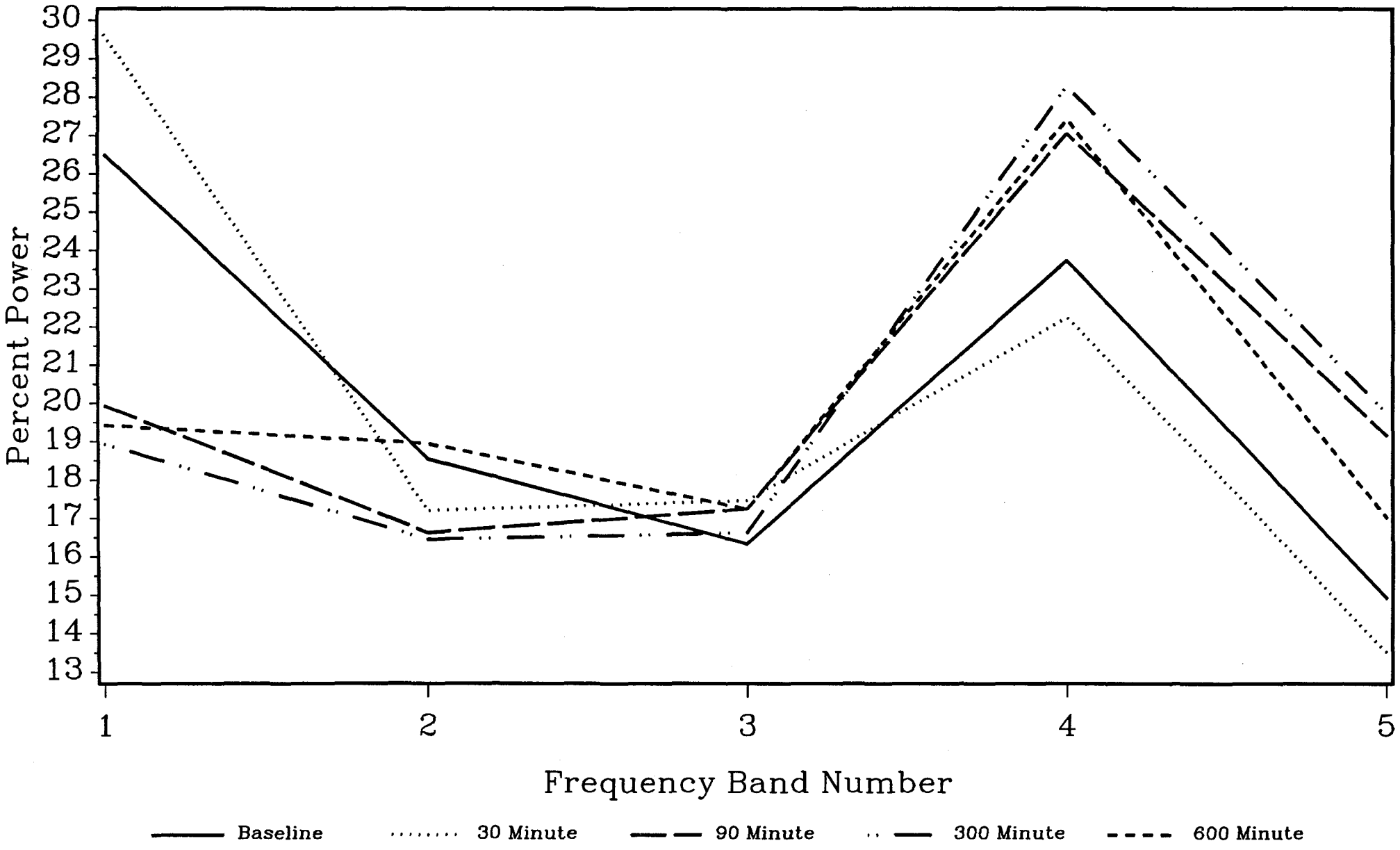


Animal D345

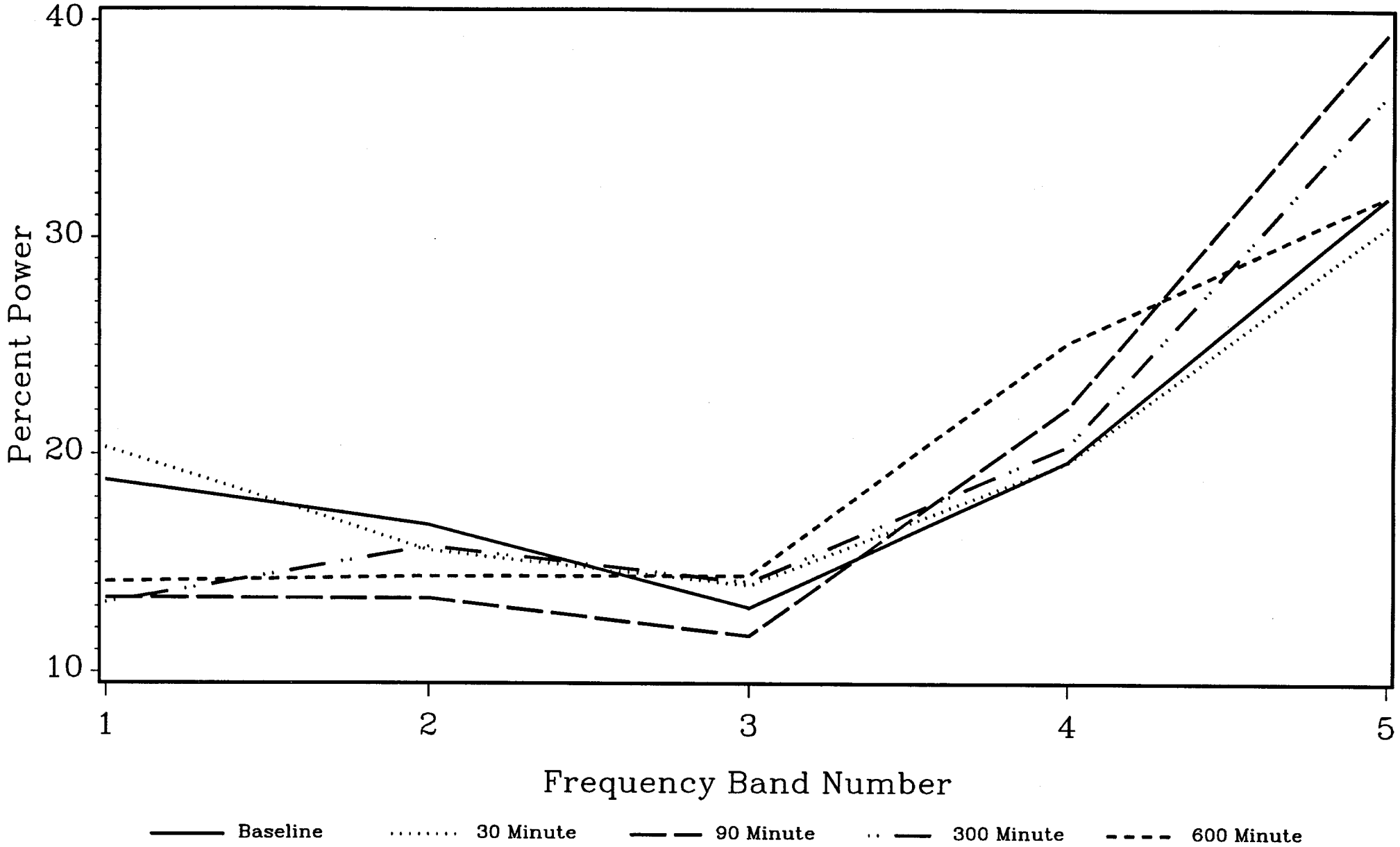
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.0 Channel=1



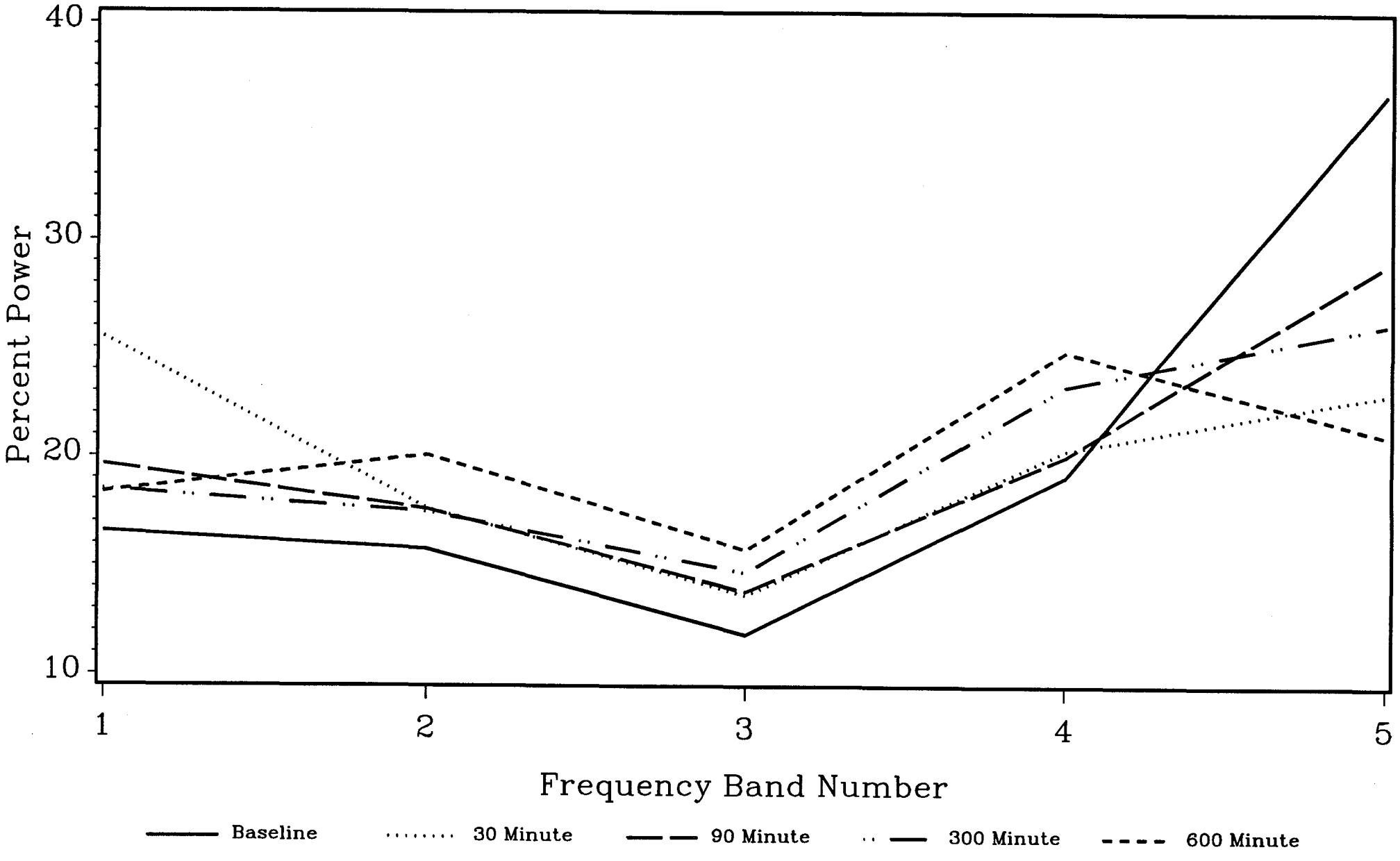
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.0 Channel=2



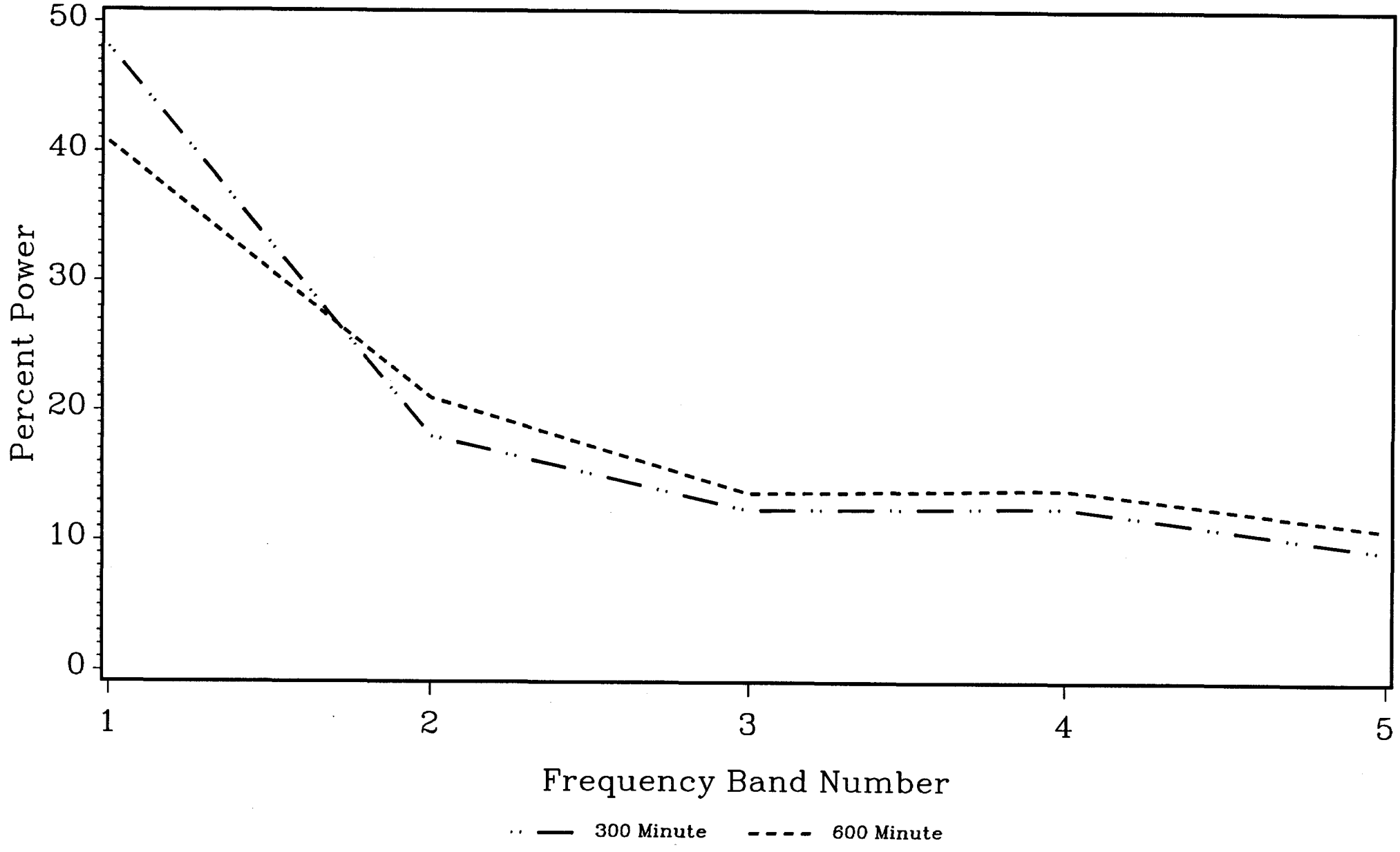
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.0 Channel=3



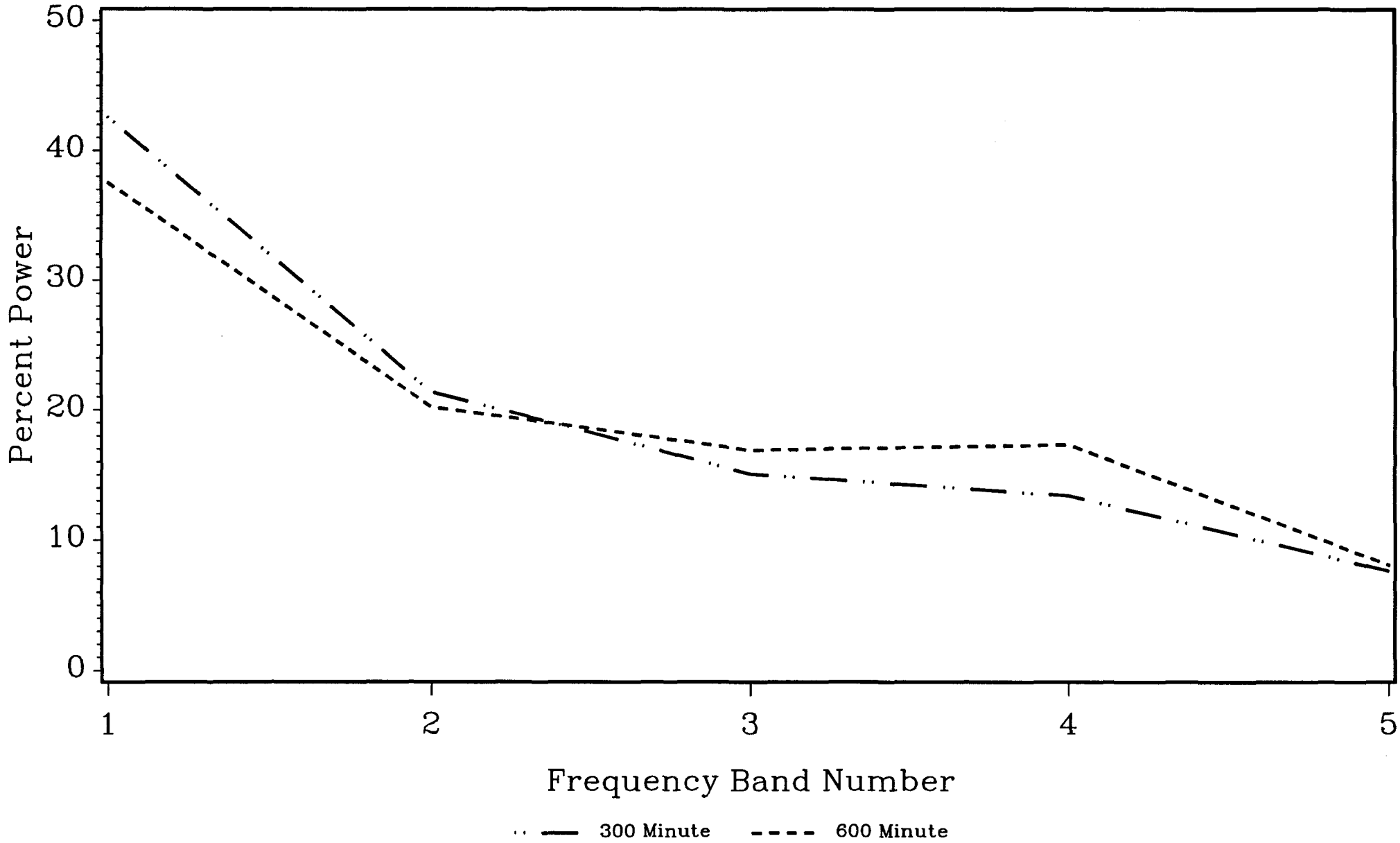
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.0 Channel=4



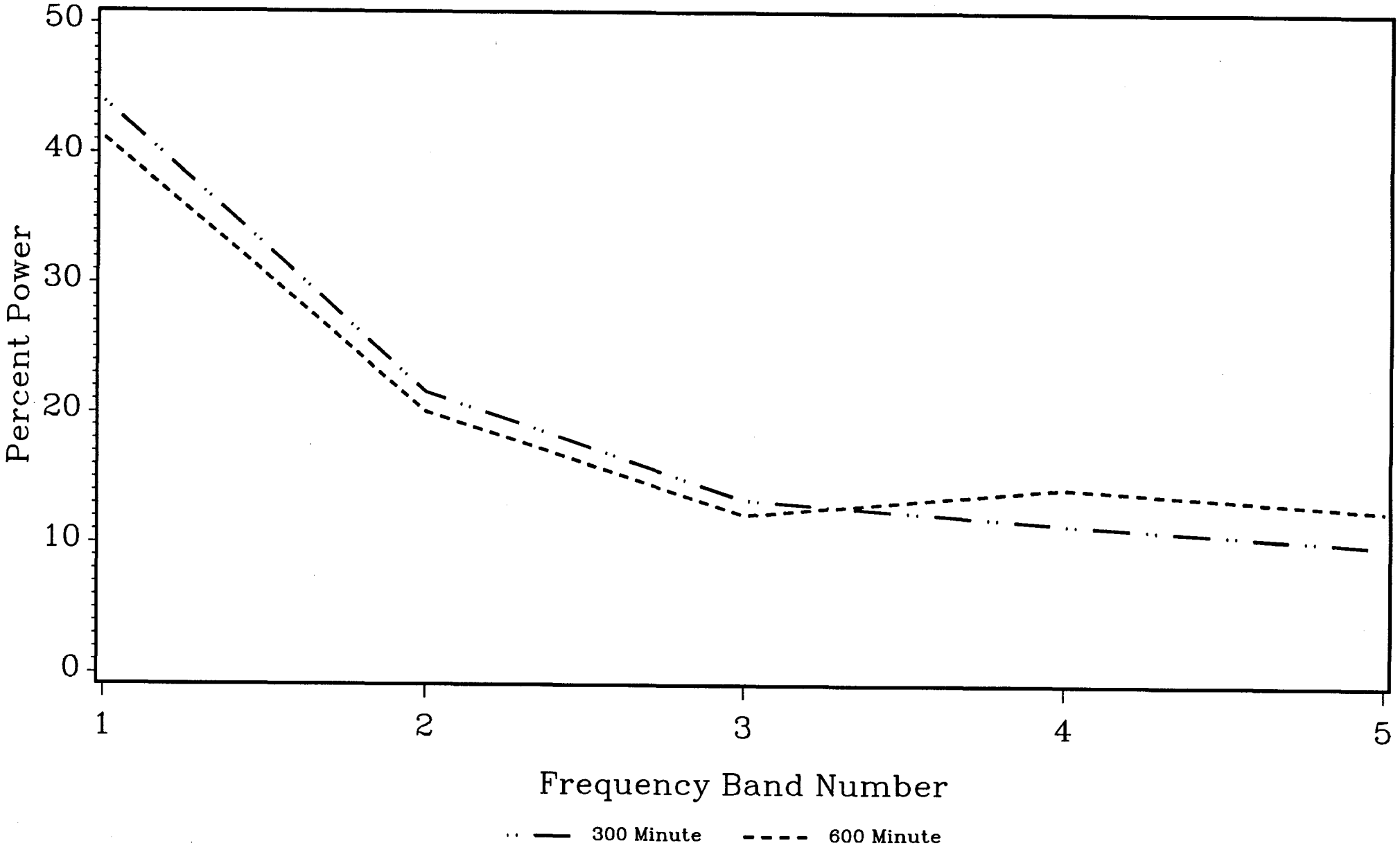
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.1 Channel=1



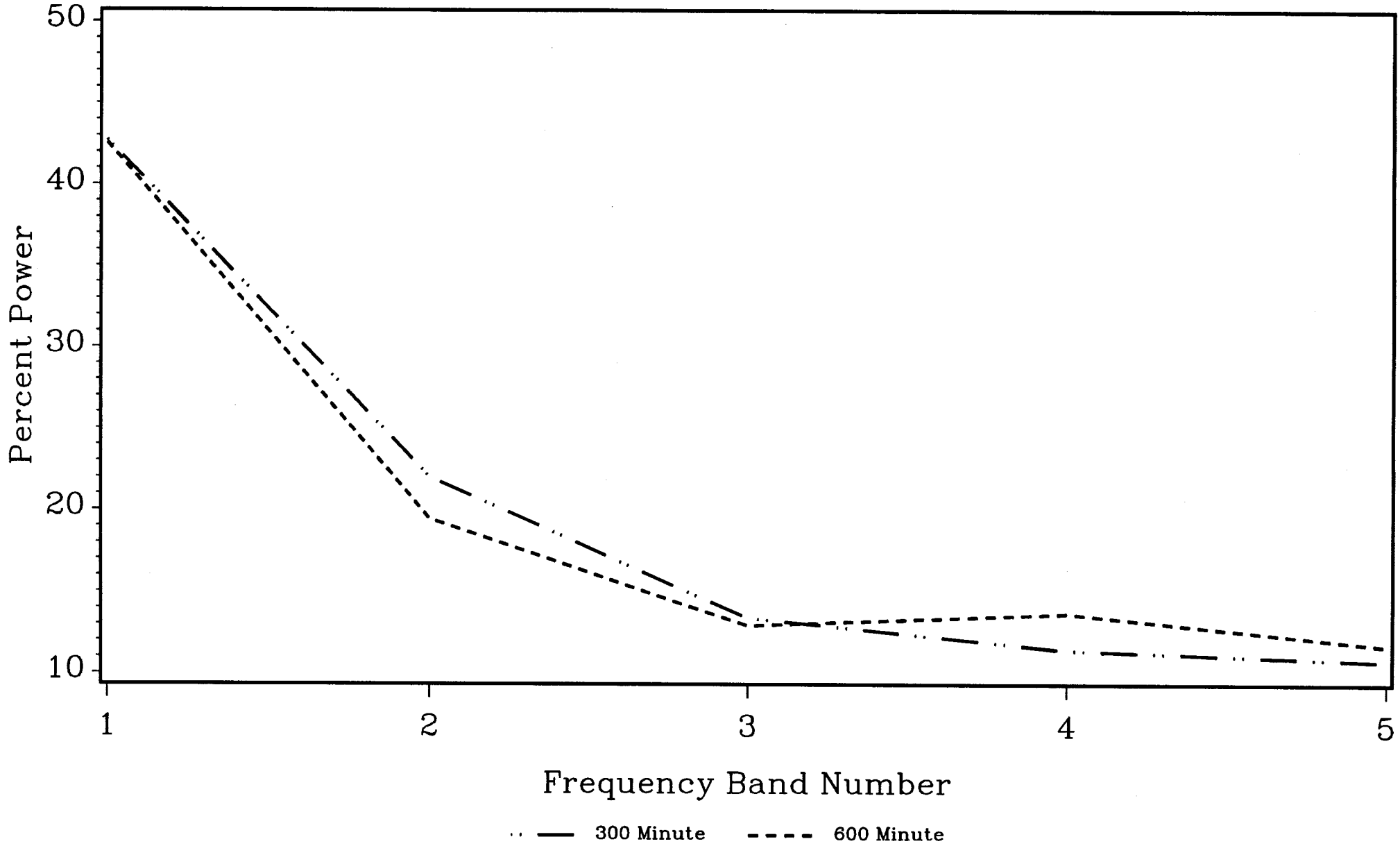
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.1 Channel=2



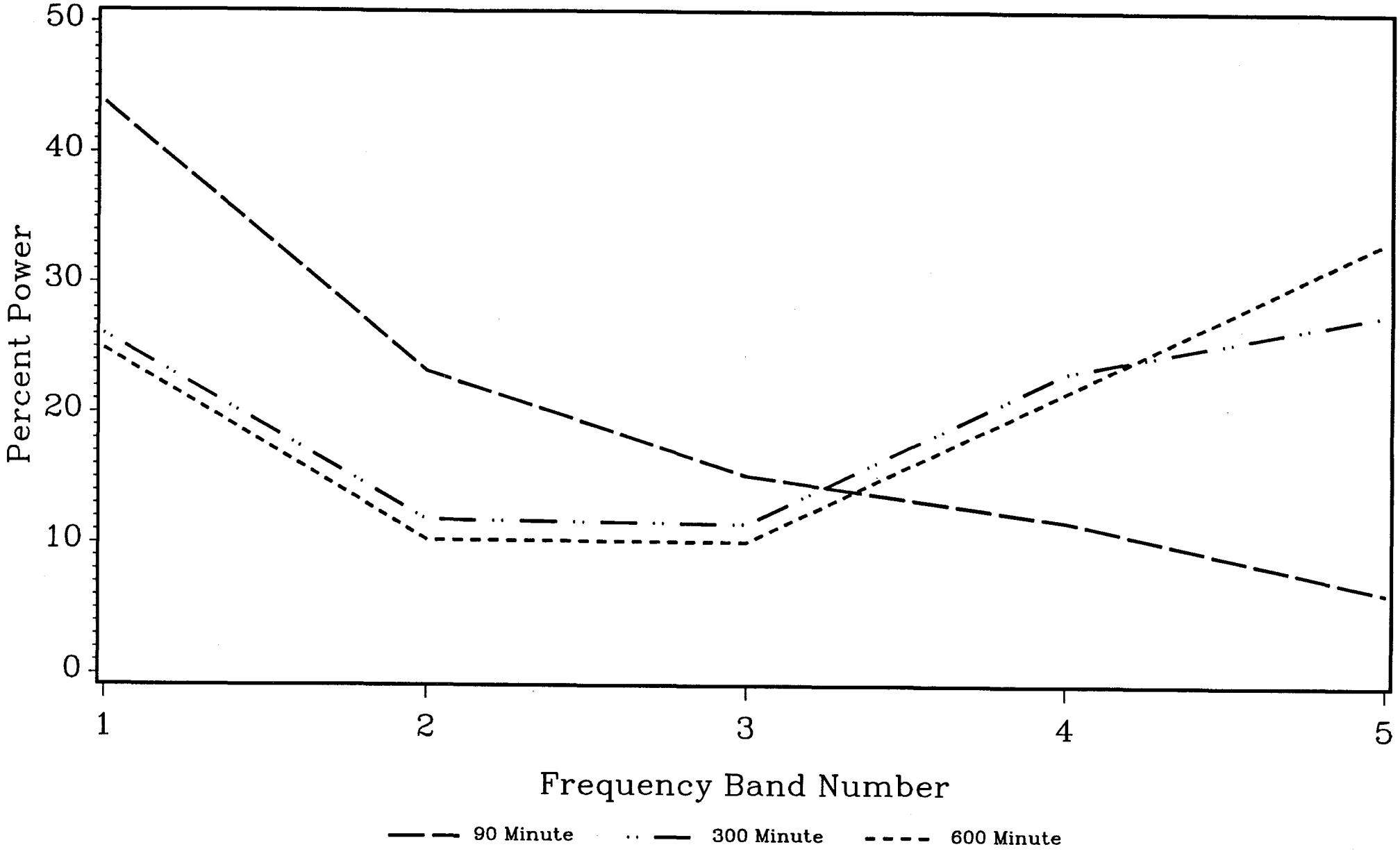
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.1 Channel=3



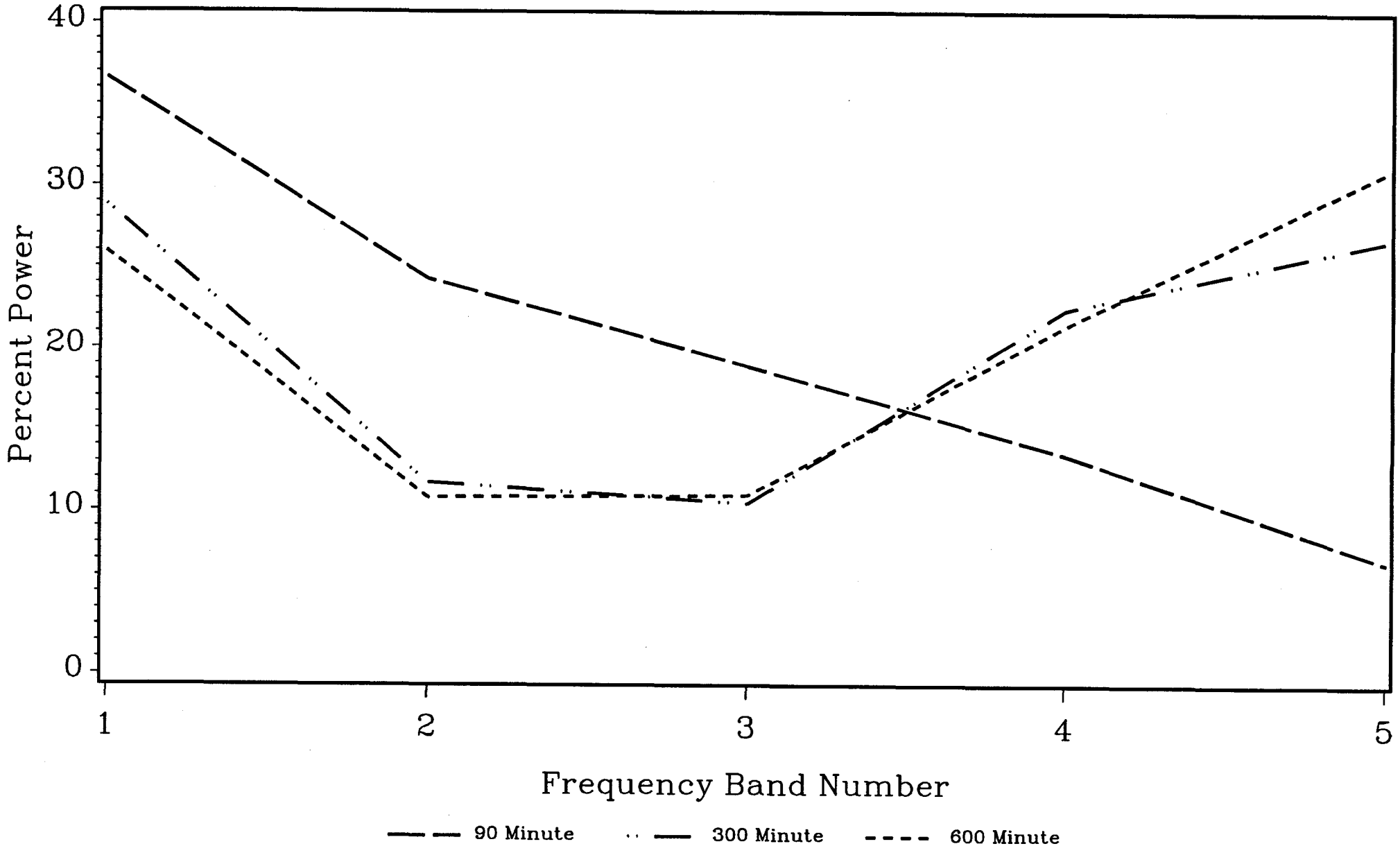
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.1 Channel=4



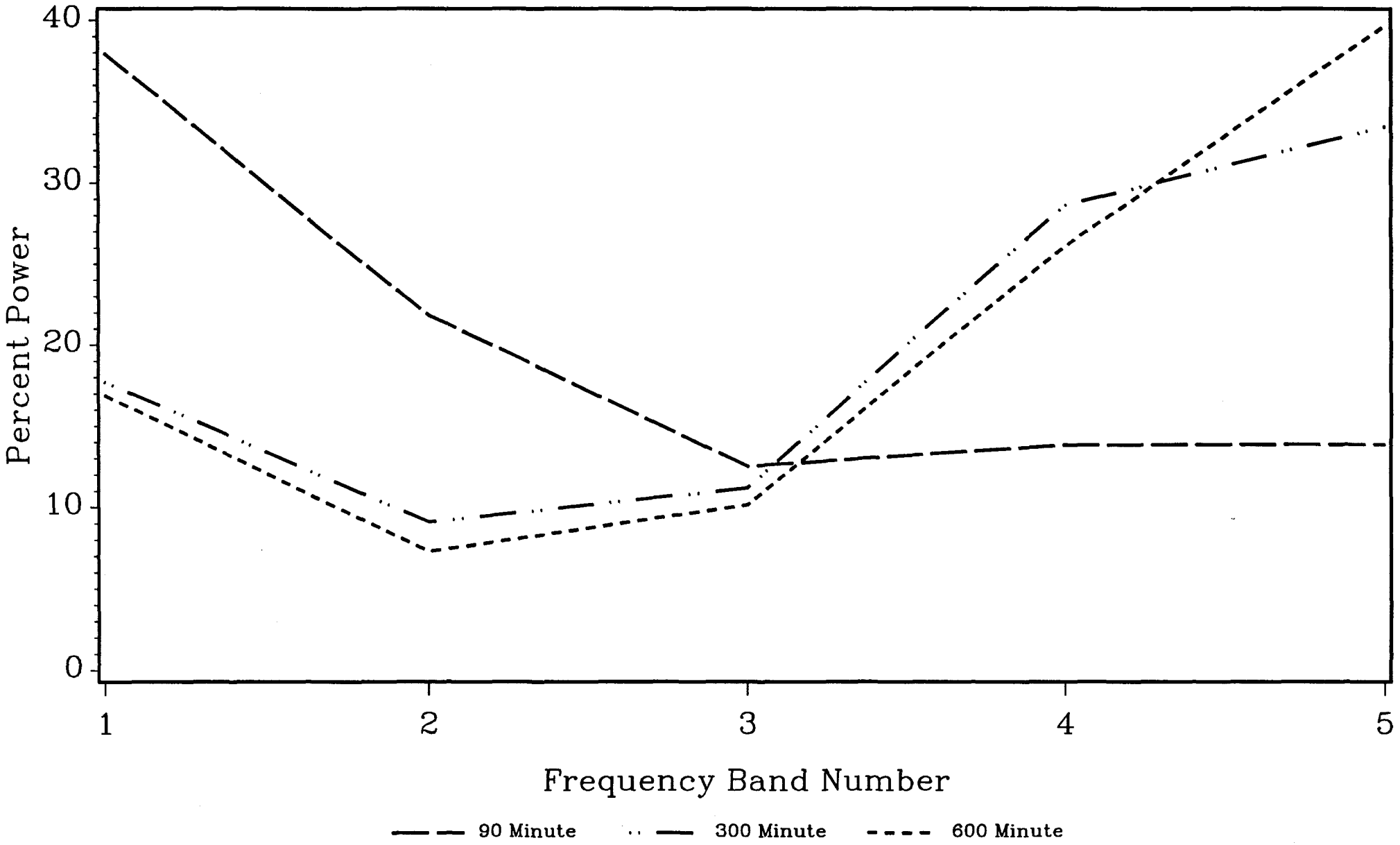
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.2 Channel=1



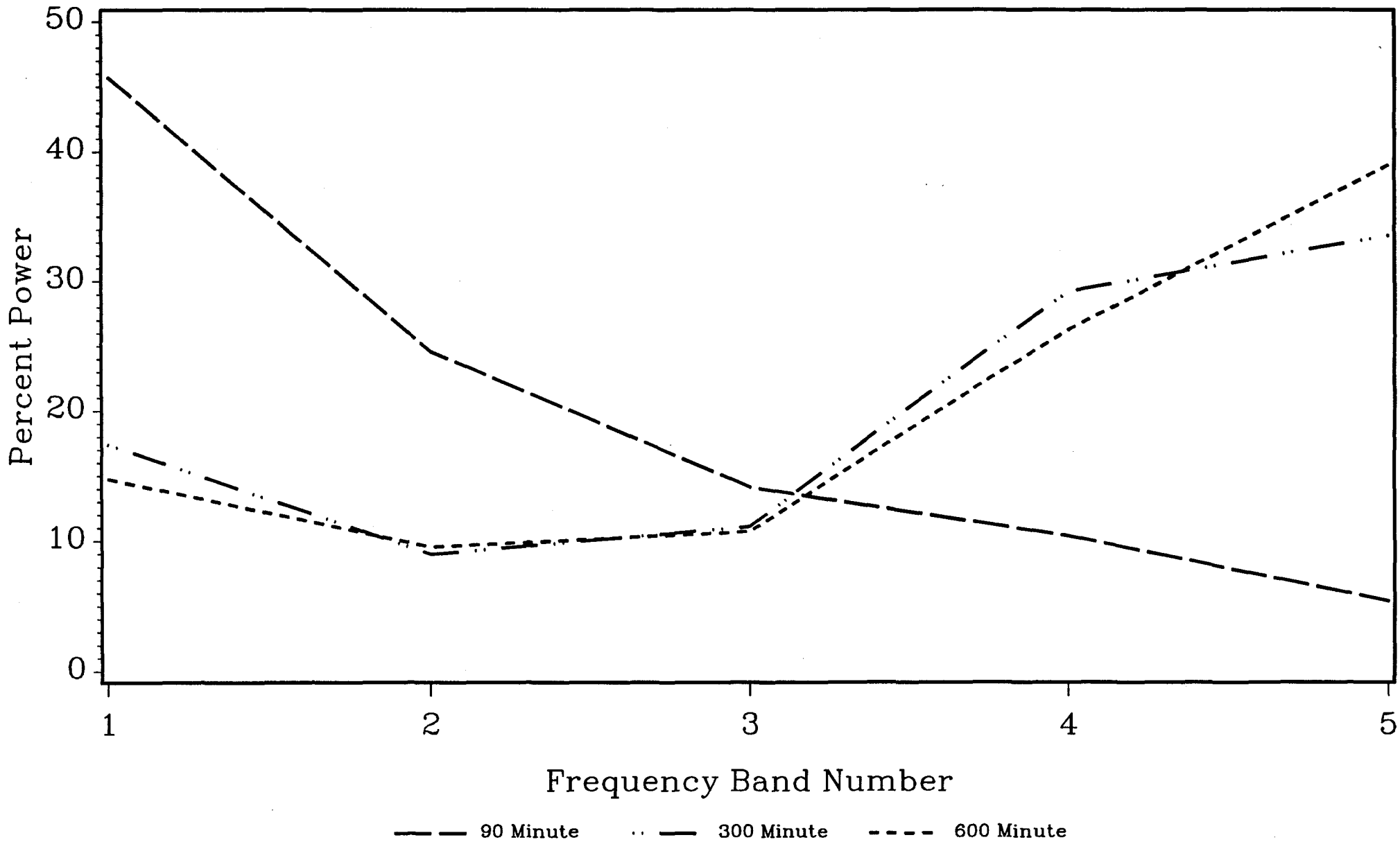
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.2 Channel=2



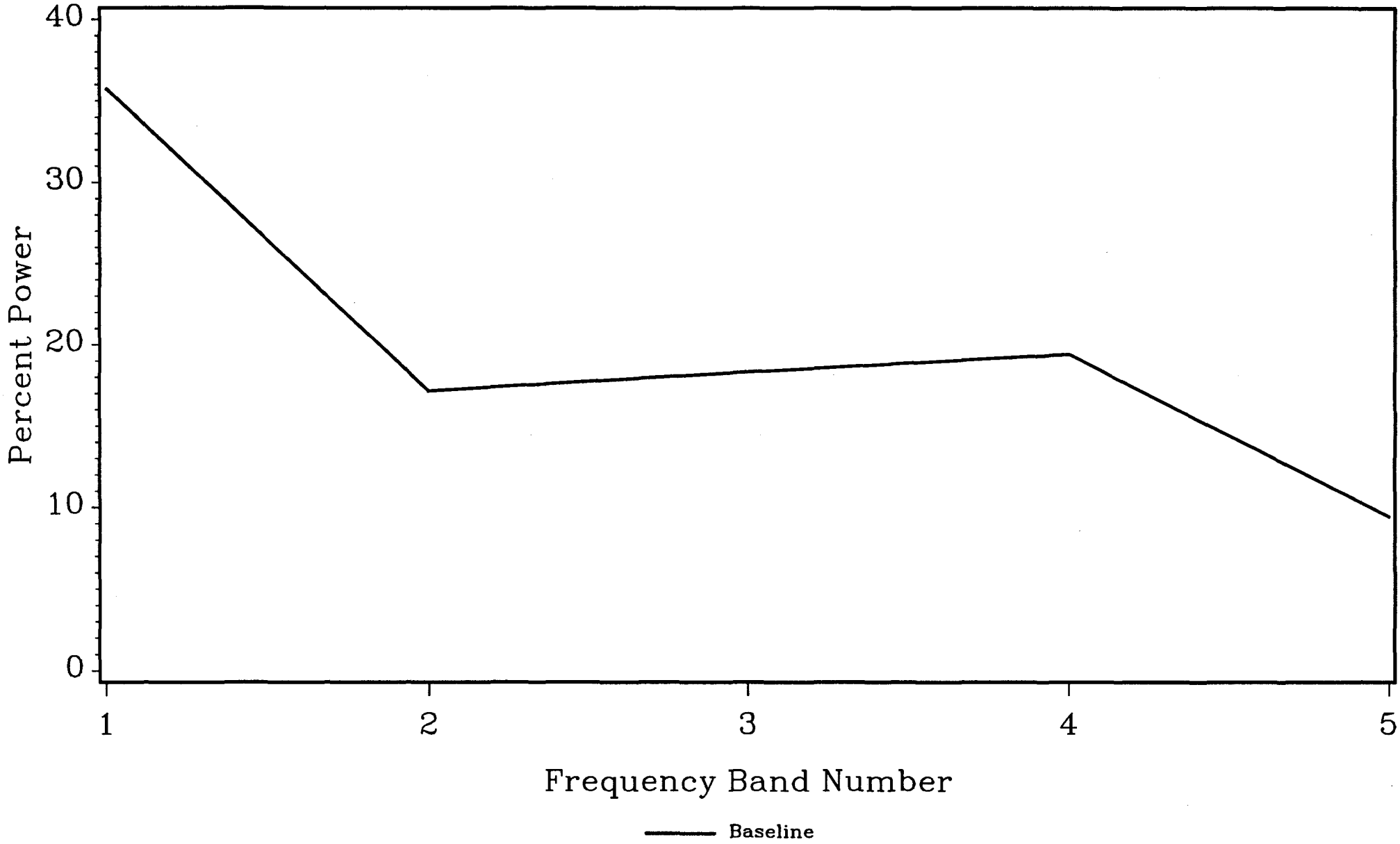
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.2 Channel=3



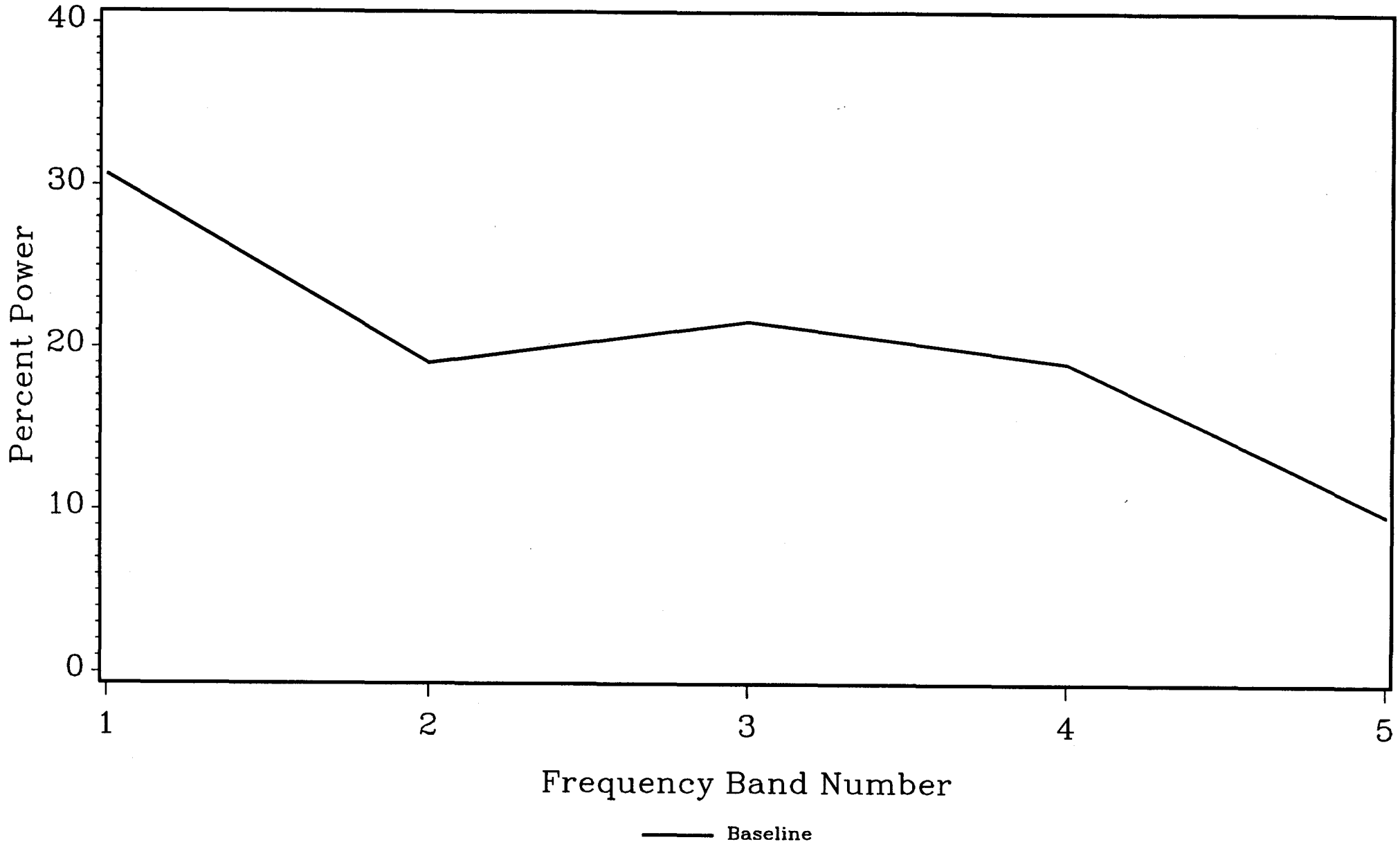
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.2 Channel=4



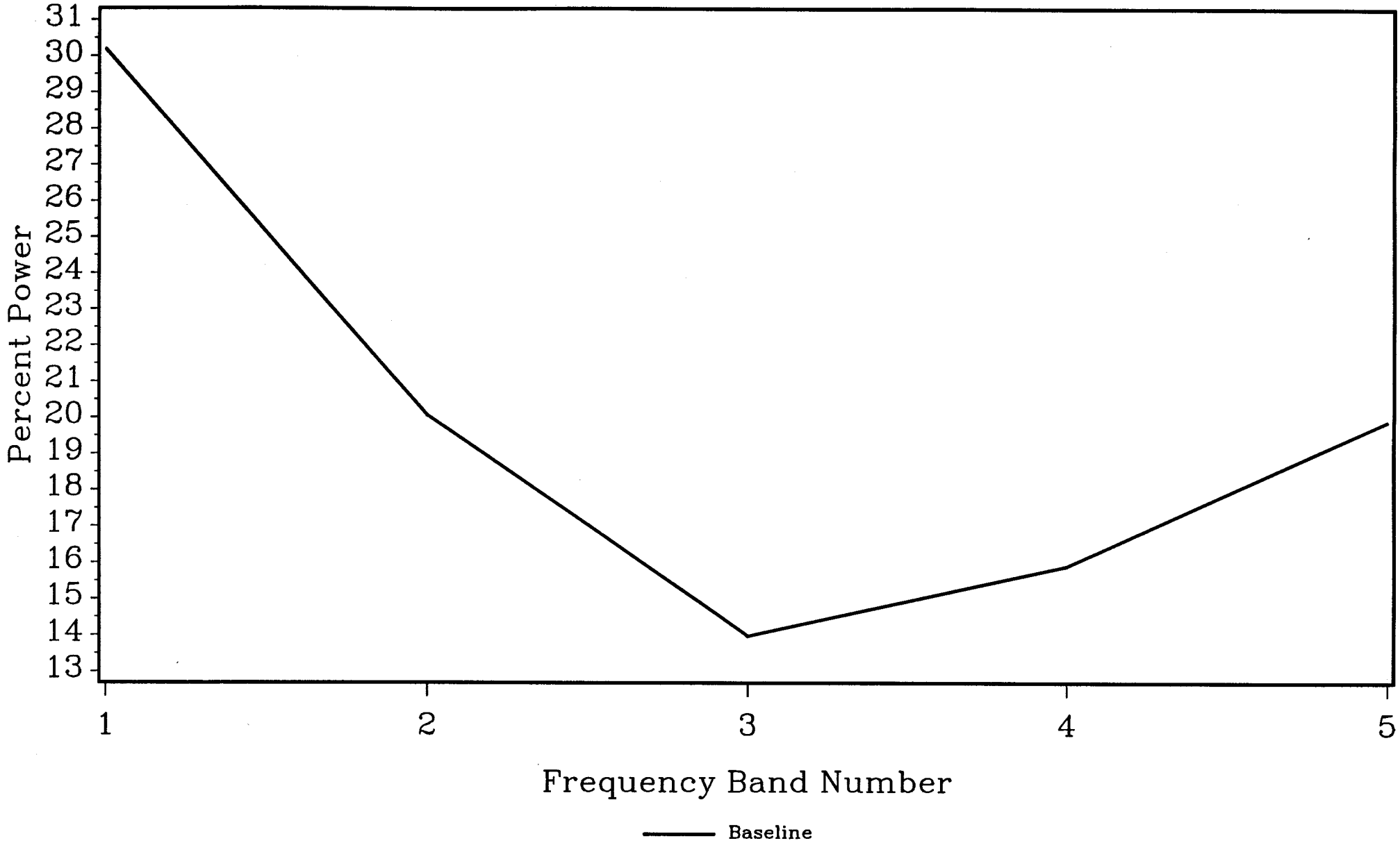
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.4 Channel=1



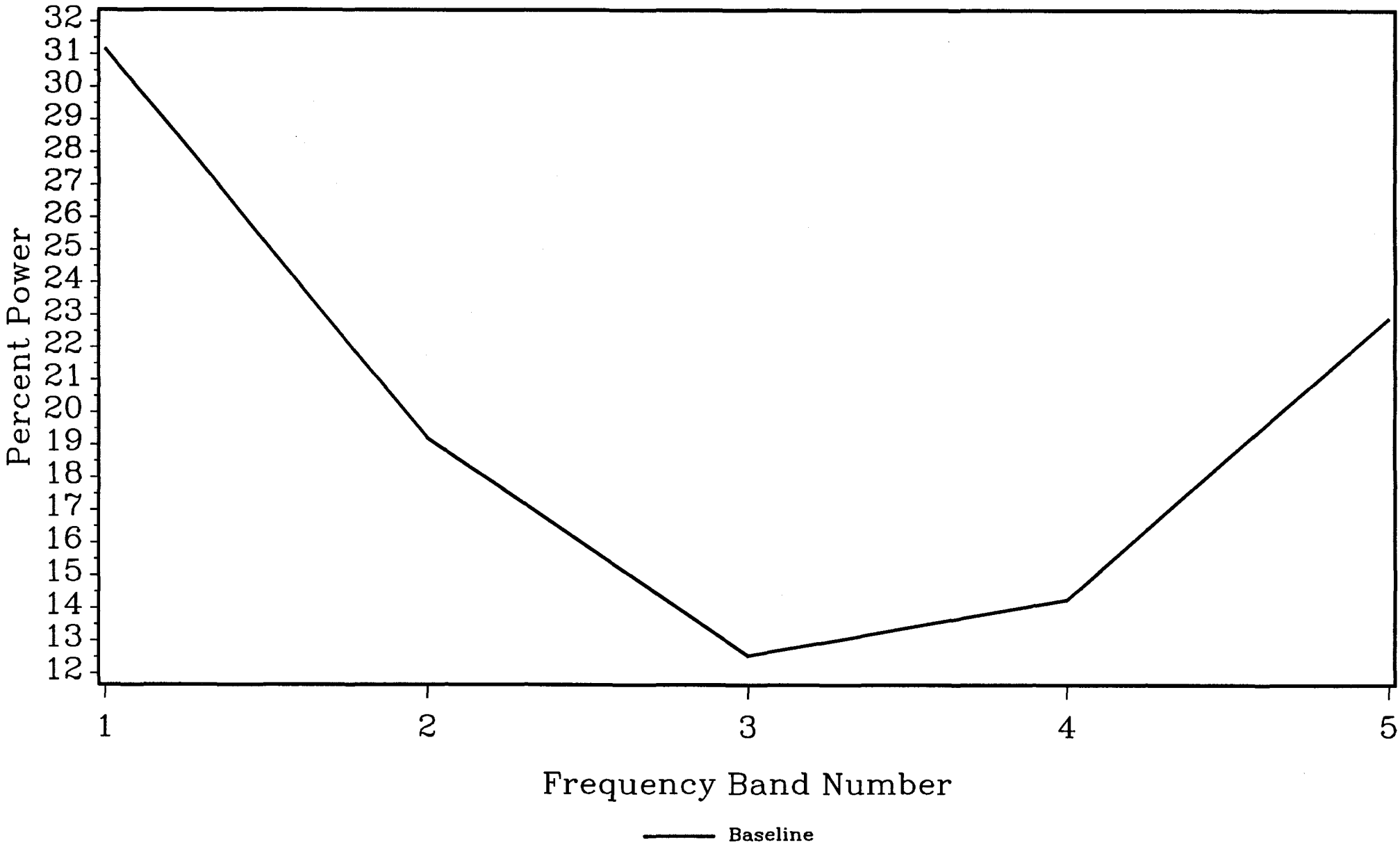
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.4 Channel=2



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.4 Channel=3

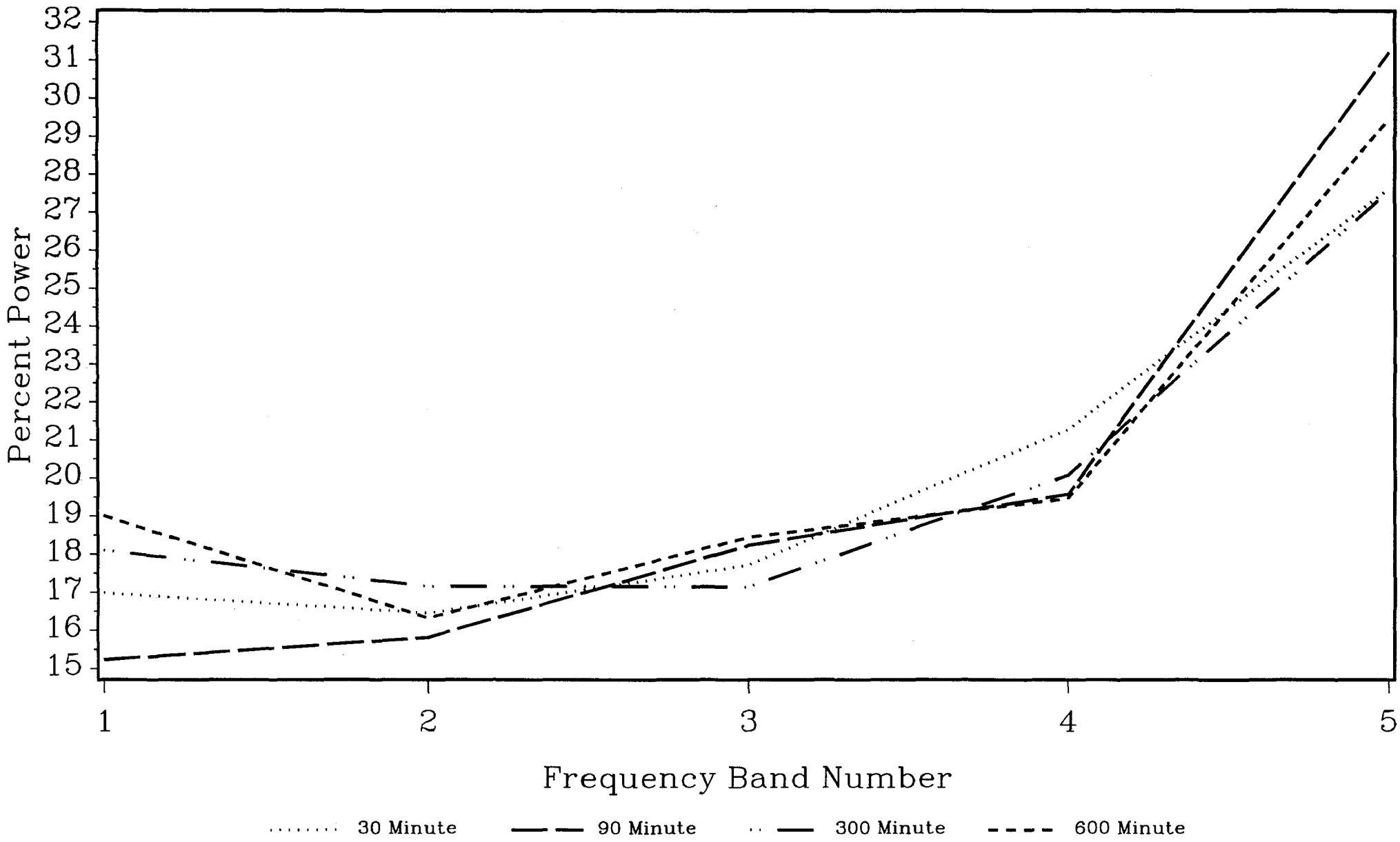


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=D345 Atropine Dose (mg/kg)=0.4 Channel=4

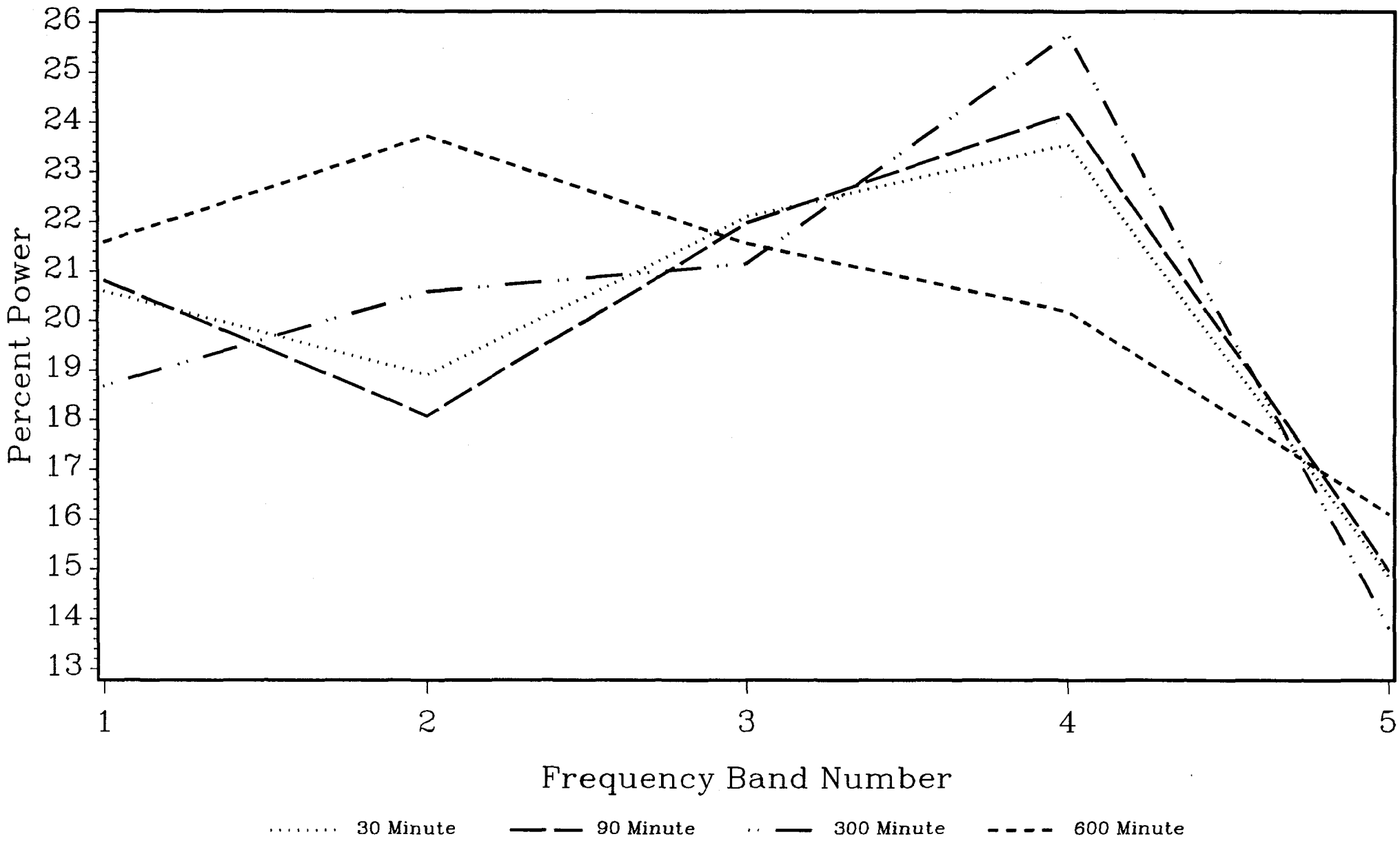


Animal E109

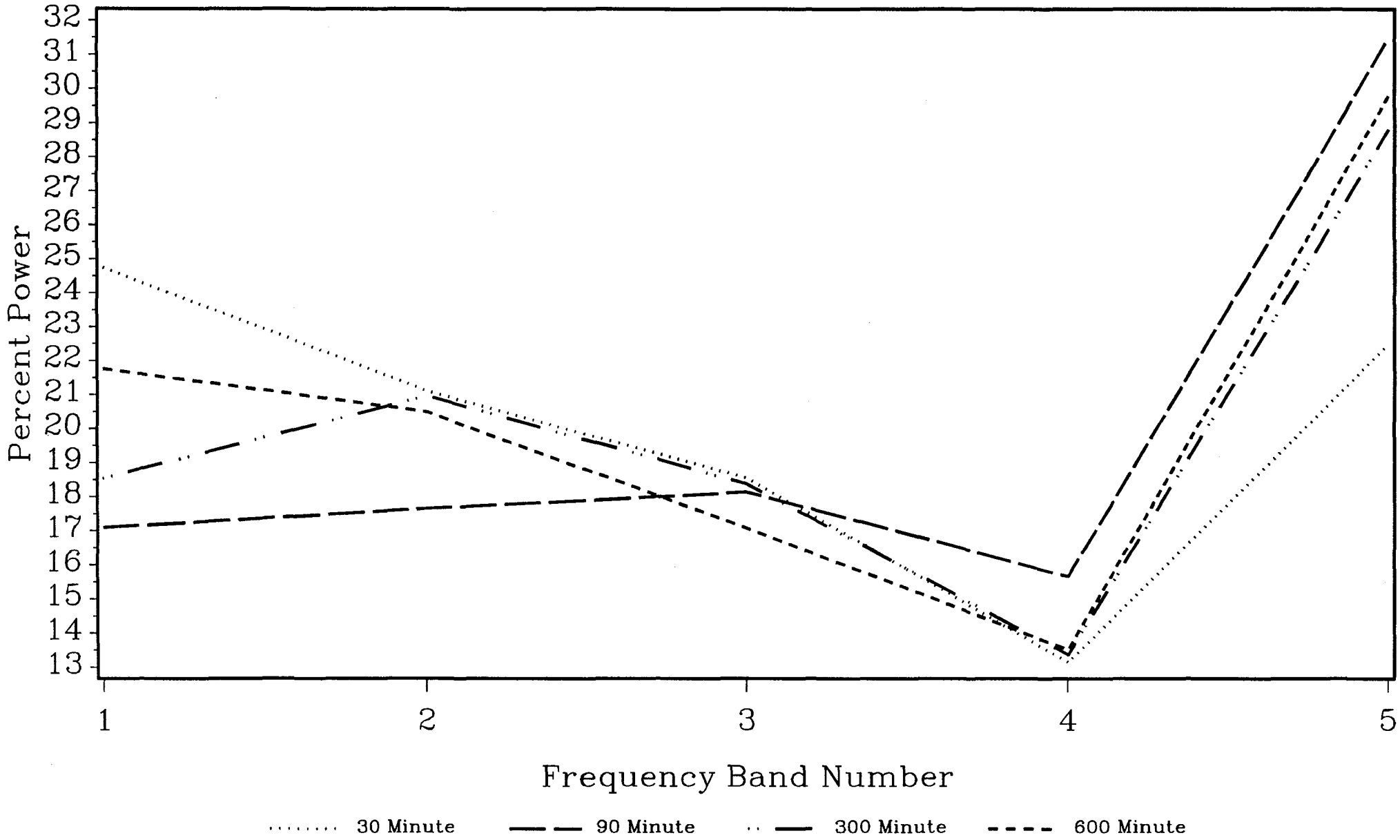
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.0 Channel=1



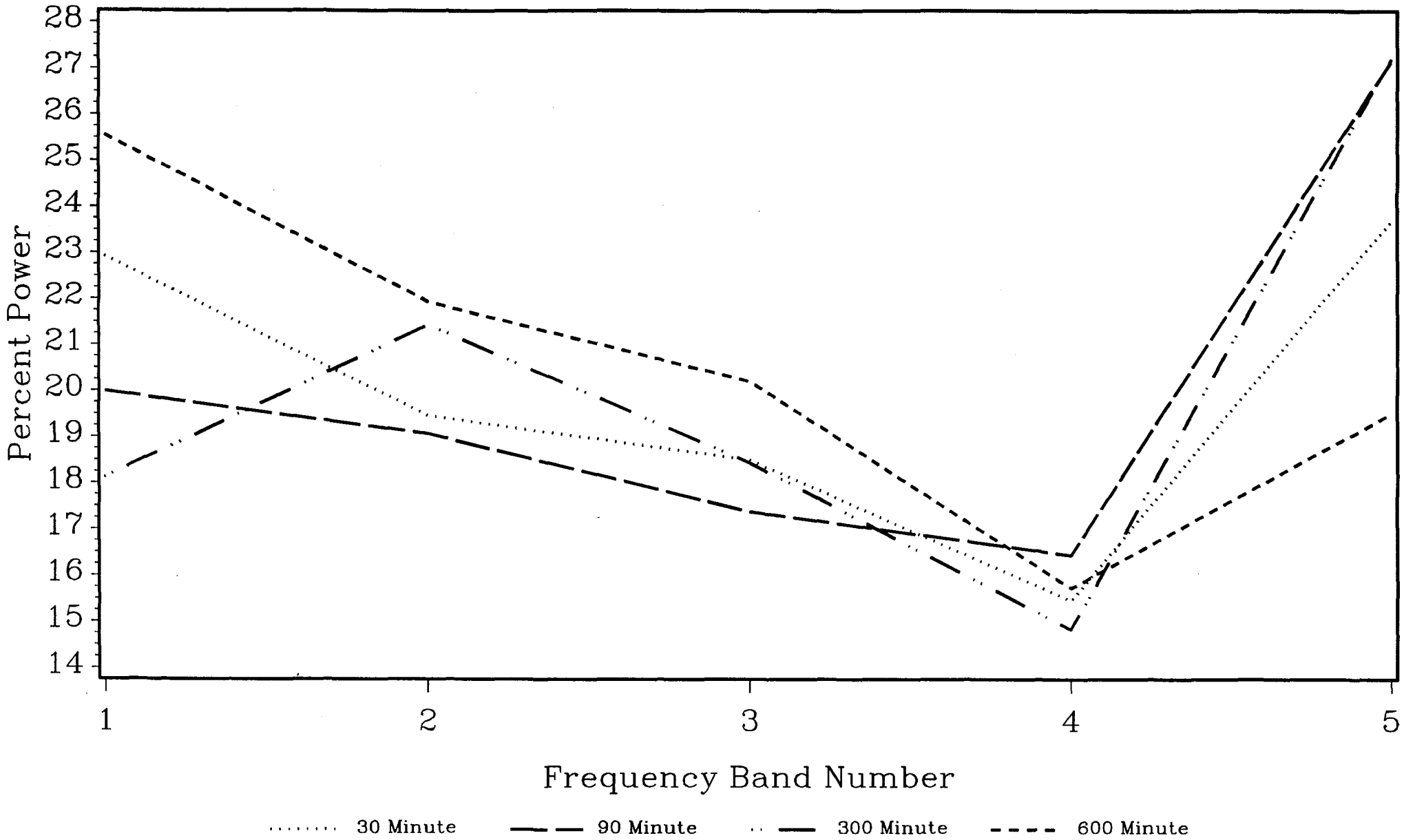
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.0 Channel=2



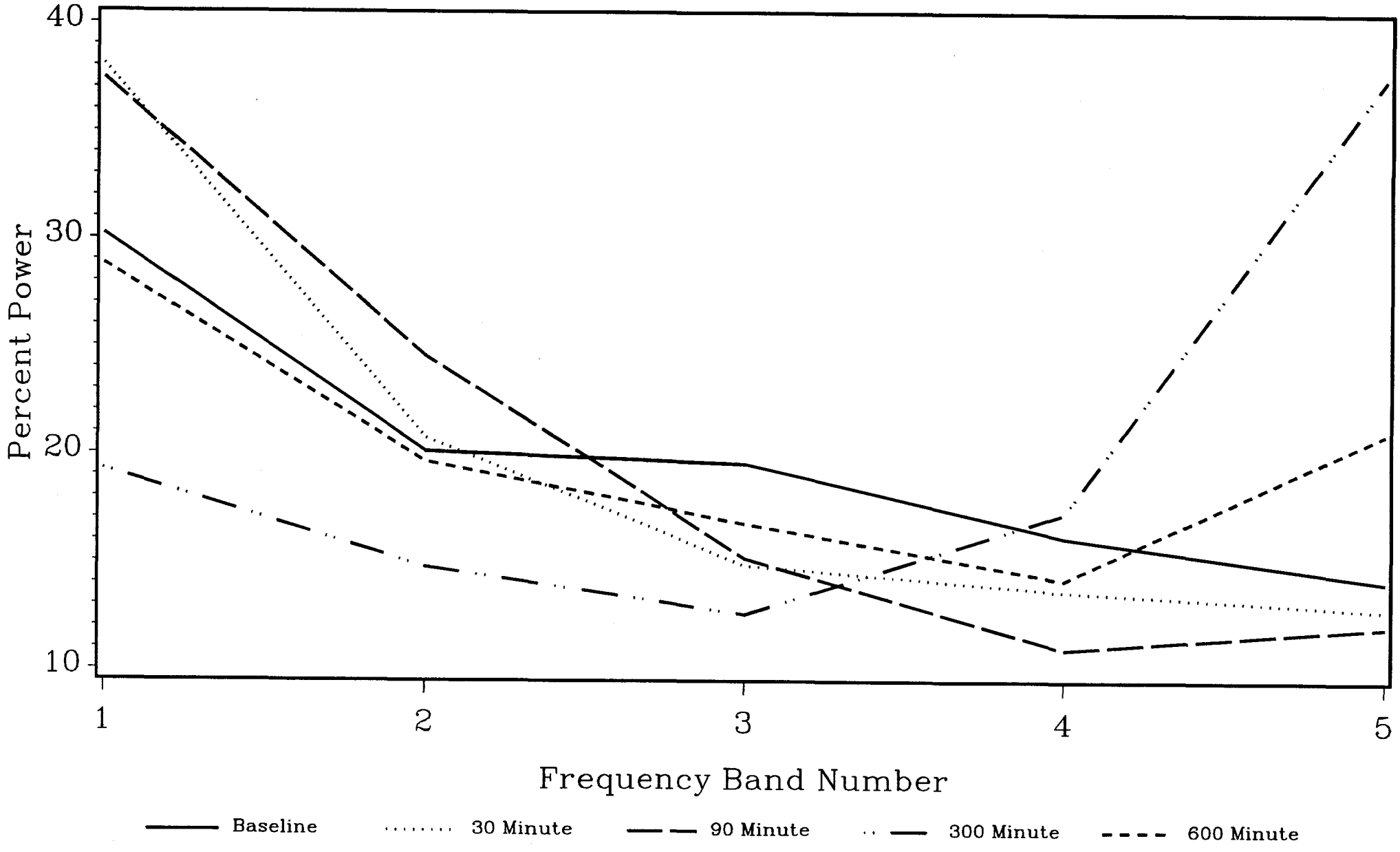
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.0 Channel=3



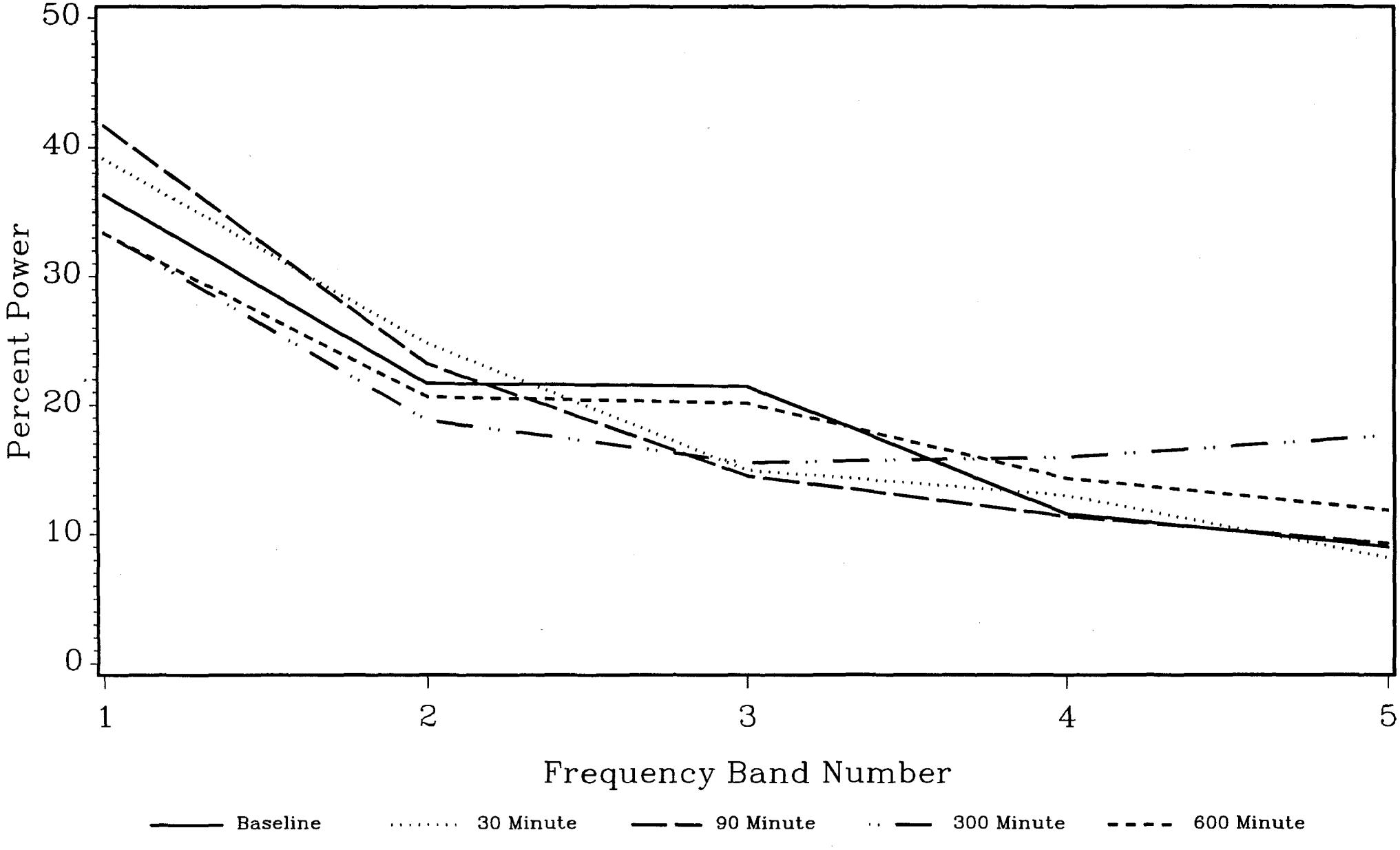
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.0 Channel=4



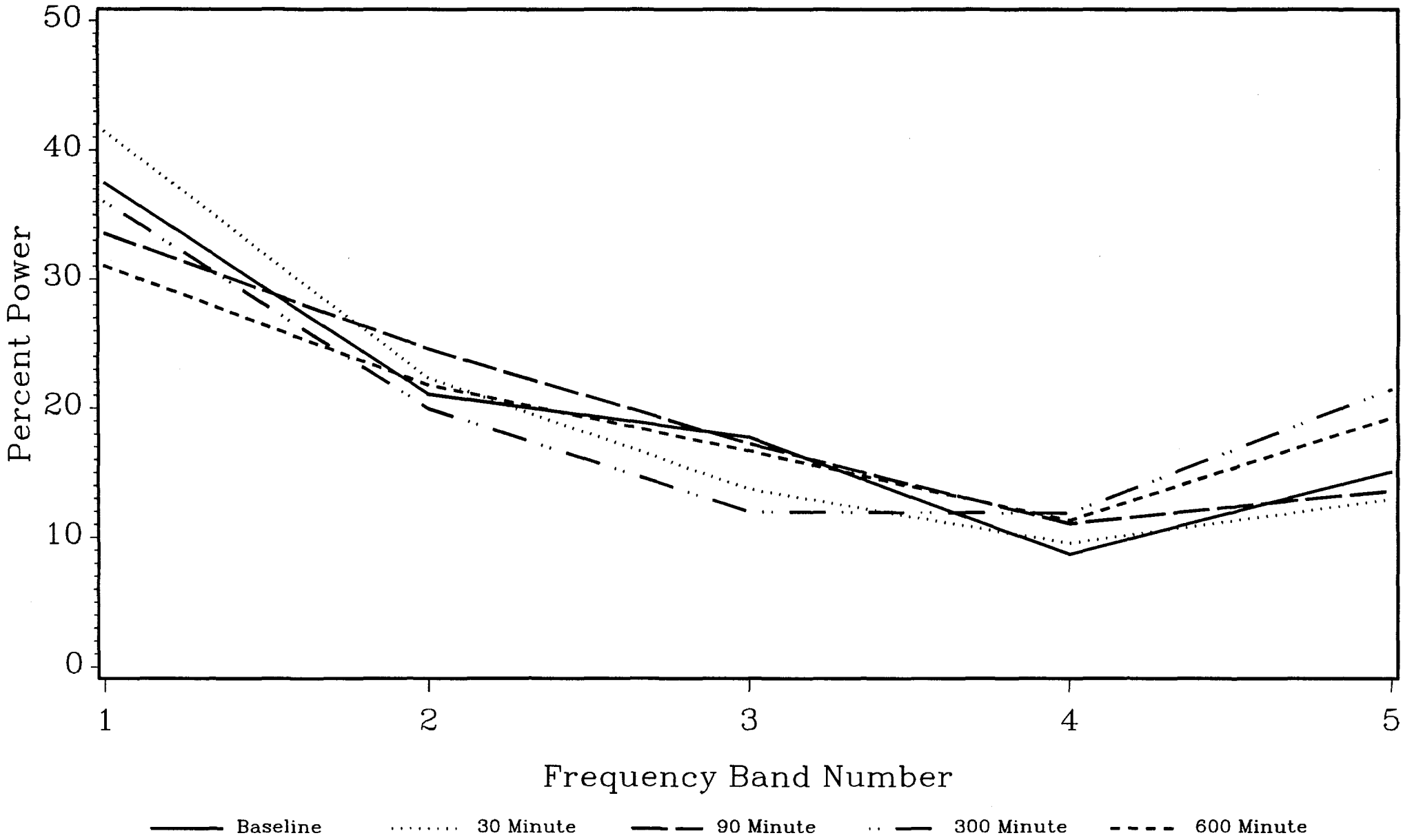
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.1 Channel=1



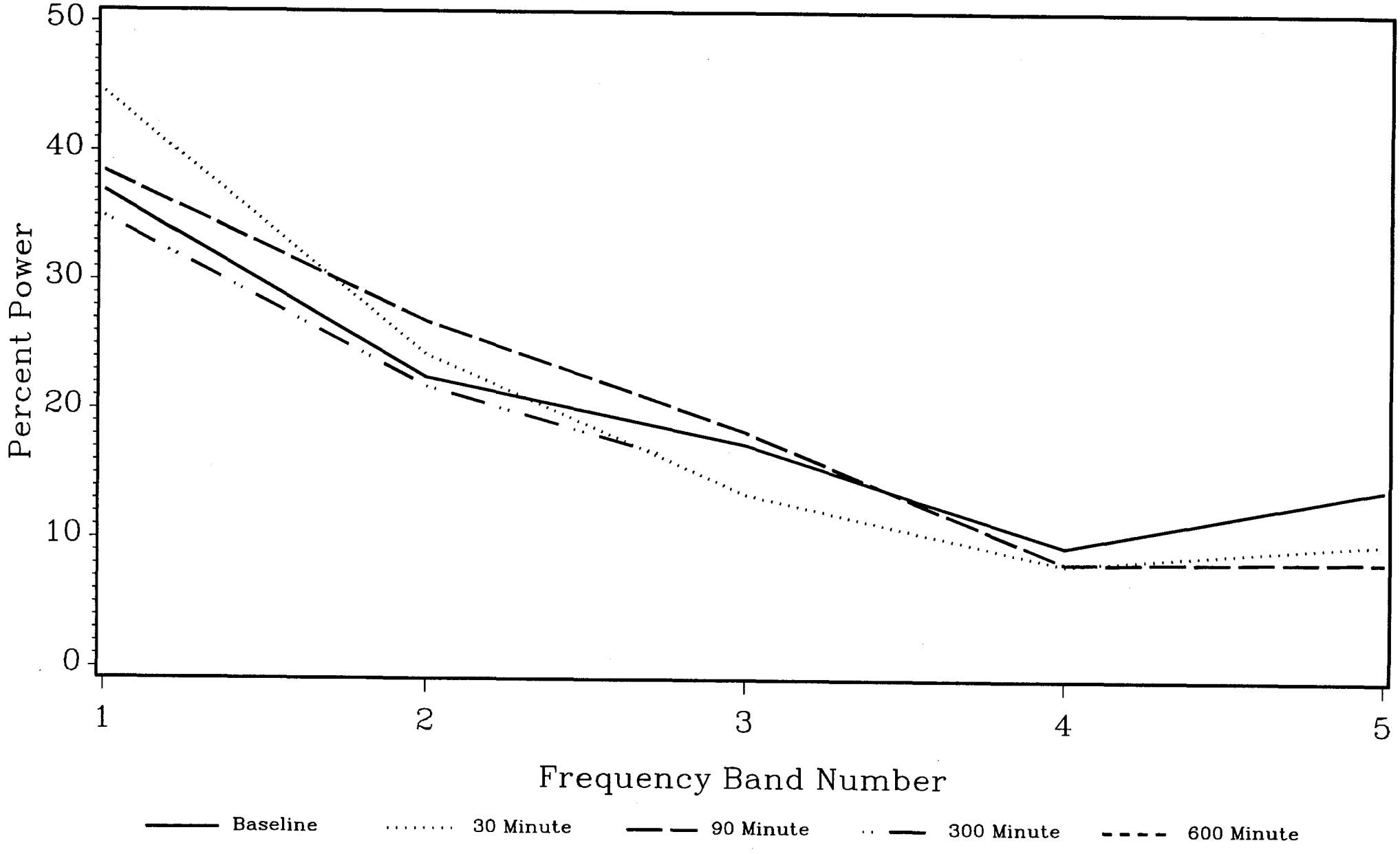
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.1 Channel=2



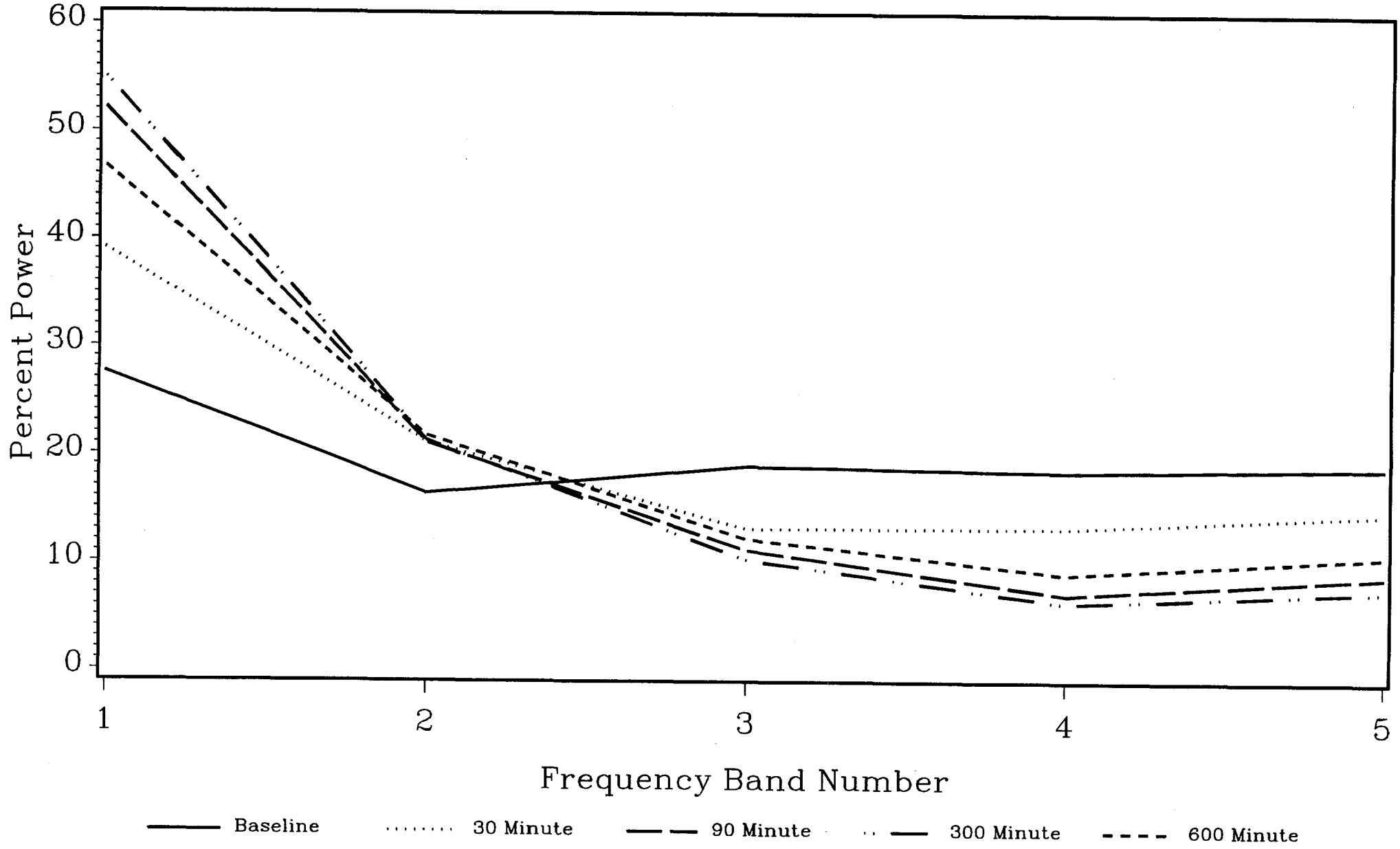
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.1 Channel=3



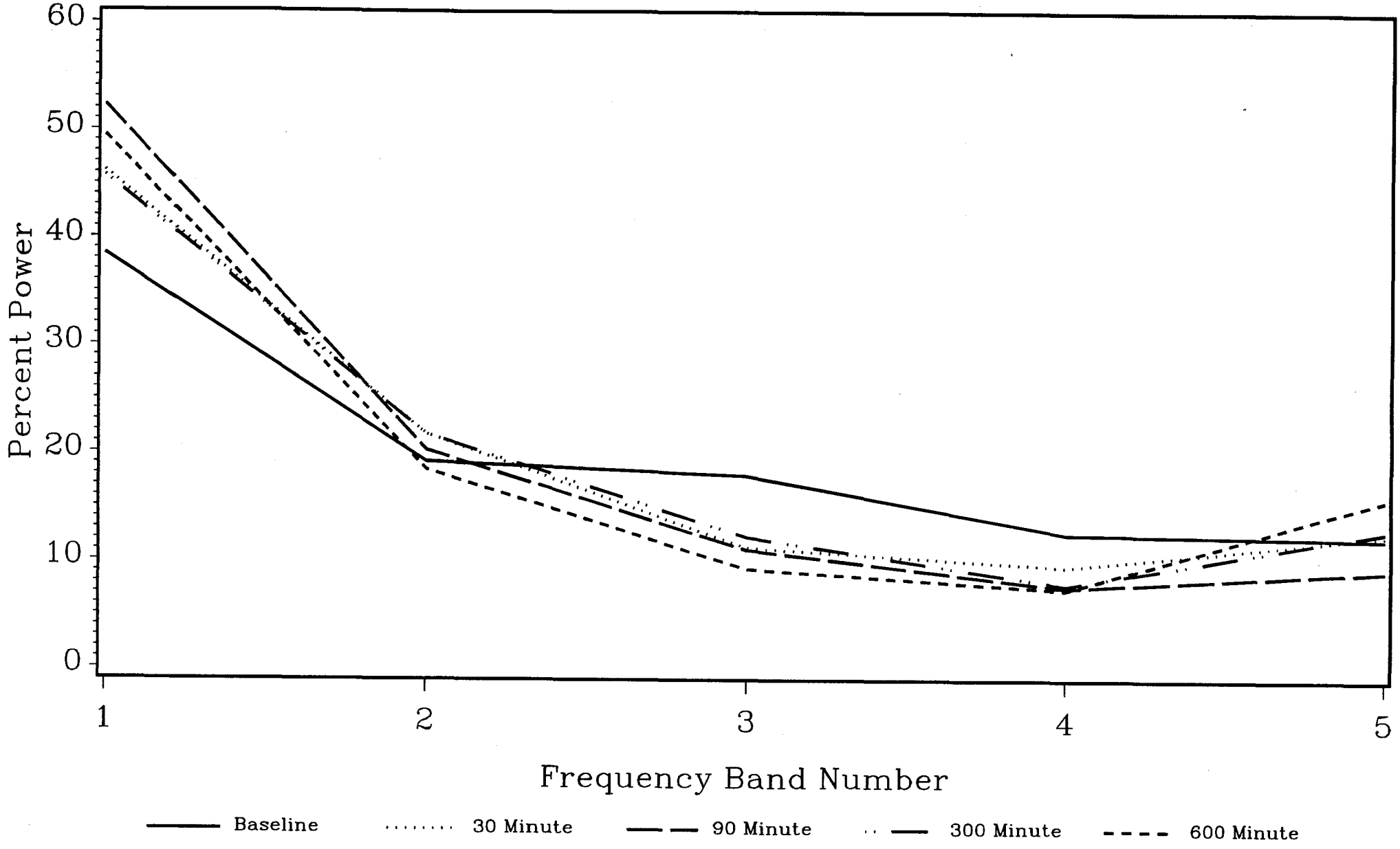
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.1 Channel=4



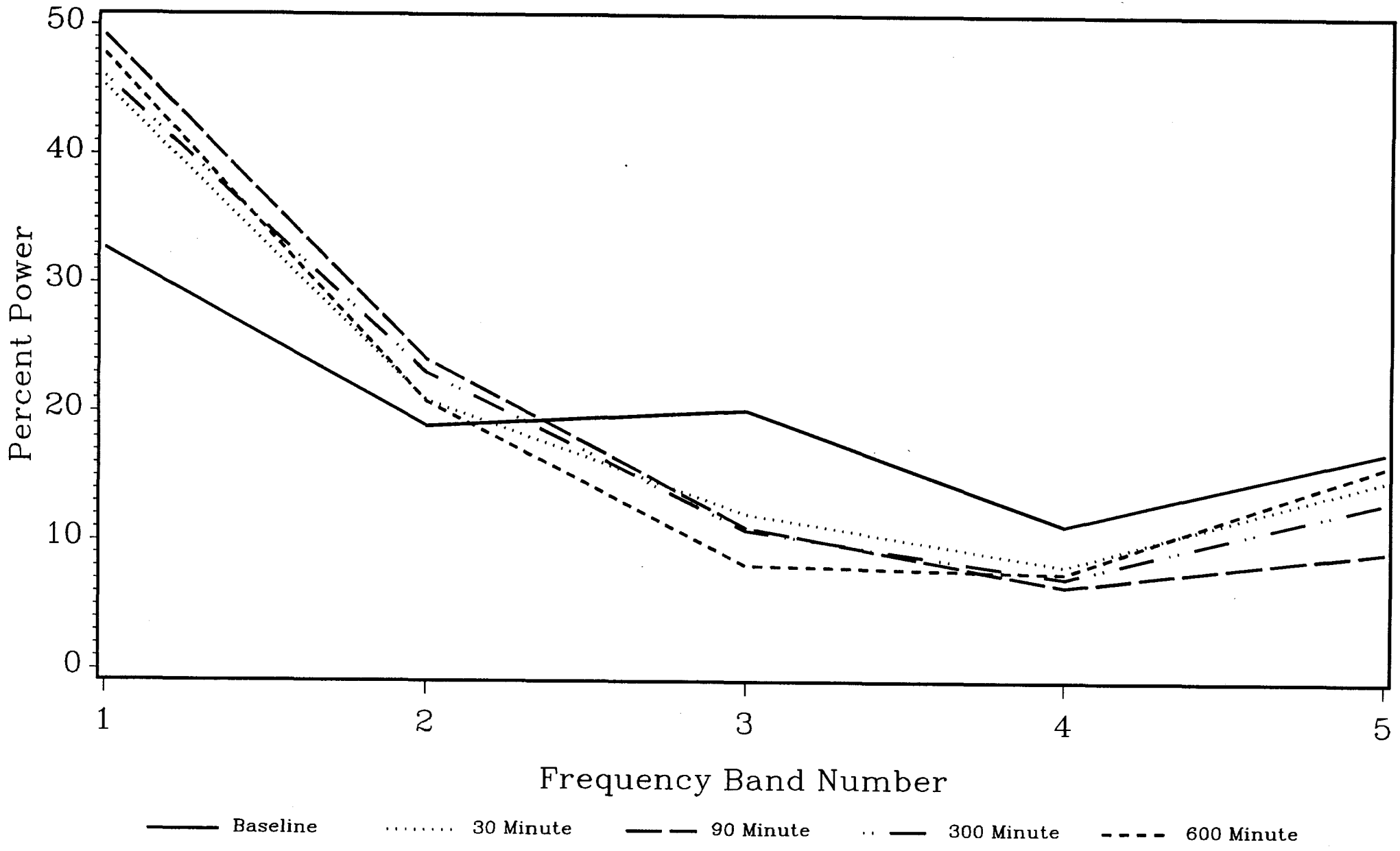
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.2 Channel=1



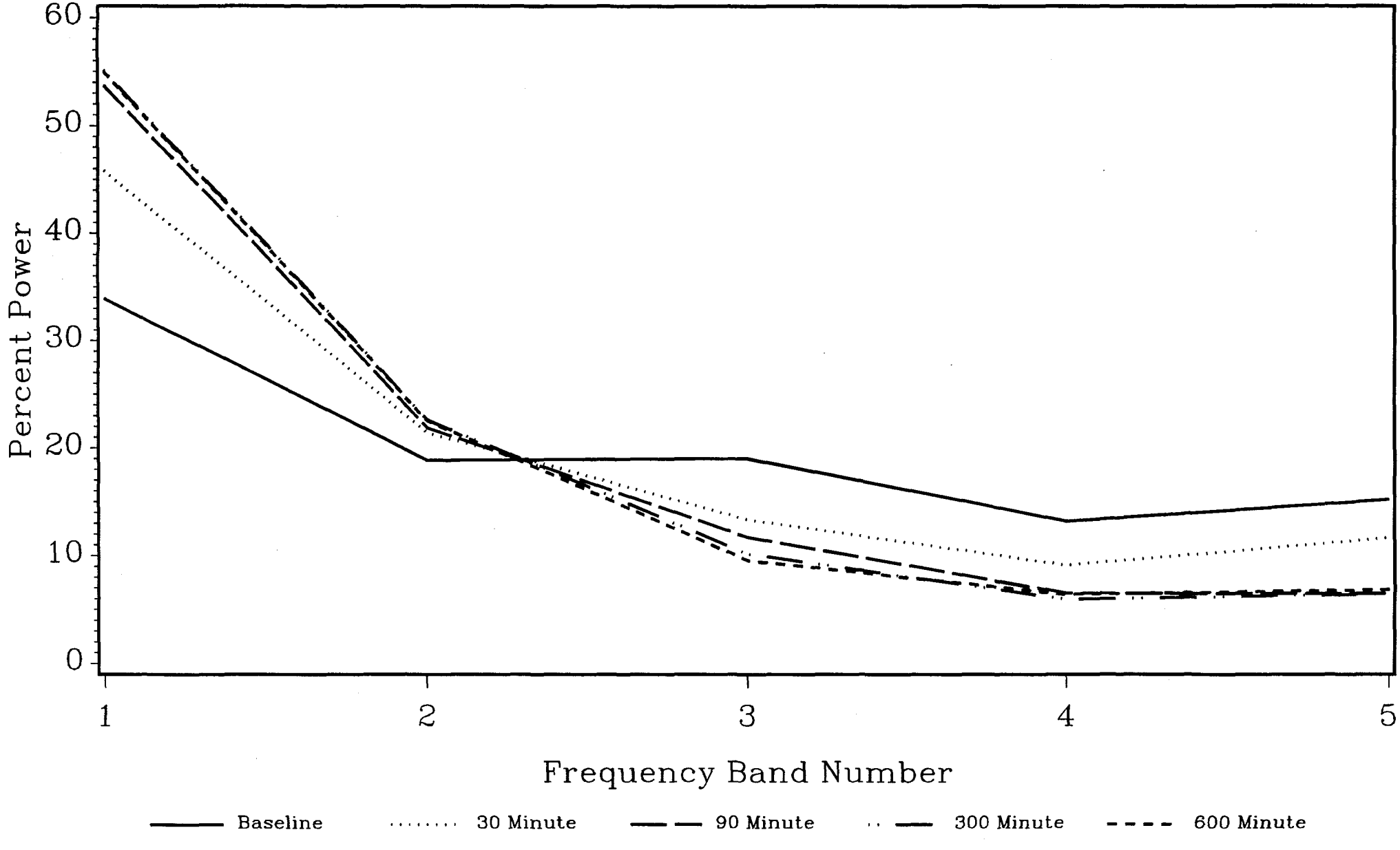
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.2 Channel=2



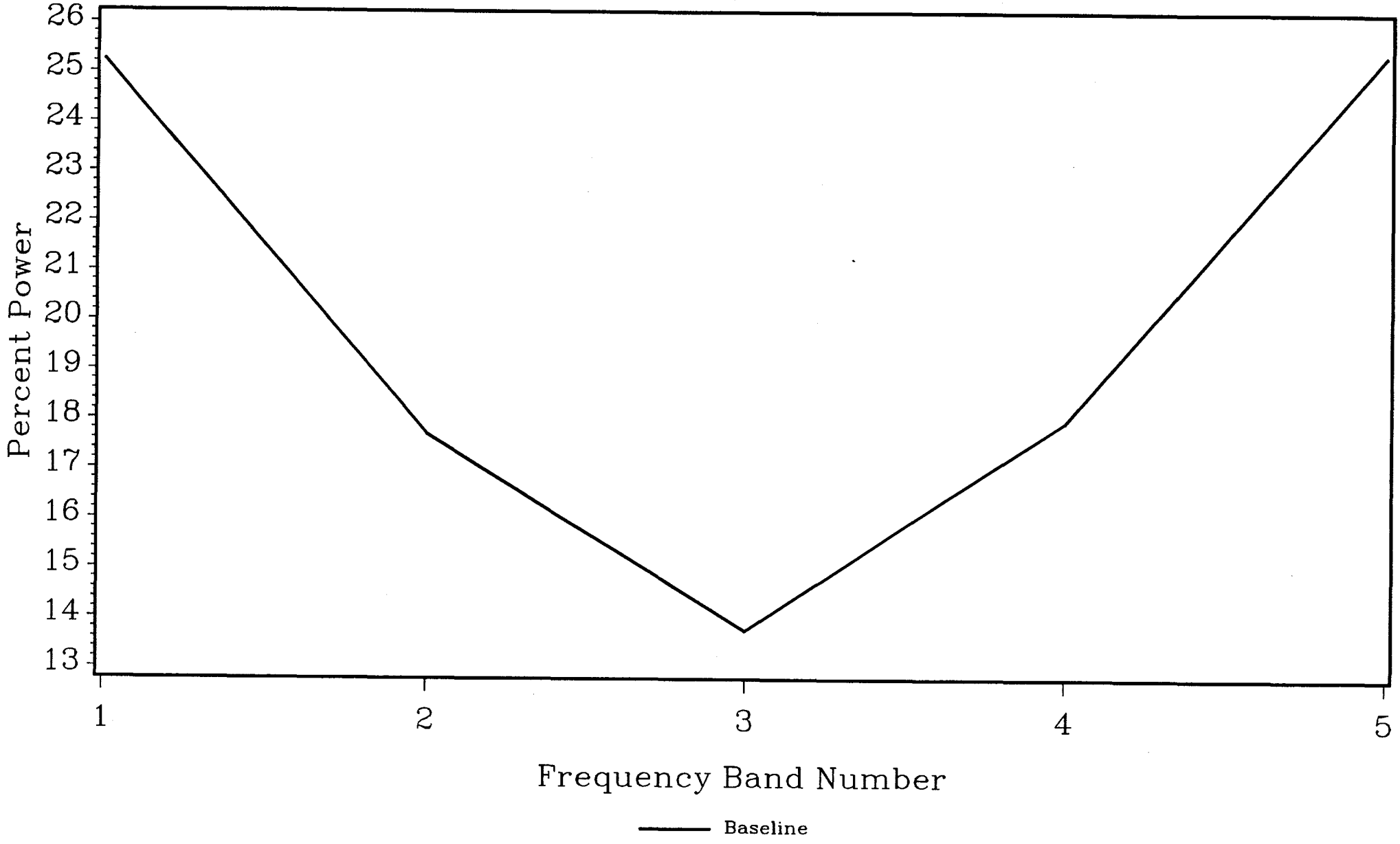
Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.2 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.2 Channel=4



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.4 Channel=1



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
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Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
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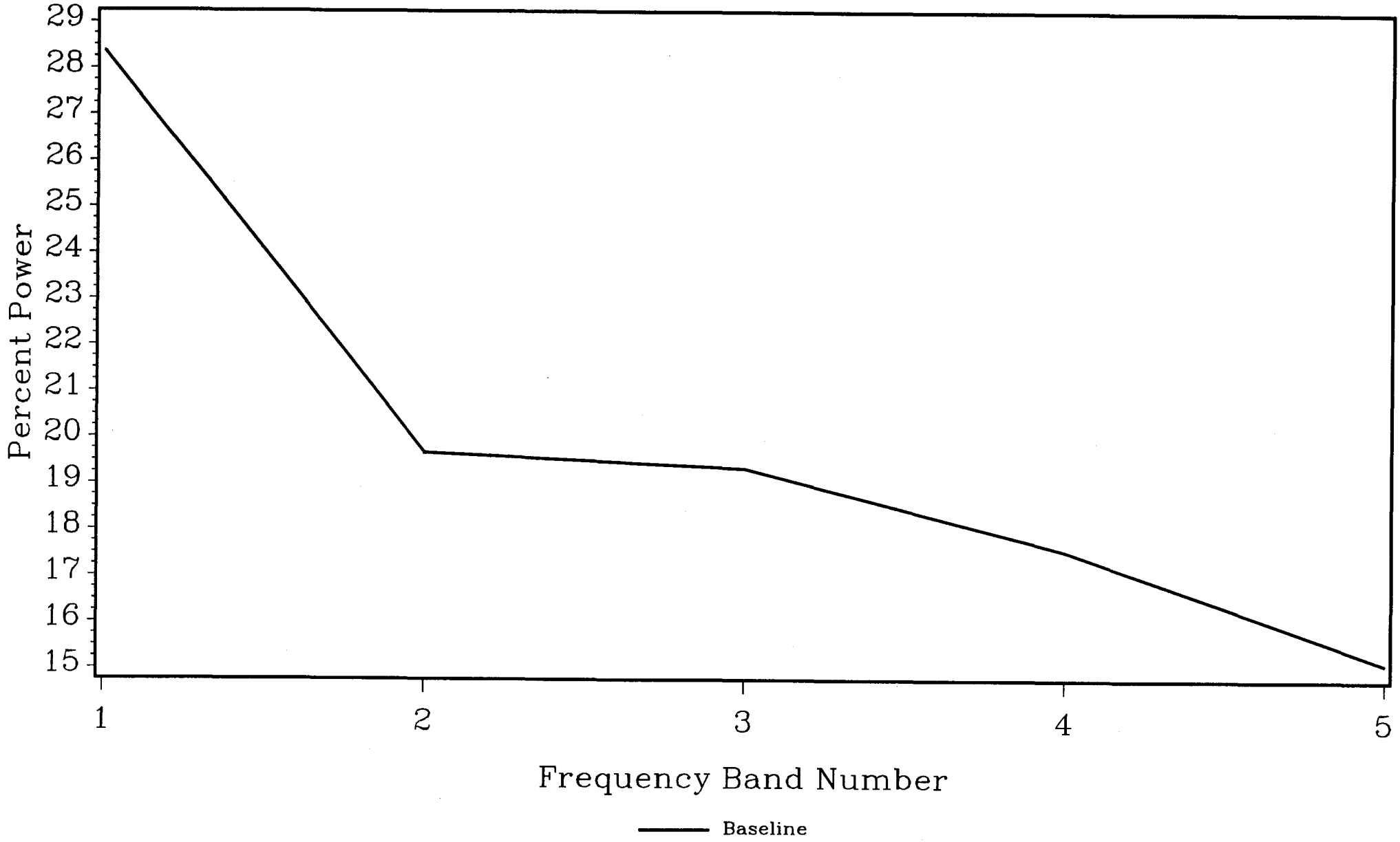
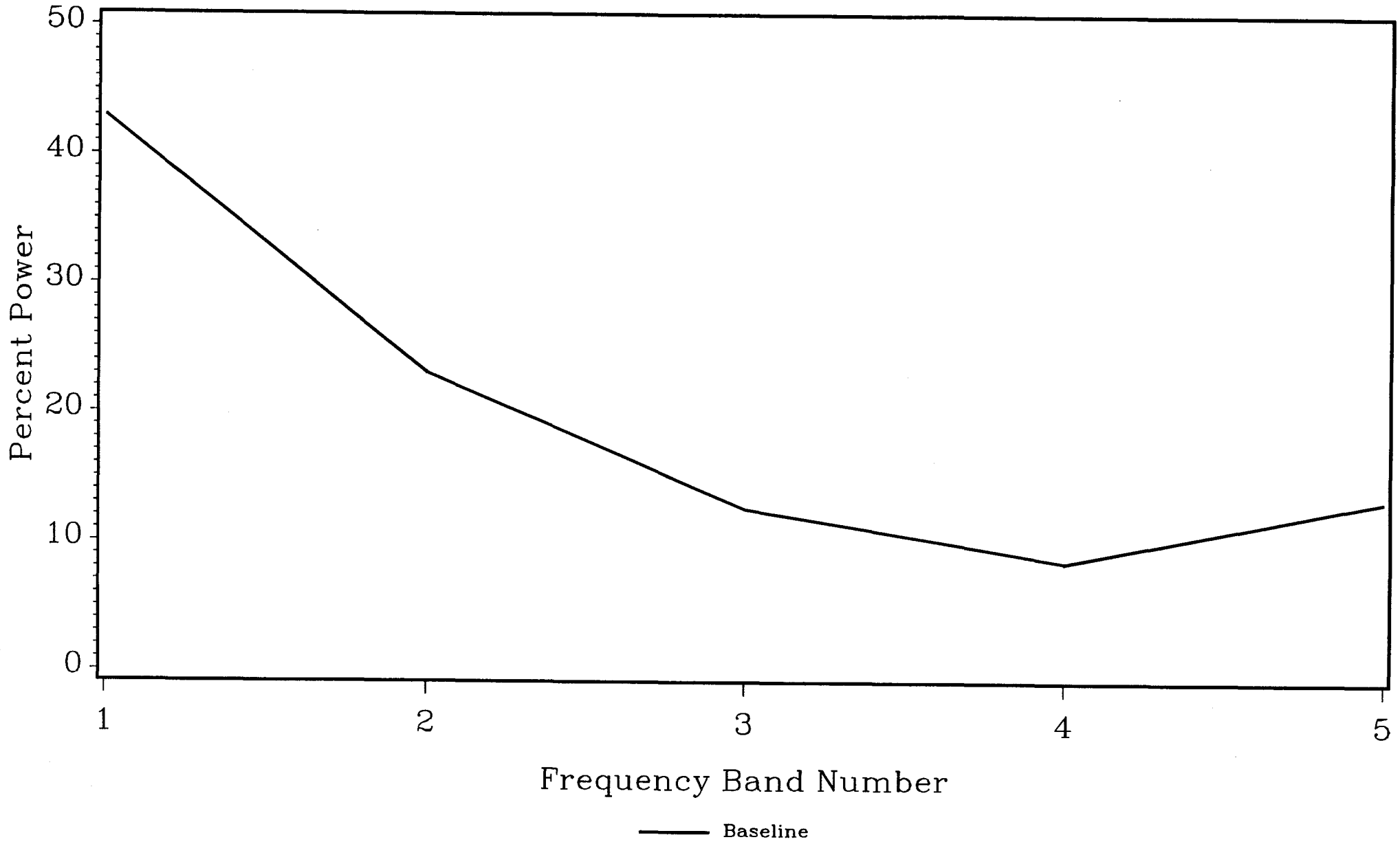
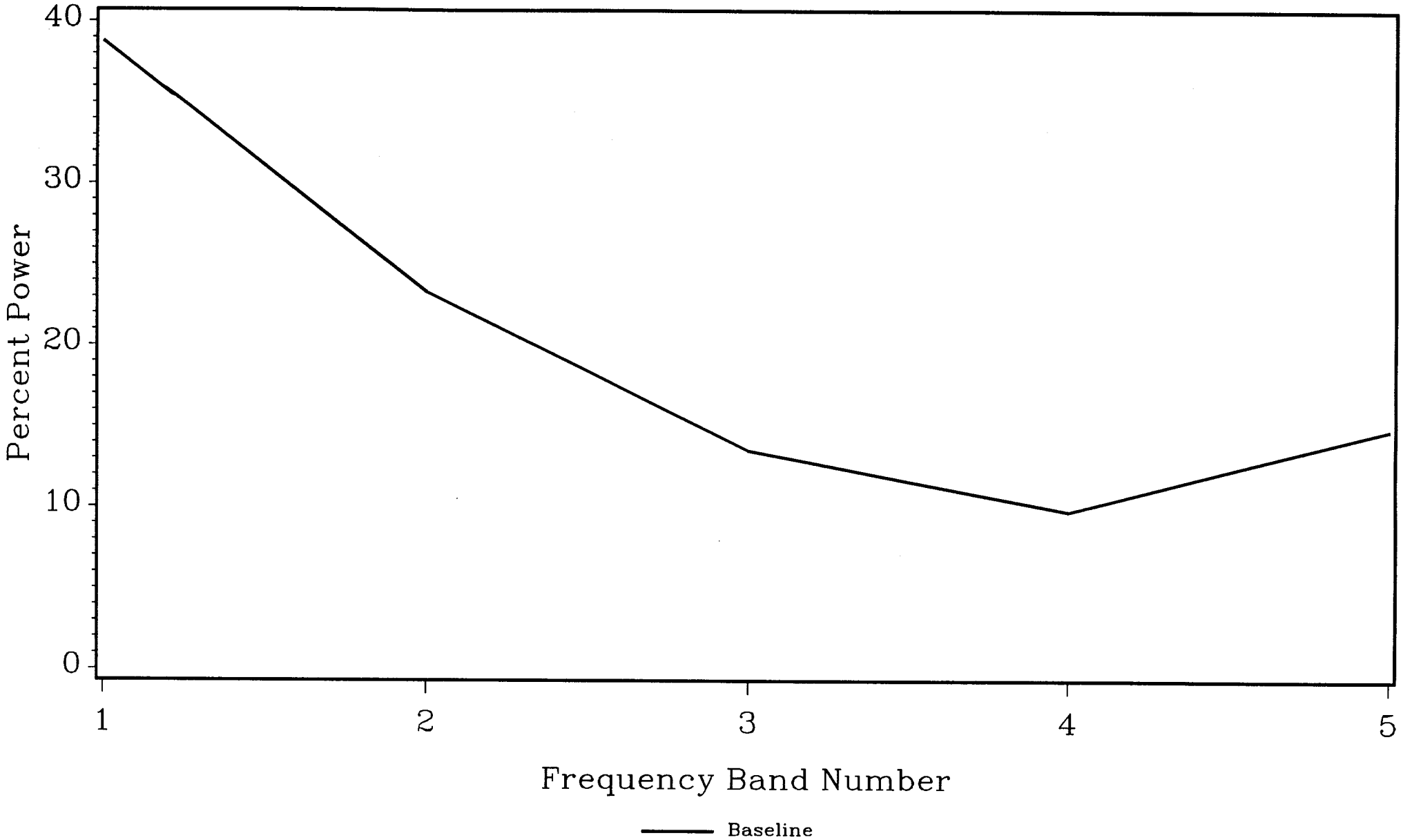


Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.4 Channel=3



Spectral Re-Analysis of EEG Waveforms in Rhesus Monkeys Exposed to Atropine
Task: 89-09
Plot of Percent Power vs Frequency Band Averaged Across All Sampling Windows
Animal ID=E109 Atropine Dose (mg/kg)=0.4 Channel=4