



Symptom and Performance Validity in Military Temporary Disability Retirement List (TDRL) Neuropsychological Evaluations



Vieira de Oliveira, Pedro¹ and Seegmiller, Robert A¹

INTRO

- The temporary disability retirement list (TDRL) was established to ensure fair compensation for disabling condition(s) that may change in severity over time and to prevent separation of those who may fully recover.
- This study evaluated the PVT and SVT failure rate and association between PVT and SVT failure for individuals on TDRL status.

METHODS

Participants

- Retrospective study of 101 individuals on TDRL status seen for a comprehensive neuropsychological evaluation with at least two PVTs at the Brooke Army Medical Center (BAMC).
- PVT failure = invalid performance on at least one stand alone PVT and one or more embedded or stand alone PVT.
- SVT failure = invalid performance on at least one SVT scale.

Analyses

- Descriptive statistics and Pearson's point Biserial correlations were conducted.

RESULTS

- 45% of the sample failed ≥ 2 PVTs.
- 44% of sample failed at least one SVT scale.
- There was a significant moderate correlation between PVT and SVT failure ($rpb=.35$, $p=.006$).

DISCUSSION

- The results of this study were similar to other disability evaluation settings where compensation may influence individuals' performance on validity measures.



Individuals on TDRL status fail PVTs and SVTs at a similar rate to individuals presenting for other types of disability evaluations.

Failure on two or more PVTs is moderately correlated with failure on at least one SVT scale.

ADDITIONAL DATA

- Most common reason for evaluation was a history of a mild traumatic brain injury (72% of sample)

PVTs

- Medical Symptom Validity Test
- Test of Memory Malingering
- Victoria Symptom Validity Test
- Dot Counting Test
- ACS Word Choice
- RBANS effort Index
- WAIS-IV Reliable Digit Span
- CVLT-II Forced Choice

SVTs

- MMPI-2 scales F, Fb, Fp, FBS, RBS
- MMPI-2-RF scales F-r, Fp-r, FBS-r, RBS
- PAI Negative Impression Management scale

Sample Demographics

- Male (96%)
- Age ≤ 45 (90%)
- High school education $\geq 62\%$