

Examiner/Psychomotor Vigilance Task (PVT)

EXAMINER

- 1. Flanker**
- 2. Set Switching**
- 3. Continuous performance**
- 4. Saccades**

References: Kramer, J. H., Mungas, D., Possin, K. L., Rankin, K. P., Boxer, A. L., Rosen, H. J., Bostrom, A., Sinha, L., Berhel, A., & Widmeyer, M. (2014). NIH EXAMINER: Conceptualization and development of an executive function battery. *J Int Neuropsychol Soc.*, *20*(1), 11-9. doi: 10.1017/S1355617713001094. PubMed PMID: 24103232.

Psychomotor Vigilance Task (PVT)

References: Tucker, A. M., Basner, R. C., Stern, Y., & Rakitin, B. C. (2009). The variable response-stimulus interval effect and sleep deprivation: An unexplored aspect of psychomotor vigilance task performance. *SLEEP*, *32*(10), 1393-5. doi: 10.1093/sleep/32.10.1393. PubMed PMID: 19848367.

Dinges, D. F., & Powell, J. W. (1985). Microcomputer analyses of performance on a portable simple visual RT task during sustained operations. *Behav Res Methods Instrum Comput.*, *17*, 652-655.