

Precision in neuropsychology

Four challenges when using simplified assumptions

Cognition comprises all thought processes, from perception to memory. Neuropsychological testing is the gold standard (= best way) to measure cognition. However, clinical assessment may at times have to rely on simplified assumptions. This work addresses potential risks of four such assumptions through neuropsychological tests and statistical analysis. All four assumptions described here save time at the cost of precision. In the greatest need for precision, (e.g. for detection of gradual change before manifest loss), considering findings described here will improve neuropsychological assessments.



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