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Computerized Battery of Cognitive and Emotional Assessments with Normative Benchmarking

Researchers at Stanford have developed a computerized battery of behavioral/cognitive tests that measure domains including sustained attention, working memory, inhibition, memory, executive function, and emotion processing.

Through standardized, self-administered tasks, participants respond to visual and auditory stimuli that probe each domain. The battery generates accuracy and reaction-time outputs that can be benchmarked against an extensive normative database. Its unique combination of tests, paired with this database, makes it a valuable tool for researchers and clinicians to objectively characterize behavior, diagnose patients, guide treatment, and conduct research.

Applications

- Diagnostic tool for cognitive and emotional disorders
- Decision-support tool for treatment selection and monitoring
- Research tool for cognitive and emotional profiling across populations

Advantages

- Unique combination of tests in a single battery
- Extensive normative database for demographically matched benchmarking

Innovators

- John Leikauf
- Leanne Williams

Licensing Contact

Imelda Oropeza

Senior Licensing Manager, Physical Sciences

Email