CAMCI®-Research
Computer Assessment of Memory and Cognitive Impairment
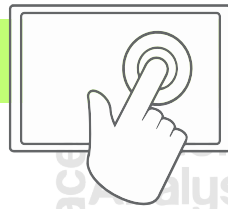
A customizable battery of computerized tasks to assess cognitive performance

Design - Select and arrange CAMCI-Research tasks to design test protocols

Interact - Software runs on a Microsoft Surface using your finger or stylus for input

Collect - Subjects complete tasks at their own pace; no direct supervision required

Analyze - Accuracy and response time measures automatically logged for each task

Report - Report is immediately available comparing performance to normative data

Customize to fit your needs

Streamline your research

Accurately assess cognitive performance using standard neuropsychological tests of memory, attention, and executive ability modified for computer administration. Plus – an innovative Virtual Environment task tests domains, such as incidental memory, not easily assessed using paper-pencil tests. Computer-administered tasks ensure standard administration and scoring, avoiding inter-site and inter-examiner variability.

Features and benefits

• Select and reorder tasks to fit your project's needs
• Create and run multiple protocols within a single project
• Add user-defined session variables
• Computer-administered tasks completed at the subject's own pace
• Testing requires little to no examiner supervision
• Automatic logging and scoring of accuracy and response time measures per task
• Immediate report availability; compare results to normative data
• View or edit test session results; merge data sets for analysis
• Security preferences for viewing or accessing data

Immediate reporting!

Results are available immediately following each test session, including comparison of task measures to age and/or education adjusted normative data. Performance on each CAMCI-Research task is recorded in trial-level and summary task-level data files to allow further, detailed analysis.

Report features

• Session variables and values
• Reaction time and accuracy measures per task
• Normative group means and standard deviations per measure
• Task measure z-scores compared to normative data
• User-defined variables and values
• Self-report responses obtained from the subject
• Description of normative data set used for comparison of results

CAMCI-Research Tasks

• Orientation to Date
• Self-Report
• Simple Reaction Time
• Word Recall
• Recurring Pictures
• Go/No Go
• Verbal Recognition
• Digit Span Forward/Reverse
• Virtual Environment
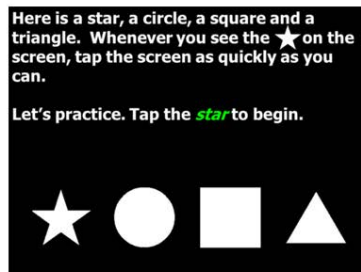
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PSYCHOLOGY SOFTWARE TOOLS
Solutions for Research, Assessment, and Education