

Modified Crosswalk: Visual and Motor Modifications to BCAT® Scoring

Occasionally, there may be clients who are candidates for assessment, but who are unable to complete the full BCAT® test due to functional limitations, such as visual and/or graphomotor deficits. The BCAT® Test does not allow clinicians to report an “N/A” score for items that the client cannot complete. In order to obtain an accurate clinical picture of the client, omitting specific test items and using a modified crosswalk to score the test may be necessary. The following adaptations can be made to assess clients with these deficits.

For persons with **visual limitations**, omit administration of the following BCAT® Test items that require attention to visual stimuli.

BCAT® Test Item Number	BCAT® Subtest Name
3	Visual recognition/naming
15	Visuospatial design
16	Visuospatial clock
19	Delayed visual memory

For persons with **motoric or graphomotor limitations**, omit administration of the following BCAT® Test items that require written output.

BCAT® Test Item Number	BCAT® Subtest Name
15	Visuospatial design
16	Visuospatial clock

Next Steps

To calculate the modified total BCAT® Test Score, with these subtest items omitted, sum the resulting scores, and reference the respective crosswalk table below for interpretation information.

Full BCAT® Test (Standard Scoring)		Visual Modified Scoring	Motor Modified Scoring
Normal	44-50	34-40	39-46
MCI	34-43	27-33	31-38
Mild dementia	25-33	20-26	23-30
Moderate-severe dementia	0-24	0-19	0-22

NOTE: BCAT® Factor Scores are unaffected by these modifications.

Mace, R. A., & Mansbach, W. E. (2018). Validity of Brief Cognitive Assessment Tool Modifications for Older Adults with Visual and Motor Limitations. *Journal of Clinical and Experimental Neuropsychology*, 40(7), 715–721. doi: 10.1080/13803395.2017.1423041.