

Base Rates of Low Scores in Healthy Adults Clinical Reference Guide

Full Cognitive Batteries

Heaton et al. 2004

-N = 1,189 adults

-Expanded H-R battery

-25 scores (adjusted for age, education, gender, race)

Cutoff is $\leq$ 16th %ile (1 SD)

- 1+ scores below: 87%
- 9+ scores below: 13%

Cutoff is $\leq$ 7th %ile (1.5 SD)

- 1+ scores below: 59%
- 4+ scores below: 15%
- 5+ scores below: 10%
- 7+ scores below: 5%

Cutoff is $\leq$ 2nd %ile (2 SD)

- 1+ scores below: 28%
- 2+ scores below: 10%
- 3+ scores below: 5%

Iverson et al. 2008

-N = 1,269 adults

-NAB

-36 scores (adjusted for age, education, gender)

Cutoff is $\leq$ 16th %ile (1 SD)

- 5+ scores below: 43.6%
- 10+ scores below: 15.5%

Cutoff is $\leq$ 2nd %ile (2 SD)

- 1+ scores below: 44.3%
- 2+ scores below: 21.8%

Iverson et al. 2008

-N = 1,250 adults

-WAIS/WMS-III

-20 scores (adjusted for age)

Cutoff is $\leq$ 16th %ile (1 SD)

- 1+ scores below: 77.5%
- 3+ scores below: 51.1%
- 6+ scores below: 28.3%

Learning/Memory Batteries

Palmer et al. 1998

-132 older adults

-Five memory tests: WMS LM, WMS VR, RCFT, Warren's Recognition Memory Test (Words and Faces)

-10 scores (adjusted for age)

Cutoff is $\leq 10^{\text{th}}$ %ile (~ 1.3 SD)

- 1+ scores below: 40%
- 2+ scores below: 17%

Cutoff is $\leq 2^{\text{nd}}$ %ile (2 SD)

- 1+ scores below: 13%

Brooks et al. 2008

-550 older adults

-WMS-III (LM, Faces, VPA, Family Pictures)

-8 scores (adjusted for age)

Cutoff is $\leq 16^{\text{th}}$ %ile (1 SD)

- 6+ scores: <10%

Cutoff is $\leq 2^{\text{nd}}$ %ile (2 SD)

- 2+ scores: <10%

D-KEFS

Karr et al. 2017

-1,050 adults/older adults

-Trail Making (1 score), CWIT (2 scores), Verbal Fluency (4 scores)

-7 scores (adjusted for age)

Cutoff is $\leq 16^{\text{th}}$ %ile (1 SD)

- 1+ scores: 62.8%
- 2+ scores: 35.8%
- 3+ scores: 18.7%
- 4+ scores: 8.9%

Cutoff is $\leq 9^{\text{th}}$ %ile (~ 1.3 SD)

- 1+ scores: 48.1%
- 2+ scores: 24.4%
- 3+ scores: 11.4%

Cutoff is $\leq 2^{\text{nd}}$ %ile (2 SD)

- 1+ scores: 26.8%
- 2+ scores: 8.9%