


Validity

CCAT Criterion-Related-Validity

This table shows correlations between the total raw score of the CCAT and other measures of cognitive aptitudes.

| Name of test | <i>r</i> | Sample size N |
|--|----------|---------------|
| American College Test, Composite Score | .80 | 35 |
| General Ability Measure for Adults, IQ (Nonverbal) | .63 | 52 |
| Reynolds Intellectual Assessment Scale, Verbal Intelligence Index | .84 | 109 |
| Reynolds Intellectual Assessment Scale, Information (GWH) | .81 | 109 |
| Reynolds Intellectual Assessment Scale, Verbal Reasoning (VRZ) | .80 | 109 |
| Scholastic Aptitude Test I (1995 to 2005), Sum of Scaled Scores | .84 | 50 |
| Scholastic Aptitude Test I (1995 to 2005), Math Reasoning Scaled Score | .70 | 42 |
| Scholastic Aptitude Test I (1995 to 2005), Verbal Reasoning Scaled Score | .73 | 42 |
| Scholastic Aptitude Test (prior to 1995), Sum of Scaled Scores | .57 | 50 |
| Wechsler Adult Intelligence Scale - III Full Scale IQ | .90 | 17 |

Points to Note:

- As expected, the CCAT very highly correlates with other measures of crystallized related aptitudes such as the verbal part of the Reynolds Intellectual Assessment Scale, the American College Testing program and the 1995-2005 version of the Scholastic Aptitude Test. It also shows high correlation with the non-verbal figurative IQ of the General Ability Measure for Adults.
- Each correlation is corrected for restriction of range¹.

¹ McNemar, Q. (1949). *Psychological statistics*. New York: Wiley.