

CORRELATIONS WITH THE SCHOLASTIC APTITUDE TEST-RECENTERED MATH SCALE

Correlations between TRI52 Raw and Index Scores and the Scholastic Aptitude Test-Recentred Mathematical Scaled Score

The *Scholastic Aptitude Test* (SAT) is an objective, standardized, three-hour test that measures verbal and mathematical reasoning abilities that students develop over time, both in and out of school. Many colleges and universities use the SAT for admission purposes because it helps to predict successful performance in college.

The recentered SAT (SAT I), used between 1995 and 2005, was divided into two sections, (i) a verbal part with emphasis on critical reading in which vocabulary was tested in the context of reading passages and in analogy and sentence-completion questions and (ii) a mathematical part with emphasis on data interpretation and applied math questions in which calculators were permitted but not required.

A group of 95 persons, mostly students (one 50 years old subject has been discarded), were administered the SAT I prior to took the TRI52. This table presents the correlations between TRI52 scores and the SAT I Math reasoning score. The correlations are .84. This finding suggests the TRI52 and the Math part of the SAT I are measures of very closely related constructs.

TRI52 Scores	SAT I M			
	M	SD	M	SD
			645.56	92.86
Raw Total	30.44	8.03	0.84	
RIX	643.88	89.14	0.84	
Age	21.46	3.98		

Note. $N = 95$. SAT I = Scholastic Aptitude Test-Recentred; M = Mathematical scale; RIX = Reasoning Index. All correlations are statistically significant at $p \leq .05$.