

Statistical Analysis of SEYA Focus Groups

August 2015

Prepared by Scott Compton, Ph.D., Assistant Clinical Professor, Department of Psychiatry and Behavioral Sciences at Duke University Medical Center
Steve Koch, Ph. D., School of Education, California State University, Chico



SCIENCE FOR STUDENTS ■
& EMERGING YOUNG ADULTS

Note: Total sample that completed both pre-test and post-test evaluations varied due to listwise deletion.

Table X

Domain	Pre-Test Mean (SD)	Post-Test Mean (SD)	Paired t-test	p-value
Relationship between faith and science (n=44)	9.2 (3.1)	9.7 (3.8)	3.15	<.01*
Access to people for help with faith and science (n=41)	6.0 (2.7)	7.4 (2.0)	3.13	<.01*
Strategies used (n=56)	6.5 (2.3)	6.8 (2.5)	0.99	.32
View on creation vs. evolution debate (n=39)	2.5 (1.4)	3.2 (1.6)	1.98	.06*
Total Score (n=56)	20.0 (10.0)	25.8 (8.9)	5.07	<.001*

Note: higher scores suggest improvement.

*Average post-test scores are statistically significantly higher than average pre-test scores. Used a one-tailed test of significance

Table X.

	% (n=31)
Exposure to curriculum (post-Q12)	
Book	12.9
Class	32.3
DVD	35.5
Study Guide	12.9
Web	6.4

Note: more people completed just the post-test than completed both the pre-test and post-test.