

Table S1: Participant scores on Knowledge and Acceptance measures

Score	0	1 – 10	11 – 20	21 – 30	31 – 40	41 – 50	51 – 60	61 – 70	71 – 80	81 – 90	91 – 100
Knowledge of Biological Evolution											
Percentage receiving score	1.5%	1	1.9	4.2	9.1	8.1	13.6	15.9	19.1	16.2	9.4
Average:								68%			
Acceptance of Biological Evolution											
Percentage receiving score	0%	0.6	0.3	0.3	0.3	1.94	1.62	4.21	8.83	21.7	60.2
Average:										86.8%	

Table S2: Correlations between participant knowledge of biological evolution and acceptance of biological evolution by theistic view groupings used in the schema (Mantel test using Jaccard's)

Group(s)	n	r value	<i>p</i> value
Creationists (Young Earth Creationists and Old Earth Creationists)	17	0.302	<0.005
Theistic Evolutionists	34	0.2406	<0.01
Non-Creationists (Agnostic Evolutionists and Atheistic Evolutionists)	231	0.3457	<0.001

Table S3: Correlation between participant knowledge of biological evolution and acceptance of biological evolution (response variable) by area of expertise (one-way ANOVA and simple linear regression).

	<i>r value</i>	<i>df</i>	Sum Sq	Mean Sq	F value	<i>p</i>
Life Science	0.4257	1	0.12185	0.121851	16.596	<0.001
Residuals		75	0.55067	0.007342		
Physical Sciences	0.4344	1	0.08270	0.082702	6.9774	<0.05
Residuals		30	0.35559	0.011853		
Social Science	0.5084	1	0.23591	0.235906	19.524	<0.001
Residuals		56	0.67665	0.012083		
Humanities	0.3619	1	0.032832	0.032832	5.5786	<0.05
Residuals		37	0.217758	0.005885		
Engineering	0.5070	1	0.085588	0.085588	11.416	<0.01
Residuals			0.247401	0.007497		
Business	0.7829	1	0.13045	0.13045	22.166	<0.001
Residuals		14	0.082394	0.005885		
Veterinary Medicine	0.5909	1	0.030829	0.0308292	5.9016	<0.05
Residuals		11	0.057463	0.0052239		
Not answered	0.5217	1	0.044536	0.044536	8.6021	<0.01
Residuals		23	0.119080	0.005177		

Table S4: Correlation between participant knowledge of biological evolution and acceptance of biological evolution by area of expertise (Mantel test using jaccard).

Area of Expertise	<i>r value</i>	<i>p value</i>
Life Science	0.6085	<0.001
Physical Sciences	0.4668	<0.001
Social Science	0.5211	<0.001
Humanities	0.4115	<0.001
Engineering	0.3457	<0.005
Business	0.6721	<0.001
Veterinary Medicine	-0.09546	= 0.584
Not answered	0.357	<0.05

Table S5: Average participant knowledge of biological evolution and acceptance of biological evolution grouped by amount of science education reported. * indicates a significant difference ($p < 0.05$) using pairwise t-tests. a, b indicate a significant difference ($p < 0.05$) using pairwise t-tests.

Amount of Science Education	9 or more courses	5 to 8 courses	1 to 4 courses	No science courses
Mean Knowledge of Biological Evolution Score (Adjusted R-squared: 0.0459)	72.7%*	67.6	61.2*	71
Mean Acceptance of Biological Evolution Score (Adjusted R-squared: 0.0266)	90.1 ^a	83.2 ^b	84.2 ^b	87.8

Table S6: Correlation between participant knowledge of biological evolution and acceptance of biological evolution (response variable) by amount of science education reported (one-way ANOVA and simple linear regression).

	<i>r</i> value	<i>df</i>	Sum Sq	Mean Sq	F value	<i>p</i> value
High	0.4490	1	0.41177	0.41177	42.175	<0.001
Residuals		167	1.63047	0.00976		
Moderate	0.4734	1	0.060363	0.060363	11.264	<0.01
Residuals		39	0.208993	0.005359		
Low	0.4671	1	0.16923	0.169228	23.727	<0.001
Residuals		85	0.60626	0.007132		
None	0.2546	1	0.011449	0.011449	0.6932	0.4245
Residuals		10	0.165151	0.016515		

Table S7: Correlation between participant knowledge of biological evolution and acceptance of biological evolution by amount of science education (Mantel test using Jaccard).

Amount of science education reported	<i>r</i> value	<i>p</i> value
High	0.461	<0.001
Moderate	0.571	<0.001
Low	0.5069	<0.001
None	0.3223	=0.06

Table S8: Statistical results from pairwise t-tests examining participant knowledge of biological evolution by their theistic viewpoint grouped by area of expertise.

Mean Knowledge of Biological Evolution	Life Science	Physical Sciences	Social Science	Humanities	Engineering	Business	Veterinary Medicine	Not answered
Creationist	55.7%	50	55	40	25	20	-	20
Theistic Evolutionist	59	50	45	55	55	70	50	53.3
Non-Creationist	79.5	74.4	75.2	65.7	68.9	67.6	63	65.6
<i>p</i> value [Creationist ~ Theistic Evolutionist]	=1	-	=1	=0.92	=0.391	-	-	=0.128
<i>p</i> value [Theistic Evolutionist ~ Non-Creationist]	<0.05	-	<0.01	=0.71	=0.995	-	=0.49	=0.568
<i>p</i> value [Creationist ~ Non-Creationists]	<0.05	-	=0.43	=0.13	<0.05	-	-	<0.05

Table S9: Statistical results from pairwise t-tests examining participant acceptance of biological evolution by their theistic viewpoint grouped by area of expertise.

Mean Acceptance of Biological Evolution	Life Science	Physical Sciences	Social Science	Humanities	Engineering	Business	Veterinary Medicine	Not answered
Creationist	41.3%	40	53	45.5	18	28	-	37.5
Theistic Evolutionist	62	63.8	54.8	64.5	55	75	68	56.5
Non-Creationist	75.2	74.6	75.5	70.7	73.4	69.7	71.4	68.6
<i>p</i> value (Creationist ~ Theistic Evolutionist)	<0.001	-	=1	=0.087	<0.001	-	-	=0.1496
<i>p</i> value (Theistic Evolutionist ~ Non-Creationist)	<0.001	-	<0.001	=0.710	<0.05	-	=0.61	=0.1026
<i>p</i> value (Creationist ~ Non-Creationists)	<0.001	-	<0.001	<0.005	<0.001	-	-	<0.005