

Study 2 results of logit models for the likelihood of a STEM major, fit separately for women and men, for the sample with SAT scores.

Models for Women, <i>N</i> = 2430								Models for Men, <i>N</i> = 1161							
Model	Parameter	Parameter estimates			Fit indices			Model	Parameter	Parameter estimates			Fit indices		
		B_k (se_B)	χ^2	Odds Ratio	99% Wald Conf Limits	R^{2*}	-2LL			B_k (se_B)	χ^2	Odds Ratio	99% Wald Conf Limits	R^{2*}	-2LL
M ₁	Intercept	-0.80 (.04)	320			0.031	2943	M ₁	Intercept	-0.53 (.07)	65			0.051	1520
	SAT-Math	0.34 (.06)	51	1.40	1.24 – 1.59			M ₁	SAT-Math	0.44 (.07)	41	1.55	1.30 – 1.85		
M ₂	Intercept	-0.81 (.04)	343			0.000	2997	M ₂	Intercept	-0.40 (.06)	44			0.000	1565
	SAT-Verbal	-0.02 (.04)	0	0.98	0.87 – 1.10			M ₂	SAT-Verbal	0.00 (.06)	0	1.00	0.86 – 1.17		
M ₃	Intercept	-0.79 (.04)	309			0.057	2898	M ₃	Intercept	-0.59 (.07)	76			0.082	1492
	SAT-Math	0.61 (.06)	89	1.84	1.56 – 2.18			M ₃	SAT-Math	0.73 (.09)	63	2.08	1.64 – 2.63		
	SAT-Verbal	-0.41 (.06)	44	0.66	0.56 – 0.78			M ₃	SAT-Verbal	-0.45 (.09)	26	0.64	0.51 – 0.80		
M ₄	Intercept	-0.83 (.04)	350			0.010	2979	M ₄	Intercept	-0.42 (.06)	47			0.006	1560
	Explicit sci=male	-0.19 (.04)	18	0.83	0.74 – 0.93			M ₄	Explicit sci=male	0.14 (.06)	5	1.15	0.98 – 1.34		
M ₅	Intercept	-0.81 (.04)	337			0.001	2995	M ₅	Intercept	-0.38 (.06)	39			0.006	1560
	Explicit arts=female	-0.06 (.04)	2	0.94	0.84 – 1.06			M ₅	Explicit arts=female	0.15 (.07)	5	1.16	0.98 – 1.37		
M ₆	Intercept	-0.83 (.04)	345			0.011	2979	M ₆	Intercept	-0.40 (.06)	42			0.010	1556
	Explicit sci=male	-0.18 (.05)	16	0.83	0.74 – 0.94			M ₆	Explicit sci=male	0.11 (.06)	3	1.12	0.96 – 1.32		
	Explicit arts=female	-0.01 (.05)	0	0.99	0.88 – 1.12			M ₆	Explicit arts=female	0.12 (.07)	3	1.13	0.95 – 1.34		
M ₇	Intercept	-0.82 (.04)	343			0.007	2985	M ₇	Intercept	-0.40 (.06)	44			0.010	1556
	Explicit composite	-0.15 (.04)	12	0.86	0.77 – 0.96			M ₇	Explicit composite	0.19 (.06)	8	1.21	1.02 – 1.43		
M ₈	Intercept	-0.86 (.05)	346			0.083	2850	M ₈	Intercept	-0.39 (.06)	39			0.088	1487
	Implicit sci=male	-0.55 (.05)	137	0.58	0.51 – 0.65			M ₈	Implicit sci=male	0.54 (.06)	70	1.72	1.45 – 2.03		
M ₉	Intercept	-0.86 (.05)	346			0.084	2848	M ₉	Intercept	-0.39 (.06)	39			0.090	1485
	Explicit composite	-0.06 (.05)	2	0.94	0.83 – 1.06			M ₉	Explicit composite	0.10 (.07)	2	1.10	0.93 – 1.31		
	Implicit sci=male	-0.54 (.05)	127	0.59	0.52 – 0.66			M ₉	Implicit sci=male	0.53 (.07)	65	1.69	1.43 – 2.00		
M ₁₀	Intercept	-0.83 (.05)	317			0.120	2781	M ₁₀	Intercept	-0.56 (.07)	66			0.147	1431
	SAT-Math	0.52 (.07)	62	1.68	1.42 – 1.99			M ₁₀	SAT-Math	0.65 (.09)	48	1.91	1.50 – 2.43		
	SAT-Verbal	-0.35 (.06)	30	0.71	0.60 – 0.83			M ₁₀	SAT-Verbal	-0.39 (.09)	19	0.68	0.54 – 0.85		
	Explicit composite	-0.05 (.05)	1	0.96	0.85 – 1.08			M ₁₀	Explicit composite	0.08 (.07)	1	1.08	0.90 – 1.29		
	Implicit sci=male	-0.49 (.05)	103	0.61	0.54 – 0.69			M ₁₀	Implicit sci=male	0.48 (.07)	52	1.62	1.36 – 1.92		

STEM major is coded 1 if a first or second major was in STEM, otherwise 0. All predictors are standardized. Explicit composite is average of science=male and arts=female stereotypes. χ^2 = Wald Chi-Square. *Max-rescaled R^2 for logistic regression (Nagelkerke, 1991). -2LL = -2 log likelihood.