

APPENDIX 3: Model results with demographic and psychometric variables. Coefficients are log odds ratios with standard errors shown in parentheses; * p < 0.01; ** p < 0.05; * p < 0.1; All variables are dummy-coded; Random parameters are normally distributed**

	MIXL		MIXL		MIXL		MIXL		MIXL		MIXL	
	Model 5	Model 6	Model 7	Model 8	Model 9	Model 10	Model 5	Model 6	Model 7	Model 8	Model 9	Model 10
	Age	Gender	Education	Science	Political	Religion						
<i>Main effects</i>												
Gene Drive	0.0349 (0.048)	0.0187 (0.030)	0.0719 (0.075)	-0.0842 (0.042)	**	-0.0310 (0.033)					0.0357 (0.056)	
Trojan Female	0.5791 (0.059)	*** 0.4511 (0.037)	*** 0.4678 (0.092)	*** 0.3947 (0.050)	***	0.4145 (0.040)	***	***	***	0.4975 (0.069)	***	***
Rat	0.2930 (0.048)	*** 0.3924 (0.031)	*** 0.2881 (0.074)	*** 0.2664 (0.041)	***	0.3132 (0.033)	***	***	***	0.3697 (0.056)	***	***
Stoat	0.0837 (0.049)	* 0.2579 (0.031)	*** 0.1139 (0.078)	0.0401 (0.043)		0.0926 (0.033)	***	***	***	0.2437 (0.057)	***	***
Ground	1.5148 (0.048)	*** 0.9937 (0.030)	*** 1.4277 (0.073)	*** 1.3615 (0.041)	***	1.3588 (0.033)	***	***	***	1.2071 (0.054)	***	***
Death	0.2657 (0.042)	*** 0.2697 (0.026)	*** 0.2197 (0.066)	*** 0.2536 (0.036)	***	0.1259 (0.028)	***	***	***	0.1541 (0.049)	***	***
Neither	-0.7236 (0.063)	*** -1.2365 (0.045)	*** -0.4214 (0.094)	*** -0.5519 (0.054)	***	-0.7395 (0.045)	***	***	***	-0.6562 (0.070)	***	***
<i>Standard deviation of random parameters</i>												
Gene Drive	1.5595 (0.036)	*** 1.5398 (0.036)	*** 1.5273 (0.036)	*** 1.5437 (0.036)	***	1.5259 (0.036)	***	***	***	1.5193 (0.036)	***	***
Trojan Female	0.5811 (0.035)	*** 0.6996 (0.039)	*** 0.5360 (0.034)	*** 0.6961 (0.039)	***	0.8642 (0.044)	***	***	***	0.8678 (0.044)	***	***
Rat	0.7625 (0.038)	*** 0.7916 (0.039)	*** 0.7722 (0.039)	*** 0.7610 (0.041)	***	0.7918 (0.039)	***	***	***	0.7917 (0.039)	***	***
Stoat	-0.0627 (0.056)	*** -0.1502 (0.047)	*** -0.0151 (0.056)	*** -0.2625 (0.051)	***	-0.0002 (0.029)	***	***	***	-0.0441 (0.023)	***	***
Ground	1.4844 (0.031)	*** 1.4637 (0.032)	*** 1.4798 (0.032)	*** 1.4899 (0.032)	***	1.0522 (0.027)	***	***	***	0.9403 (0.028)	***	***
Death	-0.0738 (0.055)	*** 0.7192 (0.045)	*** -0.0934 (0.055)	* 1.0139 (0.034)	***	-0.9507 (0.030)	***	***	***	-0.8878 (0.030)	***	***
Neither	2.3442 (0.030)	*** 2.3232 (0.030)	*** 2.3345 (0.030)	*** 2.2859 (0.030)	***	0.4599 (0.043)	***	***	***	1.1097 (0.042)	***	***
Observations	64,224	64,224	64,224	64,224		64,224				64,224		
Log Likelihood	-52,861	-52,919	-52,971	-52,929		-52,901				-52,950		
McFadden pseudo-R ²	0.262	0.261	0.260	0.261		0.261				0.261		
AIC	105,863	105,937	106,055	106,011		105,956				106,055		
BIC	106,498	106,381	106,563	106,710		106,654				106,753		