Supplementary Table 4

Speed Interaction Regression Results

	Dependent variable: *log(time taken to solve, sec)*
Variable	*Coefficient (95% CI)*
Algorithm (PQ)	0.122 (-0.224, 0.469)
Dividend size (Large)	0.536*** (0.272, 0.801)
Multiplication fluency	-0.017** (-0.030, -0.005)
Prior knowledge of assigned algorithm	-0.334 (-0.668, 0.001)
Algorithm x dividend size	0.400*** (0.224, 0.577)
Intercept	4.647*** (4.196, 5.098)
Observations	288
Log Likelihood	-189.889
Note:	*p < .05 **p < .01. ***p < .001