

eTable 2 Linear mixed effects models

	Active Behavioral Phenotype	Passive Behavioral Phenotype	Affective Phenotype
Information Criteria			
AIC	2040.81	1815.70	1445.36
BIC	2086.25	1844.62	1470.07
Fixed effects	Parameter Estimate	Parameter Estimate	Parameter Estimate
Intercept	1.58*** [0.94, 2.23]	2.43*** [2.06, 2.80]	1.49*** [0.90, 2.09]
Time	0.13** [0.04, 0.22]	0.04 [-0.02, 0.11]	-0.00 [-0.05, 0.05]
Group nfVPPA	-0.11 [-1.04, 0.83]	-0.99*** [-1.48, -0.50]	
Group lvPPA	-0.80 [-2.15, 0.56]	-1.03** [-1.67, -0.39]	
Group svPPA	-0.03 [-1.24, 1.17]	-1.06** [-1.72, -0.39]	
Male sex	1.38*** [0.67, 2.09]		
Group nfVPPA : Male sex	-1.94** [-3.24, -0.64]		
Group lvPPA : Male sex	-0.76		

	[-2.49, 0.96]		
Group svPPA : Male sex	-1.36 [-3.13, 0.41]		
Time : Male sex			0.06* [0.01, 0.12]
Education			-0.04 [-0.08, 0.00]
*** $p < 0.001$; ** $p < 0.01$; * $p < 0.05$			