

## Supplemental Material S2

### Normality and Homogeneity analyses of behavioral and neural variables

**Table S2 1.**

*Normality and Homogeneity analyses for behavioral measures*

	Normality			Homoscedasticity			
	<i>SW</i>	<i>df</i>	<i>p</i>	<i>L</i>	<i>df1</i>	<i>df2</i>	<i>p</i>
<i>Correct-trial RT</i>	.992	91	.876	6.69	1	180	.010
<i>Error-trial RT</i>	.977	91	.110				
<i>Post-correct slowing</i>	.990	91	.731	42.51	1	180	<.001
<i>Post-error slowing</i>	.992	91	.874				
<i>Post-correct accuracy</i>	.969	91	.030	3.21	1	180	.075
<i>Post-error accuracy</i>	.978	91	.133				
<i>Correct-trial RT*</i>	.980	91	.178	15.57	1	179	<.001
<i>Error-trial RT*</i>	.991	90	.816				
<i>Post-correct slowing*</i>	.800	91	<.001	.04	1	179	.838
<i>Post-error slowingT</i>	.970	90	.038				
<i>Post-correct accuracy*</i>	.964	91	.012	2.41	1	179	.122
<i>Post-error accuracy*</i>	.971	90	.045				
<i>RSI - 1st tertile</i>	.980	66	.357				
<i>RSI – 2nd tertile</i>	.953	66	.013	9.54	2	195	<.001
<i>RSI – 3rd tertile</i>	.939	66	.003				
<i>PEA – 1st tertile</i>	.980	66	.370				
<i>PEA – 2nd tertile</i>	.969	66	.099	.37	2	195	.691
<i>PEA – 3rd tertile</i>	.928	66	.001				
<i>RSI_T - 1st tertile</i>	.974	66	.179				
<i>RSI_T – 2nd tertile</i>	.923	66	.001	25.71	2	195	<.001
<i>RSI_T – 3rd tertile</i>	.911	66	<.001				
<i>PEA_T – 1st tertile</i>	.972	66	.149				
<i>PEA_T – 2nd tertile</i>	.964	66	.054	.80	2	195	.449
<i>PEA T - 3rd tertile</i>	.920	66	<.001				

*Note.*

SW = Shapiro-Wilk

L = Levene

\* = denotes transformed variables. RT and accuracy variables were transformed using natural log and square root, respectively

**Table S1 2.***Normality and Homogeneity analyses for neural measures*

	Normality			Homoscedasticity			
	<i>SW</i>	<i>df</i>	<i>p</i>	<i>L</i>	<i>df1</i>	<i>df2</i>	<i>p</i>
<i>ERN – 1st tertile</i>	.982	58	.563				
<i>ERN – 2nd tertile</i>	.970	58	.157	2.09	2	171	.127
<i>ERN – 3rd tertile</i>	.992	58	.961				
<i>THETA – 1st tertile</i>	.983	58	.601				
<i>THETA – 2nd tertile</i>	.982	58	.529	.16	2	171	.774
<i>THETA – 3rd tertile</i>	.982	58	.530				
<i>RSI - 1st tertile</i>	.978	58	.378				
<i>RSI – 2nd tertile</i>	.951	58	.021	8.63	2	171	<.001
<i>RSI – 3rd tertile</i>	.951	58	.021				
<i>RSI – 1st tertile*</i>	.969	58	.145				
<i>RSI – 2nd tertile*</i>	.926	58	.002	25.83	2	171	<.001
<i>RSI – 3rd tertile*</i>	.927	58	.002				

*Note.*

SW = Shapiro-Wilk

L = Levene

\* = denotes transformed variables. The variables were transformed using natural log