

Supplementary Material 1

Descriptive statistics for EEG bands, behavioural data and psychometric data.

Pre distractor phase					Post distractor phase			
	Delta TP9	Delta AF7	Delta AF8	Delta TP10	Delta TP9	Delta AF7	Delta AF8	Delta TP10
M	0.121	2.21	0.124	0.155	0.248	2.53	0.208	0.243
SD	0.476	9.80	0.386	0.440	0.522	12.0	0.419	0.461
Skewness	0.165	0.580	0.230	0.606	0.652	0.190	0.756	0.114
Kurtosis	0.225	0.450	-0.041	0.181	-0.456	0.269	0.284	-0.330
Shapiro-Wilk p	0.065	0.080	0.160	0.274	0.075	0.088	0.125	0.387

Pre distractor phase					Post distractor phase			
	Theta TP9	Theta AF7	Theta AF8	Theta TP10	Theta TP9	Theta AF7	Theta AF8	Theta TP10
M	0.0806	0.0995	0.0981	0.159	0.124	0.0589	0.123	0.252
SD	0.382	0.319	0.342	0.348	0.398	0.396	0.346	0.334
Skewness	-0.0525	0.493	0.420	0.459	0.152	0.0331	0.323	0.279
Kurtosis	-0.836	0.350	0.223	-0.582	0.197	0.258	0.136	-0.493
Shapiro-Wilk p	0.594	0.706	0.095	0.280	0.956	0.055	0.060	0.273

	Pre distractor phase				Post distractor phase			
	Alpha TP9	Alpha AF7	Alpha AF8	Alpha TP10	Alpha TP9	Alpha AF7	Alpha AF8	Alpha TP10
M	-0.0705	0.144	0.0715	-0.0733	-0.0502	0.0753	0.0836	-0.0534
SD	0.333	0.347	0.284	0.289	0.380	0.408	0.270	0.288
Skewness	0.441	0.481	0.456	0.448	0.441	0.472	0.456	0.448
Kurtosis	0.406	0.593	-0.736	-0.798	0.509	0.368	-0.0134	-0.222
Shapiro-Wilk p	0.474	0.821	0.531	0.323	0.099	0.761	0.849	0.961

	Pre distractor phase				Post distractor phase			
	Beta TP9	Beta AF7	Beta AF8	Beta TP10	Beta TP9	Beta AF7	Beta AF8	Beta TP10
M	0.0954	0.126	0.0902	0.0752	0.135	0.0402	0.0444	0.129
SD	0.309	0.400	0.309	0.256	0.344	0.474	0.307	0.270
Skewness	0.358	0.156	0.489	0.419	0.385	0.256	0.156	0.0759
Kurtosis	0.320	0.254	0.523	0.328	-0.0487	0.241	0.245	0.817
Shapiro-Wilk p	0.080	0.105	0.078	0.326	0.202	0.230	0.320	0.983

	RD score	TC score	TAR score
M	5.49	7.25	3.74
SD	1.07	1.96	2.36
Skewness	0.505	-0.602	-0.0596
Kurtosis	0.324	0.429	-0.697
Shapiro-Wilk p	0.096	0.069	0.236

	Agreeableness	Conscientiousness	Emotionalstability	Extroversion	Openness
M	6.78	6.61	6.04	6.17	6.87
SD	1.83	2.62	1.87	1.53	1.84
Skewness	-0.295	-0.424	0.0682	0.183	0.327
Kurtosis	-0.276	-0.325	0.0120	-0.358	-0.403
Shapiro-Wilk p	0.135	0.085	0.765	0.059	0.063