Cortical and Physiological Modulations Induced by **Non-Invasive Brain Stimulation for Anxiety**

WATERLOO

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TABLE 1: RESULTS PRE- VS POST-NI-PBS

			VORTIDE	
Anxiety Questionneires				
GAD-7	1400+068	7.67 ± 0.90	V = 475.5	<0.001***
STAFS	49.00±1.04	42.16 ± 2.15	t(31) = 2.85	0.008**
STALT	5425±1.76	53.03 ± 1.67	ti311 = 0.94	0.35
Planker ERPs (J/V)				
ERN amplitude	-5.39 ± 0.98	-11.86 ± 1.08	V = 499	<0.001***
ERN Latency	4112±387	35.38 ± 2.81	t(31) = 1.05	0.30
N2 amplitude	-0.67 ± 0.27	-3.36 x 0.30	1(31) = 7.14	<0.001***
N2 latency	272.75 ± 6.44	27625±651	t(31) = 0.46	0.65
Absolute Power Spectral Density (10*log_(10) (uVZ/Hz)	-			
Thosa [frontocontral]	575±061	6.16±0.63	V × 155	0.04*
High beta (trontocentral)	0.85±0.10	0.94±0.10	V = 141	0.02*
Relative Power Spectral Density (10*log_(10) (uV2)Hz)				
High beta (posterior)	0.03 ± 0.00	0.04 ± 0.00	V = 131	0.01*
Resting Mean Physiological Measures				
SCI. (µS)	1.46±024	2.32 ± 0.46	V = 91	<0.001***
HR (BPM)	74.99 ± 1.36	73.12 ± 1.42	131 = 1.68	0.10
HRV (RMSSD)	41.48±2.54	43.54 ± 2.12	t(30) = -1.20	0.24
HRV (aNNSO)	19.61 ± 2.26	21.34 ± 2.05	1 30 1.02	0.32











