Results

ANOVA

ANOVA - LFP Power (mean)

	Sum of Squares	df	Mean Square	F	р
Sleep Stage	0.0164	4	0.00410	0.251	0.907
Residuals	0.6365	39	0.01632		

[3]

Post Hoc Tests

Post Hoc Comparisons - Sleep Stage

Comparison									95% Confidence Interval	
Sleep Stage		eep age	Mean Difference	SE	df	t	P _{bonferroni}	Cohen's d	Lower	Upper
W	- N1		-0.0251	0.0571	39.0	-0.439	1.000	-0.1965	-1.102	0.709
	- N2		-0.0529	0.0571	39.0	-0.926	1.000	-0.4141	-1.324	0.495
	- N3		-0.0386	0.0660	39.0	-0.585	1.000	-0.3022	-1.349	0.745
	- R		-0.0125	0.0606	39.0	-0.207	1.000	-0.0981	-1.058	0.862
N1	- N2		-0.0278	0.0571	39.0	-0.487	1.000	-0.2177	-1.124	0.688
	- N3		-0.0135	0.0660	39.0	-0.205	1.000	-0.1057	-1.151	0.939
	- R		0.0126	0.0606	39.0	0.207	1.000	0.0984	-0.861	1.058
N2	- N3		0.0143	0.0660	39.0	0.217	1.000	0.1119	-0.933	1.157
	- R		0.0404	0.0606	39.0	0.666	1.000	0.3160	-0.646	1.278
N3	- R		0.0261	0.0690	39.0	0.378	1.000	0.2041	-0.889	1.297

Note. Comparisons are based on estimated marginal means

[4]

ANOVA

ANOVA - LFP Power (mean)

	Sum of Squares	df	Mean Square	F	р
Patient ID	0.6065	9	0.06739	49.4	< .001
Residuals	0.0464	34	0.00136		

[3]

One-Way ANOVA

One-Way ANOVA (Welch's)

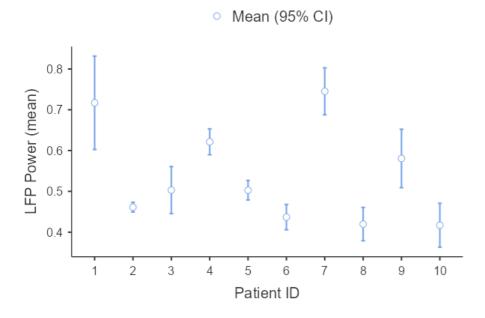
	F	df1	df2	р
LFP Power (mean)	36.6	9	12.7	< .001

Group Descriptives

	Patient ID	N	Mean	SD	SE
LFP Power (mean)	1	4	0.717	0.07193	0.03597
	2	5	0.461	0.00965	0.00432
	3	4	0.503	0.03626	0.01813
	4	5	0.622	0.02555	0.01143
	5	4	0.503	0.01501	0.00750
	6	4	0.437	0.01948	0.00974
	7	5	0.745	0.04636	0.02073
	8	5	0.420	0.03290	0.01471
	9	3	0.581	0.02881	0.01663
	10	5	0.417	0.04335	0.01939

Plots

LFP Power (mean)



Post Hoc Tests

Mean			1	2	3	4	5	6	7	8	9	10
Heat	1		_	0.256*	0.2139*	0.0955	0.2143	0.2802*	-0.0281	0.2973 *	0.1364	0.30009*
P-value		t-value	_	7.06	5.31	2.53	5.8318	7.52	-0.678	7.652	3.44	7.345
Mean		df	_	3.09	4.43	3.61	3.26	3.44	4.92	4.00	4.14	4.70
Continue		p-value	_	0.040	0.048	0.445	0.062	0.026	0.998	0.016	0.209	0.011
df — 3.34 5.12 4.91 4.17 4.35 4.68 2.27 440 p-value — 0.551 0.01 0.059 0.514 0.001 0.335 0.079 0.535 Amen difference — -0.1184* 3.40e-4 0.0662 -0.2420*** 0.0834 -0.075 0.08617 Lvalue — -5.53 0.0173 3.22 -8.789 3.572 -3.15 3.246 df 0.028 0.009 1.000 0.234 <.001	2			_	-0.0418	-0.1602 ***	-0.0414	0.0245	-0.2838 **	0.0416	-0.1193	0.04439
Devalue		t-value		_	-2.24	-13.11	-4.7871	2.30	-13.402	2.715	-6.94	2.235
Mean difference First State First Stat		df		_	3.34	5.12	4.91	4.17	4.35	4.68	2.27	4.40
difference		p-value		_	0.551	< .001	0.059	0.514	0.001	0.358	0.079	0.535
off p-value — 5.24 4.00 0.234 0.001 0.234 0.001 0.134 0.238 0.175 6.96 0.175 0.187* 7.00 0.234 0.001 0.134 0.238 0.175 6.96 0.175 0.187* 7.00 0.234 0.001 0.134 0.238 0.175 0.000 0.2348** 0.000 0.2348** 0.000 0.2348** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2019 0.2018*** 0.2010 0.2018**** 0.2010 0.2018**** 0.2010	3				_	-0.1184*	3.40e-4	0.0662	-0.2420 ***	0.0834	-0.0775	0.08617
P-value		t-value			_	-5.53	0.0173	3.22	-8.789	3.572	-3.15	3.246
Mean		df			_	5.24	4.00	4.60	7.00	6.23	4.93	6.96
difference		p-value			_	0.029	1.000	0.234	< .001	0.134	0.238	0.175
df — 6.57 7.00 6.22 7.54 3.90 6.48 p-value — 0.001 <.001	4					_	0.1187 **	0.1847 ***	-0.1236*	0.2018 ***	0.0409	0.20458**
P-value		t-value				_	8.6862	12.30	-5.222	10.833	2.03	9.090
Mean difference Capacita Ca		df				_	6.57	7.00	6.22	7.54	3.90	6.48
difference		p-value				_	0.001	< .001	0.026	< .001	0.627	0.001
Mean difference	5						_	0.0659*	-0.2424 **	0.0831*	-0.0779	0.08583
P-value P-va		t-value					_	5.36	-10.993	5.029	-4.27	4.128
6 Mean difference — 0.3083*** 0.0172 -0.1438* 0.01992 t-value to difference — 13.459 0.973 -7.46 0.918 df — 5.60 6.59 3.34 5.78 p-value — 0.001 0.985 0.028 0.988 7 Mean difference — 0.3255*** 0.1645* 0.32822*** df — 12.801 6.19 11.562 df — 2.010 0.013 < 0.01		df					_	5.63	5.00	5.83	2.82	5.13
6 difference difference -0.1383 0.0172 -0.1438 0.01992 t-value		p-value					_	0.028	0.001	0.035	0.170	0.096
df — 5.60 6.59 3.34 5.78 p-value — <.001	6							_	-0.3083 ***	0.0172	-0.1438*	0.01992
P-value P-va		t-value						_	-13.459	0.973	-7.46	0.918
Mean difference		df						_	5.60	6.59	3.34	5.78
difference — 0.3255 0.1645 0.32822 t-value — 12.801 6.19 11.562 df — 7.21 5.91 7.96 p-value — 0.001 0.013 <.001		p-value						_	< .001	0.985	0.028	0.988
df 7.21 5.91 7.96 p-value - < 0.01	7								_	0.3255 ***	0.1645*	0.32822 ***
P-value P-va		t-value							_	12.801	6.19	11.562
8 Mean difference — -0.1609* 0.00276 t-value — -7.25 0.114 df — 4.86 7.46 p-value — 0.011 1.000 9 Mean difference — 0.16371* t-value — 6.408 df — 5.79 p-value — 0.011 10 Mean difference difference — - 0.011 t-value df —7.25 0.114 —7.25 0.114 10 Mean difference difference —7.25 0.114 —7.25 0.114 10 Mean difference d		df							_	7.21	5.91	7.96
8 difference — 0.1609 0.00276 t-value — 7.25 0.114 df — 4.86 7.46 p-value — 0.011 1.000 9 Mean difference t-value df — 6.408 df t-value — 0.011 — 0.011 10 Mean difference t-value df — — — — — — — — — — — — — — — — — — —		p-value							_	< .001	0.013	< .001
df — 4.86 7.46 p-value — 0.011 1.000 9 Mean difference t-value df — 6.408 df — 5.79 p-value — 0.011 10 Mean difference t-value df — — t-value df — —	8									_	-0.1609*	0.00276
p-value — 0.011 1.000 9 Mean difference t-value df — 0.16371* p-value — 6.408 p-value — 0.011 10 Mean difference t-value df — —		t-value								_	-7.25	0.114
Mean difference t-value — 6.408 df — 5.79 p-value — 0.011 Mean difference t-value — 0.011 Mean difference t-value — 0.011		df								_	4.86	7.46
difference		p-value								_	0.011	1.000
df — 5.79 p-value — 0.011 10 Mean difference t-value df — —	9										_	0.16371*
df — 5.79 p-value — 0.011 10 Mean difference t-value df — —											_	6.408
p-value — 0.011 Mean difference — — — — — — — — — — — — — — — — — — —											_	
difference t-value df		p-value									_	0.011
t-value — df	10											_
df —												_
												_
												_

One-Way ANOVA

One-Way ANOVA (Welch's)

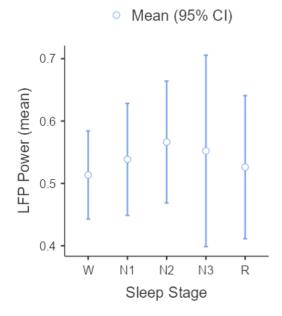
	F	df1	df2	р
LFP Power (mean)	0.253	4	17.6	0.904

Group Descriptives

	Sleep Stage	N	Mean	SD	SE
LFP Power (mean)	W	10	0.513	0.0987	0.0312
	N1	10	0.539	0.1255	0.0397
	N2	10	0.566	0.1366	0.0432
	N3	6	0.552	0.1462	0.0597
	R	8	0.526	0.1373	0.0486

Plots

LFP Power (mean)



Post Hoc Tests

		W	N1	N2	N3	R
W	Mean difference	_	-0.0251	-0.0529	-0.0386	-0.0125
	t-value	_	-0.497	-0.993	-0.573	-0.217
	df	_	17.0	16.4	7.78	12.3
	p-value	_	0.987	0.855	0.975	0.999
N1	Mean difference		_	-0.0278	-0.0135	0.0126
	t-value		_	-0.474	-0.188	0.200
	df		_	17.9	9.38	14.5
	p-value		_	0.989	1.000	1.000
N2	Mean difference			_	0.0143	0.0404
	t-value			_	0.194	0.621
	df			_	10.07	15.1
	p-value			_	1.000	0.969
N3	Mean difference				_	0.0261
	t-value				_	0.339
	df				_	10.5
	p-value				_	0.997
R	Mean difference					_
	t-value					_
	df					_
	p-value					_

Note. * p < .05, ** p < .01, *** p < .001

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