

	Delta	Theta	Alpha	Beta	Gamma
FP1	32.025385	14.33539	23.47385	21.37462	23.54
FP2	33.841538	14.09308	22.21154	21.27923	8.35
F7	25.641538	13.21846	24.41846	24.8869	11.41692
F3	18.974615	15.25385	29.4562	26.55769	9.4708
Fz	19.9923	16.78923	31.10769	24.87231	7.063846
F4	21.315385	15.31077	29.19846	26.19462	7.7877
F8	33.6254	13.13	22.01615	22.56846	8.426154
T3	15.949231	10.46539	22.76462	31.84385	18.1992
C3	14.93	14.43769	29.83077	30.50923	9.961538
Cz	15.213077	37.600	32.47692	27.94769	6.898462
C4	16.287692	15.05615	67.130	51.88	17.610
T4	19.740769	11.66769	21.91077	32.49539	13.81923
T5	20.783846	9.7823	24.89846	29.86	13.60462
P3	18.671538	12.83462	27.7423	31.85615	8.6
Pz	16.023846	15.25154	29.36769	32.2831	6.8662
P4	15.985385	13.2738	27.5623	34.92	8.022308
T6	14.011538	11.0838	26.5562	35.49539	12.49385
O1	17.686923	11.16308	20.74615	32.26769	17.50077
O2	14.5	11.35	22.40308	37.07077	14.22462

Table 1. The RPV (Relative Power Value, %) at each channel from rsEEG rhythms in perimenopause women; The RPV were analyzed at eye close 3min resting state for each channel. Five selected frequency bands were Delta (δ ; 0.5-4 Hz), Theta (θ ; 4–8 Hz), Alpha (α ; 8-13 Hz), Beta (β ; 13-30 Hz), and Gamma (γ ; 31-40 Hz).

	IS_total					DI_total					AI_total					BIS_total				
	Delta	Theta	Alpha	Beta	Gamma	Delta	Theta	Alpha	Beta	Gamma	Delta	Theta	Alpha	Beta	Gamma	Delta	Theta	Alpha	Beta	Gamma
FP1	-0.171	0.044	0.161	0.434	-0.441	-0.272	-0.061	0.444	0.044	-0.369	0.164	0.276	0.039	-0.329	-0.440	-0.045	0.017	0.215	-0.073	-0.345
FP2	-0.232	0.043	0.138	0.499	-0.381	-0.040	-0.102	0.370	-0.211	-0.375	0.404	0.252	-0.017	-0.567*	-0.536	0.258	-0.093	0.069	-0.352	-0.281
F7	-0.294	0.013	0.151	0.662*	-0.347	-0.389	-0.065	0.542	0.080	-0.397	-0.041	0.153	0.200	0.119	-0.467	-0.164	0.156	0.165	-0.160	-0.082
F3	-0.499	-0.123	0.207	0.740**	-0.345	-0.253	-0.333	0.487	0.069	-0.524	0.170	-0.031	0.110	0.038	-0.533	-0.127	-0.239	0.276	0.005	-0.241
Fz	-0.546	-0.162	0.292	0.635*	-0.459	-0.152	-0.434	0.410	0.054	-0.466	0.197	-0.124	0.013	0.094	-0.385	0.078	-0.378	0.325	-0.201	-0.396
F4	-0.531	-0.192	0.234	0.754**	-0.467	-0.166	-0.279	0.416	-0.046	-0.472	0.274	-0.025	0.015	-0.071	-0.435	0.093	-0.255	0.259	-0.218	-0.308
F8	-0.418	0.143	0.229	0.600*	-0.434	0.129	-0.298	0.378	-0.266	-0.448	0.408	-0.077	0.037	-0.350	-0.500	0.455	-0.198	0.085	-0.509	-0.383
T3	-0.127	0.363	0.104	0.414	-0.452	-0.193	-0.083	0.450	-0.008	-0.376	0.026	-0.051	0.170	0.258	-0.353	-0.209	0.039	0.008	0.175	0.010
C3	-0.430	-0.193	0.080	0.634*	-0.310	-0.168	-0.460	0.559*	0.032	-0.634*	0.070	-0.236	0.249	0.204	-0.629*	0.107	-0.424	0.238	-0.030	-0.197
Cz	-0.598*	-0.408	0.237	0.603*	-0.388	-0.111	-0.562*	0.504	-0.020	-0.592*	0.145	-0.295	0.125	0.164	-0.476	0.068	-0.531	0.442	-0.102	-0.540
C4	-0.683*	-0.388	0.257	0.653*	-0.461	-0.137	-0.329	0.462	-0.104	-0.524	0.211	-0.111	0.079	0.050	-0.498	0.032	-0.408	0.357	-0.118	-0.317
T4	-0.606*	-0.051	0.244	0.835**	-0.194	-0.147	-0.304	0.253	0.178	-0.073	0.298	-0.168	-0.036	0.102	-0.220	-0.117	-0.548	0.014	0.366	0.194
T5	-0.587*	-0.406	0.552*	0.695**	-0.470	-0.159	-0.263	0.284	0.126	-0.147	0.112	-0.096	-0.084	0.150	-0.221	-0.082	-0.407	0.496	-0.106	-0.300
P3	-0.358	-0.361	0.157	0.586*	-0.444	0.018	-0.570*	0.450	-0.172	-0.482	0.072	-0.273	0.172	-0.003	-0.402	0.132	-0.512	0.426	-0.270	-0.537
Pz	-0.617*	-0.612*	0.194	0.728**	-0.550	-0.164	-0.515	0.523	-0.107	-0.479	0.006	-0.217	0.170	0.012	-0.318	0.039	-0.388	0.396	-0.163	-0.451
P4	-0.738*	-0.672*	0.339	0.781**	-0.528	-0.195	-0.306	0.449	-0.086	-0.322	0.028	-0.092	0.144	-0.026	-0.252	-0.025	-0.324	0.500	-0.212	-0.449
T6	-0.390	-0.284	0.435	0.594*	-0.641*	0.340	0.031	0.314	-0.186	-0.451	0.393	-0.034	0.046	0.069	-0.340	0.316	-0.120	0.454	-0.359	-0.397
O1	-0.365	-0.433	0.481	0.580*	-0.358	0.225	0.095	0.119	-0.026	-0.392	0.358	0.215	-0.081	0.067	-0.464	0.209	0.123	0.222	-0.344	-0.237
O2	-0.534	-0.496	0.403	0.712**	-0.475	0.115	-0.062	0.318	-0.045	-0.343	0.266	-0.069	0.115	0.072	-0.338	0.260	0.069	0.349	-0.343	-0.270

Table 2. The Pearson r value between psychological score and band power at each channel Note: **IS**: Impulsivity Score; **DI**: Depression Inventory; **SAI**: State Anxiety Inventory; **BIS**: Behavioral inhibition sensitivity scale; * = significant at the p level < 0.05; **= significant at the p level of 0.01.