

Table S1. Post-hoc Tukey-Kramer multiple comparison tests for HRV parameters between FLE and TLE groups.

HRV parameter	Type	Pairs	Mean difference	TK HSD	Significance
mean RRI	FLE group	Pre-ictal	233.0795	14.495	*
		Pre-post	146.5400	9.113	*
		Ictal-post	86.5395	5.3817	*
	TLE group	Pre-ictal	251.7075	28.9238	*
		Pre-post	153.5154	17.6405	*
		Ictal-post	98.1921	11.2833	*
SDNN	FLE group	Pre-ictal	25.4096	4.6636	*
		Pre-post	11.8412	2.1733	n.s
		Ictal-post	13.5684	2.4903	n.s
	TLE group	Pre-ictal	17.1837	5.8276	*
		Pre-post	6.5678	2.2274	n.s
		Ictal-post	10.6159	3.6002	n.s
RMSSD	FLE group	Pre-ictal	10.8694	2.7085	n.s
		Pre-post	1.8342	0.4571	n.s
		Ictal-post	12.7036	3.1656	n.s
	TLE group	Pre-ictal	5.7766	2.6598	n.s
		Pre-post	3.8408	1.7685	n.s
		Ictal-post	9.6174	4.4283	*
normalized LF	FLE group	Pre-ictal	10.482	5.392	*
		Pre-post	0.897	0.462	n.s
		Ictal-post	11.379	5.853	*
	TLE group	Pre-ictal	3.423	3.253	n.s
		Pre-post	2.923	2.778	n.s
		Ictal-post	0.500	0.475	n.s
normalized HF	FLE group	Pre-ictal	4.1903	2.2561	n.s
		Pre-post	4.0467	2.1788	n.s
		Ictal-post	0.1436	0.0773	n.s
	TLE group	Pre-ictal	4.6807	4.6567	*
		Pre-post	7.5185	7.4798	*
		Ictal-post	2.8377	2.8232	n.s
LF/HF ratio	FLE group	Pre-ictal	2.720	6.744	*
		Pre-post	0.624	1.548	n.s
		Ictal-post	2.096	5.196	*
	TLE group	Pre-ictal	0.983	4.501	*
		Pre-post	0.466	2.133	n.s
		Ictal-post	0.517	2.368	n.s

The critical q-value for an alpha level of 0.05 was 4.0385. Mean RRI, mean of inter-beat intervals between successive heartbeats; SDNN, a standard deviation of the normal-to-normal interval; RMSSD, square root of the mean of the sum of the squares of differences between consecutive normal-to-normal intervals; normalized LF, the relative power of the frequency band (0.04-0.15 Hz); normalized HF, the relative power of the high-frequency band (0.15-0.4 Hz); LF/HF, a ratio of low- to high-frequency power; * Bold indicates p-value less than 0.05.