

**Supplementary Table 2.** Comparison of characteristics between seizure recurrence and seizure-free groups

Variable (n)	Seizure-recurrence (n=35)	Seizure-free (n=74)	p-value	Odds ratio (95% CI)
Age (years)			0.83	NA
Mean±SD	22.514±11.91	23.446±13.64		
Median (IQR)	20 (11)	20 (10.5)		
Sex				
Male (66)	23 (65.7)	43 (58.1)	0.45	1.38 (0.60-3.19)
Female (43)	12 (34.33)	31 (41.9)	0.45	0.72 (0.31-1.67)
Residence				
Rural (80)	27 (77.1)	53 (71.6)	0.542	
Urban (29)	8 (22.9)	21 (28.4)	0.546	1.33 (0.52-3.41)
Socioeconomic status				
Upper (1)	0 (0)	1 (1.4)	0.48	0.69 (0.02-17.4)
Upper middle (22)	8 (22.9)	14 (18.9)	0.62	1.27 (0.48-3.38)
Lower middle (74)	24 (68.6)	50 (67.6)	0.16	0.57 (0.27-1.24)
Upper lower (12)	3 (8.6)	9 (12.2)	0.57	0.67 (0.17-2.67)
Lower (0)	0 (0)	0 (0)		
Seizure onset				
Naive (19)	7 (20)	12 (16.2)	0.627	1.29 (0.46-3.63)
Chronic (90)	28 (80)	62 (83.8)	0.627	0.77 (0.28-2.18)
Seizure semiology				
Focal (21)	7 (20)	14 (18.9)	0.89	1.07 (0.39-2.95)
Generalized (57)	17 (48.6)	40 (54.1)	0.59	0.80 (0.35-1.79)
Secondary generalized (29)	10 (28.6)	19 (25.7)	0.75	1.16 (0.47-2.84)
Undetermined (2)	1 (2.9)	1 (1.4)	0.59	2.14 (0.13-35.36)
Seizure frequency				
≥1 month (35)	16 (45.7)	19 (25.7)	0.037	2.06 (1.05-5.68)
Headache (18)	9 (25.7)	9 (12.2)	0.075	2.50 (0.89-7.0)
Status epilepticus (1)	1 (2.9)	0 (0)	0.32	0.32 (0.24-0.42)
H/O medication (71)	24 (68.6)	47 (63.5)	0.605	1.25 (0.53-2.95)
Side of lesion				
Left (57)	19 (54.3)	38 (51.4)	0.78	0.89 (0.402-1.99)
Right (52)	16 (45.7)	36 (48.6)		
Location of lesion				
Frontal (51)	16 (45.7)	35 (47.3)	0.91	1.05 (0.46-2.38)
Parietal (41)	15 (42.9)	26 (35.1)	0.47	1.38 (0.61-3.15)
Temporal (4)	1 (2.9)	3 (4.1)	0.76	0.69 (0.07-6.94)
Occipital (12)	2 (5.7)	10 (13.5)	0.24	0.39 (0.081-1.9)
Caudate (1)	1 (2.9)	0 (0)	0.25	6.56 (0.26-165.2)
Perilesional edema on CT (24)	16 (45.7)	8 (10.8)	<0.01	6.95 (2.58-18.7)
Contrast enhancement on CT (3)	2 (5.7)	1 (1.4)	0.241	4.42 (0.387-50.52)
The density of lesion on CT (HU)			0.009 (VAR 64.83,15.92 to 113.73)	NA
Mean±SD	139.85±76.54	204.67±135.9		
Median (IQR)	112.17 (100.02)	174.9 (165.3)		
The volume of a lesion on CT (cm <sup>3</sup> )			0.32 (VAR 0.041, -0.045 to 0.123)	NA
Mean±SD	0.102±0.24	0.143±0.18		
Median (IQR)	0.049 (0.065)	0.055 (0.132)		
Length of a lesion on CT (mm)			0.82 (VAR 0.1, - 0.81 to 1.003)	NA
Mean±SD	5.33±2.26	5.43±2.20		
Median (IQR)	4.64 (2.50)	5.27 (3.42)		
EEG abnormal (8)	7 (20)	1 (1.4)	<0.01	18.25 (2.15-155.13)

Values are presented as number (%) unless otherwise indicated.

CI, confidence interval; SD, standard deviation; NA, not available; IQR, interquartile range; H/O, history of; CT, computed tomography; HU, lower density; VAR, vector autoregression; EEG, electroencephalogram.