**Table e-3**. Univariate analyses between the drug-resistant and drug-responsive groups with prolonged EEG in discovery cohort

|  |  |  |  |
| --- | --- | --- | --- |
| **Variables** | **Drug-resistant** (n=19) | **Drug-responsive** (n=18) | ***p*** |
| SW/PSW |  |  |  |
| PSW, n (%) | 18 (94.7) | 14 (77.8) | 0.163 |
| Average frequency, Hz (SD) | 3.57 (0.54) | 3.50 (0.45) | 0.641 |
| Average number of spikes, n (SD) | 3.5 (0.99) | 3.2 (0.70) | 0.354 |
| Frequency >3.5Hz n (%) | 17 (89.5) | 16 (88.9) | 0.954 |
| Frequency <2.5Hz, n (%) | 12 (63.2) | 8 (44.4) | 0.257 |
| Unilateral, n (%) | 6 (31.6) | 4 (22.2) | 0.523 |
| Asymmetric onset, n (%) | 6 (31.6) | 5 (27.8) | 0.800 |
| Asymmetric amplitude, n (%) | 9 (47.4) | 8 (44.4) | 0.858 |
| Focal spikes, n (%) | 4 (21.1) | 1 (5.6) | 0.197 |
| GPT during wakefulness |  |  |  |
| Number (%) | 6 (31.6) | 1 (5.6) | NA |
| Average frequency, Hz (SD) | 17.9 (3.1) | 14.3 | 0.133 |
| Average duration, ms (SD) | 370.1 (122.4) | 488 | NA |
| GPT during sleep |  |  |  |
| Number (%) | 14 (73.7) | 3 (16.7) | 0.001 |
| Average frequency, Hz (SD) | 17.7 (2.5) | 16.9 (2.4) | 0.606 |
| Average duration, ms (SD) | 419.7 (95.5) | 461.0 (135.6) | 0.510 |
| GPFA |  |  |  |
| Number (%) | 4 (21.1) | 0 (0) | 0.105 |
| Average frequency, Hz (SD) | 17.4 (1.64) | -- | NA |
| Average duration, ms (SD) | 1336.3 (177.7) | -- | NA |
| GLVFA |  |  |  |
| Number (%) | 1 (5.3) | 0 (0) | 1.0 |
| Frequency\*, Hz | 25.3 | -- | NA |
| Duration\*, ms | 2523 | -- | NA |

CAE=childhood absence epilepsy; GLVFA=generalized low voltage fast activity; GPFA=generalized paroxysmal fast activity; GPT=generalized polyspike train; GTCS=generalized tonic–clonic seizures; GTCSA=generalized tonic–clonic seizures alone; IQR=interquartile range; JAE=juvenile absence epilepsy; JME=juvenile myoclonic epilepsy; NA: not applicable; PSW=polyspike-wave complex; SD=standard deviation; SW=spike-wave complex; \*mean of 10 bursts of GLVFA recorded in one patient