**Table e-1**. Univariable analyses between the drug-resistant and drug-responsive groups in the discovery cohort

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| --- | --- | --- | --- |
| **Variables** | **Drug-resistant****(n=25)** | **Drug-responsive****(n=60)** | ***p*** |
| Female, n (%) | 25 (64) | 27 (45) | 0.153 |
| Median age, years (IQR) | 32 (26-41) | 31.5 (26-43) | 0.863 |
| Median age of onset, years (IQR) | 13 (9-16) | 15.5 (11-22) | 0.422 |
| Febrile seizure, n (%) | 4 (16.0) | 5 (8.3) | 0.303 |
| Family history, n (%)  | 5 (20) | 13 (21.7) | 0.864 |
| Psychiatric comorbidity, n (%) | 11 (44) | 14 (23.3) | 0.061 |
| Number of seizure types ever experienced, n (%) |  |  |  |
| 1, n (%) | 6 (24) | 34 (56.7) | 0.001 |
| 2, n (%) | 10 (40) | 25 (41.6) | 0.005 |
| 3, n (%) | 9 (36) | 1 (1.7) | Reference |
| Classification of seizures ever experienced |  |  |  |
| Myoclonic seizure, n (%) | 11 (44) | 14 (23.3) | 0.061 |
| Absence seizure, n (%) | 17 (68) | 17 (28.3) | 0.001 |
| GTCS, n (%) | 25 (100) | 55 (91.7) | 0.315 |
| Epilepsy syndromes |  |  |  |
| CAE  | 4 (16.0) | 7 (11.7) | 0.130 |
| JAE | 7 (28.0) | 10 (16.7) | 0.043 |
| JME | 9 (36.0) | 14 (23.3) | 0.042 |
| GTCSA | 5 (20.0) | 29 (48.3) | Reference |
| EEG characteristics |  |  |  |
| PSW in EEG | 22 (88) | 43 (71.7) | 0.117 |
| Average frequency of SW/PSW\*, Hz (SD)  | 3.5 (0.53) | 3.7 (0.64) | 0.107 |
| Average spike frequency in PSW, Hz (SD) | 19.1 (2.1) | 18.5 (1.9) | 0.258 |

\* Frequency analysis of SW/PSW included discharges with two or more spikes and up to the first second of each burst and the first 10 bursts.

CAE=childhood absence epilepsy; GTCS=generalized tonic–clonic seizures; GTCSA=generalized tonic–clonic seizures alone; IQR=interquartile range; JAE=juvenile absence epilepsy; JME=juvenile myoclonic epilepsy; PSW=polyspike-wave complex; SD=standard deviation; SW=spike-wave complex