

Table 7

Table 7: Statistical association between seizure type and demographic, clinical and treatment related variables

	The Type of seizure		P value*
	Focal onset	Generalized onset	
Gender			
Male	163 (63.2%)	110 (73.3%)	0.052
Female	95 (36.8%)	40 (26.7%)	
The age of onset of epilepsy			
Infant (up to 1 year)	40 (15.5%)	37 (24.7%)	0.000
Toddler (1-3 years)	38 (14.7%)	26 (17.3%)	
Preschool (3-6years)	45 (17.4%)	40 (26.7%)	
School age child (6-12 years)	122 (47.4%)	35 (23.3%)	
Adolescents (12-18 years)	13 (5%)	12 (8%)	
Comorbidities			
Behavior	46 (17.8%)	49 (32.7%)	0.001
Mood	15 (5.8%)	14 (9.3%)	0.364
Cognitive	56 (21.7%)	54 (36%)	0.002
Developmental delay	78 (30.2%)	77 (51.3%)	0.000
No comorbidity	155 (60.1%)	57 (38%)	0.000
Etiology factors			
Structural	32 (12.4%)	6 (4%)	0.001
Genetic	13 (5%)	22 (14.7%)	
Infectious	4 (1.6%)	0 (0%)	
Metabolic	5 (1.9%)	7 (4.7%)	
Symptomatic	36 (14%)	18 (12%)	
Undetermined/Cryptogenic	24 (9.3%)	21 (14%)	

Unknown	144 (55.8%)	76 (50%)	
Medications currently used			
None	30 (11.6%)	22 (14.7%)	
One	168 (65.1%)	87 (58%)	0.104
Two	46 (17.8%)	27 (18%)	
Three	14 (5.4%)	14 (9.3%)	
Refractory Epilepsy	7 (2.7%)	7 (4.7%)	0.547
Medication used			
Carbamazepine	132 (51.2%)	66 (44%)	0.163
Sodium valproate	128 (49.6%)	56 (37.3)	0.016
Lamotrigine	47 (18.2%)	26 (17.3%)	0.822
Levetiracetam	33 (12.8%)	23 (15.3%)	0.472
Clonazepam	23 (8.9%)	23 (15.3%)	0.048

* Chi-square test

The values in bold are statistically significant