Table 8

Table 8: Statistical associations between refractory epilepsy and clinical and treatment related variables

	Refractory epilepsy		P value*
	Yes	No	
Age of onset epilepsy			
Infant (up to 1 year)	3 (21.4%)	76 (19.1%)	
Toddler (1-3 years)	6 (42.9%)	58 (14.6%)	
Preschool (3-6years)	3 (20.7%)	82 (20.7%)	**0.040**
School age child (6-12 years)	2 (39.3%)	156 (39.3%)	
Adolescents (12-18 years)	0	25 (6.3%)	
Comorbidities			
Cognitive abnormalities	10 (71.4%)	102 (25.7%)	**0.001**
Developmental delay	10 (71.4%)	147 (37%)	**0.009**
Mood abnormalities	1 (7.1%)	28 (7.1%)	0.990
Behavioral abnormalities	5 (35.7%)	92 (23.2%)	0.277
Etiology factor			
Structural	0	38 (9.6%)	
Genetic	5 (35.7%)	30 (7.6%)	
Infectious	0	4 (1%)	
Metabolic	0	12 (3%)	**0.02**
Symptomatic	2 (14.3%)	54 (13.6%)	
Undetermined(cryptogenic)	1 (7.1%)	44 (11.1%)	
Unknown	6 (42.9%)	215 (54.2%)	
Number of drugs using currently			
None	0	53 (13.4%)	
One	1 (7.1%)	254 (64%)	**0.001**

Two	8 (57.1%)	67 (16.9%)	
Three	5 (35.7%)	23 (5.8%)	
Number of drugs used previously			
None	0	70 (17.6%)	**0.001**
One	0	148 (37.3%)	
Two	0	72 (18.1%)	
Three	7 (50%)	52 (13.1%)	
More than three	7 (50%)	55 (13.9%)	
Antiseizure medication			
Carbamazepine	9 (64.3%)	191 (48.1%)	0.234
Sodium valproate	4 (28.6%)	180 (45.3%)	0.215
Lamotrigine	4 (28.6%)	69 (17.4%)	0.282
Levetiracetam	1 (7.1%)	56 (14.1%)	0.459
Clonazepam	2 (14.3%)	44 (11.1%)	0.709

* Chi-square test
The values in bold are statistically significant