**Supplementary Table 1 – Comparison of Epilepsy Type and Etiology between different ethnic groups**

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Epilepsy Type** | | | | **Etiology of Epilepsy** | | | | | | |
| *Focal* | *Generalized* | *Combined* | *Unknown* | *Structural* | *Genetic* | *Infectious* | *Metabolic* | *Immune* | *Unknown* | *Multiple* |
| ***MENA region\**** | *369 (43%)* | *302 (36%)* | *96 (11%)* | *62 (7%)* | *188 (22%)* | *116 (13%)* | *21 (2%)* | *5*  *(1%)* | *3 (0.3%)* | *477 (55%)* | *55 (6%)* |
| ***Asian\*\**** | *150 (46%)* | *123 (38%)* | *34 (10%)* | *10 (3%)* | *84 (26%)* | *28 (9%)* | *6 (2%)* | *1*  *(0.3%)* | *1 (0.3%)* | *194 (59%)* | *15 (5%)* |
| ***African****#* | *42 (43%)* | *37 (38%)* | *13 (13%)* | *4*  *(4%)* | *21 (21%)* | *6*  *(6%)* | *3 (3%)* | *-* | *-* | *68 (67%)* | *4 (4%)* |
| ***Caucasian*** *##* | *29 (48%)* | *22 (36%)* | *6 (10%)* | *2*  *(3%)* | *16 (26%)* | *7 (11%)* | *-* | *-* | *-* | *34 (56%)* | *3 (5%)* |

*\*MENA: Middle East North African region includes 18 countries (Algerian; Bahraini; Egyptian; Emirati; Iranian; Iraqi; Jordanian; Kuwaiti; Lebanese; Libyan; Moroccan; Omani; Palestinian; Qatari; Saudi; Syrian; Tunisian; Yemeni)*

*\*\*South Asian includes 10 countries (Afghan, Azerbaijani, Bangladeshi, Filipino, Indian, Indonesian, Japanese, Pakistani, Sri Lankan, Tajikistani)*

*#African includes 12 countries (Eritrea, Ethiopian, Ghanaian, Kenyan, Mauritanian, Mozambican, Nigerian, Nigerien, Somali, South African, Sudanese, Tanzanian)*

*##Caucasian includes 15 countries (American, Australian, Austrian, Belarussian, Dutch, French, Greek, Macedonian, Romanian, Russian, Swedish, Turkish, British, Canadian, Italian)*

*+1 patient from Brazil not included in the analysis*