

Table 1 – Included studies stratified by type of attitudes/stigma and region

|                                                                  | Asia and Oceania<br>N = 46 studies                                                                                                                                                                                                                                                 | Africa<br>N = 40                                                                                      | East Mediterranean<br>N = 16                                                                         | Europe<br>N = 44                                                                                                            | Latin America<br>N = 14                                                                              | North America<br>N = 25                                                                                                                                                    |
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| <b>Attitudes towards person with epilepsy and enacted stigma</b> |                                                                                                                                                                                                                                                                                    |                                                                                                       |                                                                                                      |                                                                                                                             |                                                                                                      |                                                                                                                                                                            |
| <b>Sample size</b>                                               | Mean = 643.65<br>Range 10-2610                                                                                                                                                                                                                                                     | Mean = 503.03 (excluding Grunitzky)<br>Range = 66-3256                                                | Mean = 1754.06<br>Range = 121-16500                                                                  | Mean = 641.29<br>Range = 22-3875                                                                                            | Mean = 396.36<br>Range = 18-1850                                                                     | Mean = 1291.72<br>Range = 27-19441                                                                                                                                         |
| <b>Study type</b>                                                | Population based = 19<br>Non population based = 13<br>Unclear or Unspecified = 14                                                                                                                                                                                                  | Population based = 16<br>Non population based = 12<br>Unclear or Unspecified = 12                     | Population based = 5<br>Non population based = 7<br>Unclear or Unspecified = 4                       | Population based = 12<br>Non population based = 17<br>Unclear or Unspecified = 15                                           | Population based = 2<br>Non population based = 10<br>Unclear or Unspecified = 2                      | Population based = 1<br>Non population based = 9<br>Unclear or Unspecified = 15                                                                                            |
| <b>Target respondents</b>                                        | Persons with epilepsy = 5<br>General public = 23<br>Students = 4<br>Teachers = 6<br>Others = 8                                                                                                                                                                                     | Persons with epilepsy = 2<br>General public = 13<br>Students = 6<br>Teachers = 7<br>Others = 12       | Persons with epilepsy = 0<br>General public = 8<br>Students = 2<br>Teachers = 2<br>Others = 4        | Persons with epilepsy = 2<br>General public = 20<br>Students = 4<br>Teachers = 6<br>Others = 12                             | Persons with epilepsy = 1<br>General public = 1<br>Students = 6<br>Teachers = 3<br>Others = 3        | Persons with epilepsy = 2<br>General public = 4<br>Students = 2<br>Teachers = 6<br>Others = 11                                                                             |
| <b>Age group of respondents</b>                                  | Children = 3<br>Adults = 34<br>Both = 7<br>Not specified = 2                                                                                                                                                                                                                       | Children = 3<br>Adults = 25<br>Both = 10<br>Not specified = 2                                         | Children = 2<br>Adults = 12<br>Both = 1                                                              | Children = 3<br>Adults = 32<br>Both = 7<br>Not Specified = 2                                                                | Children = 2<br>Adults = 10<br>Both = 2                                                              | Children = 4<br>Adults = 20<br>Both = 1                                                                                                                                    |
| <b>Ascertainment method</b>                                      | <b>Quantitative</b> = 43<br>- Validated = 15<br>- Not Validated/Unclear = 28<br><b>Qualitative</b> = 3                                                                                                                                                                             | <b>Quantitative</b> = 39<br>- Validated = 4<br>- Not Validated/Unclear = 35<br><b>Qualitative</b> = 1 | <b>Quantitative</b> = 14<br>- Validated = 6<br>- Not Validated/Unclear = 8<br><b>Qualitative</b> = 0 | <b>Quantitative</b> = 42<br>- Validated = 5<br>- Not Validated/Unclear = 37<br><b>Qualitative</b> = 2                       | <b>Quantitative</b> = 14<br>- Validated = 5<br>- Not Validated/Unclear = 9<br><b>Qualitative</b> = 0 | <b>Quantitative</b> = 24<br>- Validated = 8<br>- Not Validated/Unclear = 16<br><b>Qualitative</b> = 1                                                                      |
| <b>Validated scales used</b>                                     | - Public Attitudes Towards Epilepsy Scale<br>- Implicit Association Test<br>- Stigma Scale for Epilepsy<br>- Scale of Attitudes Toward Persons with Epilepsy (ATPE)<br>- Knowledge, attitude and practice towards epilepsy<br>- Malay Awareness, Knowledge, and Attitudes Epilepsy | - The semantic differential<br>- The behavioral differential of Triandis                              | - Epilepsy Attitude Scale                                                                            | - Stigmatization of patients with epilepsy questionnaire<br>- Attitudes and Beliefs about Living with Epilepsy (ABLE) scale | - KAP Questionnaire (Knowledge, Attitude and Perception)<br>- Stigma Scale of Epilepsy               | - Stigma Scale of Epilepsy<br>- Epilepsy Beliefs and Attitudes Scale<br>- Attitudes Towards Persons with Epilepsy (ATPE)<br>- Fishbein Expectancy-Value Model of Attitudes |
| <b>Attitudes towards self and felt stigma</b>                    |                                                                                                                                                                                                                                                                                    |                                                                                                       |                                                                                                      |                                                                                                                             |                                                                                                      |                                                                                                                                                                            |
|                                                                  | Asia and Oceania<br>N = 26                                                                                                                                                                                                                                                         | Africa<br>N = 14                                                                                      | East Mediterranean<br>N = 2                                                                          | Europe<br>N = 24                                                                                                            | Latin America<br>N = 10                                                                              | North America<br>N = 32                                                                                                                                                    |
| <b>Sample size</b>                                               | Mean = 130<br>Range = 12-530                                                                                                                                                                                                                                                       | Mean = 152.79<br>Range = 4-423                                                                        | Mean = 1946<br>Range = 45-3847                                                                       | Mean = 771.58<br>Range = 10-6156                                                                                            | Mean = 364.1<br>Range = 30-1850                                                                      | Mean = 220.22<br>Range = 15-1023                                                                                                                                           |
| <b>Study type</b>                                                | Population based = 0<br>Non population based = 24<br>Unclear or Unspecified = 2                                                                                                                                                                                                    | Population based = 1<br>Non population base = 11<br>Unclear or unspecified = 2                        | Not population based = 1<br>Unclear or unspecified = 1                                               | Population based = 3<br>Not population based = 17<br>Unclear or unspecified = 4                                             | Population based = 1<br>Non population based = 8<br>Unclear or unspecified = 1                       | Population based = 2<br>Not population based = 18<br>Unclear or unspecified = 12                                                                                           |
| <b>Target respondents</b>                                        | Persons with epilepsy = 18<br>Others = 8                                                                                                                                                                                                                                           | Persons with epilepsy = 11<br>Other = 3                                                               | Persons with epilepsy = 2                                                                            | Persons with epilepsy = 22<br>Other = 2                                                                                     | Persons with epilepsy = 7<br>General Public = 1<br>Students = 1<br>Other = 1                         | Persons with epilepsy = 27<br>Other = 5                                                                                                                                    |

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| <b>Age group of respondents</b>                 | Children = 4<br>Adults = 19<br>Both = 3                                                                                                                  | Children = 5<br>Adults = 9                                                                            | Adults = 2                                                                                          | Adults = 20<br>Both = 4                                                                                                                                                | Children = 2<br>Adults = 5<br>Both = 3                                                               | Children = 6<br>Adults = 22<br>Both = 4                                                                                                                                                                                                                                                                                                  |
| <b>Ascertainment method</b>                     | <b>Quantitative</b> = 20<br>- Validated = 17<br>- Not Validated/Unclear = 3<br><b>Qualitative</b> = 6                                                    | <b>Quantitative</b> = 13<br>- Validated = 10<br>- Not Validated/Unclear = 3<br><b>Qualitative</b> = 1 | <b>Quantitative</b> = 2<br>- Validated = 1<br>- Not Validated/Unclear = 1<br><b>Qualitative</b> = 0 | <b>Quantitative</b> = 23<br>- Validated = 17<br>- Not Validated/Unclear = 6<br><b>Qualitative</b> = 1                                                                  | <b>Quantitative</b> = 10<br>- Validated = 7<br>- Not Validated/Unclear = 3<br><b>Qualitative</b> = 0 | <b>Quantitative</b> = 32<br>- Validated = 23<br>- Not Validated/Unclear = 9<br><b>Qualitative</b> = 0                                                                                                                                                                                                                                    |
| <b>Validated scales used</b>                    | - Stigma Scale in Epilepsy<br>- Epilepsy Stigma Scale<br>- Child Stigma Scale<br>- Parents Stigma Scale<br>- Epilepsy Surgery Inventory-55 questionnaire | - Family Interview Schedule<br>- Stigma Scale<br>- Kilifi Stigma Scale<br>- Epilepsy Stigma Scale     | - Jacoby stigma scale                                                                               | - Stigma Scale for people with intellectual impairment<br>- Stigma Scale of Epilepsy<br>- Epilepsy Attitudes Scale<br>- Epilepsy Stigma Scale<br>- Jacoby Stigma Scale | - Stigma Scale of Epilepsy                                                                           | - Child Attitude Toward Illness Scale (CATIS)<br>- Child Stigma Scale<br>- Epilepsy Stigma Scale<br>- Jacoby Stigma Scale<br>- Ryan (1980) scale<br>- Link (1991) scale<br>- Parent Stigma Scale<br>- Liverpool Stigma Scale<br>- Adult Stigma Scale<br>- Perceived Stigma Scale<br>- Mittan scale<br>- Stigma Scale for Chronic Illness |
| Attitudes towards both, and Felt/Enacted Stigma |                                                                                                                                                          |                                                                                                       |                                                                                                     |                                                                                                                                                                        |                                                                                                      |                                                                                                                                                                                                                                                                                                                                          |
|                                                 | Asia and Oceania<br>N = 11                                                                                                                               | Africa<br>N = 7                                                                                       | East Mediterranean<br>N = 1                                                                         | Europe<br>N = 20                                                                                                                                                       | Latin America<br>N = 5                                                                               | North America<br>N = 5                                                                                                                                                                                                                                                                                                                   |
| <b>Sample size</b>                              | Mean = 579.36<br>Range = 59-2275                                                                                                                         | Mean = 157.86<br>Range = 16-338                                                                       | 533 participants                                                                                    | Mean = 228.7<br>Range = 19-696                                                                                                                                         | Mean = 243.8<br>Range = 100-498                                                                      | Mean = 638.8<br>Range = 9-2931                                                                                                                                                                                                                                                                                                           |
| <b>Study type</b>                               | Population based = 2<br>Not population based = 4<br>Case-control study = 1<br>Unclear or unspecified = 4                                                 | Not population based = 4<br>Unclear or unspecified = 3                                                | Not population based = 1                                                                            | Population based = 1<br>Not population based = 16<br>Unclear or unspecified = 3                                                                                        | Not population based = 5                                                                             | Not population based = 2<br>Unclear or unspecified = 3                                                                                                                                                                                                                                                                                   |
| <b>Target respondents</b>                       | Persons with epilepsy = 8<br>Other = 3                                                                                                                   | Persons with epilepsy = 5<br>Other = 2                                                                | Persons with epilepsy and parents/caregivers = 1                                                    | Persons with Epilepsy = 15<br>Other = 5                                                                                                                                | Persons with Epilepsy = 4<br>Other = 1                                                               | Persons with epilepsy = 3<br>Other = 2                                                                                                                                                                                                                                                                                                   |
| <b>Age group of respondents</b>                 | Adults = 10<br>Children and Adults = 1                                                                                                                   | Adults = 5<br>Children and Adults = 2                                                                 | Children and Adults = 1                                                                             | Children = 2<br>Adults = 10<br>Both = 5<br>Not specified = 3                                                                                                           | Children = 1<br>Adults = 3<br>Both = 1                                                               | Adults = 3<br>Children and Adults = 2                                                                                                                                                                                                                                                                                                    |
| <b>Ascertainment method</b>                     | <b>Quantitative</b> = 9<br>- Validated = 4<br>- Not Validated/Unclear = 5<br><b>Qualitative</b> = 2                                                      | <b>Quantitative</b> = 6<br>- Validated = 2<br>- Not Validated/Unclear = 4<br><b>Qualitative</b> = 1   | <b>Quantitative</b> = 1<br>- Not Validated/Unclear = 1<br><b>Qualitative</b> = 0                    | <b>Quantitative</b> = 18<br>- Validated = 6<br>- Not Validated/Unclear = 12<br><b>Qualitative</b> = 2                                                                  | <b>Quantitative</b> = 5<br>- Validated = 1<br>- Not Validated/Unclear = 4<br><b>Qualitative</b> = 0  | <b>Quantitative</b> = 3<br>- Validated = 0<br>- Not Validated/Unclear = 3<br><b>Qualitative</b> = 2                                                                                                                                                                                                                                      |
| <b>Validated scales used</b>                    | - Knowledge Attitudes and Practice Questionnaire<br>- Jacoby Stigma Scale                                                                                | - Jacoby Stigma Scale                                                                                 | None                                                                                                | - Self-esteem scale<br>- Jacoby Stigma Scale<br>- Child Stigma Scale                                                                                                   | Stigma Scale of Epilepsy                                                                             | None                                                                                                                                                                                                                                                                                                                                     |