Supplementary Table

PROMIS linked scores from original and validation data sets, by each linking method

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Percentage | | Unidimensional | | Equipercentile | | Calibrated Projection | |
| PHQ-9  Raw | O | V | O | V | O | V | O | V |
| 0 | 21.8 | 20.9 | 37.4 | 36.1 | 35.9 | 34.7 | 38.2 | 35.7 |
| 1 | 10.6 | 7.6 | 42.6 | 41.0 | 43.9 | 42.1 | 44.2 | 42.5 |
| 2 | 9.8 | 6.7 | 45.9 | 44.3 | 47.1 | 45.9 | 47.3 | 45.9 |
| 3 | 6.4 | 5.3 | 48.2 | 46.9 | 49.3 | 48.3 | 49.5 | 48.4 |
| 4 | 7.1 | 6.0 | 50.5 | 49.2 | 51.2 | 50.2 | 51.4 | 50.5 |
| 5 | 6.4 | 4.2 | 52.5 | 51.1 | 53.0 | 51.9 | 53.1 | 52.2 |
| 6 | 6.3 | 4.6 | 54.2 | 52.9 | 54.7 | 53.5 | 54.5 | 53.7 |
| 7 | 4.1 | 4.0 | 55.8 | 54.6 | 56.3 | 55.1 | 55.8 | 55.1 |
| 8 | 4.0 | 3.6 | 57.3 | 56.1 | 57.8 | 56.6 | 57.1 | 56.5 |
| 9 | 2.5 | 4.9 | 58.6 | 57.5 | 59.2 | 58.1 | 58.2 | 57.7 |
| 10 | 2.4 | 3.6 | 59.9 | 58.9 | 60.5 | 59.5 | 59.3 | 58.9 |
| 11 | 2.5 | 3.3 | 61.2 | 60.2 | 61.7 | 60.9 | 60.3 | 60.0 |
| 12 | 2.0 | 3.5 | 62.4 | 61.5 | 62.8 | 62.2 | 61.3 | 61.1 |
| 13 | 1.6 | 3.0 | 63.6 | 62.8 | 63.8 | 63.4 | 62.3 | 62.2 |
| 14 | 2.3 | 2.9 | 64.8 | 64.0 | 64.8 | 64.5 | 63.3 | 63.3 |
| 15 | 1.5 | 2.2 | 65.9 | 65.2 | 65.8 | 65.6 | 64.2 | 64.3 |
| 16 | 0.9 | 2.0 | 67.0 | 66.5 | 66.7 | 66.7 | 65.2 | 65.3 |
| 17 | 1.2 | 2.3 | 68.2 | 67.7 | 67.7 | 67.8 | 66.1 | 66.4 |
| 18 | 1.3 | 2.0 | 69.3 | 68.9 | 68.7 | 68.9 | 67.1 | 67.4 |
| 19 | 1.1 | 0.9 | 70.4 | 70.2 | 69.7 | 70.1 | 68.0 | 68.5 |
| 20 | 0.9 | 1.0 | 71.6 | 71.5 | 70.8 | 71.2 | 69.1 | 69.6 |
| 21 | 0.3 | 0.8 | 72.8 | 72.8 | 71.9 | 72.5 | 70.1 | 70.8 |
| 22 | 0.1 | 0.9 | 74.1 | 74.2 | 73.0 | 73.8 | 71.3 | 72.0 |
| 23 | 0.8 | 1.1 | 75.5 | 75.7 | 74.0 | 75.2 | 72.5 | 73.4 |
| 24 | 0.5 | 0.6 | 76.9 | 77.3 | 75.1 | 77.0 | 73.8 | 74.9 |
| 25 | 0.5 | 0.4 | 78.5 | 79.0 | 76.4 | 79.7 | 75.4 | 76.5 |
| 26 | 0.4 | 0.7 | 80.2 | 81.0 | 78.2 | 83.2 | 77.0 | 78.4 |
| 27 | 0.5 | 0.8 | 82.5 | 83.1 | 83.1 | 84.9 | 79.6 | 80.9 |

*Note.* O = Original dataset; V = Validation dataset.