

Appendix Table 63: Raw Score to T-Score Conversion Table (IRT Fixed Parameter Calibration Linking) for PROMIS v1.0 Satisfaction w/ Participation in Social Roles Full Item Bank and PROMIS v2.0 Satisfaction w/ Social Roles & Activities (PROsetta Stone Wave 2 Study)

| PROMIS Satisfaction w/ Participation in Social Roles v1.0 T-score | PROMIS Satisfaction w/ Participation in Social Roles v1.0 Raw Score | PROMIS Satisfaction w/ Social Roles & Activities v2.0 T-score | SE |
|--------------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------|
| 28.4 | 15 | 26.3 | 2.8 |
| 29.9 | 16 | 28.0 | 2.5 |
| 31.1 | 17 | 29.2 | 2.2 |
| 32.1 | 18 | 30.3 | 2.0 |
| 32.9 | 19 | 31.2 | 1.9 |
| 33.6 | 20 | 32.0 | 1.8 |
| 34.2 | 21 | 32.7 | 1.8 |
| 34.8 | 22 | 33.4 | 1.7 |
| 35.4 | 23 | 34.1 | 1.7 |
| 35.9 | 24 | 34.1 | 1.7 |
| 36.4 | 25 | 35.3 | 1.7 |
| 36.9 | 26 | 35.8 | 1.7 |
| 37.4 | 27 | 36.4 | 1.7 |
| 37.9 | 28 | 37.0 | 1.6 |
| 38.4 | 29 | 37.5 | 1.6 |
| 38.8 | 30 | 38.0 | 1.6 |
| 39.3 | 31 | 38.5 | 1.6 |
| 39.8 | 32 | 39.1 | 1.6 |
| 40.2 | 33 | 39.6 | 1.6 |
| 40.7 | 34 | 40.1 | 1.6 |
| 41.2 | 35 | 40.6 | 1.6 |
| 41.6 | 36 | 41.1 | 1.6 |
| 42.1 | 37 | 41.6 | 1.6 |
| 42.6 | 38 | 42.1 | 1.6 |
| 43.1 | 39 | 42.6 | 1.6 |
| 43.6 | 40 | 43.1 | 1.6 |
| 44.0 | 41 | 43.6 | 1.6 |
| 44.5 | 42 | 44.2 | 1.6 |
| 45.0 | 43 | 44.7 | 1.6 |
| 45.5 | 44 | 45.2 | 1.6 |

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| 46.0 | 45 | 45.7 | 1.7 |
| 46.6 | 46 | 46.2 | 1.7 |
| 47.1 | 47 | 46.8 | 1.7 |
| 47.6 | 48 | 47.3 | 1.7 |
| 48.2 | 49 | 47.8 | 1.7 |
| 48.7 | 50 | 48.4 | 1.7 |
| 49.2 | 51 | 48.9 | 1.7 |
| 49.8 | 52 | 49.5 | 1.7 |
| 50.4 | 53 | 50.0 | 1.7 |
| 50.9 | 54 | 50.6 | 1.7 |
| 51.5 | 55 | 51.1 | 1.7 |
| 52.1 | 56 | 51.7 | 1.7 |
| 52.7 | 57 | 52.3 | 1.7 |
| 53.3 | 58 | 52.9 | 1.7 |
| 53.9 | 59 | 53.6 | 1.7 |
| 54.6 | 60 | 54.2 | 1.7 |
| 55.2 | 61 | 54.9 | 1.7 |
| 55.9 | 62 | 55.6 | 1.8 |
| 56.5 | 63 | 56.3 | 1.8 |
| 57.3 | 64 | 57.1 | 1.9 |
| 58.1 | 65 | 58.0 | 2.0 |
| 59.0 | 66 | 59.0 | 2.1 |
| 60.0 | 67 | 60.2 | 2.3 |
| 61.4 | 68 | 61.7 | 2.7 |
| 63.4 | 69 | 63.7 | 3.1 |
| 67.9 | 70 | 68.2 | 4.8 |