

Appendix I, Table 2: Pearson Correlations of PROMIS domains with comparison measures, Osteoarthritis of the Knee cross-sectional sample

| | Physical Function | Sleep Disturbance | Depression | Anxiety | Life Satisfaction | Satisfaction w/SRA | Ability to Engage in SRA | Social Isolation | Independence | Fatigue | Pain Interference | Symptoms | Pain Intensity | Anger |
|----------------------------------|-------------------|-------------------|------------|---------|-------------------|--------------------|--------------------------|------------------|--------------|---------|-------------------|----------|----------------|-------|
| PROMIS Global - Physical | 0.68 | -0.32 | -0.48 | -0.51 | 0.37 | 0.52 | 0.59 | -0.49 | 0.46 | -0.57 | -0.62 | -0.42 | -0.51 | -0.50 |
| PROMIS Global - Mental | 0.49 | -0.32 | -0.59 | -0.41 | 0.39 | 0.47 | 0.49 | -0.51 | 0.38 | -0.51 | -0.49 | -0.29 | -0.31 | -0.39 |
| KOOS: Symptoms | -0.68 | 0.43 | 0.49 | 0.61 | -0.25 | -0.43 | -0.58 | 0.52 | -0.44 | 0.59 | 0.69 | 0.71 | 0.75 | 0.59 |
| KOOS: Pain | -0.73 | 0.39 | 0.52 | 0.61 | -0.25 | -0.41 | -0.62 | 0.56 | -0.47 | 0.61 | 0.75 | 0.62 | 0.77 | 0.58 |
| KOOS: Activities of Daily Living | -0.75 | 0.38 | 0.56 | 0.63 | -0.35 | -0.47 | -0.65 | 0.60 | -0.53 | 0.63 | 0.76 | 0.61 | 0.72 | 0.57 |
| KOOS: Sports and Recreation | -0.58 | 0.31 | 0.30 | 0.47 | -0.20 | -0.42 | -0.51 | 0.36 | -0.28 | 0.45 | 0.57 | 0.58 | 0.58 | 0.52 |
| KOOS: Quality of Life | -0.67 | 0.42 | 0.41 | 0.57 | -0.27 | -0.53 | -0.63 | 0.50 | -0.38 | 0.52 | 0.66 | 0.65 | 0.67 | 0.60 |

Abbreviations: KOOS is Knee injury and Osteoarthritis Outcome Score; PROMIS is Patient-Reported Outcomes Measurement Information System; SRA is Social Roles and Activities.