

Appendix J, Table 1: Spearman Correlations of PROMIS domains, 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 |
|--------------------------|-------------------|-------------------|------------|---------|-------------------|--------------------|--------------------------|------------------|--------------|---------|-------------------|----------|----------------|-------|
| Physical Function | 1.00 | | | | | | | | | | | | | |
| Sleep Disturbance | -0.35 | 1.00 | | | | | | | | | | | | |
| Depression | -0.55 | 0.33 | 1.00 | | | | | | | | | | | |
| Anxiety | -0.65 | 0.35 | 0.65 | 1.00 | | | | | | | | | | |
| Life Satisfaction | 0.28 | -0.39 | -0.37 | -0.28 | 1.00 | | | | | | | | | |
| Satisfaction w/SRA | 0.53 | -0.49 | -0.49 | -0.46 | 0.56 | 1.00 | | | | | | | | |
| Ability to Engage in SRA | 0.67 | -0.36 | -0.60 | -0.64 | 0.34 | 0.58 | 1.00 | | | | | | | |
| Social Isolation | -0.58 | 0.31 | 0.74 | 0.58 | -0.36 | -0.51 | -0.73 | 1.00 | | | | | | |
| Independence | 0.49 | -0.32 | -0.49 | -0.44 | 0.43 | 0.55 | 0.49 | -0.52 | 1.00 | | | | | |
| Fatigue | -0.66 | 0.42 | 0.67 | 0.63 | -0.29 | -0.50 | -0.68 | 0.66 | -0.46 | 1.00 | | | | |
| Pain Interference | -0.76 | 0.39 | 0.67 | 0.69 | -0.33 | -0.55 | -0.76 | 0.70 | -0.55 | 0.77 | 1.00 | | | |
| Symptoms | -0.60 | 0.35 | 0.44 | 0.53 | -0.19 | -0.37 | -0.54 | 0.46 | -0.29 | 0.57 | 0.68 | 1.00 | | |
| Pain Intensity | -0.65 | 0.36 | 0.46 | 0.57 | -0.23 | -0.41 | -0.57 | 0.48 | -0.35 | 0.53 | 0.70 | 0.68 | 1.00 | |
| Anger | -0.64 | 0.32 | 0.55 | 0.72 | -0.25 | -0.50 | -0.64 | 0.54 | -0.41 | 0.57 | 0.68 | 0.54 | 0.56 | 1.00 |

Abbreviation: PROMIS is Patient-Reported Outcomes Measurement Information System; SRA is Social Roles and Activities.