

## Appendix J. Spearman Correlations of Osteoarthritis of the Knee Measures in the Cross-sectional Sample

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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.

Appendix J, Table 2: Spearman 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	0.66	-0.29	-0.48	-0.49	0.34	0.52	0.56	-0.47	0.42	-0.55	-0.60	-0.39	-0.48	-0.48
PROMIS Global - Mental	0.48	-0.31	-0.59	-0.39	0.37	0.46	0.46	-0.49	0.35	-0.49	-0.48	-0.28	-0.30	-0.37
KOOS: Symptoms	-0.67	0.41	0.49	0.62	-0.24	-0.43	-0.60	0.53	-0.40	0.59	0.69	0.69	0.74	0.58
KOOS: Pain	-0.72	0.39	0.52	0.60	-0.24	-0.42	-0.62	0.55	-0.43	0.59	0.73	0.60	0.75	0.58
KOOS: Activities of Daily Living	-0.73	0.36	0.56	0.62	-0.32	-0.45	-0.63	0.57	-0.47	0.61	0.73	0.59	0.70	0.56
KOOS: Sports and Recreation	-0.56	0.31	0.31	0.47	-0.19	-0.41	-0.50	0.34	-0.25	0.44	0.55	0.57	0.57	0.53
KOOS: Quality of Life	-0.65	0.41	0.40	0.56	-0.25	-0.51	-0.62	0.48	-0.34	0.52	0.65	0.63	0.66	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.

*Appendix J, Table 3: Spearman Correlations of 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
PROMIS Global - Physical	1.00						
PROMIS Global - Mental	0.62	1.00					
KOOS: Symptoms	-0.46	-0.31	1.00				
KOOS: Pain	-0.52	-0.34	0.82	1.00			
KOOS: Activities of Daily Living	-0.54	-0.38	0.77	0.87	1.00		
KOOS: Sports and Recreation	-0.41	-0.23	0.57	0.59	0.58	1.00	
KOOS: Quality of Life	-0.47	-0.28	0.69	0.72	0.68	0.76	1.00

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