

Appendix I. Pearson Correlations of Osteoarthritis of the Knee Measures in the Cross-sectional Sample

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Appendix I, Table 1: Pearson 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	-0.37	1.00												
Depression	-0.54	0.35	1.00											
Anxiety	-0.66	0.37	0.65	1.00										
Life Satisfaction	0.31	-0.40	-0.39	-0.31	1.00									
Satisfaction w/SRA	0.55	-0.50	-0.50	-0.48	0.57	1.00								
Ability to Engage in SRA	0.69	-0.39	-0.60	-0.65	0.36	0.62	1.00							
Social Isolation	-0.59	0.35	0.73	0.58	-0.38	-0.55	-0.73	1.00						
Independence	0.54	-0.35	-0.52	-0.49	0.46	0.59	0.53	-0.55	1.00					
Fatigue	-0.65	0.45	0.67	0.63	-0.31	-0.52	-0.69	0.66	-0.50	1.00				
Pain Interference	-0.77	0.42	0.67	0.70	-0.36	-0.57	-0.76	0.71	-0.59	0.78	1.00			
Symptoms	-0.60	0.38	0.44	0.54	-0.21	-0.39	-0.55	0.47	-0.33	0.57	0.68	1.00		
Pain Intensity	-0.66	0.37	0.46	0.56	-0.25	-0.42	-0.57	0.49	-0.39	0.54	0.70	0.68	1.00	
Anger	-0.64	0.33	0.56	0.74	-0.27	-0.51	-0.65	0.55	-0.45	0.58	0.69	0.55	0.55	1.00

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

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.

Appendix I, Table 3: Pearson 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	0.63	1.00					
KOOS: Symptoms	-0.47	-0.31	1.00				
KOOS: Pain	-0.55	-0.35	0.84	1.00			
KOOS: Activities of Daily Living	-0.57	-0.39	0.80	0.89	1.00		
KOOS: Sports and Recreation	-0.43	-0.24	0.60	0.61	0.60	1.00	
KOOS: Quality of Life	-0.49	-0.30	0.71	0.73	0.71	0.75	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.