

Appendix H. Spearman Correlations of Heart Failure Measures in the Cross-sectional Sample

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Appendix H, Table 1: Spearman Correlations of PROMIS domains, Heart Failure cross-sectional sample

	Dyspnea	Physical Function	Fatigue	Sleep Disturbance	Depression	Anxiety	Life Satisfaction	Satisfaction w/SRA	Ability to Engage in SRA	Social Isolation	Illness Burden	Independence	Pain Interference	Symptoms	Health Behavior Outcomes	Cognitive Function	Cognitive Abilities	Anger
Dyspnea	1.00																	
Physical Function	-0.76	1.00																
Fatigue	0.53	-0.68	1.00															
Sleep Disturbance	0.36	-0.42	0.55	1.00														
Depression	0.44	-0.50	0.62	0.54	1.00													
Anxiety	0.44	-0.50	0.56	0.43	0.70	1.00												
Life Satisfaction	-0.47	0.52	-0.51	-0.39	-0.58	-0.57	1.00											
Satisfaction w/SRA	-0.34	0.44	-0.54	-0.37	-0.47	-0.40	0.50	1.00										
Ability to Engage in SRA	-0.46	0.59	-0.65	-0.44	-0.58	-0.54	0.52	0.43	1.00									
Social Isolation	0.39	-0.48	0.55	0.48	0.62	0.56	-0.45	-0.39	-0.64	1.00								
Illness Burden	0.41	-0.43	0.45	0.45	0.54	0.53	-0.42	-0.35	-0.46	0.43	1.00							
Independence	-0.51	0.58	-0.57	-0.38	-0.53	-0.49	0.58	0.53	0.61	-0.51	-0.42	1.00						
Pain Interference	0.55	-0.62	0.62	0.55	0.60	0.52	-0.50	-0.38	-0.55	0.49	0.47	-0.54	1.00					
Symptoms	0.56	-0.61	0.64	0.52	0.60	0.61	-0.49	-0.39	-0.56	0.51	0.46	-0.49	0.65	1.00				
Health Behavior Outc.	-0.19	0.09	0.00	-0.03	-0.07	-0.02	0.20	0.24	0.03	-0.02	-0.12	0.13	-0.07	0.00	1.00			
Cognitive Function	-0.48	0.49	-0.58	-0.47	-0.73	-0.64	0.55	0.41	0.57	-0.56	-0.50	0.48	-0.54	-0.58	0.09	1.00		
Cognitive Abilities	-0.22	0.16	-0.18	-0.19	-0.21	-0.10	0.29	0.32	0.14	-0.14	-0.16	0.25	-0.21	-0.14	0.30	0.22	1.00	
Anger	0.28	-0.42	0.53	0.39	0.59	0.65	-0.47	-0.39	-0.48	0.46	0.47	-0.44	0.40	0.43	0.00	-0.54	-0.05	1.00

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

Appendix H, Table 2: Spearman Correlations of PROMIS domains with comparison measures, Heart Failure cross-sectional sample

	Dyspnea	Physical Function	Fatigue	Sleep Disturbance	Depression	Anxiety	Life Satisfaction	Satisfaction w/SRA	Ability to Engage in SRA	Social Isolation	Illness Burden	Independence	Pain Interference	Symptoms	Health Behavior Outcomes	Cognitive Function	Cognitive Abilities	Anger
PROMIS Global - Physical	-0.58	0.60	-0.61	-0.40	-0.47	-0.44	0.44	0.47	0.48	-0.48	-0.34	0.50	-0.51	-0.49	0.07	0.43	0.19	-0.41
PROMIS Global - Mental	-0.41	0.48	-0.52	-0.37	-0.56	-0.42	0.47	0.46	0.43	-0.44	-0.36	0.42	-0.41	-0.41	0.14	0.49	0.23	-0.40
KCCQ: Physical Limitation	-0.57	0.62	-0.56	-0.36	-0.42	-0.43	0.44	0.48	0.48	-0.38	-0.38	0.50	-0.49	-0.49	0.13	0.41	0.20	-0.32
KCCQ: Symptom Stability	-0.30	0.35	-0.38	-0.29	-0.31	-0.28	0.29	0.33	0.28	-0.30	-0.25	0.31	-0.33	-0.36	0.03	0.26	0.07	-0.28
KCCQ: Symptom Frequency	-0.45	0.53	-0.64	-0.49	-0.52	-0.51	0.42	0.48	0.54	-0.46	-0.44	0.48	-0.54	-0.58	0.09	0.51	0.20	-0.43
KCCQ: Symptom Burden	-0.49	0.57	-0.61	-0.49	-0.51	-0.56	0.51	0.46	0.52	-0.48	-0.45	0.52	-0.55	-0.58	0.08	0.49	0.19	-0.46
KCCQ: Self-Efficacy	-0.40	0.27	-0.20	-0.21	-0.34	-0.28	0.30	0.26	0.18	-0.22	-0.29	0.31	-0.26	-0.29	0.36	0.30	0.27	-0.16
KCCQ: Quality of Life	-0.43	0.45	-0.54	-0.46	-0.56	-0.53	0.56	0.53	0.48	-0.46	-0.47	0.52	-0.46	-0.45	0.19	0.48	0.35	-0.44
KCCQ: Social Limitation	-0.53	0.60	-0.61	-0.44	-0.54	-0.52	0.56	0.56	0.52	-0.45	-0.47	0.56	-0.50	-0.54	0.15	0.50	0.24	-0.39

Abbreviation: KCCQ is Kansas City Cardiomyopathy Questionnaire; PROMIS is Patient-Reported Outcomes Measurement Information System; SRA is Social Roles and Activities.

Appendix H, Table 3: Spearman Correlations of comparison measures, Heart Failure cross-sectional sample

	PROMIS Global - Physical	PROMIS Global - Mental	KCCQ: Physical Limitation	KCCQ: Symptom Stability	KCCQ: Symptom Frequency	KCCQ: Symptom Burden	KCCQ: Self-Efficacy	KCCQ: Quality of Life	KCCQ: Social Limitation
PROMIS Global - Physical	1.00								
PROMIS Global - Mental	0.65	1.00							
KCCQ: Physical Limitation	0.49	0.37	1.00						
KCCQ: Symptom Stability	0.35	0.27	0.50	1.00					
KCCQ: Symptom Frequency	0.48	0.39	0.67	0.43	1.00				
KCCQ: Symptom Burden	0.51	0.42	0.65	0.50	0.73	1.00			
KCCQ: Self-Efficacy	0.23	0.22	0.29	0.18	0.28	0.25	1.00		
KCCQ: Quality of Life	0.47	0.48	0.54	0.36	0.61	0.66	0.36	1.00	
KCCQ: Social Limitation	0.52	0.46	0.72	0.43	0.67	0.69	0.30	0.68	1.00

Abbreviation: KCCQ is Kansas City Cardiomyopathy Questionnaire; PROMIS is Patient-Reported Outcomes Measurement Information System.