

Appendix G. Pearson Correlations of Heart Failure Measures in the Cross-sectional Sample

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Appendix G, Table 1: Pearson 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	0.59	-0.73	1.00																
Sleep Disturbance	0.40	-0.47	0.59	1.00															
Depression	0.45	-0.51	0.62	0.54	1.00														
Anxiety	0.49	-0.54	0.58	0.45	0.70	1.00													
Life Satisfaction	-0.52	0.58	-0.60	-0.42	-0.61	-0.61	1.00												
Satisfaction w/SRA	-0.40	0.54	-0.63	-0.42	-0.50	-0.48	0.58	1.00											
Ability to Engage in SRA	-0.48	0.62	-0.70	-0.47	-0.59	-0.58	0.57	0.53	1.00										
Social Isolation	0.41	-0.53	0.58	0.48	0.62	0.56	-0.49	-0.45	-0.64	1.00									
Illness Burden	0.43	-0.46	0.50	0.49	0.55	0.57	-0.48	-0.45	-0.50	0.47	1.00								
Independence	-0.52	0.63	-0.65	-0.40	-0.57	-0.56	0.64	0.62	0.66	-0.55	-0.47	1.00							
Pain Interference	0.60	-0.66	0.68	0.55	0.59	0.55	-0.55	-0.47	-0.60	0.51	0.50	-0.61	1.00						
Symptoms	0.62	-0.65	0.67	0.54	0.60	0.65	-0.54	-0.44	-0.60	0.53	0.49	-0.54	0.68	1.00					
Health Behavior Outc.	-0.18	0.09	-0.08	-0.08	-0.08	-0.07	0.23	0.25	0.08	-0.03	-0.14	0.17	-0.07	-0.02	1.00				
Cognitive Function	-0.48	0.50	-0.62	-0.47	-0.75	-0.65	0.59	0.47	0.60	-0.57	-0.53	0.52	-0.56	-0.60	0.11	1.00			
Cognitive Abilities	-0.24	0.17	-0.23	-0.19	-0.23	-0.15	0.34	0.34	0.18	-0.14	-0.21	0.30	-0.26	-0.17	0.30	0.25	1.00		
Anger	0.31	-0.45	0.56	0.41	0.60	0.67	-0.52	-0.44	-0.51	0.49	0.51	-0.48	0.43	0.46	-0.04	-0.57	-0.07	1.00	

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

Appendix G, Table 2: Pearson 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	-0.60	0.66	-0.66	-0.44	-0.50	-0.49	0.49	0.53	0.53	-0.50	-0.37	0.56	-0.56	-0.55	0.05	0.46	0.20	-0.43
PROMIS Global - Mental	-0.43	0.50	-0.54	-0.39	-0.58	-0.45	0.51	0.52	0.46	-0.43	-0.40	0.47	-0.44	-0.43	0.18	0.50	0.26	-0.42
KCCQ: Physical Limitation	-0.63	0.71	-0.64	-0.43	-0.45	-0.50	0.51	0.52	0.55	-0.46	-0.46	0.57	-0.57	-0.59	0.10	0.44	0.22	-0.36
KCCQ: Symptom Stability	-0.34	0.41	-0.41	-0.33	-0.34	-0.33	0.31	0.33	0.30	-0.35	-0.29	0.33	-0.38	-0.42	0.01	0.29	0.05	-0.30
KCCQ: Symptom Frequency	-0.56	0.63	-0.73	-0.55	-0.55	-0.59	0.51	0.53	0.60	-0.51	-0.53	0.57	-0.60	-0.66	0.09	0.53	0.24	-0.47
KCCQ: Symptom Burden	-0.56	0.64	-0.69	-0.53	-0.54	-0.61	0.55	0.51	0.58	-0.51	-0.51	0.56	-0.61	-0.66	0.08	0.52	0.22	-0.49
KCCQ: Self-Efficacy	-0.41	0.27	-0.23	-0.24	-0.35	-0.29	0.35	0.28	0.19	-0.22	-0.32	0.32	-0.26	-0.32	0.36	0.30	0.30	-0.19
KCCQ: Quality of Life	-0.50	0.53	-0.63	-0.49	-0.60	-0.59	0.62	0.59	0.54	-0.50	-0.53	0.58	-0.53	-0.53	0.19	0.52	0.36	-0.50
KCCQ: Social Limitation	-0.59	0.68	-0.69	-0.49	-0.57	-0.59	0.62	0.62	0.60	-0.51	-0.53	0.64	-0.57	-0.60	0.14	0.55	0.26	-0.44

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

Appendix G, Table 3: Pearson 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	0.55	0.40	1.00						
KCCQ: Symptom Stability	0.36	0.27	0.52	1.00					
KCCQ: Symptom Frequency	0.54	0.43	0.74	0.48	1.00				
KCCQ: Symptom Burden	0.56	0.44	0.71	0.52	0.79	1.00			
KCCQ: Self-Efficacy	0.26	0.25	0.30	0.18	0.30	0.27	1.00		
KCCQ: Quality of Life	0.53	0.51	0.60	0.39	0.68	0.70	0.41	1.00	
KCCQ: Social Limitation	0.58	0.50	0.77	0.46	0.72	0.73	0.31	0.71	1.00

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