

S2 Table. Exploratory factor analysis of the K-PROMIS-29 items (unrotated)

Original domain and items	Factor loading						
	F1	F2	F3	F4	F5	F6	F7
Physical function							
Are you able to do chores such as vacuuming or yard work?	0.69	0.17	0.20	-0.18	0.33	0.11	-0.13
Are you able to go up and down stairs at a normal pace?	0.63	0.23	0.20	-0.29	0.27	0.19	-0.13
Are you able to go for a walk of at least 15 minutes?	0.55	0.18	0.26	-0.22	0.43	0.13	-0.30
Are you able to run errands and shop?	0.63	0.17	0.27	-0.18	0.41	0.17	-0.18
Anxiety							
In the past 7 days, I felt fearful	0.60	-0.48	-0.08	0.13	0.07	0.16	-0.04
In the past 7 days, I found it hard to focus on anything other than my anxiety	0.65	-0.43	-0.07	0.17	0.10	0.15	-0.03
In the past 7 days, my worries overwhelmed me	0.60	-0.58	-0.11	0.19	0.07	0.14	-0.02
In the past 7 days, I felt uneasy	0.69	-0.48	-0.06	0.20	0.04	0.15	0.00
Depression							
In the past 7 days, I felt worthless	0.64	-0.43	0.05	0.23	-0.04	-0.08	-0.07
In the past 7 days, I felt helpless	0.72	-0.39	0.07	0.13	-0.03	-0.10	-0.09
In the past 7 days, I felt depressed	0.67	-0.52	0.05	0.12	-0.01	0.00	0.01
In the past 7 days, I felt hopeless	0.66	-0.45	0.06	0.12	0.01	-0.06	0.02
Fatigue							
During the past 7 days, I feel fatigued	0.74	-0.09	0.14	-0.25	0.07	-0.30	0.23
During the past 7 days, I had trouble starting things because I was tired	0.77	0.02	0.16	-0.28	0.05	-0.26	0.21

In the past 7 days, how run-down did you feel on average?	0.78	-0.04	0.09	-0.25	-0.03	-0.34	0.29
In the past 7 days, how fatigued were you on average?	0.79	-0.05	0.05	-0.26	0.03	-0.32	0.30
Sleep disturbance							
In the past 7 days, my sleep quality was...	-0.40	0.01	0.64	0.25	0.08	0.29	0.39
In the past 7 days, my sleep was refreshing	-0.41	0.04	0.56	0.26	0.14	0.33	0.47
In the past 7 days, I had a problem with my sleep	0.36	0.10	-0.72	-0.19	0.15	0.33	0.27
In the past 7 days, I had difficulty falling asleep	0.37	0.09	-0.70	-0.19	0.13	0.36	0.31
Ability to participate in social roles and activities							
I have trouble doing all of my regular leisure activities with others	0.67	0.14	0.09	-0.20	-0.52	0.25	-0.09
I have trouble doing all of the family activities that I want to do	0.78	0.16	0.13	-0.10	-0.41	0.18	-0.02
I have trouble doing all of my usual work (include work at home)	0.78	0.19	0.16	-0.13	-0.32	0.16	0.01
I have trouble doing all of the activities with friends that I want to do	0.71	0.13	0.19	-0.12	-0.47	0.25	-0.04
Pain interference							
In the past 7 days, how much did pain interfere with your day to day activities?	0.69	0.50	-0.10	0.34	0.03	-0.12	0.03
In the past 7 days, how much did pain interfere with work around the home?	0.72	0.51	-0.09	0.36	0.05	-0.09	0.01
In the past 7 days, how much did pain interfere with your ability to participate in social activities?	0.70	0.45	-0.02	0.37	-0.09	-0.04	-0.04
In the past 7 days, how much did pain interfere with your household chores?	0.71	0.48	-0.05	0.37	0.06	0.02	0.02
Pain intensity							
In the past 7 days, how would you rate your pain on average?	0.60	0.39	-0.18	0.38	0.11	-0.19	0.03