

Supplementary Table 1. Distribution of mood and HRQoL across quartiles of B-IPQ and HLQ-9 scales

	HADS Questionnaire		HeartQoL Questionnaire			EQ-5D VAS
	Anxiety	Depression	Physical	Emotional	Global	
<u>MEN</u>						
B-IPQ Overall score						
Quartile 1	2 (1-5)	1 (0-4)	2.9 (2.6-3.0)	2.8 (2.3-3.0)	2.8 (2.5-3.0)	88 (80-94)
Quartile 2	4 (2-6)	3 (1-5)	2.7 (2.3-2.9)	2.5 (2.0-2.8)	2.6 (2.2-2.9)	80 (70-85)
Quartile 3	5 (3-7)	4 (2-7)	2.4 (1.9-2.7)	2.0 (1.5-2.5)	2.3 (1.9-2.6)	70 (60-80)
Quartile 4	7 (4-10)	6 (4-9)	1.8 (1.2-2.4)	1.8 (1.0-2.3)	1.7 (1.2-2.4)	60 (50-75)
Significance*	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001
HLQ-9 Overall score						
Quartile 1	6 (3-9)	6 (3-9)	2.3 (1.7-2.7)	2.3 (1.5-2.5)	2.2 (1.6-2.6)	70 (50-80)
Quartile 2	5 (3-7)	4 (2-7)	2.4 (1.8-2.8)	2.3 (1.5-2.8)	2.3 (1.8-2.7)	71 (60-80)
Quartile 3	4 (2-7)	3 (1-6)	2.6 (2.0-2.9)	2.3 (1.8-2.8)	2.5 (2.0-2.9)	80 (70-90)
Quartile 4	3 (1-6)	2 (1-4)	2.7 (2.2-3.0)	2.5 (2.0-2.8)	2.6 (2.1-2.9)	80 (70-90)
Significance*	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001
<u>WOMEN</u>						
B-IPQ Overall score						
Quartile 1	4 (1-6)	2 (1-5)	2.7 (2.2-2.9)	2.5 (2.0-2.8)	2.6 (2.1-2.9)	85 (79-90)
Quartile 2	5 (3-8)	3 (1-6)	2.4 (1.9-2.8)	2.3 (1.8-2.5)	2.4 (1.9-2.6)	80 (60-88)
Quartile 3	6 (5-9)	5 (3-7)	2.1 (1.6-2.6)	2.0 (1.5-2.5)	2.0 (1.6-2.5)	70 (60-80)
Quartile 4	8 (5-12)	7 (4-10)	1.6 (1.0-2.2)	1.5 (1.0-2.0)	1.5 (1.0-2.1)	60 (50-70)
Significance*	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001
HLQ-9 Overall score						
Quartile 1	8 (6-11)	9 (5-11)	1.7 (1.1-2.2)	1.8 (1.3-2.3)	1.7 (1.1-2.2)	60 (50-76)
Quartile 2	7 (5-10)	6 (3-8)	2.1 (1.4-2.6)	2.0 (1.3-2.5)	2.0 (1.4-2.4)	70 (50-80)
Quartile 3	5 (3-8)	4 (2-6)	2.3 (1.6-2.7)	2.0 (1.5-2.5)	2.2 (1.6-2.6)	70 (60-85)
Quartile 4	5 (2-8)	3 (1-5)	2.5 (1.8-2.9)	2.0 (1.5-2.8)	2.4 (1.8-2.8)	80 (60-90)
Significance*	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001	P<0.0001

Cell entries are medians (P25-P75); *according to the Kruskal-Wallis test

Supplementary Table 2. Associations of illness perception and health literacy with mood and health-related quality of life by country

	HADS Questionnaire		HeartQoL Questionnaire			EQ-5D
	Anxiety	Depression	Physical	Emotional	Global	VAS
B-IPQ Overall score						
Egypt	-0.05	+0.05	-0.03	+0.03	-0.02	-0.11
Ireland	+0.47	+0.49	-0.42	-0.44	-0.45	-0.52
Kazakhstan	+0.18	+0.23	-0.30	-0.30	-0.31	-0.45
Lithuania	+0.45	+0.48	-0.61	-0.58	-0.61	-
Netherlands	+0.60	+0.62	-0.53	-0.32	-0.52	-0.54
Poland	+0.45	+0.43	-0.61	-0.54	-0.64	-0.49
Portugal	+0.24	+0.06	-0.49	-0.46	-0.50	-
Russian Federation	+0.38	+0.32	-0.52	-0.45	-0.53	-0.31
Sweden	+0.51	+0.48	-0.47	-0.57	-0.53	-0.46
Turkey	+0.42	+0.30	-0.29	-0.27	-0.30	-
Ukraine	+0.54	+0.43	-0.58	-0.65	-0.61	-0.44
United Kingdom	+0.54	+0.60	-0.59	-0.59	-0.61	-0.52
HLQ-9 Overall score						
Egypt	+0.03	-0.01	-0.08	-0.13	-0.10	-0.03
Ireland	-0.13	-0.25	+0.07	+0.14	+0.10	+0.04
Kazakhstan	-0.29	-0.20	+0.30	+0.27	+0.30	-0.05
Lithuania	-0.22	-0.27	+0.31	+0.21	+0.29	-
Netherlands	-0.39	-0.50	+0.59	+0.39	+0.59	+0.14
Poland	-0.23	-0.25	+0.17	+0.11	+0.17	+0.21
Portugal	-0.27	-0.19	+0.34	+0.42	+0.39	-
Russian Federation	-0.16	-0.22	+0.13	+0.07	+0.13	+0.09
Sweden	-0.14	-0.14	+0.07	+0.10	+0.08	+0.10
Turkey	-0.13	-0.29	-0.02	-0.07	-0.05	-
Ukraine	-0.31	-0.52	+0.00	+0.01	+0.01	+0.35
United Kingdom	-0.23	-0.21	+0.15	+0.17	+0.16	+0.12

Cell entries are partial Spearman correlation coefficients adjusted for age