

Appendix 1. Item stability of HFAQ items across all bootstrap replicates samples.

Item	Construct 1	Construct 2	Construct 3	Construct 4	Construct 5
Q3	1.000				
Q4	1.000				
Q5	1.000				
Q6	0.980				0.020
Q1	0.942		0.004	0.034	
Q2	0.940		0.006	0.034	
Q7		0.994			
Q9		0.994			
Q12		0.994			
Q18		0.994			
Q25	0.002	0.988		0.002	
Q14	0.010	0.984		0.002	
Q16		0.978		0.022	
Q24	0.002	0.972		0.026	
Q13	0.044	0.806	0.012	0.118	0.004
Q27			0.960	0.024	0.012
Q28			0.954	0.024	0.018
Q26		0.002	0.948	0.040	0.006
Q20	0.008	0.002	0.820	0.104	0.042
Q23	0.004	0.068	0.760	0.160	
Q19		0.044	0.632	0.194	0.104
Q10	0.392	0.018	0.500	0.060	0.004
Q17		0.262	0.332	0.382	
Q22		0.320	0.302	0.354	
Q29	0.008	0.012	0.126	0.840	
Q30	0.008	0.012	0.126	0.840	
Q33	0.178	0.002	0.114	0.670	0.018
Q34	0.042	0.204	0.124	0.612	0.004
Q15	0.168	0.108	0.154	0.534	0.004
Q31	0.196	0.002	0.166	0.506	0.114
Q39					1.000
Q40					1.000

Q41					1.000
Q42					1.000
Q43					1.000
Q37			0.002		0.998
Q38			0.002		0.998

Appendix 2- HFAQ questionnaire (English translated version)

No.	Item	Response scale				
Dimension 1: Health literacy						
1	I think that I have an illness or a physical problem.	Never	Rarely	Sometimes	Often	Always
2	I need medical treatment to control the disease condition.	Never	Rarely	Sometimes	Often	Always
3	I need food regimen modification to control the disease condition.	Never	Rarely	Sometimes	Often	Always
4	I need lifestyle modification to control the disease condition.	Never	Rarely	Sometimes	Often	Always
5	I am motivated for controlling the illness.	Never	Rarely	Sometimes	Often	Always
6	Disease condition will get worse if I do not follow the treatment plan.	Never	Rarely	Sometimes	Often	Always
Dimension 2: Barriers						
7	I do not follow the treatment plan when I have fewer symptoms.	Never	Rarely	Sometimes	Often	Always
8	I do not follow the treatment plan because of several causes.	Never	Rarely	Sometimes	Often	Always
9	I do not take my pills continuously, because I think they are addictive.	Never	Rarely	Sometimes	Often	Always
10	I do not take the pills which increase urination when I plan to leave the house.	Never	Rarely	Sometimes	Often	Always
11	I have so many pills to take, so I do not take some of them.	Never	Rarely	Sometimes	Often	Always
12	I do not follow the treatment plan when I leave the home for a long time or a trip.	Never	Rarely	Sometimes	Often	Always
13	I cannot take the pills properly due to high number of prescribed medication.	Never	Rarely	Sometimes	Often	Always
14	I cannot follow the physical activity recommendations due to fatigue or shortness of breath.	Never	Rarely	Sometimes	Often	Always
15	It is difficult for me to follow treatment plan when I am with friends and/or family.	Never	Rarely	Sometimes	Often	Always
Dimension 3: Social and Economic						
16	Cost of prescription is reasonable for me.	Never	Rarely	Sometimes	Often	Always

17	I have support of family and friends about following the treatment plan.	Never	Rarely	Sometimes	Often	Always
18	Following treatment plan increased my quality of life.	Never	Rarely	Sometimes	Often	Always
19	Following treatment plan increased my productivity.	Never	Rarely	Sometimes	Often	Always
Dimension 4: Patient-Provider Relationship						
20	I am satisfied with the information provided by physician about the disease condition and treatment plan.	Never	Rarely	Sometimes	Often	Always
21	I have enough information about the disease condition and treatment plan.	Never	Rarely	Sometimes	Often	Always
22	I have enough information about changing the treatment plan in different conditions.	Never	Rarely	Sometimes	Often	Always
23	Physician explained the red flags of disease and their emergent treatment.	Never	Rarely	Sometimes	Often	Always
24	Physician explained me how to take the pills properly.	Never	Rarely	Sometimes	Often	Always
25	Physician explained me how to change my lifestyle and regimen properly.	Never	Rarely	Sometimes	Often	Always
26	Pharmacist explained me how to take the pills properly.	Never	Rarely	Sometimes	Often	Always