

Appendix E, Table 6: Differential Item Functioning of Illness Burden Domain, HF cross-sectional sample

Items	Chi <sup>2</sup> Values		McFadden Pseudo R <sup>2</sup> Change		DIF Interpret.
	Uniform	Non-uniform	Uniform	Non-uniform	
	Model 1 v 2	Model 2 v 3	Model 1 v 2	Model 2 v 3	
<b>Sex (male vs. female)</b>					
In the past 7 days...					
Did you feel pressure to lose weight?	0.784	0.212	0.000	0.001	No
Did you feel burdened by having to monitor your health?	0.457	0.674	0.000	0.000	No
Did you feel burdened by having to monitor your weight?	0.055	0.713	0.002	0.000	No
Did you feel burdened by restrictions on what you could eat or drink?	0.236	0.829	0.001	0.000	No
<b>Age (≤55 vs. &gt;55)</b>					
In the past 7 days...					
Did you feel pressure to lose weight?	0.441	0.178	0.000	0.001	No
Did you feel burdened by having to monitor your health?	0.101	0.733	0.002	0.000	No
Did you feel burdened by having to monitor your weight?	0.174	0.503	0.001	0.000	No
Did you feel burdened by restrictions on what you could eat or drink?	0.488	0.288	0.000	0.001	No
<b>Education (completed college or not)</b>					
In the past 7 days...					
Did you feel pressure to lose weight?	0.599	0.039	0.000	0.002	No
Did you feel burdened by having to monitor your health?	0.926	0.246	0.000	0.001	No
Did you feel burdened by having to monitor your weight?	0.057	0.856	0.002	0.000	No
Did you feel burdened by restrictions on what you could eat or drink?	0.042	0.538	0.002	0.000	No

Abbreviation: DIF is Differential Item Functioning, Interpret. is Interpretation. Models: Model 1 = ability explanatory term only; Model 2 = ability + group explanatory terms; Model 3 = ability + group + ability-by-group interaction explanatory terms.