Appendix E, Table 9: Differential Item Functioning of Sleep Disturbance Domain, HF cross-sectional sample

	Chi^2 Values		McFadden Pseudo R^2 Change Value		
Items	Uniform Model 1 v 2	Non-uniform Model 2 v 3	Uniform Model 1 v 2	Non-uniform Model 2 v 3	DIF Interpret.
Sex (male vs. female)					
In the past 7 days…					
My sleep quality was...	0.183	0.039	0.001	0.003	No
I got enough sleep.	0.045	0.198	0.002	0.001	No
I had a problem with my sleep.	0.656	0.574	0.000	0.000	No
I had difficulty falling asleep.	0.863	0.170	0.000	0.001	No
I tried hard to get to sleep.	0.070	0.784	0.002	0.000	No
I had trouble sleeping.	0.636	0.513	0.000	0.000	No
Age (≤55 vs. >55)					
In the past 7 days…					
My sleep quality was...	0.182	0.001	0.001	0.007	No
I got enough sleep.	0.228	0.079	0.001	0.002	No
I had a problem with my sleep.	0.358	0.069	0.001	0.002	No
I had difficulty falling asleep.	0.294	0.749	0.001	0.000	No
I tried hard to get to sleep.	0.476	0.669	0.000	0.000	No
I had trouble sleeping.	0.558	0.155	0.000	0.001	No
Education (completed college or not)					
In the past 7 days…					
My sleep quality was...	0.001	0.997	0.007	0.000	No
I got enough sleep.	0.296	0.057	0.001	0.002	No
I had a problem with my sleep.	0.742	0.068	0.000	0.002	No
I had difficulty falling asleep.	0.000	0.664	0.007	0.000	No
I tried hard to get to sleep.	0.491	0.527	0.000	0.000	No
I had trouble sleeping.	0.373	0.483	0.001	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.