

Appendix E, Table 8: Differential Item Functioning of Satisfaction with Social Roles and Activities Domain, HF cross-sectional sample

Items	<u>Chi² Values</u>		<u>McFadden Pseudo R²</u>		DIF Interpret.
	Uniform	Non-uniform	Uniform	Non-uniform	
	Model 1 v 2	Model 2 v 3	Model 1 v 2	Model 2 v 3	
Sex (male vs. female)					
I am satisfied with my ability to maintain friendships	0.165	0.261	0.001	0.001	No
I am satisfied with how much work I can do (include work at home)	0.094	0.287	0.002	0.001	No
I am satisfied with my ability to work (include work at home)	0.620	0.247	0.000	0.001	No
I am satisfied with my ability to do household chores/tasks	0.210	0.652	0.001	0.000	No
I am satisfied with my ability to do things for fun at home (like reading, listening to music, etc.)	0.319	0.940	0.001	0.000	No
I am satisfied with the amount of time I spend performing my daily routines	0.021	0.174	0.003	0.001	No
Age (≤55 vs. >55)					
I am satisfied with my ability to maintain friendships	0.530	0.080	0.000	0.002	No
I am satisfied with how much work I can do (include work at home)	0.023	0.948	0.003	0.000	No
I am satisfied with my ability to work (include work at home)	0.452	0.725	0.000	0.000	No
I am satisfied with my ability to do household chores/tasks	0.693	0.152	0.000	0.001	No
I am satisfied with my ability to do things for fun at home (like reading, listening to music, etc.)	0.522	0.995	0.000	0.000	No
I am satisfied with the amount of time I spend performing my daily routines	0.006	0.139	0.004	0.001	No

Items	Chi ² Values		McFadden Pseudo R ²		DIF Interpret.
	Uniform	Non-uniform	Uniform	Non-uniform	
	Model 1 v 2	Model 2 v 3	Model 1 v 2	Model 2 v 3	
Education (completed college or not)					
I am satisfied with my ability to maintain friendships	0.008	0.096	0.004	0.002	No
I am satisfied with how much work I can do (include work at home)	0.941	0.877	0.000	0.000	No
I am satisfied with my ability to work (include work at home)	0.001	0.711	0.006	0.000	No
I am satisfied with my ability to do household chores/tasks	0.124	0.790	0.001	0.000	No
I am satisfied with my ability to do things for fun at home (like reading, listening to music, etc.)	0.148	0.998	0.001	0.000	No
I am satisfied with the amount of time I spend performing my daily routines	0.666	0.195	0.000	0.001	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.