

**Appendix F, Table 6: Differential Item Functioning of Satisfaction with Social Roles and Activities Domain, OA-K cross-sectional sample**

Items	<u>Chi<sup>2</sup> Values</u>		<u>McFadden Pseudo R<sup>2</sup> Change</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	
<b>Sex (male vs. female)</b>					
I am satisfied with how much work I can do (include work at home)	0.163	0.852	0.001	0.000	No
I am satisfied with my ability to do household chores/tasks	0.116	0.149	0.001	0.001	No
I am satisfied with my ability to socialize with friends	0.188	0.066	0.001	0.002	No
I am satisfied with my ability to do things for my family	0.852	0.825	0.000	0.000	No
I am satisfied with my ability to do the work that is really important to me (include work at home)	0.115	0.789	0.001	0.000	No
I am satisfied with my current level of social activity	0.804	0.665	0.000	0.000	No
I am satisfied with my ability to participate in family activities	0.023	0.166	0.003	0.001	No
I am satisfied with my ability to do things for fun outside my home	0.558	0.298	0.000	0.001	No
In the past 7 days... I am satisfied with my ability to do the activities that are important to me.	0.018	0.325	0.003	0.001	No
<b>Age (≤55 vs. &gt;55)</b>					
I am satisfied with how much work I can do (include work at home)	0.002	0.683	0.005	0.000	No
I am satisfied with my ability to do household chores/tasks	0.311	0.639	0.001	0.000	No
I am satisfied with my ability to socialize with friends	0.155	0.312	0.001	0.001	No
I am satisfied with my ability to do things for my family	0.547	0.169	0.000	0.001	No
I am satisfied with my ability to do the work that is really important to me (include work at home)	0.002	0.596	0.005	0.000	No
I am satisfied with my current level of social activity	0.060	0.883	0.002	0.000	No

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>Age (≤55 vs. &gt;55) - continued</b>					
I am satisfied with my ability to participate in family activities	0.057	0.081	0.002	0.002	No
I am satisfied with my ability to do things for fun outside my home	0.708	0.271	0.000	0.001	No
In the past 7 days... I am satisfied with my ability to do the activities that are important to me.	0.084	0.043	0.002	0.002	No
<b>Education (completed college or not)</b>					
I am satisfied with how much work I can do (include work at home)	0.349	0.999	0.001	0.000	No
I am satisfied with my ability to do household chores/tasks	0.657	0.648	0.000	0.000	No
I am satisfied with my ability to socialize with friends	0.389	0.294	0.000	0.001	No
I am satisfied with my ability to do things for my family	0.583	0.955	0.000	0.000	No
I am satisfied with my ability to do the work that is really important to me (include work at home)	0.046	0.871	0.002	0.000	No
I am satisfied with my current level of social activity	0.580	0.721	0.000	0.000	No
I am satisfied with my ability to participate in family activities	0.474	0.238	0.000	0.001	No
I am satisfied with my ability to do things for fun outside my home	0.902	0.499	0.000	0.000	No
In the past 7 days... I am satisfied with my ability to do the activities that are important to me.	0.247	0.953	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.