

**Online Resource Table 14. Cross-tabulation of Change Groups Based on Item Response Theory (columns) and Classical Test Theory (rows) Standard Errors for Simulated Physical Function Change From 1 to 2 Theta**

<b>Item Response Theory</b>				
<b>Classical Test Theory</b>	<b>Worse</b>	<b>Same</b>	<b>Better</b>	<b>Total</b>
Worse	<b>0</b> <b>(0%)</b>	1	0	1
Same	0	<b>9,931</b> <b>(100%)</b>	0	9,931
Better	0	68	<b>0</b> <b>(100%)</b>	68
Total	0	10,000	0	10,000

From: Using Item Response Theory to Identify Responders to Treatment: Examples with the Patient Reported Outcomes Measurement Information System (PROMIS®) Physical Functioning and Emotional Distress Scales

*Psychometrika*

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