

**Online Resource Table 11. Cross-tabulation of Change Groups Based on Item Response Theory (columns) and Classical Test Theory (rows) Standard Errors for Simulated Physical Function Change From 0 to 1 Theta**

**Item Response Theory**

<b>Classical Test Theory</b>	<b>Worse</b>	<b>Same</b>	<b>Better</b>	<b>Total</b>
Worse	<b>0 (100%)</b>	46	0	46
Same	0	<b>6,479 (100%)</b>	0	6,479
Better	0	3,447	<b>28 (1%)</b>	3,475
Total	0	9,972	28	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

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