

**Online Resource Table 9. 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**

**Item Response Theory**

<b>Classical Test Theory</b>	<b>Worse</b>	<b>Same</b>	<b>Better</b>	<b>Total</b>
Worse	<b>0</b> <b>(100%)</b>	0	0	0
Same	0	<b>5</b> <b>(100%)</b>	0	5
Better	0	1,090	<b>8,905</b> <b>(89%)</b>	9,995
Total	0	1,095	8,905	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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