

**Online Resource Table 5. Cross-tabulation of Change Groups Based on Item Response Theory (columns) and Classical Test Theory (rows) Standard Errors for Simulated Physical Function Change From -2 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</b> <b>(0%)</b>	2	0	2
Same	0	<b>99</b> <b>(100%)</b>	0	99
Better	0	1,189	<b>8,710</b> <b>(88%)</b>	9,899
Total	0	1,290	8,710	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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