

Online Resource Table 3. Cross-tabulation of Change Groups Based on Item Response Theory (columns) and Classical Test Theory (rows) Standard Errors for Simulated Physical Function Change From -3 to -1 Theta

Item Response Theory

Classical Test Theory	Worse	Same	Better	Total
Worse	0 (100%)	0	0	0
Same	0	0 (100%)	0	0
Better	0	7	9,993 (99.9%)	10,000
Total	0	7	9,993	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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