

Online Resource Table 7. 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 0 Theta

Item Response Theory

Classical Test Theory	Worse	Same	Better	Total
Worse	0 (0%)	1	0	1
Same	0	306 (100%)	0	306
Better	0	2,393	7,300 (75%)	9,693
Total	0	2,700	7,300	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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