

Online Resource Table 2. 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 -2 Theta

Item Response Theory

Classical Test Theory	Worse	Same	Better	Total
Worse	0 (0%)	38	0	38
Same	0	445 (100%)	0	445
Better	0	6,417	3,100 (33%)	9,517
Total	0	6,900	3,100	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

Ron D. Hays, Karen L. Spritzer, Steven P. Reise; University of California, Los Angeles

Corresponding Author: Ron D. Hays: drhays@ucla.edu