

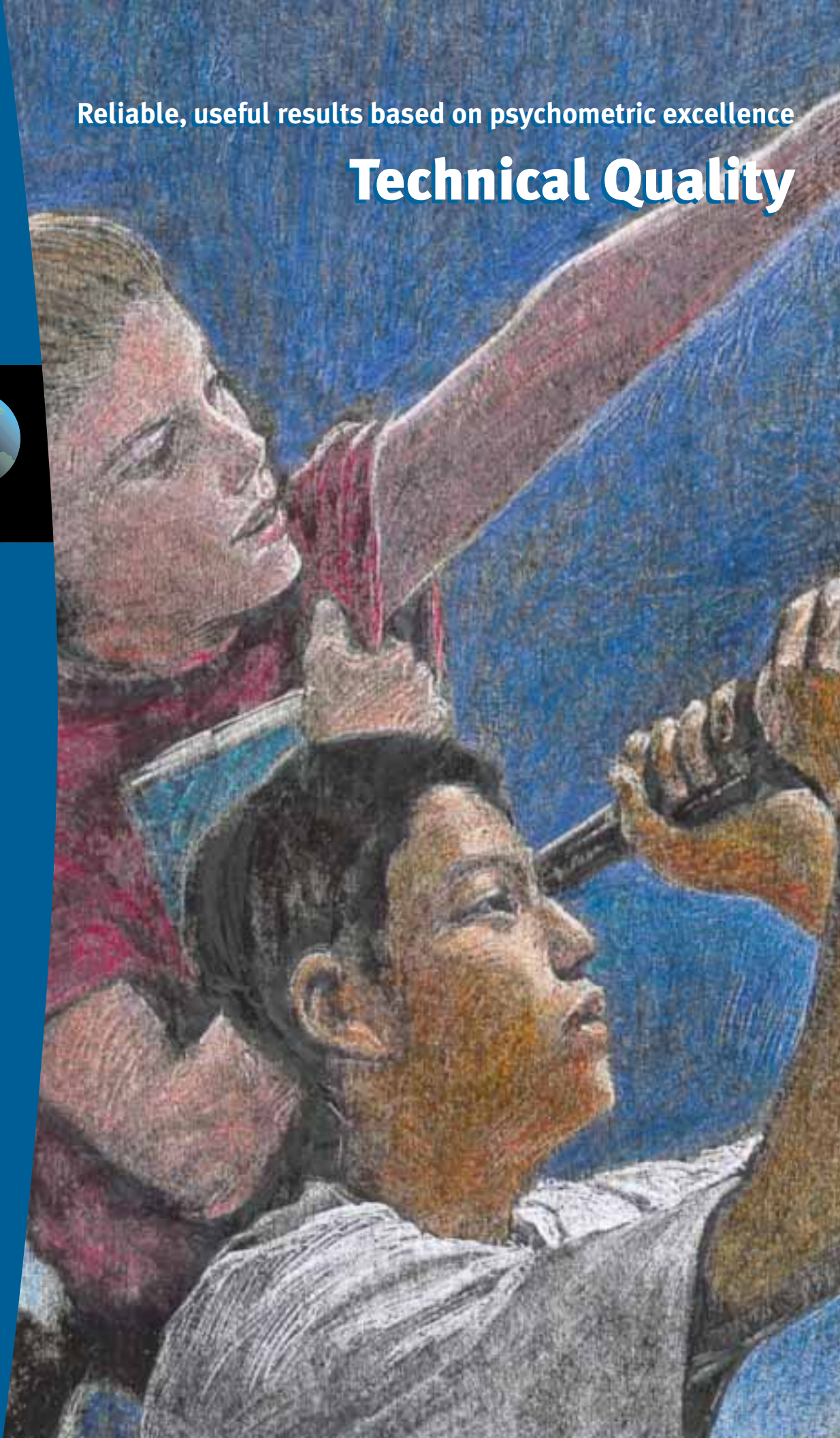
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# Technical Quality

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# Scaling and Equating for *TerraNova*, *The Second Edition*

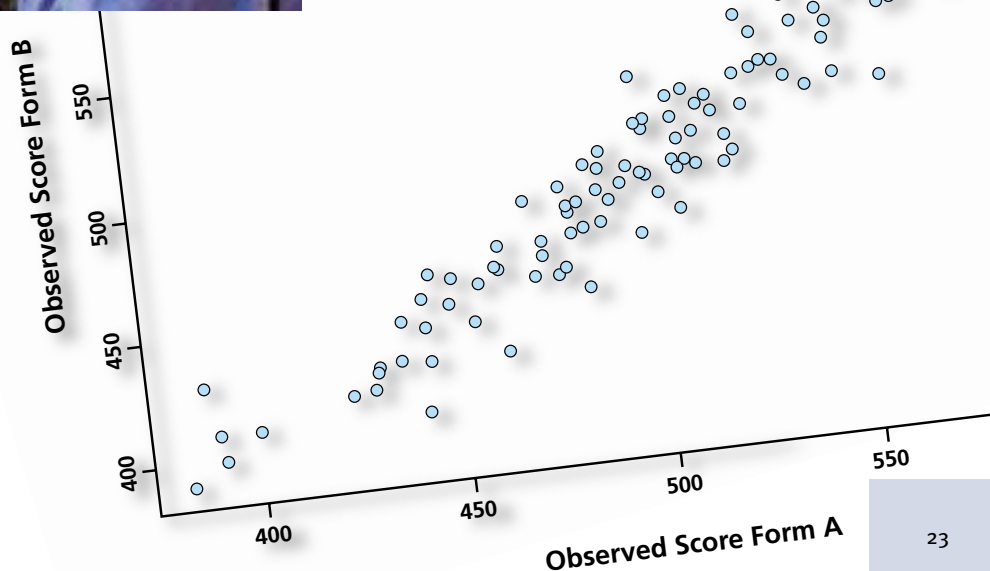


The assessments in *TerraNova* CAT were scaled and calibrated using IRT procedures matching those followed in the development of *TerraNova* CTBS (CTB/McGraw-Hill, 1998). As an alternate form of that series, the new assessments share the same scale as *TerraNova* CTBS. Moreover, the *TerraNova* CAT Multiple Assessments, Complete Battery, and Survey are closely matched to each other and to *TerraNova* CTBS in terms of content, difficulty, standard error functions, floors and ceilings, and other psychometric properties.

CTB used PARDUX (Burket, 1991) to estimate the item parameters for all editions and forms of *TerraNova* CAT that include both selected-response and constructed-response items. The Stocking & Lord (1983) procedure was used to place the items in these assessments onto the common *TerraNova* scale. Extensive quality control procedures were used to ensure that calibration results were accurate.



Observed Scores for Reliability .95





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