

Psychometric and Statistical Data Analysis Services

1. Job/Practice Analysis
2. Technical Consultation on Test Design
3. Item and Test Analysis
4. Item Response Theory (IRT) Calibrations and Scoring
5. Differential Item Functioning (DIF) and Impact Analysis
6. Vertical Scaling and Linking
7. Dimensionality Analyses

Psychometric and Statistical Review and Consultative Services

1. Item-bank Design and Inventory Control Modeling
2. Item-template Design and Validation
3. Test Specifications Development and Test Assembly Criteria
4. Item Selection and Automated Test Assembly
5. Pretest Item Analysis
6. Item Analysis
7. IRT Calibrations
8. Item Fit and Dimensionability Analyses
9. Differential Item Analyses (DIF)
10. Inter-Rater Reliability and Generalizability Analyses
11. Standard Setting
12. Scoring
13. Equating and Statistical Linking
14. Score Reporting