

Psychometrician

Overview

We are currently looking for a **Psychometrician** to conduct statistical analyses to inform the development of one or more psychological assessments. The Psychometrician will play a lead role in ensuring that our tests/instruments are psychometrically sound as defined by American & Canadian Psychological Association standards.

Key Areas of Responsibility:

- Plan and conduct the high-level psychometric analyses (e.g., factor analyses, Rasch and 3PL models, IRT item analyses, scaling and equating, continuous norming) required for scoring, norming, and validating tests/instruments
- Specify the samples required to conduct the intended analyses
- Communicate results, and provide statistical consultation, to authors, coworkers, and customers as necessary
- Prepare psychometric results for technical manuals/reports, or for journal publication and presenting at conferences
- Review and learn new statistical techniques and software, and share this knowledge with coworkers and authors as necessary

Qualifications & Skills:

- M.A. or Ph.D. in Psychology or related field (e.g., Educational Measurement, Statistics) with an emphasis on quantitative data analyses or psychometrics
- Experience with Classical Test Theory and Item Response Theory
- Experience with equating, linking, and scaling of tests would be an asset
- Proficient with statistical software (e.g., R, IRTPro, SPSS, Mplus), word processors (e.g., MS Word), spreadsheet packages (e.g., MS Excel), and presentation software (e.g., MS Powerpoint)
- Strong writing, presentation, and language skills
- Ability to take initiative and work independently, as well as in a team environment

Benefits:

- Comprehensive Benefit Program including a Health & Wellness Program (Gym discount membership), EAP and much more
- Complimentary Friday Breakfast
- Award winning Corporate Culture
- Paid Personal Days
- Paid Volunteer Days