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Item Response Theory for creativity measurement: A Primer

Item-Response Theory (IRT)/Modern Test Theory represents a key advance in measurement theory (Borsboom, 2006). Yet, it is largely absent from curricula and psychological testing textbooks (as well as popular statistical software), or only introduced through a limited set of models for binary test data, leading to its very modest success beyond mental ability tests. This book, intended for at creativity and innovation researchers and researchers-in-training, will aim to provide:

- 1. an overview of the shortcomings of Classical Test Theory (CTT) for a number of creativity measurement situations (e.g., fluency scores, consensual assessment technique ratings, etc.);
- 2. a concise introduction to IRT and its core concepts (latent variables, item response functions, test/item information, local independence, monotonicity, etc.) with only a min0.003nl soe@withmoddyIe0.00