

Practical Analysis of Rating Data

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Abstract

Managing human judgements is complicated by the fact that ratings rarely agree perfectly. This presentation is about methods to handle such disagreement. It will be assumed that there is a true rating. This suggests that inconsistent ratings be ignored and it will be shown that the quality of the data is thereby enhanced. Further assumptions about the relation between ability and assessability of subjects allows us to recover the information in the inconsistent ratings using a generalized partial credit model. The procedure is illustrated with real data.