

ADVENTITIOUS ERROR EVERYWHERE

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Adventitious error is a concept introduced by Wu and Browne (Psychometrika, 2015) to explain imperfect goodness of fit of covariance structure models (CSMs, i.e., factor models, SEM). The paper was published together with critical remarks from the reviewers. In my presentation I will discuss, illustrate, and speculate about the potential of adventitious error beyond CSM, (a) as a unitary framework to understand and deal with underestimated inferential uncertainty regarding relations between variables, heterogeneity in meta-analysis, violations of measurement invariance, individual differences in the validity of tests, and (b) as a joint framework for reliability and validity. The presentation is partly based on De Boeck, DeKay, and Pek (Psychometrika, 2024, 89, 1055-1073).



Paul De Boeck was trained in mathematical psychology and personality psychology and became a psychometrician and quantitative psychologist in his academic career. He is emeritus professor of the K.U.Leuven (Belgium) and The Ohio State University. He is a former president of the Psychometric Society and the 2021 winner of the lifetime achievement award of the same society.

Colloquium Access Information:

Friday, 02/07/25, 11am, ET

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