

MEASURING LUCK WITH A QUESTIONNAIREAlonso Soler¹, Júlia Pavan Soler² and Dalton de Andrade³¹J2DA Consulting, São Paulo, Brazil²University of São Paulo, São Paulo, Brazil³Federal University of Santa Catarina, Florianópolis, Brazil

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The possibility of measuring “luck” has been explored by many writers under different scopes (games, finance, psychology, etc.) generating controversial discussions. In this work we will present a didactic experience and research including undergraduate students in Statistics from Brazil, aiming to measure “luck” with a questionnaire and using Item Response Theory (ITR). First, with the effort of both students and teachers, a questionnaire was built with 50 items of multiple choices, which was applied to a pilot sample for an initial validation. Students of all undergraduate courses in Statistics of Brazil have been invited to respond to the questionnaire. ITR has been applied to analyze the results, allowing the construction of a scale to measure “luck” of a person. This experience has been used to motivate academic discussions with the students and facilitate the teaching of Statistical topics, including ITR.

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