How to use the Rash-modell

Edit Lázár
Dept. Applied Maths and Probability,
University of Debrecen, Hungary,
`ledit4@hotmail.com`

Abstract

The topic is not new. We use questionnaries/surveys at weekdays and in the teaching too, to measure students knowledge. Here I want to look at only its connection with maths and maths education. How can you prepare a good, well-structured test? How can you choose the right/best questions? All of the questions are necesarries or can you leave some of them? To response these and similar questions is the classical test-theory. Unfortunately this is not without errors and it is not cover all of the questions e.g. in this case all of the questions have equal importance for the summary. For the better approximation nowadays there are new ramifications of test-theory e.g. Rash-modell. In the pedagogy is used this modell. In my essay I want to show this modell and its use by an SPSS example in the math-teaching. I want to analyse a real test (only using the results data without show/know the original questions).