

### METAPHORS FOR THE CONCEPT OF SAMPLE

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In this study, some of the metaphors proposed by 35 students of mathematics, psychology, sociology and pedagogic qualification for statistics sample concept are gathered. Different metaphors are analyzed following the categories stated by Groth and Bergner (2005). It was found that the overwhelming majority of students are able to find a metaphor to explain the considered concept. However, they have issues to explain how and in which points is their analogy working, possibly because the analogical interpretation that the students construct is not adapted and in addition they are not conscious of it. It is a fact that the concept of sample is fundamental in the education of statistics and that many of these students who take part in the study will be teachers, therefore it would be pertinent to show to other teachers some of the good metaphors found, because they can be a good resource in order to facilitate the comprehension of statistical sample.

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