

Who Doesn't Know How Much the Ball Costs?: Overuse of Common Questions in Choice Experiments

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Abstract

Our experimental population, our participants, are a limited resource. Each time we go into the field with a survey or an experiment and use a common battery of questions, their familiarity with those questions biases responses and can alter our conclusions. We show that for a common battery of questions, Frederick's three-question Cognitive Reflection Test (CRT), that participants in several populations, are familiar with the questions and that this bias the correct response rate. We propose a method for adapting to this phenomena, demonstrate the effects using data from a recent publication and discuss ways that researchers can mitigate effects in the future.

- 1 Introduction**
- 2 Use of CRT and Response Trends**
- 3 Statistical Correction for CRT Overstatement**
- 4 Comparison of Results**
- 5 Future Work**