

Results from the Turk 20 Study

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December 13, 2015

Abstract

Graphics play a crucial role in statistical analysis and data mining. Being able to quantify structure in data that is visible in plots, and how people read the structure from plots is an ongoing challenge. XXX just a placeholder

Keywords: Visual inference, Lineup protocol, XXX Other keywords?.

*The authors gratefully acknowledge funding from the National Science Foundation Grant # DMS 1007697. All data collection has been conducted with approval from the Institutional Review Board IRB 10-347

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List of things to do:

1. match turk 16 and turk 19 properly: DONE
2. identify minor and major semi axes of ellipses
3. include discussion of color scheme: * essentially all the same; * but original study was a bit better based on Heer's color scheme + tweaks

1 Motivation and Background

Motivation: in a previous study we noticed that an imbalance in the size of clusters made participants -depending on the set of aesthetics used- change their target.

2 Overview of all plots involved





