

Exercise sheet 7

Interactive Graphics and the Arrests dataset

Consider the dataset Arrests available in the R package *effects* and carry out an analysis of the dataset with Mondrian. You may also use R, where you see fit.

1. What information can you extract from the dataset?
2. Describe how you reached each of your conclusions. Which graphics did you draw? Which interactive tools, if any, did you use? (It will be more interesting for discussion if you record all of your analyses and not just the ones that in retrospect proved useful.) What interactive tools would you have liked to have had that are not available in Mondrian?
3. Which graphics would you use to present your results? How do they differ from the graphics you used to find the results? Are Mondrian graphics good enough for this purpose or would you have to use R? If so, why?
4. Did you use R in any of your analyses? Could those capabilities be made available in Mondrian via Rserve? How should the interface be designed to give access to those parts of R?