Visualizing Multi-dimensional Questionnaire Data

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COMPUTER VISUALIZATION
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Initial Concept

- Nesting charts to visualize many variables
Project focus

- Visualize Likert-type or simple nominal or ordinal questions intuitively
  - vs. Grand Tour, Principal Component Analyses, Pixel Maps

- Display inter-dependence of variables

- Develop techniques for future questionnaire surveys
I have not discovered or invented an ideal solution
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Instead, I suggest three ‘okay’ methods
Progress

- Nested Category Map
- Correlation Table
- Graph Table
Progress

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Progress

- Correlation Table (highlight table + simple stats)
Progress

- Graph Table
Progress

- Nested Category Map
- Correlation Table
- Graph Table
Remaining Work (2 weeks)

- Finish writing code for visualizations
- Add filtering, if time allows
- Prepare presentation