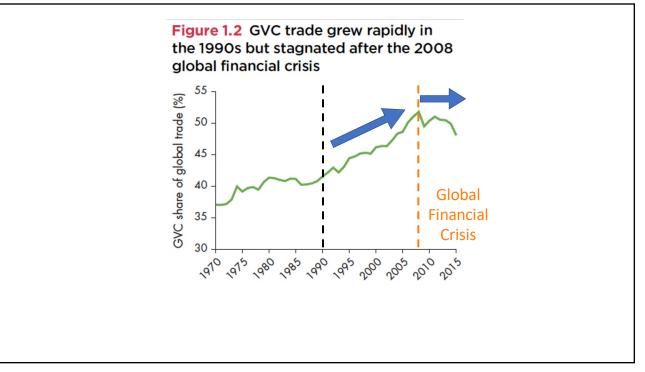
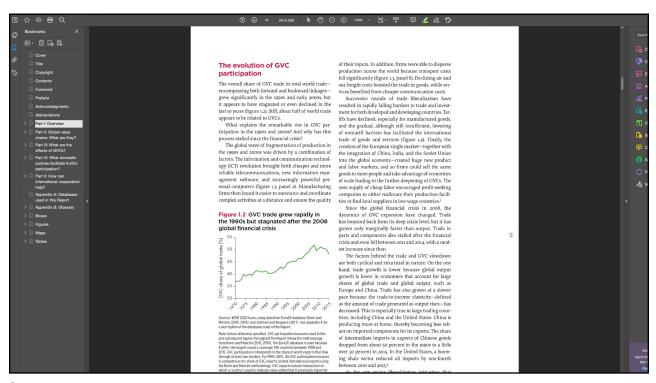
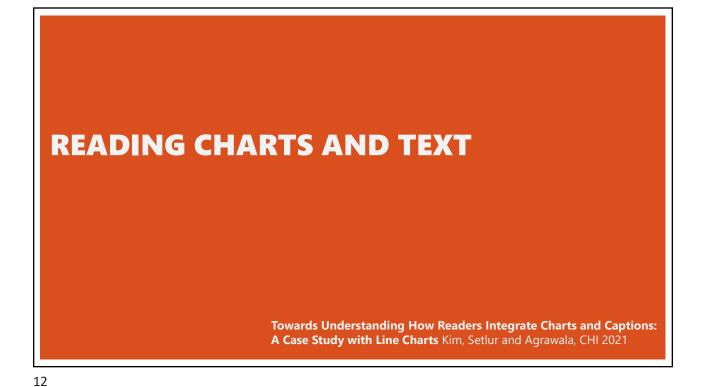
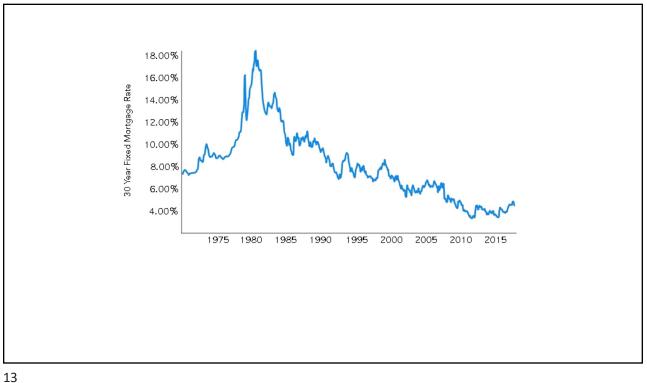


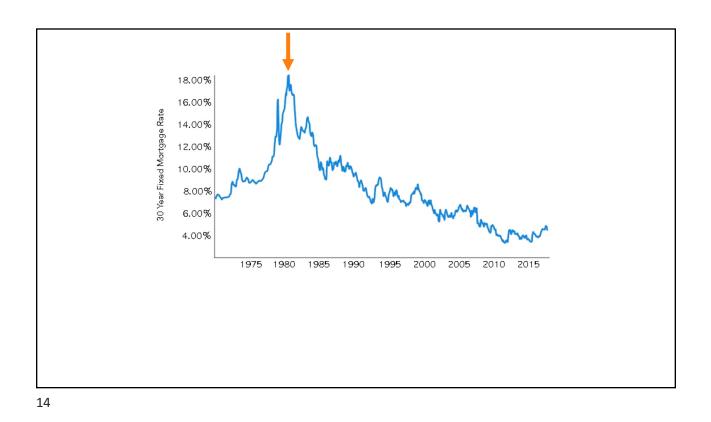
Figure 1.2 GVC trade grew rapidly in the 1990s but stagnated after the 2008 global financial crisis

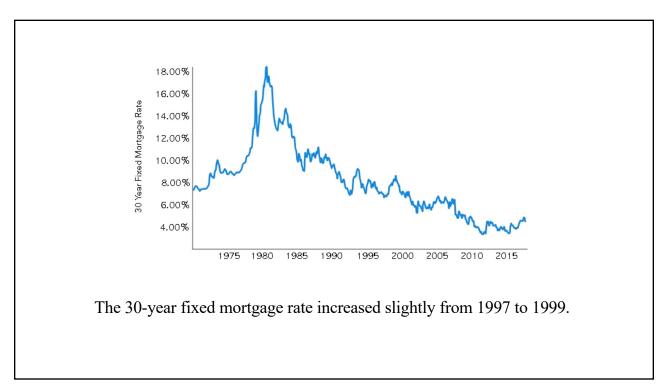


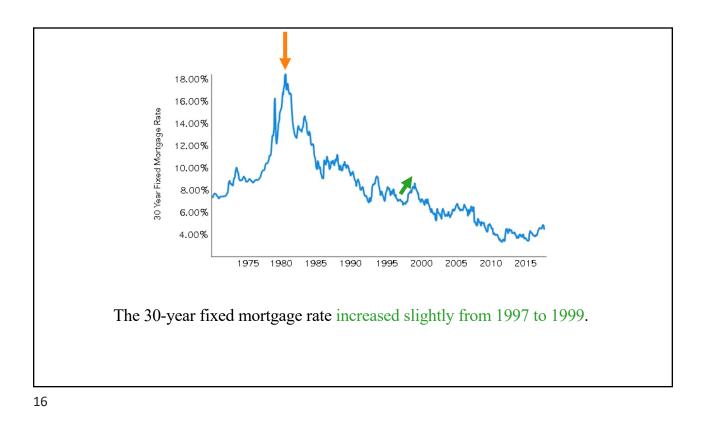




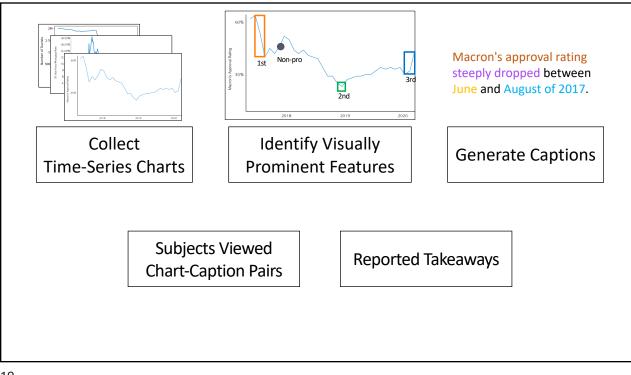


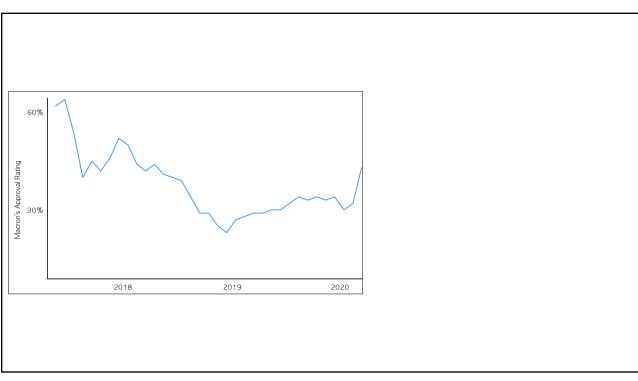


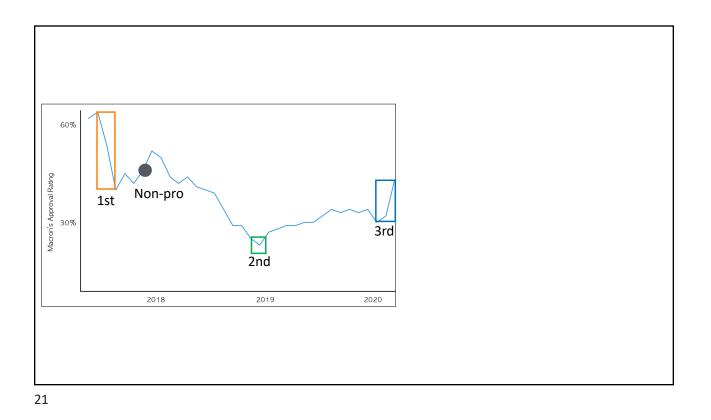


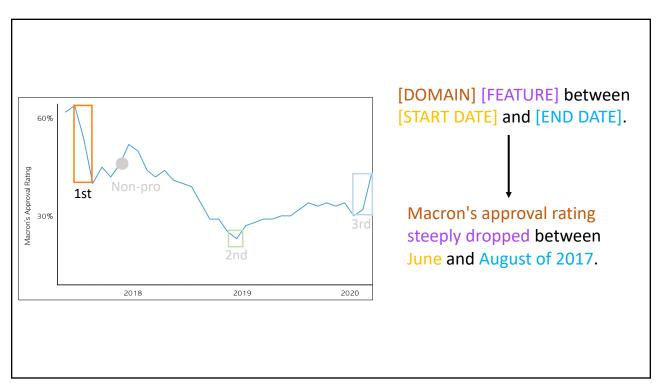




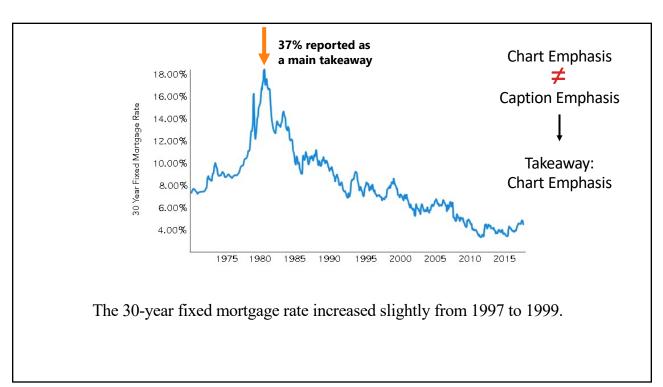


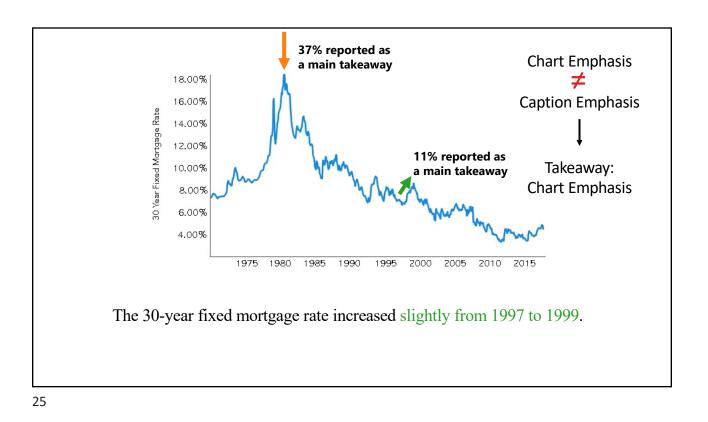


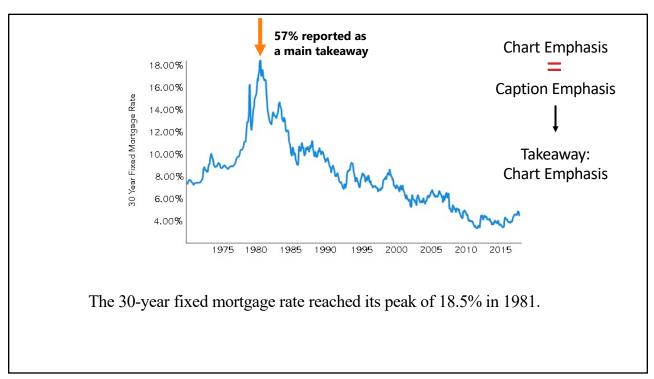






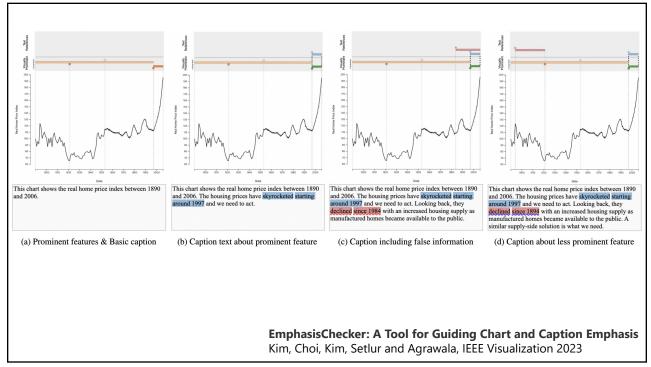




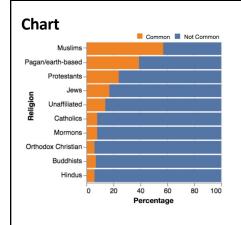


Do readers rely more on the chart or captions for their takeaways?

When text and visualization emphasis mismatch, readers rely more on the chart and can miss information in the caption.

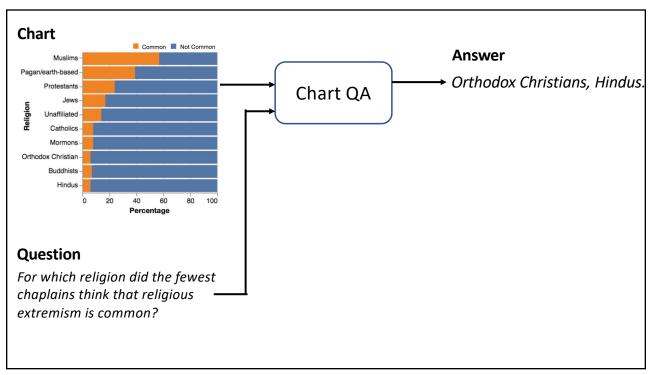


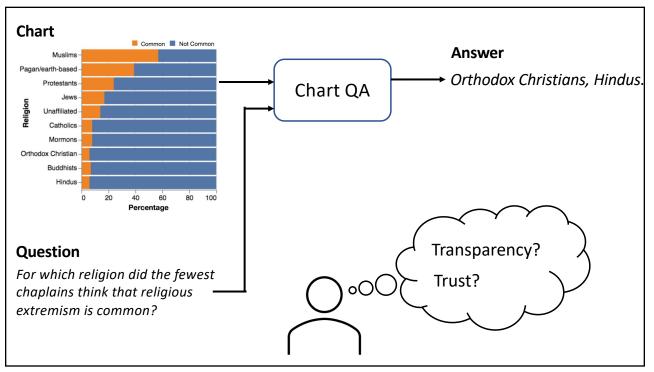


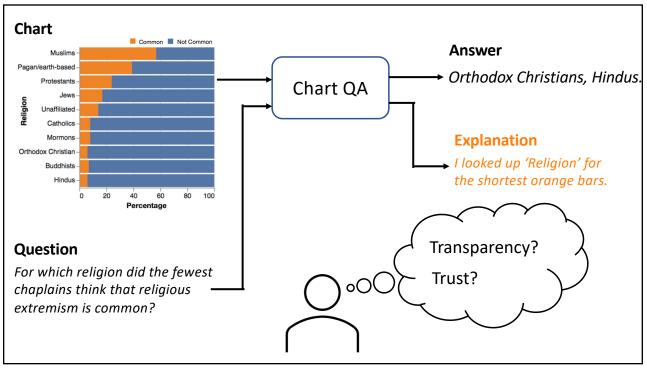


Question

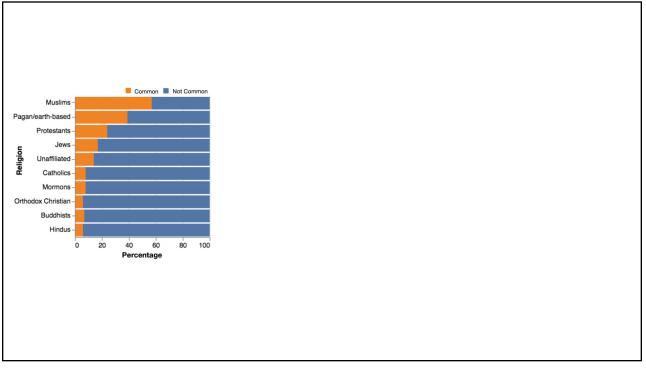
For which religion did the fewest chaplains think that religious extremism is common?

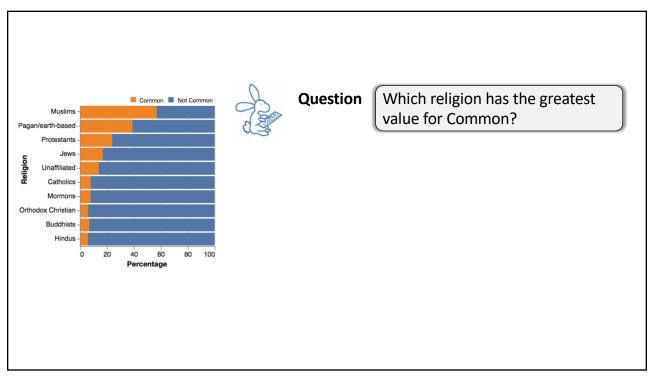




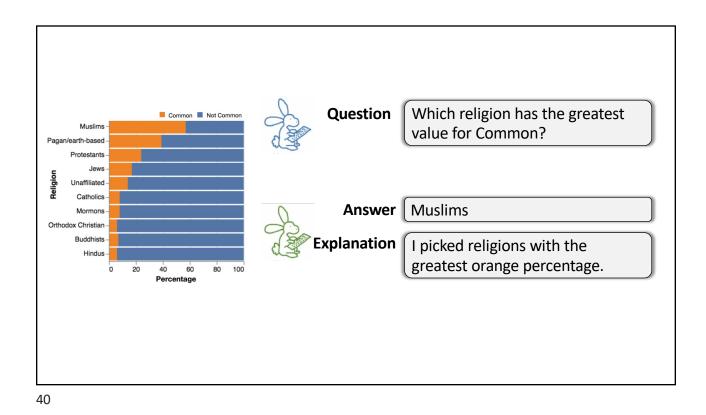


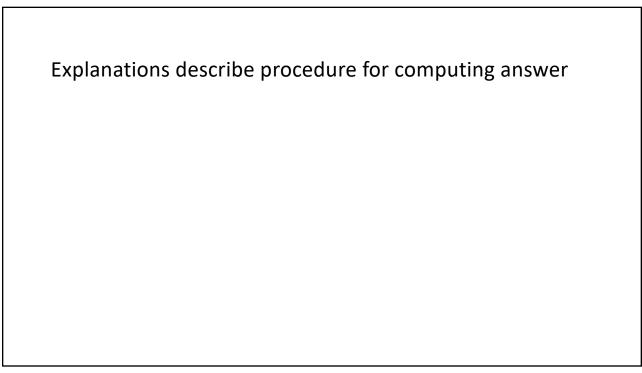




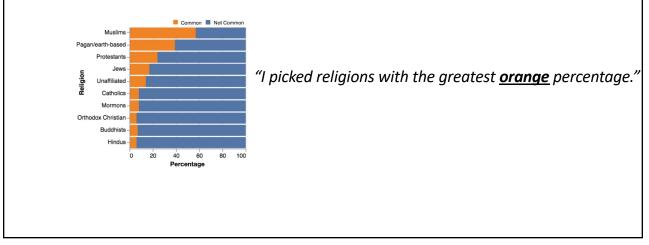




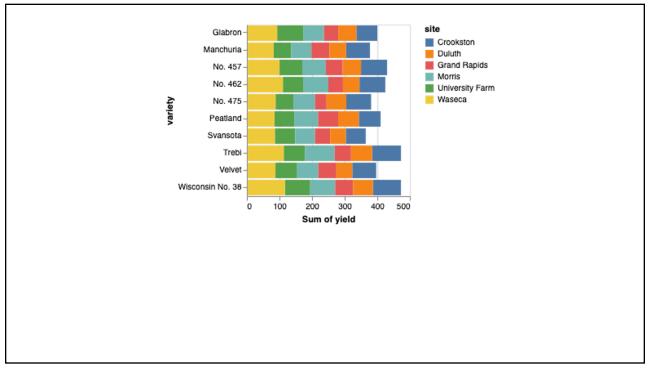


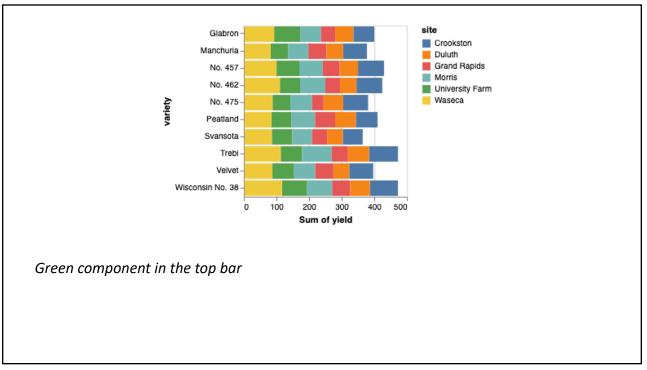


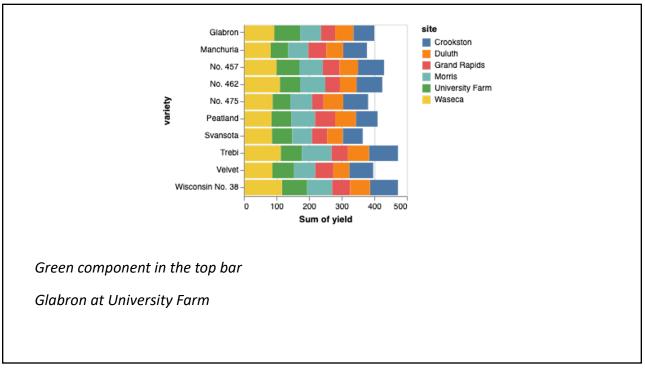
Explanations describe procedure for computing answer Half of the explanations referred to visual features of chart



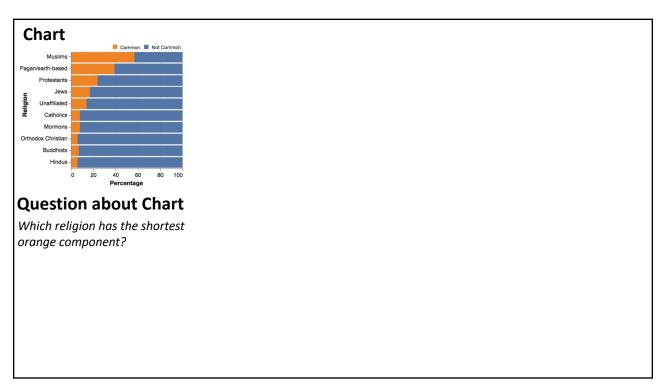


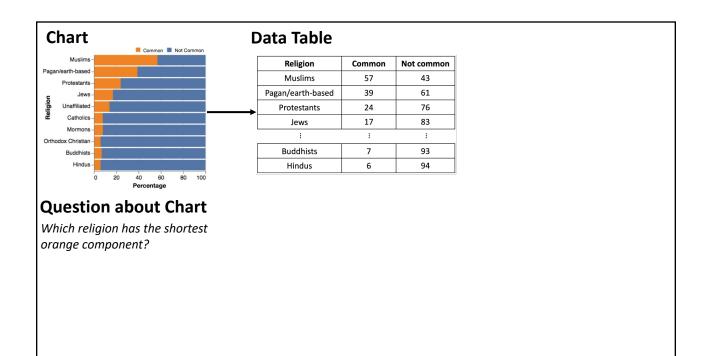




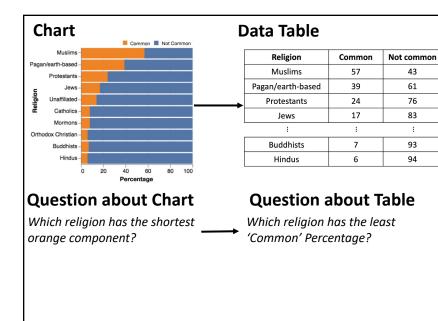


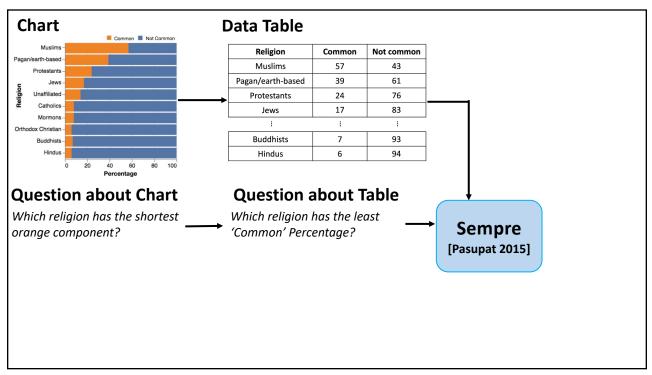


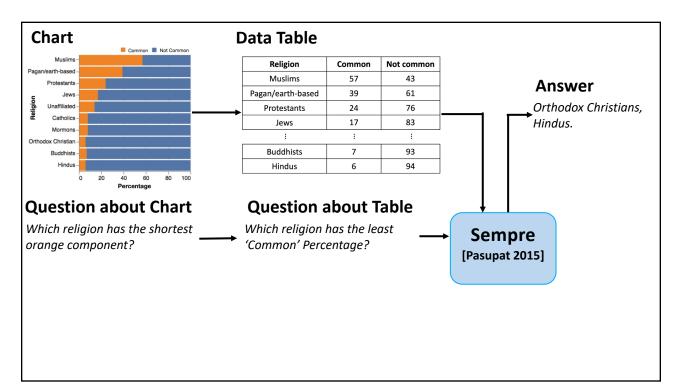


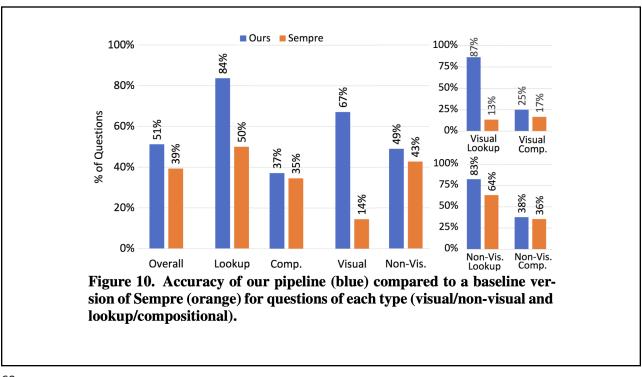


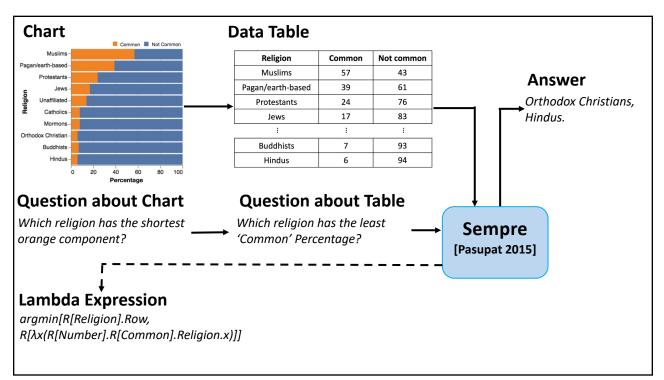
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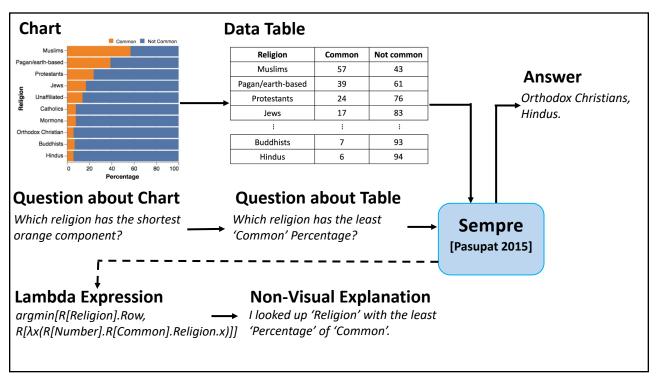


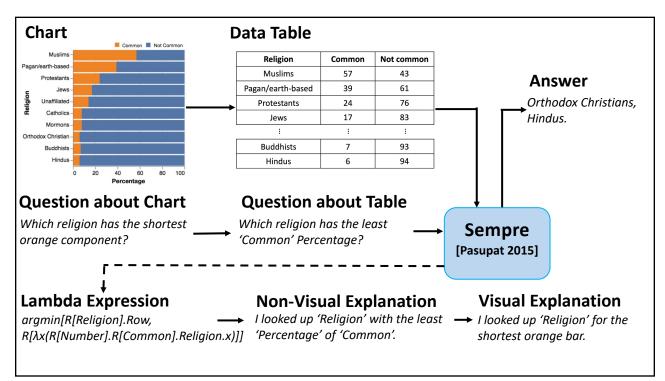




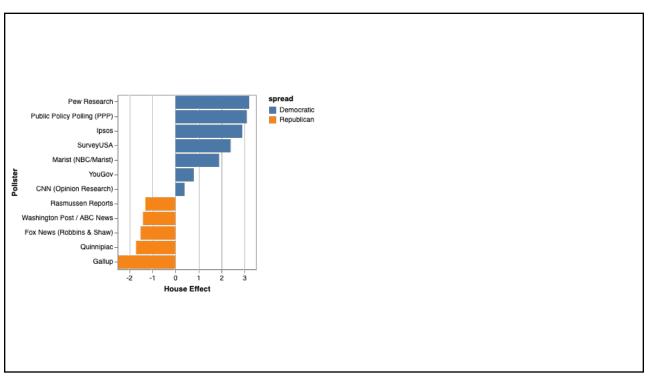


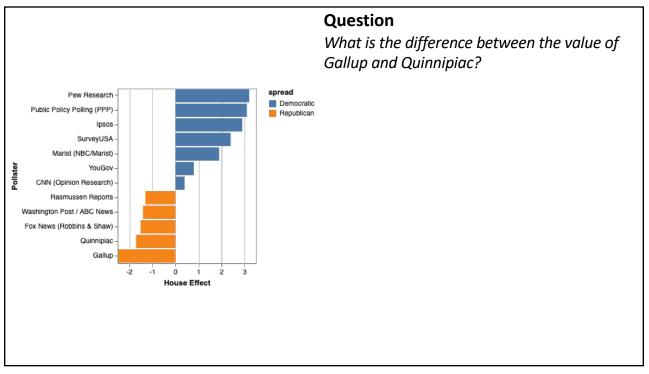


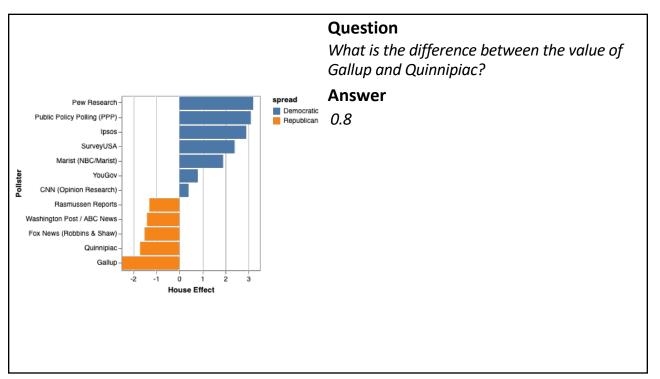




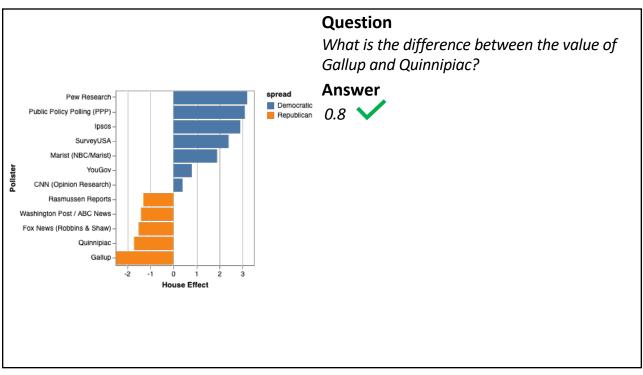


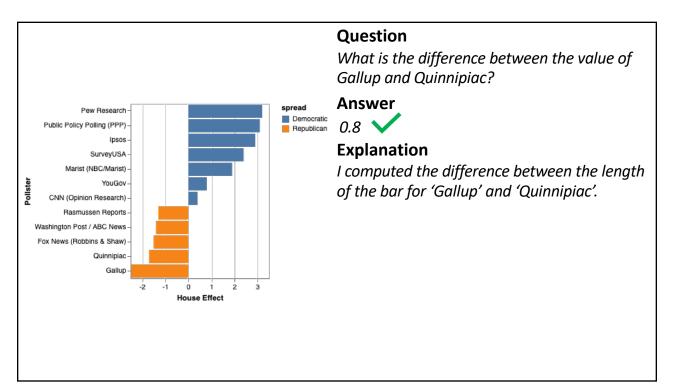




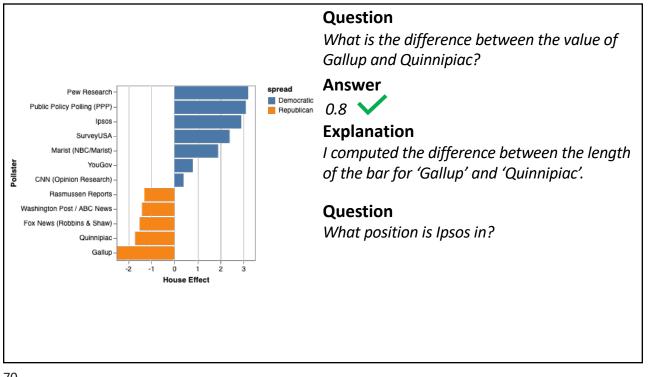




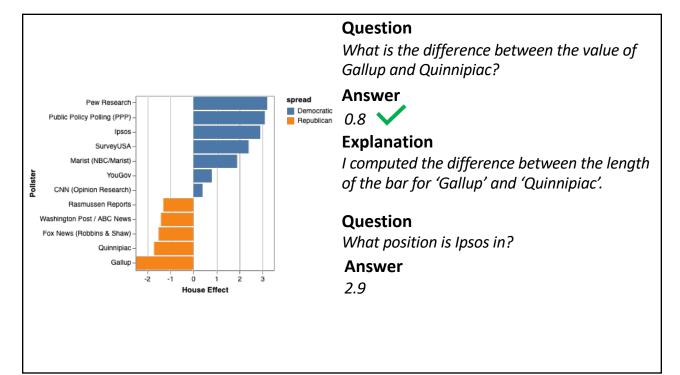


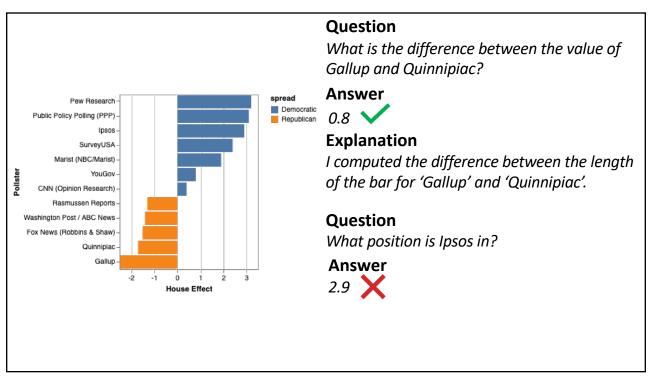


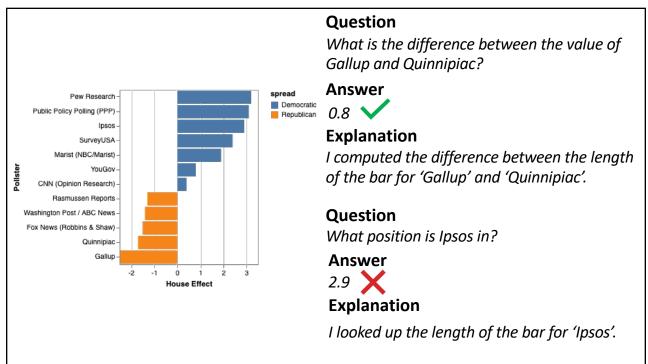




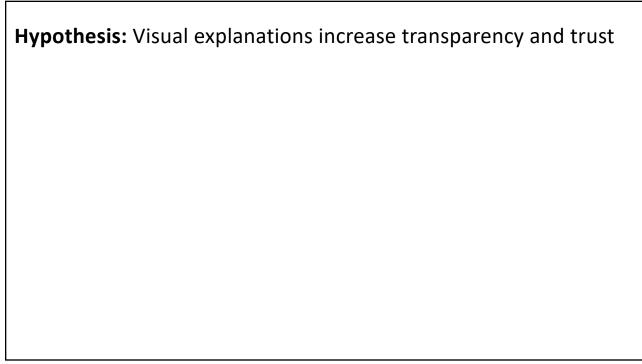


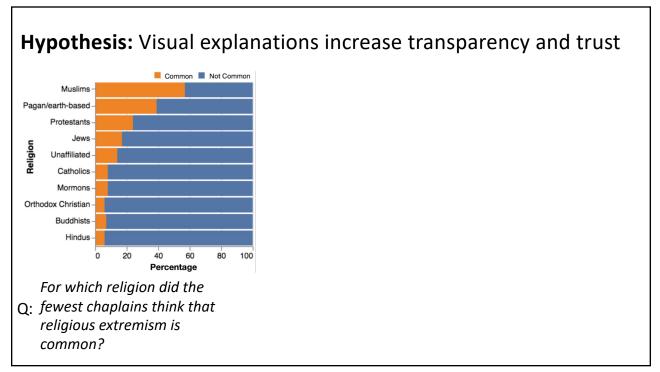


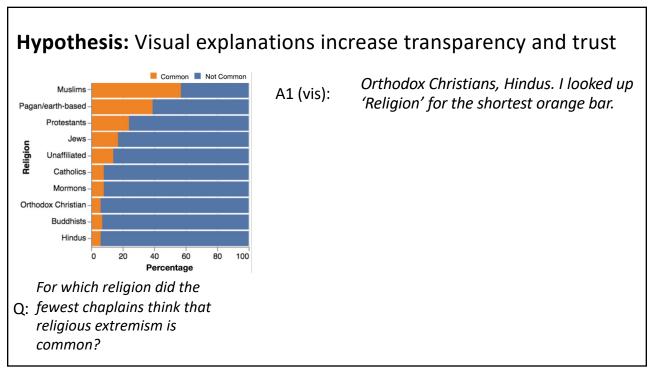


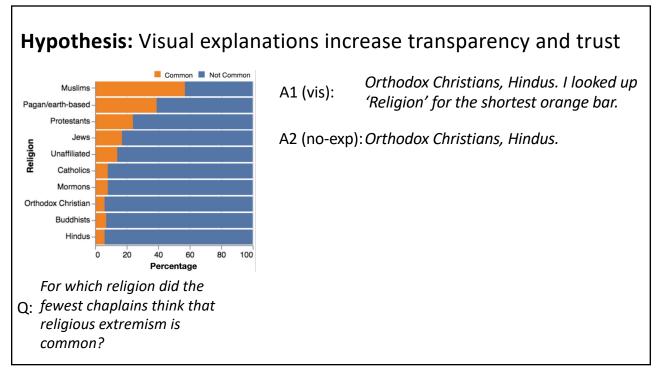


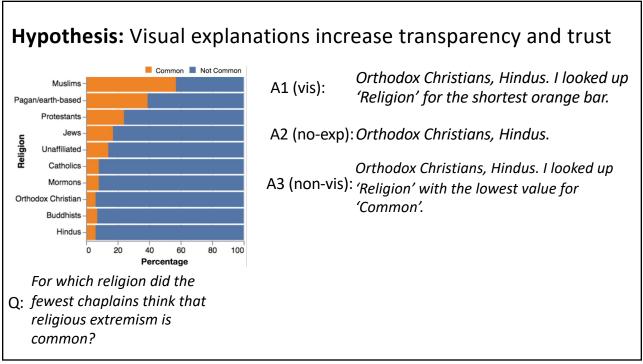


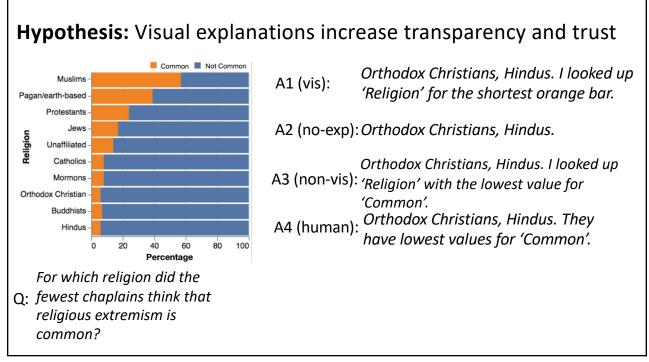


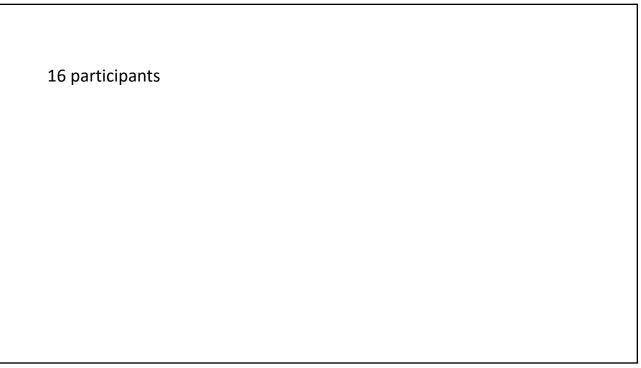










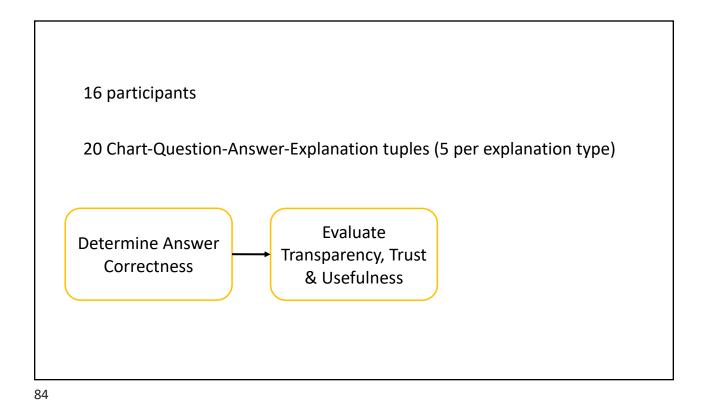


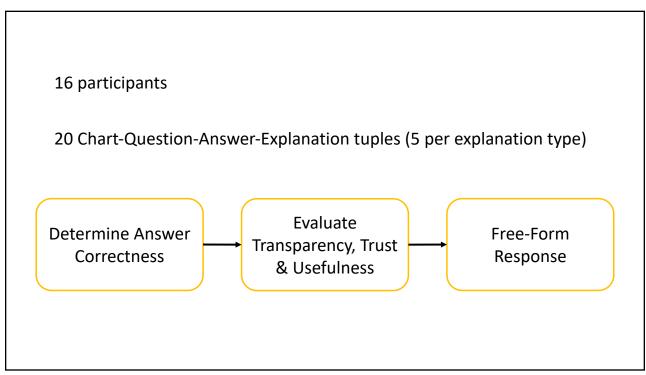
16 participants

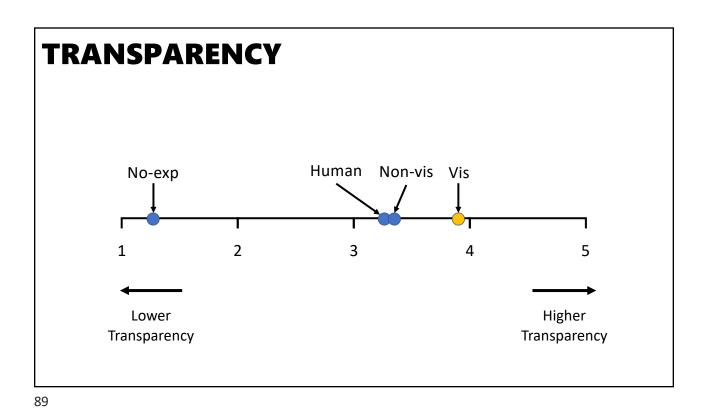
20 Chart-Question-Answer-Explanation tuples (5 per explanation type)

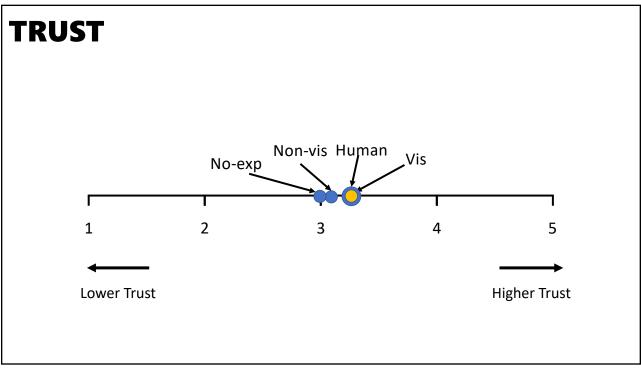
82

16 participants 20 Chart-Question-Answer-Explanation tuples (5 per explanation type) Determine Answer Correctness



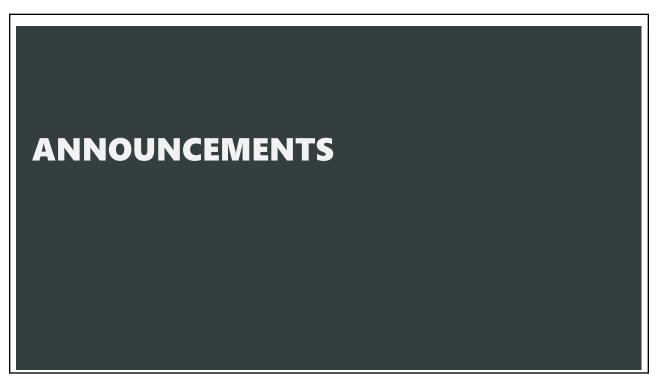






Understanding how text and charts are related is difficult.

Tools that clarify connections between text and charts can help guide people towards the intended messages.



FINAL PROJECT

Final Code and Video due Sun Dec 10, 8pm

Data analysis/explainer

Analyze dataset in depth & make a visual explainer

Deliverables

An article with multiple different interactive visualizations Short video (2 min) demoing and explaining the project

Schedule

Project proposal: Mon 11/6 Design Review and Feedback: 9th week of quarter, 11/27 and 11/29 Final code and video: Sun 12/10 8pm

Grading

Groups of up to 3 people, graded individually Clearly report responsibilities of each member

100

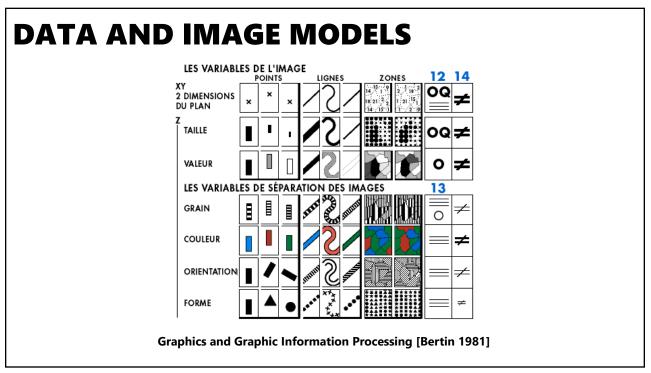
COURSE EVALUATION

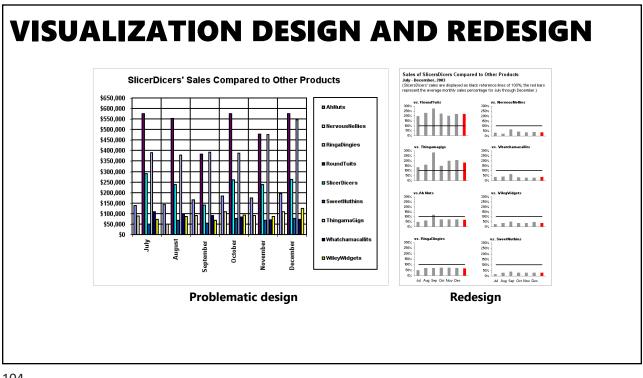
Official course evaluation, due by 12/18

Your opinion is valued!

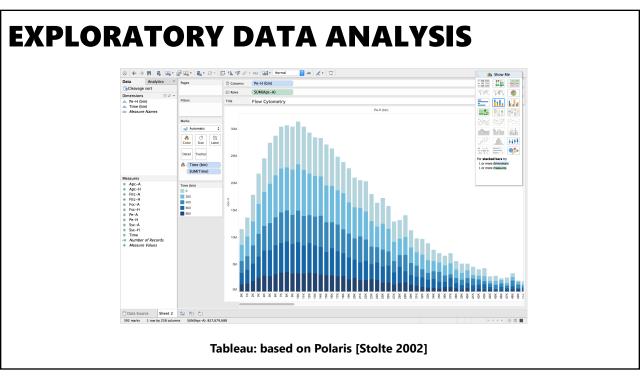
http://course-evaluations.stanford.edu

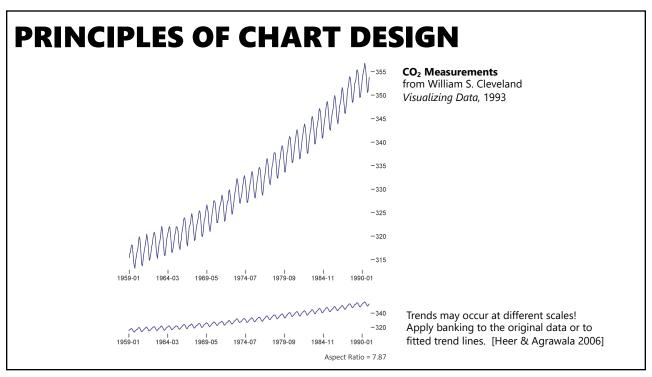


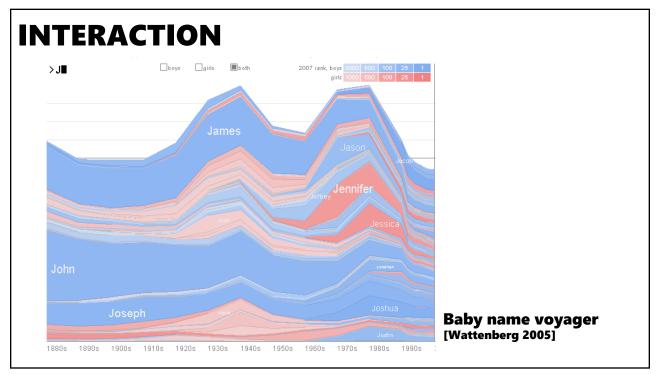


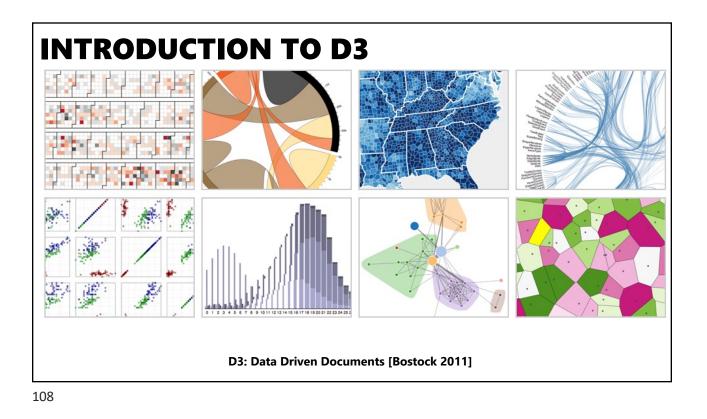


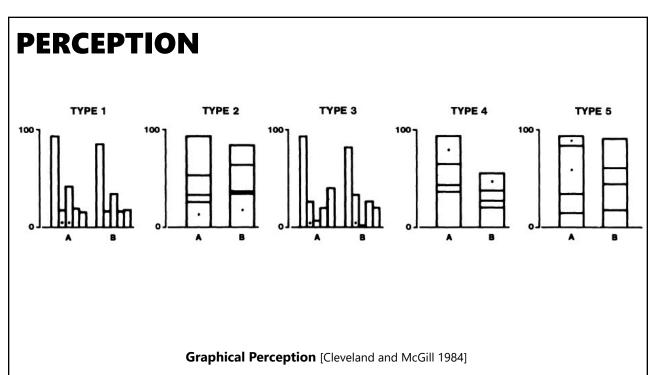


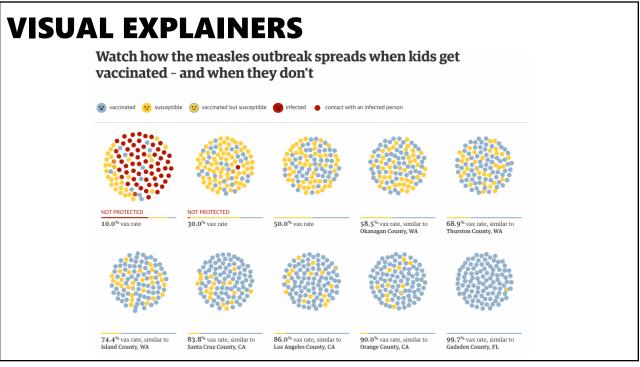


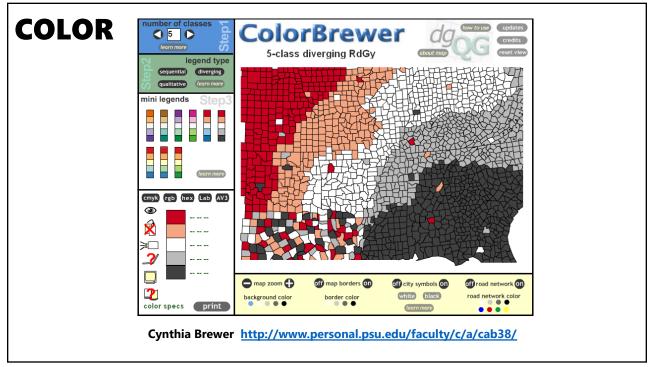


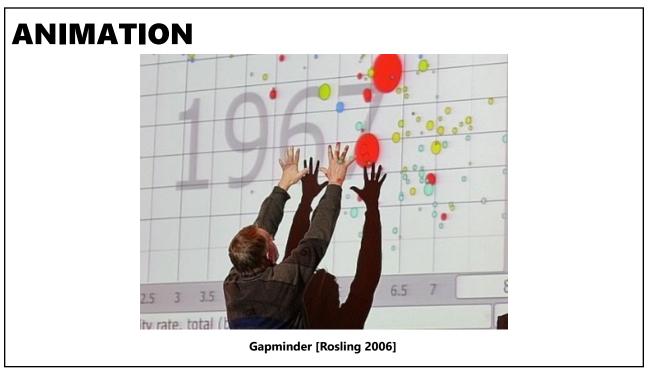


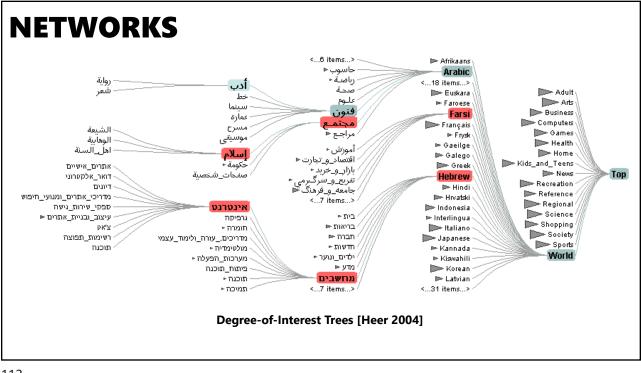


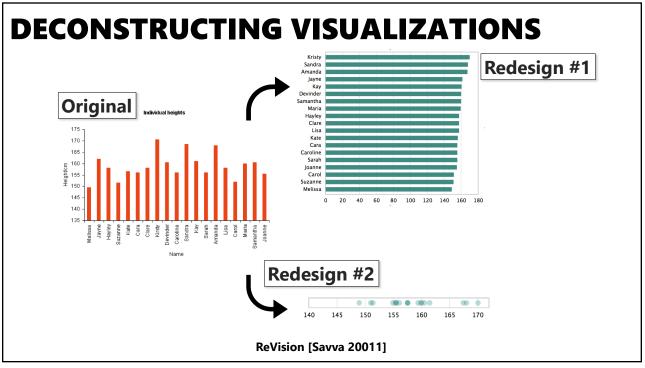


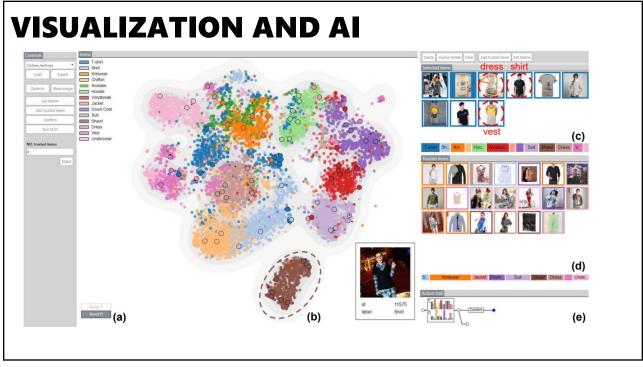












THE FUTURE OF VISUALIZATION

Where is more work required?

What emerging technologies and societal trends will impact visualization design?

What did you find most difficult in creating visualizations and designing techniques?

