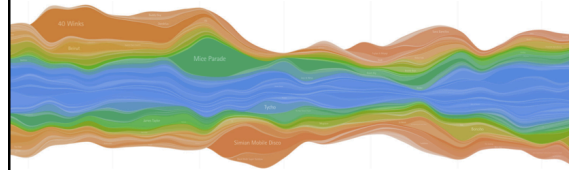


Final Project Progress Post & In-class work time

Readings for This Week:

- “Stacked Graphs – Geometry & Aesthetics”
Lee Byron & Martin Wattenberg, IEEE TVCG 2008

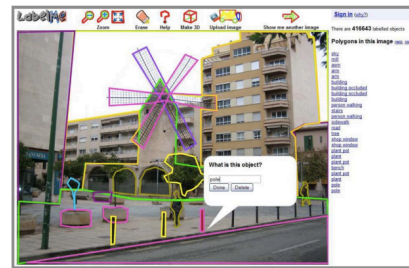


- or... YOUR CHOICE!

- “Engaging & polarizing graphic”
- Layout
 - Minimize “wiggle” of extremes & middle curves
 - Keep graph centered (don’t drift up or down)
- Colors
 - Local contrast
 - Display data, e.g., time of onset, popularity,
 - Bias color selection to total keep balanced
- Order
 - Sort by time of offset or “measure of volatility”
 - Generally alternate top & bottom

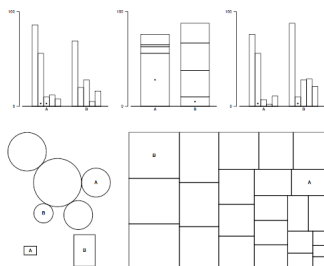
Readings for Next Week:

- “LabelMe: online image annotation and applications”
Torralba, Russell, & Yuen, IEEE, 2010



Readings for Next Week:

- “Crowdsourcing Graphical Perception: Using Mechanical Turk to Assess Visualization Design”, Heer & Bostock, ACM CHI 2010



Homework Assignment 10: *Final Project* User Feedback *week # 3*

- Show your final project visualization, in its current form, to:
 - at least 5 people in this class, and
 - at least 5 people outside of this class
- Get feedback on all aspects of the design
 - visualization style, color, layout, interaction, presentation, etc.
 - Is your intended message conveyed? Does the user draw a correct and logical analysis or interpretation from the data?
- Ask for suggestions for improvement for:
 - short term: can be implemented before the deadline
 - longer term: if you continued working on this visualization, what big visualization implementation challenges or other related datasets could you tackle?
- Engage in the discussion & take detailed notes of feedback
- Focus: Visualization Revision & Presentation

How to Solicit Useful Feedback

- Welcome criticism
 - Avoid becoming defensive
 - Remember you're looking for feedback, not just approval
- Listen carefully & Listen actively
 - Seek to understand accurately
 - Ask for clarification
- Don't decide [accept/dismiss] the feedback right away
 - Write it all down, and sort through it after you take a break
- Have a hypothesis
 - Be prepared for feedback
- Consider having a focus for feedback
 - Direct the conversation

Some material from: <http://oregonstate.edu/instruct/comm440-540/criticism.htm>

How to give Constructive Feedback

- Understand why and on what you are giving feedback
- Be direct & sincere
- Emphasize observation, rather than evaluation
 - Describe what you see, use "I" statements
- Invite collaborative discussion rather than just giving advice
 - Present criticism that allows the other party to make decisions
- Avoid overload the person, don't give more feedback/criticism than he/she can handle at this time
- Include positive feedback and areas for improvement

Some material from: <http://oregonstate.edu/instruct/comm440-540/criticism.htm>