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:

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

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