Advanced Visualization and Communication 1
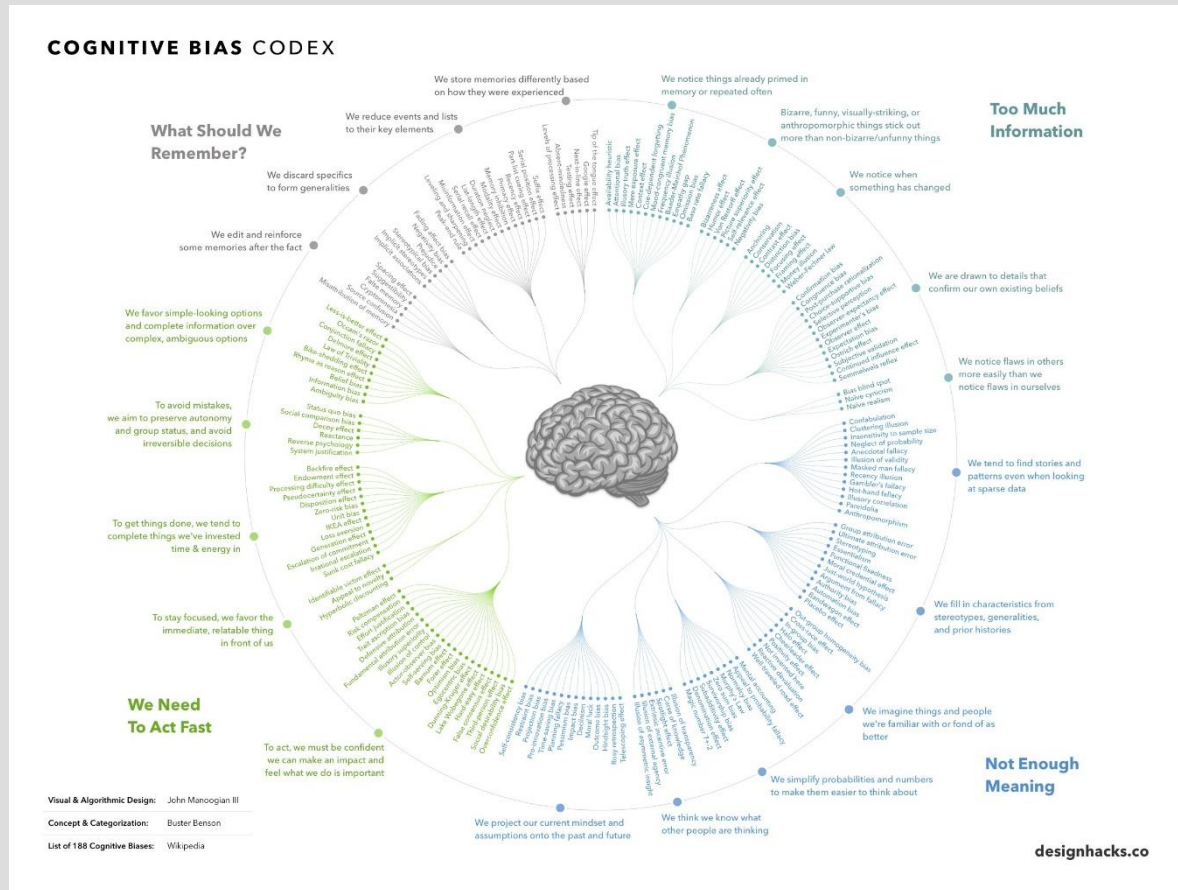
PSDS 3300

Module 4

Module Activities

- Module Readings
  - Cognitive Biases and their effects on creating and interpreting visualizations

- Read Notebook page now, then return to linked readings in the after the activities

COGNITIVE BIAS CODEX

What Should We Remember?

Too Much Information

We Need To Act Fast

Not Enough Meaning

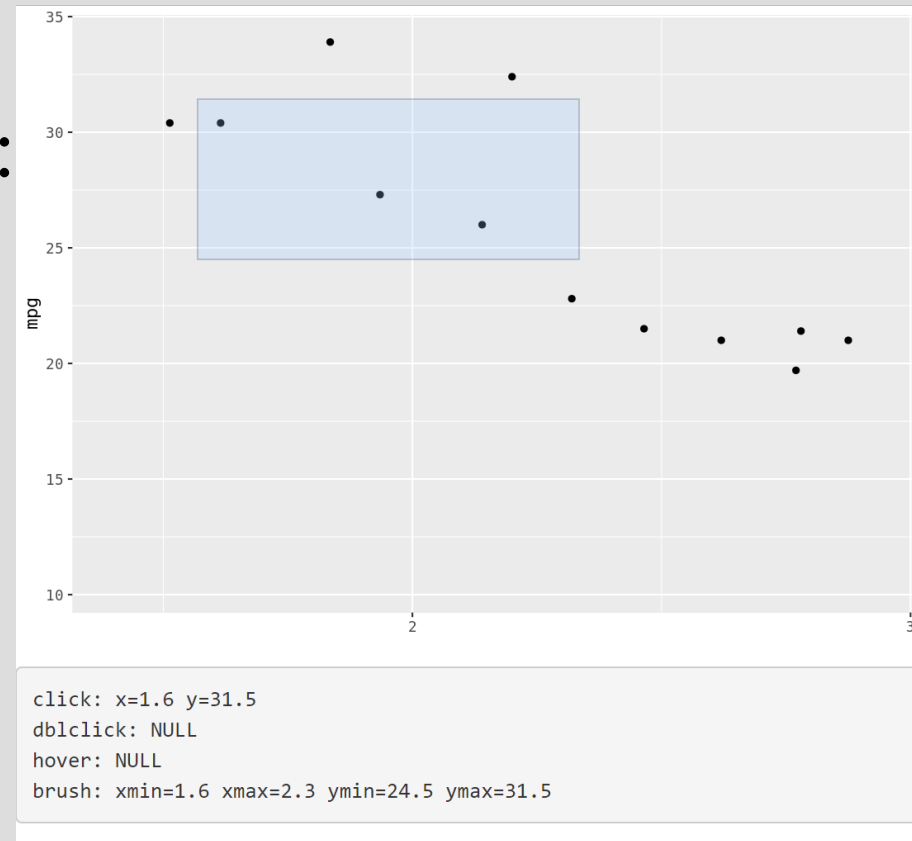| Visual & Algorithmic Design: | John Manoogian III |
| Concept & Categorization: | Buster Benson |
| List of 188 Cognitive Biases: | Wikipedia |

designhacks.co

Labs

Interacting with plotted data, not just widgets for control.

Lab covering chart interactions:

- Click

- Double Click

- Hover

- Brush

New concept for Shiny App:


```
click: x=1.6 y=31.5
dblclick: NULL
hover: NULL
brush: xmin=1.6 xmax=2.3 ymin=24.5 ymax=31.5
```
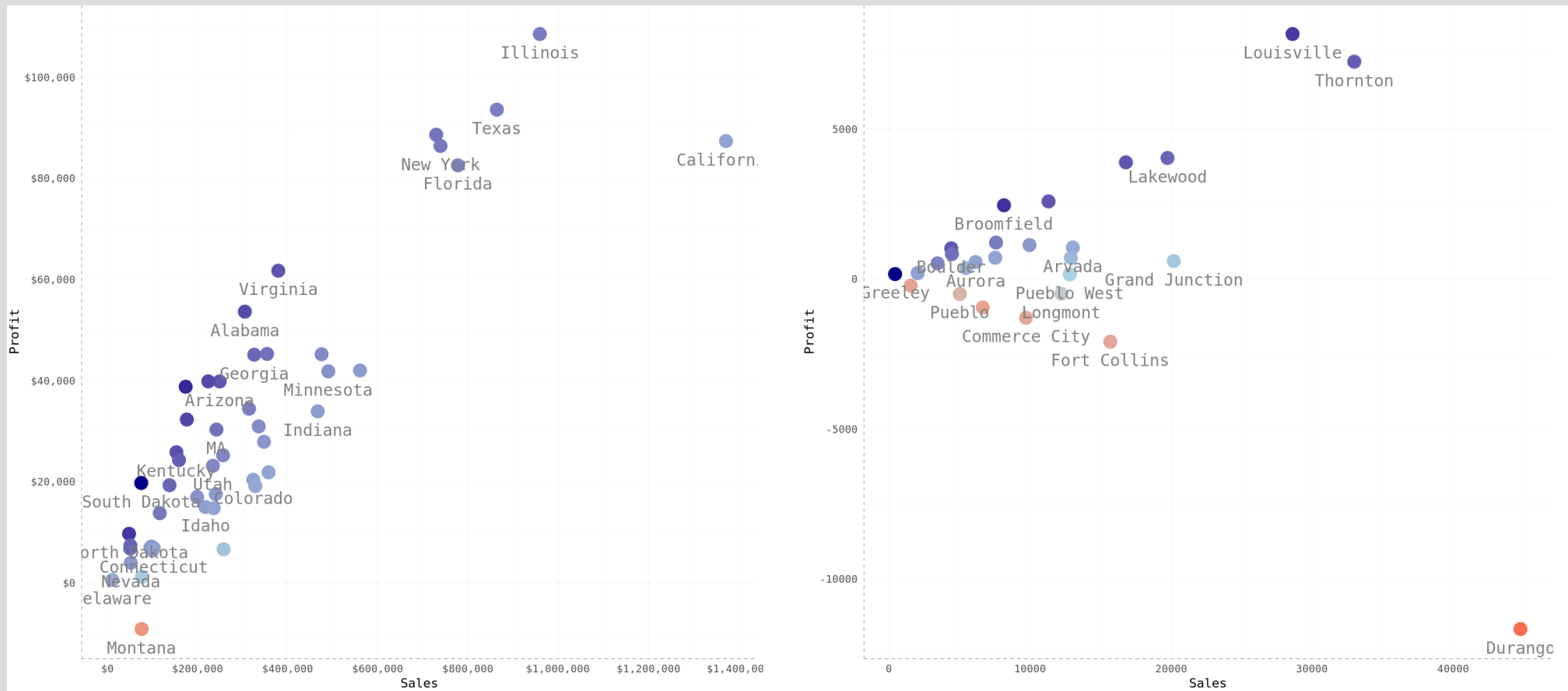
Practices

Continue to learning techniques to link chart interactions with reactive behaviors
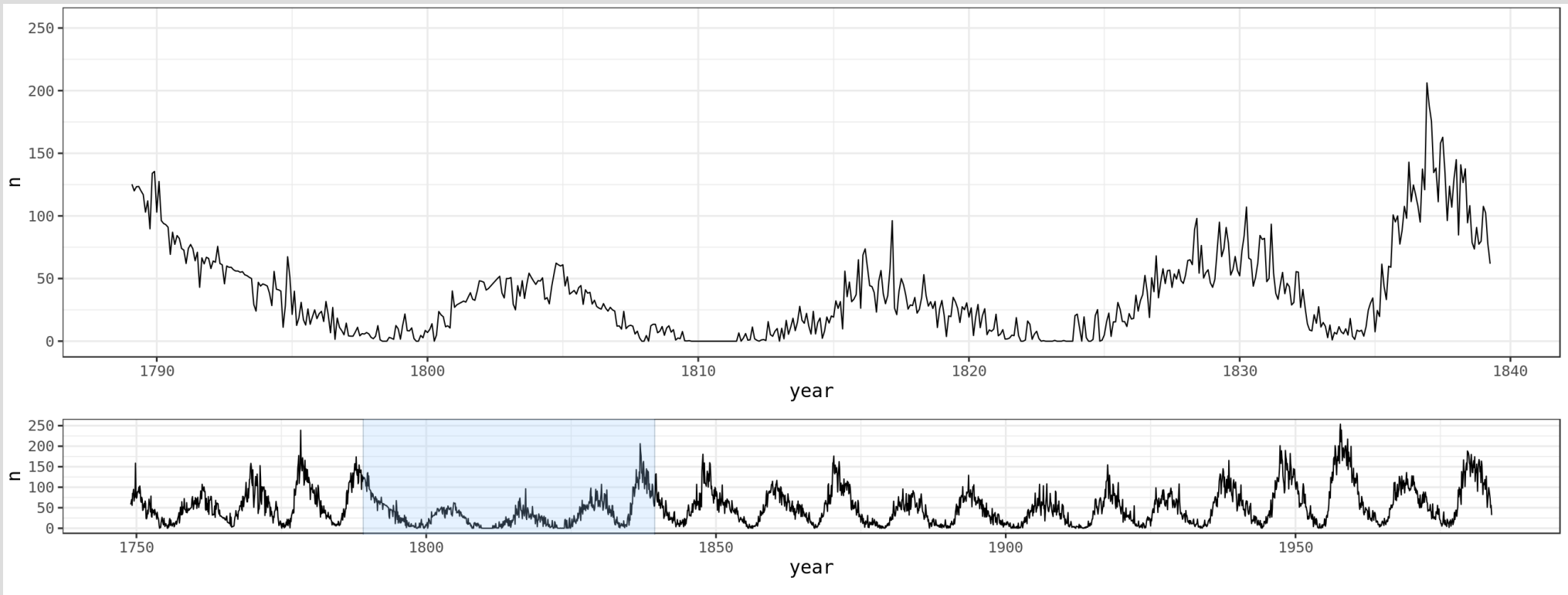
Exercises

Continue to learning techniques to link chart interactions with reactive behaviors

Enjoy!

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