# CSSS 569 Visualizing Data and Models Lab 5: Intro to tile

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February 7, 2020

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- ► Preview of three examples

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    - Complex traces: lineplot(), scatter(), ropeladder(), and rugTile()

- Primitive trace functions:
  - ▶ linesTile(): Plot a set of connected line segments
  - pointsTile(): Plot a set of points
  - polygonTile(): Plot a shaded region
  - polylinesTile(): Plot a set of unconnected line segments
  - textTile(): Plot text labels
- Complex traces for model or data exploration:
  - ▶ lineplot(): Plot lines with confidence intervals, extrapolation warnings
  - ropeladder(): Plot dotplots with confidence intervals, extrapolation warnings, and shaded ranges
  - rugTile(): Plot marginal data rugs to axes of plots
  - scatter(): Plot scatterplots with text and symbol markers, fit lines, and confidence intervals

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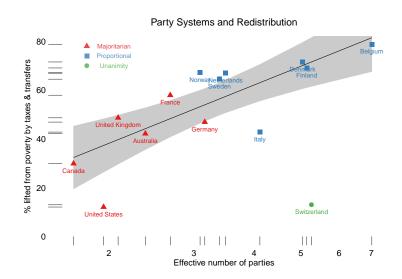
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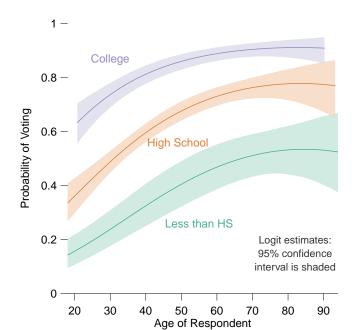
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  - 3. **Examine output and revise**: Look at the graph made in step 2, and tweak the input parameters for steps 1 and 2 to make a better graph

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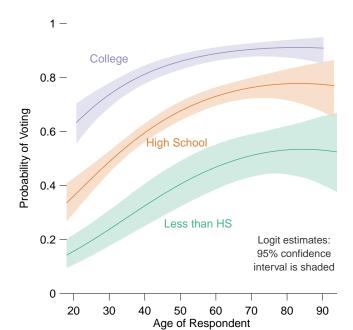
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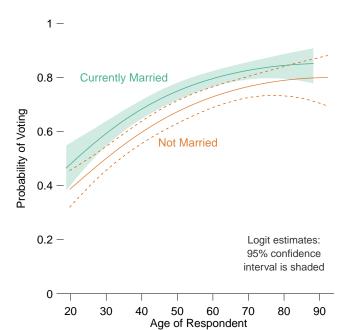
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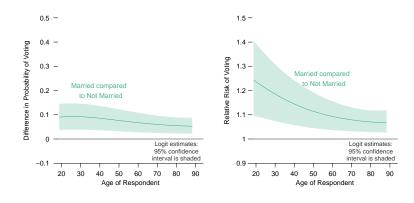
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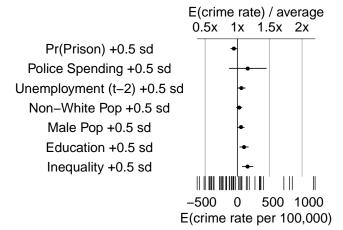
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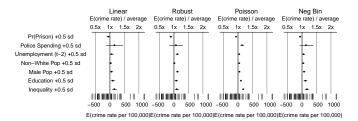


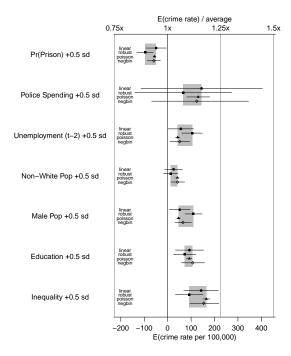


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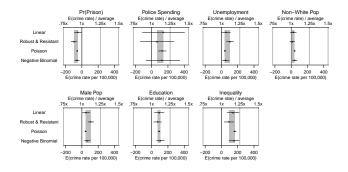


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