Documentation on using ioslides is available here:
http://rmarkdown.rstudio.com/ioslides_presentation_format.html Some slides are adopted (or copied) from OpenIntro: https://www.openintro.org/

Final Exam

- Will be available at 9pm.
- Due by end of day December 17th.
- You may use your book and course materials.
- There are two parts:
  1. Part one multiple choice questions and short answer questions.
  2. Part two has a small data set to analyze with R, then answer some interpretation questions.
- Put your answers in the Rmarkdown file and submit the PDF file. **Please do not post your answers online!**

Presentations

- Juliann McEachern (6.27)
- Jithendra Seneviratne (8.15 / 8.17) slides
- Anthony Pagan (8.1) slides
- Jack Russo (8.3)
- Zachary Herold

My Work

My research interest is in propensity score methods. Propensity score analysis (PSA) is a quasi-experimental design used to estimate causality from observational studies. It is generally conducted in two phases:

1. Estimate propensity scores (i.e. probability of being in the treatment) using the observed covariates.
    1. Check balance
    2. Re-estimate propensity scores
2. Estimate effect sizes using typical group differences (e.g. t-tests)

Areas I have worked on:

- Multilevel PSA (see `multilevelPSA` R package)
- Matching with non-binary treatments (see `TriMatch` R package)
- Bootstrapping PSA (see `PSAboot` R package)

Thank You

This has been a great semester. Please don't hesitate to reach out:

- Email: jason.bryer@gmail.com
- Github: http://github.com/jbryer
- Blog: http://bryer.org
- LinkedIn
- Twitter: [@jbryer](https://twitter.com/jbryer)

In early January, the course website will be moved to fall2018.data606.net.

You can download all course materials on Github. Click the clone or download link to download a zip file.