

Supplemental Course Readings

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1 Statistical Inference

1.1 Unbiasedness

- [Gerber and Green \(2012, Section 2.4\)](#)

1.2 Standard Errors

- [Gerber and Green \(2012, Chapter 3\)](#)
- [Dunning \(2012, Chapter 6\)](#)
- [Freedman et al. \(2007, Chapter 33, footnote 11\)](#)
- [Lin et al. \(2013\)](#)
- [Aronow et al. \(2014\)](#)

1.3 Covariance Adjustment

- [Gerber and Green \(2012, Chapter 4\)](#)
- [Rosenbaum \(2002a\)](#)

1.4 Weighting

Harmonic Mean Weighting

- [Hansen \(2011, Section 9.3.3\)](#)
- [Hansen and Bowers \(2008, Section 2.1\)](#)

Block-Size Weights

- [Gerber and Green \(2012, Section 3.6.1\)](#)

ATT Weighting

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1.5 Logistic Regression

- [Freedman \(2008\)](#)

2 Fisherian Inference

2.1 Fisherian Inference with Binary Outcomes

Attributable Effects

- [Rosenbaum \(2002b, Section 5.5\)](#)
- [Rosenbaum \(2010, Section 2.5\)](#)
- [Rosenbaum \(2001\)](#)
- [Hansen and Bowers \(2009\)](#)

2.2 Fisherian Inference with Uncommon but Dramatic Responses to Treatment

Stephenson's Rank Test

- [Stephenson \(1981\)](#)
- [Rosenbaum \(2010, Chapter 16\)](#)
- [Rosenbaum \(2007\)](#)

3 Difference-in-Differences

- [Gerber and Green \(2012, Section 4.1\)](#)
- [Angrist and Pischke \(2008, Section 5.2\)](#)
- [Angrist and Pischke \(2014, Chapter 5\)](#)

4 Regression Discontinuity Designs

- [Lee \(2008\)](#)
- [Caughey and Sekhon \(2011\)](#)
- [Cattaneo et al. \(2015\)](#)
- [Sales and Hansen \(2014\)](#)

5 Sensitivity Analysis

5.1 Rosenbaum-Style Sensitivity Analysis

- [Rosenbaum \(2010, Chapter 3\)](#)
- [Rosenbaum and Silber \(2009\)](#)

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- [Rosenbaum \(2008\)](#)
- [Hansen and Sales \(2015\)](#)

5.2 Sensitivity Analysis for Statistical Inference

- [Hosman et al. \(2010\)](#)
- [Imbens \(2003\)](#)

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