

Biostat 578A: Evaluating Vaccine Efficacy

Questions for Readings 4

Due Thursday February 2

Assignment: Answer the following question.

1. Hussey and Hughes (2006): Discuss some pros and cons of GEE and linear mixed model methods for analyzing data collected in a stepped wedge trial. In addition, consider the use of a stepped wedge trial to evaluate an HIV vaccine in a large post-licensure study (tens-to-hundreds of thousands of study participants). What are some scientific questions that such a trial is well-suited to address?