Matthew L. Pergolski

IST 772

Dr. Block

11/25/2021

**Final Exam**

**Beginning Statement**

“I produced the material below with no assistance [direct quote from IST 772 class syllabus].” Note: Homework questions from the book may have been copied/pasted into the document for both the student and viewer’s convenience. Quotes may also have been used from the class textbook.

**Final Exam Question 1**

**Question:**

1. How have U.S. vaccination rates varied over time? Are vaccination rates increasing or decreasing? Which vaccination has the highest rate at the conclusion of the time series? Which vaccination has the lowest rate at the conclusion of the time series? Which vaccine has the greatest volatility?

**Answer/Student Response:**

**Homework Question 2**

**Question:**

2. What proportion of public schools reported vaccination data? What proportion of private schools reported vaccination data? Was there any credible difference in overall reporting proportions between public and private schools?

**Answer/Student Response:**

**Homework Question 3**

**Question:**

3. What are 2013 vaccination rates for individual vaccines (i.e., DOT, Polio, MMR, and HepB) in California public schools? How do these rates for individual vaccines in California districts compare with overall US vaccination rates (make an informal comparison to the final observations in the time series)?

**Answer/Student Response:**

**Homework Question 4**

**Question:**

**Answer/Student Response:**

**Homework Question 5**

**Question:**

**Answer/Student Response:**

**Homework Question 6**

**Question:**

**Answer/Student Response:**

**Homework Question 7**

**Question:**

**Answer/Student Response:**

**Homework Question 8**

**Question:**

**Answer/Student Response:**