Master’s thesis topic

Yu He

1.     Is the test for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea, associated with education about condom use among high school children in the United States of America in 2019?

2.     Is the test for a sexually transmitted disease (STD) other than HIV, such as chlamydia or gonorrhea, associated with sexual violence among high school children in the United States of America in 2019?

3.     The trend of sexually transmitted diseases (STD) other than HIV, such as chlamydia or gonorrhea, and condom use from 2011 to 2019.

4.     The difference between condom use and sexual intercourse between middle schools and high schools

Dataset: Youth Risk Behavior Surveillance System (YRBSS) 2019

Data is available. Variables were identified. However, I still need to ensure the sample size and power.

Does the take the prescription pain medicine associated with a suicide attempt among high school children living in the United States of America in 2019?

Paper published: <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8555741/>

The trend of sexually transmitted diseases (STD) other than HIV, such as chlamydia or gonorrhea, and condom use from 2011 to 2019.

This is a viable option but is primarily a descriptive question. It would be strengthened by potentially examining how associated factors have also changed over time in order to identify potential explanations for changes in STIs that you see.

However, you’d need to go a bit deeper than just the description of how the rates have changed. If you decide to move forward on Question 3, the next step would be to focus your literature search on prior work that looked at **changing trends in non-HIV STIs among adolescents across the globe**. Then, I’d focus on papers that **examine risk factors for non-HIV STIs in adolescence,** as that would provide some **potential variables** to include when seeing what other features changed and how they may have contributed to the changes observed in non-HIV STIs.

2.

* 1. The trends in dental visits among children living in the United States of America aged 5-17 pre- and post-pandemic
  2. The association between delay getting dental and insurance type among children living in the United States of America during the Covid-19 pandemic.

Dataset: Medical Expenditure Panel Survey (MEPS)

The latest dataset provided data in 2020. Data is available. Variables were identified. However, some variables were available in several different data files. Moreover, I need to ensure these variables are available. In addition, I still need to ensure the sample size and power.

3.

* 1. Does the access to care associated with health insurance among children living in the United States of America in 2021?
  2. Does the infection with Covid-19 associated with cognitive problems among children living in the United States of America in 2021?

Dataset: National Health Interview Survey (NHIS)

Data is available. Variables were identified. But I still need to ensure the sample size and power.