GPH-GU-2338: Machine Learning in Public Health

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Project Proposal

1. **Problem you will tackle**

Regression discontinuity is a tool for causal inference, isn’t it? If I remember correctly we’re aiming to identify political interventions as causal of population level COVID-19 outcomes by identying regression discontinuities?

1. **Description of data you plan to use**

Data has been collected from *[I don’t remember the source you mentioned, sorry]*.

1. **Proposed approach and methods**

Regressing population health outcomes of locations in India over various interventions.

1. **Evaluation plan**

Identification of predictor variables in a regression associated with discontinuous response outcomes?

1. **Timeline**

16 March: Proposal Submission

21 March: end, Week 1

28 March: end, Week 2

04 April: end, Week 3

11 April: end, Week 4

18 April: end, Week 5

25 April: Complete / final review

27 April: Presentation

1. **What each group member will do**

Vishwali: Collected data already!

Matt: