Date: 12/18/2020

Meeting Attendees: Nathan, Bhanu, Mackenzie, Yukon Mario

Bhanu notes: some error in data because blood tests pre January showed signs of covid. More cases than originally known

Covid19-projections.com

compare to our model, variable reproduction number

Nathan: Check effects of mask usage, partition population where those who wear mask have reduced chance to infect others

Sympomatic effects: most people are asymptomatic and thus infect others. Partition infected based on day and what percent are infected but asymptomatic.

https://www.cdc.gov/coronavirus/2019-ncov/downloads/science-of-masking-full.pdf

Yukon: Updated SIRC dynamic model. Better scientific data to compare to and draw from

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7313654/>

Asymptomatic people spread disease more

<https://www.forbes.com/sites/coronavirusfrontlines/2020/05/16/the-term-asymptomatic-is-more-complicated-than-it-seems-when-it-comes-to-coronavirus-infections/?sh=4998506561d9>

<https://github.com/youyanggu/yyg-seir-simulator>

<https://github.com/songyao21/covid_data_depot>