

Our project

Literature Review:

<https://cepr.harvard.edu/files/cepr/files/5-4.pdf?m=1651690491>

Problem and Methods:

Measure achievement gap in students using regression analysis and build a ML model that estimates time needed for students to catch up on learning loss caused by COVID-19 related school closures. The model can take different parameters (poverty status, race, ethnicity, gender etc.) to estimate how much time would be needed for a particular student to catch up on their learning loss. This model can be built using information provided in the paper linked in literature review ("The Consequences of Remote and Hybrid Instruction during the Pandemic")

Data:

<https://www.covidschooldatahub.com>

COVID-19 School Data Hub

U.S. School Learning Models, 2020-21 The COVID-19 School Data Hub integrates data from state agencies about the learning models used in their K-12 schools and districts over the course of the 2020-

 <https://www.covidschooldatahub.com/>



COVID-19 School Data Hub

