**Meeting attendees.**

**Meeting time**

**Meeting agenda.**

**Progress made in the past week.**

**Issues/Questions and Comments**

**Ongoing tasks that covers 2022.12.14 – 2023.1.5**

Establish our own python packages for causal learning, including PC, GES, FCI, rFCI, FGS, and DID propensity score methods.

Garrett: FCI, GES, and PC all done by Causal-learn package, rFCI and FGS done by py-causal package, I have also found a package that has an advanced application of DID using synthetic control as well to weight certain values. It is known as Synthetic difference-in-differences (SDID).

<https://www.ccd.pitt.edu/tools/>

<https://github.com/MasaAsami/pysynthdid>

**Specific tasks for the coming week (the original task assignment for two weeks)**

Focus on DID propensity score methods.

1. Read the slides Dr. Jiang provided.
2. Literature searching for relevant papers.(Google scholar, Mendeley, and HSLS …)
3. Search for and download existing programs/packages about this method. If can’t find any existing, then write our own.
4. Run experiments using programs from (3) using our testing datasets.
5. Write a PP (powerpoint) presentation/technical report about your work regarding this.

**Less urgent tasks**