# OHDSI WG meeting

July 1, 2020

Present: Seng Chan, Alana Cuthbert, Aniek Markus, Chungsoo Kim, Dani, Jaehyeong Cho, Jimyung Park, Jinseob Kim, Nicole, Peter, Rae Park, Martijn, Suho Jin, Teng Liaw, Ty

Seng Chan presents on his work on using auto-encoders in causal inference.

Peter: What do we mean by ‘robust’ methods? Chan: here we mean the methods needs to generate reliable evidence.

Nicole: How did you pick number of latent variables? Chan: by optimizing performance auto-encoder

Peter:Why do both L1 regularization in both auto-encoder and final refression? May not be needed in AA. Could try without.

Martijn: where was the AA fitted? Chan: fitted in union of target and comparator

Martijn: how well do AA models port from one population to another?

Peter: look at paper by NYU (David Sonntag’s group?)

Chan: could fit AA across OHDSI sites. Should be done sequentially