# Note of the join PLE/PLP workgroup meeting

June 3, 2020

Present:Hung do, Ty Stanford, 김청수, Ross Williams, Peter Rijnbeek, Renske Los, Nicole Pratt, Teng Liaw, Elena, Ian Wong

Ross Williams presents on Seek COVER.

Ian: some patients with very high risk might not be admitted to the ICU, for example to save resources. Could this cause bias in the model:

Ross: Yes, we’re aware of this and have tried to mitigate this, but remains a concern.

Peter: I liked we used bencmarks (2 vars, all vars)

Martijn: COVER-F lower AUC than just age-sex?

Ross: resampled train and test

Martijn: what database was used to train the final model?

Ross: Optum

Martijn: would be nice to explore ways to fit a model across the network. Have worked with Yong Chen on some promising techniques that may help here.

Peter: Yes, the whole question of portability of models should be a priority for us.

Peter: would be good to enumerate all cohorts needed to implement the features used in most prediction models, and just implement them in ATLAS. I can work on the Tufts database to identify which ones.

Martijn: Agreed, we could then add them to FeatureExtraction.