

- 1- check the Dr. Eli about when ROP is diagnosis?
- 2- averaging data before or on the same day ROP happen
- 3- do ROC curve and AUC for each variables.
- 4- use lasso regression or random forest (use the same cross validation) (1- 8 variables, 2- 3 IH Variables, 3- 8+3 variables)
- 5- compare this new results with current screening (do normalization)

To do list for next meeting

Samaneh:

- 1 - Feature normalization(8+3), and get the normalized score.
- 2 - select best features (it might be GA, BW, Sex and IH time, and IH events), then run Machine learning model, on all 14 tables
- 3 – Compare IH vs ROP data and IH+ROP data (subset of ROP based on best features), For comparison we need P_ Value as well. (Try T test for ROC curve)

Anchit:

- 1- try the sequence model IH data
- 2- Add P_ Value and Odds ratio for all experiments