16th meeting minutes 15/2/24 14:00 – 14:30

* What has been completed this week.
  + Got GNN working on the subgraph
    - Didn’t work on full graph as ran out of memory space due to lack of batching
    - Roc-auc score was about 0.5, so just randomly guessing
  + Got Matrix factorization working on subgraph
    - Haven’t checked on full graph yet
  + Started writing Background of diss
    - Currently big blocks of text, will break up more
* Topics discussed.
  + Best way to progress to evaluation
    - Fiddle with hyper-parameters to improving prediction ability
    - Run all 3 systems on the same dataset (this will be dependant on whichever system works for GNN
    - Hyper parameters to look at:
      * Early stopping
      * Learning rate
      * Batch size
      * Size of hidden vectors
  + Do bad prediction scores matter?
    - Yes, we do want to improve them if we can
      * If not we talk about how these approaches suggest that MeSH tags don’t work well for LBD
  + Dissertation style/layout
    - Not big walls of text
    - Break sections up into smaller chunks
    - Pictures make text more understandable
  + External issues
    - Talk to Graham
* Next steps.
  + Work on improving systems:
  + Make them comparable
    - Running on the same data
    - Evaluated on the same metrics
  + Keep writing Diss
    - Break up the walls of text.