Liaison CS Meeting Agenda – Thursday 9/12/24

This meeting will be quite administrative. We must finalize and record tasks, requirements, and standards.

1. Statement of Work
   1. Definition of sufficient accuracy and completeness of the deliverable
      1. What is accuracy?
         1. The best accuracy in papers sent over was about 90% accuracy on labeling 10s snippets
      2. Responsibility for and placement of interface
   2. Agreement on primary and stretch goals
      1. Priority of user-friendly model training?
   3. Milestones/stages of work
      1. Data exploration
      2. Model training
      3. Interface development
   4. Liaison requests for inclusions in the statement of work
2. Discussion of data sent by Dr. Backus
   1. Are there definitions of the column names? For example, what does something like TBF2 mean?
3. Reiteration of the potential difficulty of this problem
   1. It *may* not be possible, with the quantity of data, to provide a highly accurate model. We will have a better idea of this once we have a chance to look at the data.

Minutes (Zachary)

* Premeeting: We decided to start with discussion of statement of work and then move on to discussion of waveforms
* Deliverables
  + Might be better if it is a stand alone program from a commercialization standpoint and it would be better to have it usable with other measurement tools
  + They think it would probably be easier for us to implement if it were standalone
  + We might consider making sure it works headless so that it could be easily integrated into other things at a later step.
  + Make sure everything is described in terms of mosquitos
  + Primary goal: 95% accurate at the family level, types would be great. Cooper has a hard time differentiating between types. Consistency is what matters the most
  + Confidence would be nice. It’s okay for it to be iterative ← I’m not entirely sure about this online learning thing.