Zach: interface updates

- displays plot and labels

- buttons for open data, start labeling, and save labeled data

- can scale and pan on time and voltage axes

- can modify labels, and add/remove transitions

- Dr. Cooper: would be nice to display the equivalent Windaq compression level for reporting

- Dr. Reif: would be nice to have some default settings that align with Windaq

- Dr. Cooper: would be nice to have user preferences that can be saved

- Dr. Reif question: could Windaq event markers be displayed?

- Windaq numbering system is cumbersome, perhaps this could be changed

- this is on our list of features to add

- Dr. Reif question: can we ensure that we don't overwrite files?

- We can't easily write Windaq files, so we will write a different format

- What should the output format be?

- probably a plaintext format that can work with Excel, SAS, R, Infest

- Dr. Reif: would be nice to show some basic statistics about the current waveform --- amplitude, length, etc.

- Dr Cooper: would be nice to have a way to count the peaks in the current waveform as well

Other updates

- We should look into what might be the best place to publish our work

- machine learning itself not novel, but application is interesting

- We will complete our midyear report in a few weeks, will have information on models so far

- Site visit: we were hoping to visit late Feb / early March

- Visiting Auburn would need to be late March or early April

- Dr Reif question: what are we looking to accomplish during our site visit?

- We might be able to get biting midge data, same basic waveforms, but some differences

- would be a good test for the versatility of our models

- Dr. Reif question: how do we adapt the model for very different waveforms?

- Milo:

- retraining from scratch might be possible

- some of our models have been designed with mosquitos in mind, mosquito recordings are relatively short, might be hard to adapt

- lot of uncertainty about generalizing, we haven't spent much time looking at other waveforms

- Dr. Backus will be sad if we don't do any aphids :(

- Next meeting will be Dec. 5