Most of the goals and modeling decisions are the same as last week. Modeling general multilayer neural networks (that is, with easily editable network structure) is turning out to be a larger challenge than I anticipated, but is crucial for making interesting comparisons of learning strategies. I am considering restricting my goal to modeling dropout learning instead of both dropout and ensemble learning – I believe this change might make the final model implementation cleaner and better studied.

David – I would like to meet with you once my code has stabilized to discuss best next steps/advice on interfacing with data and some optimizing (linear algebra) extensions. I’m sure there’s a way to load data into the model the way I want to, but I’m having trouble finding the right function or extension.