Weekly Project SCRUM Report

Date: April 2, 2021

Project Name: Drift Diffusion Models of children's interactions in a Repeated Prisoner's

Dilemma Game

Team Members: Team 1

Brendan Leap Andrew Coughlan Maha Alrashed Jessica Chen Abhishek Samal

Tasks Completed This Week:

- Implemented LSTM neural network
- Identified framework for bayesian statistical model (PyMC3)
- Reached out to Steve for support on the bayesian model

Plans for Next Week:

- Implement Bayesian statistical model
- Mid-term presentation
- Explore other modeling methods

Obstacles and Questions:

- Bug in the LSTM code
- Waiting for help on Bayesian model

Met with the client recently? When is the next meeting with the client?:

Met with Jane and Peter on 04/02.

Next client meeting on 04/16.