

Build and Run Your Markov Model

Capstone Exercise 6

Objectives

- Determine parameter estimates
 - What are the data points you have on hand?
 - Which ones do you need to make assumptions for in order to run the model?
- Determine transition probabilities and fill in the transition matrix
 - What are the probabilities you have on hand?
 - Which ones do you need to make assumptions for in order to run the model?
- Run Markov model in Amua
 - Link to a wiki on running Markov models in Amua – <https://github.com/zward/Amua/wiki/Markov-Models>

Deliverables

- Create slides for final presentation that fills in and documents your Markov model inputs and calculation
- Slide 7 – Markov bubble schematic and “reward” calculations