Build and Run Your Markov Model

Capstone Exercise 6

Objectives

- Determine parameter estimates and complete the parameter table 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 – filled in parameter table, transition matrix Be sure to indicate which estimates are assumptions

- Slide 8 – Markov bubble schematic and "reward" calculations