

Predictive Model Visualizations -- Flow Chart

Goal and Summary: We want to be able to explain the logic of the transition matrix in a less mathematical way, so we want to show one state with the likelihood of going to other possible states. Initially, I had a spider flowchart, with the initial state in the center, webbing out to every other possible state. It looked pretty crowded, so I think this linear approach is better. The main takeaway here is **how our predictive model functions**. I imagine us presenting this slide and showing this first, and then filling in a few other potential states between to give the audience a feel for just how big the state space is. As a standalone, however, I do not want to overwhelm the viewer. I included the numerical probability of proceeding to the next state, but also used graphic size to give the viewer a quick and easy way to determine what is most likely going forward.

Concern: We don't want to show more than one step because it could get huge, but we want to make sure we convey the point. At this point though, I'm worried it doesn't show enough and people don't understand how many possibilities exist. The dotted lines going off the visual are meant to imply even more states that exist elsewhere, but I don't know if they're confusing.

