Eleanor Anderson

EECS 472

Project Update 5/27/13

I spent a good deal of time *thinking* about the Kellogg model. I went carefully through the paper and wrote out all of the details that Kellogg includes about how the changes were and weren’t implemented in the two hospitals she compares. I wasn’t sure which of those details were important to include in the model though.

As a break/change of pace I thought I’d try a model at a different level of organization. So I started working on a model based on:

Edelman, L. B., Uggen, C., & Erlanger, H. S. (1999). The Endogeneity of Legal Regulation: Grievance Procedures as Rational Myth. *American Journal of Sociology*, *105*(2), 406–54. doi:10.1086/210316

**Agent Behavior:**

Setup:

Create a bunch of companies, a court and a professional association

Link all companies to court and to the association (I’ll want to adjust/vary how strong some of these links are, but I didn’t get that far)

**System Behavior:**

Not yet . . .

**Rationale:**

The idea here is that legal mandates aren’t fully exogenous from the choices companies make about how to comply/protect themselves from lawsuits. After a while the courts start to take what companies actually do into consideration, and that, in effect *becomes* the law. The choices are initially driven by personnel professionals who advise their companies on how to comply (even though at first this advice isn’t actually well founded in legal precedent).

**Model Output:**

No output yet.

**Question:**

I realize I’m not sure how to code this without pre-determining the system dynamics. How do I work from the paper, but still let the dynamics emerge?

**Next Steps:**

 Build behavior in!