



## **Using Case-based Decision Theory to Predict Buyer and Seller Behavior in a French Fish Market**

**Class project presentation  
by ECON 696H students**

**Wednesday December 3rd,  
2014**

**8:30-9:30am**

**Biotechnology Building BI 2221 (ITC Conference Room)**



We present an agent-based model developed in the Fall 2014 class of ECON 696H: Agent-based Policy Modeling at Binghamton University. In this model, we closely follow the analysis of Kirman and Vriend (2000) who designed an agent-based model of a French fish market and attempt to match the stylized facts of the market. They used agents that were reinforcement learners. Here, we replace their agent's learning process with case-based decision theory, as extended in the Case-based Software Agent model (Pape and Kurtz, 2013). Results forthcoming.

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