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EECS 372

May 20, 2013

Final Project Progress Report

Changes

Agent behavior: The agents react to market price changes compared to previous tick's price. If market price goes, confidence of agents will be increased and more will have the tendency to buy. If market price goes down, confidence of the agents will be decreased and more will have the tendency to sell.

System behavior: The overall system will work based on the confidence level of each agent. The confidence level changes according to what changes in the market price.

Rationale for agent rules: The agent behavior is only pegged to market price changes.

Model output: There have been no significant changes.

Questions: There have been no significant changes

Next steps: The market moves and changes in this system, but it goes one way. For example, if there are more bulls then bears, the market will continue rising. I have to find a way to model agent rules which adds more randomness to the markets, like profit taking or speculative bets. I'll ask the TAs in class for more help regarding this.