Incentive Experiment Regressions and Tasks

Activity regression

Dependent: Daily activity by question

Independent: Set(A,B,N)

In experiment

Active

Days to resolution

Days since created\*

Days since first active

User Id

User quality (based on overall score)\*

User activity (total trades)\*

Question popularity (on 2014-11-07)\*

Classification\*

Category\*

Tasks: Delete invalid questions from database data

Expand database data to include 0s for days without trades

Ensure no activity data before creation or after pending\_until (resolution)

Format and tag with known independent variables

Get leaderboard data from Steve (on 2014-11-07 ? )

Implement (\*) dependent variables

Format and tag with all independent variables

Are residuals auto-correlated?

Repeated measures regression by question

Accuracy t-test & box plot

Change in Brier score by trade for experiment questions

Average for all questions (?) and or by question (?)

Ration of trades Set(A, B, N) & inExp

Accuracy regressions

Dependent: Brier score by trade

Change in Brier score by trade

Independent: Set(A,B,N)

In experiment

Active

Days to resolution

Days since created\*

Days since first active

User Id

User quality (based on overall score)\*

User activity (total trades)\*

Question popularity (on 2014-11-07)\*

Classification\*

Category\*

Tasks: Figure out why monthly and trade Brier scores are inconsistent

Generate best data set

Get leaderboard data from Steve (on 2014-11-07 ? )

Implement (\*) dependent variables

Format and tag with all independent variables

Are residuals auto-correlated?

Repeated measures regression by question