

SC2 Winner Prediction

Preliminary Results

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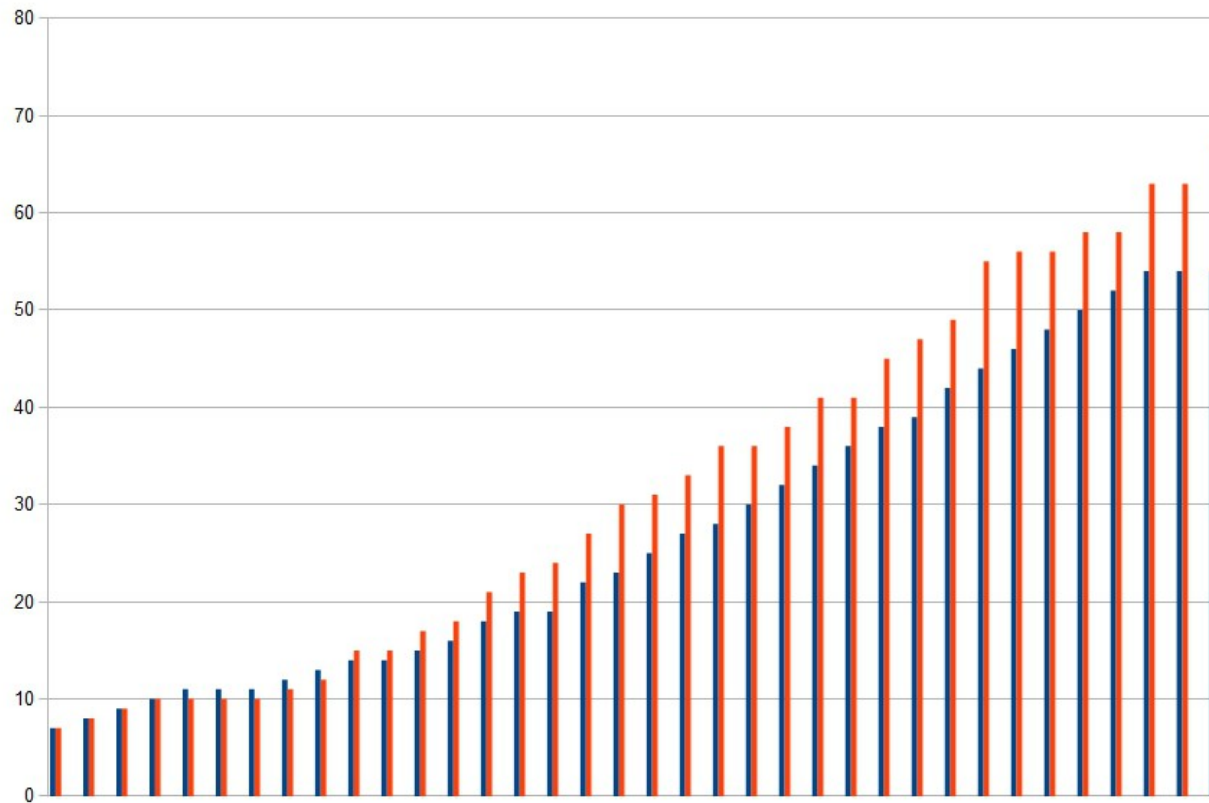
10/29/2012

Terran vs Terran Focus

- Units:
 - Banshee(1), Battlecruiser(2), Ghost(3), Hellion(4), Marauder(5), Marine(6), Medivac(7), Raven(8), Reaper(9), SCV(10), Siege Tank(11), Thor(12), Viking(13)

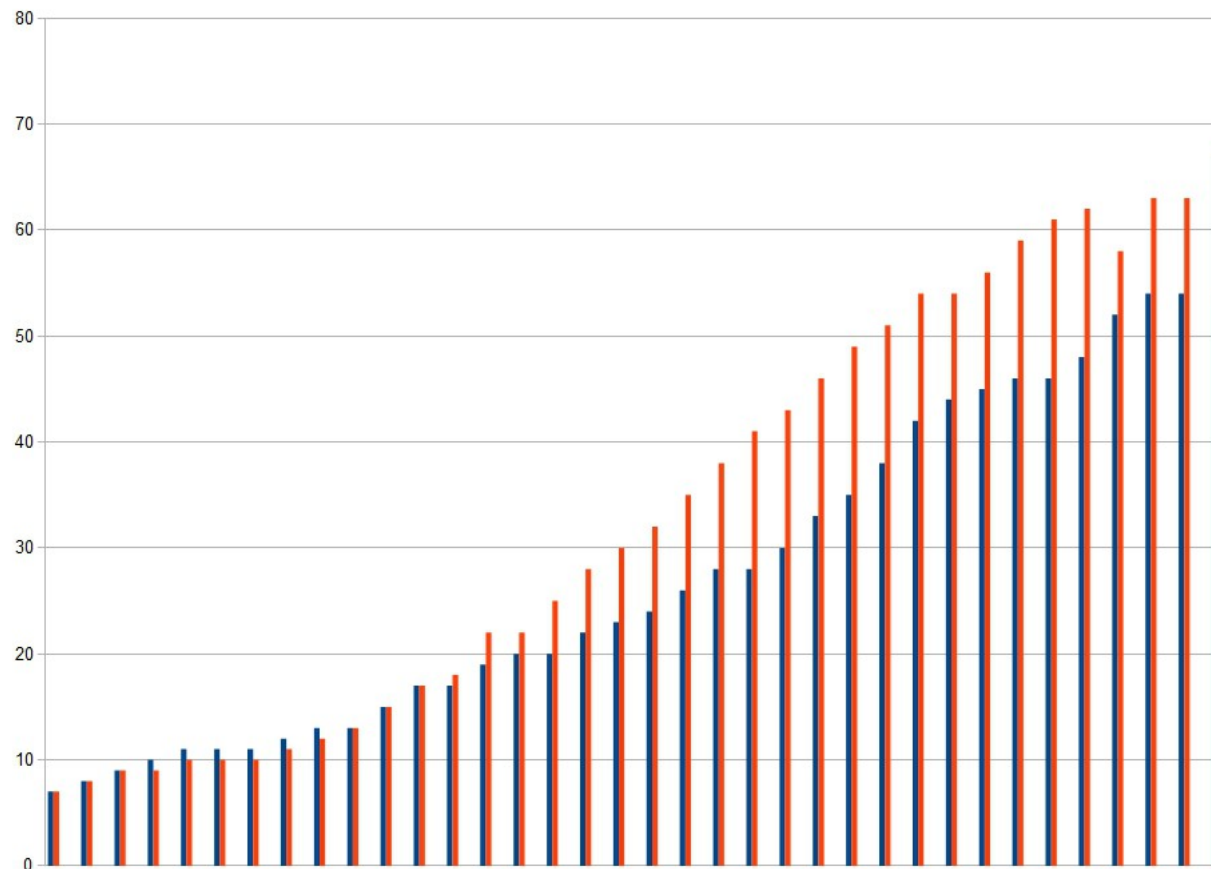
SCV Comparison

- Game 1 (Winner Red):



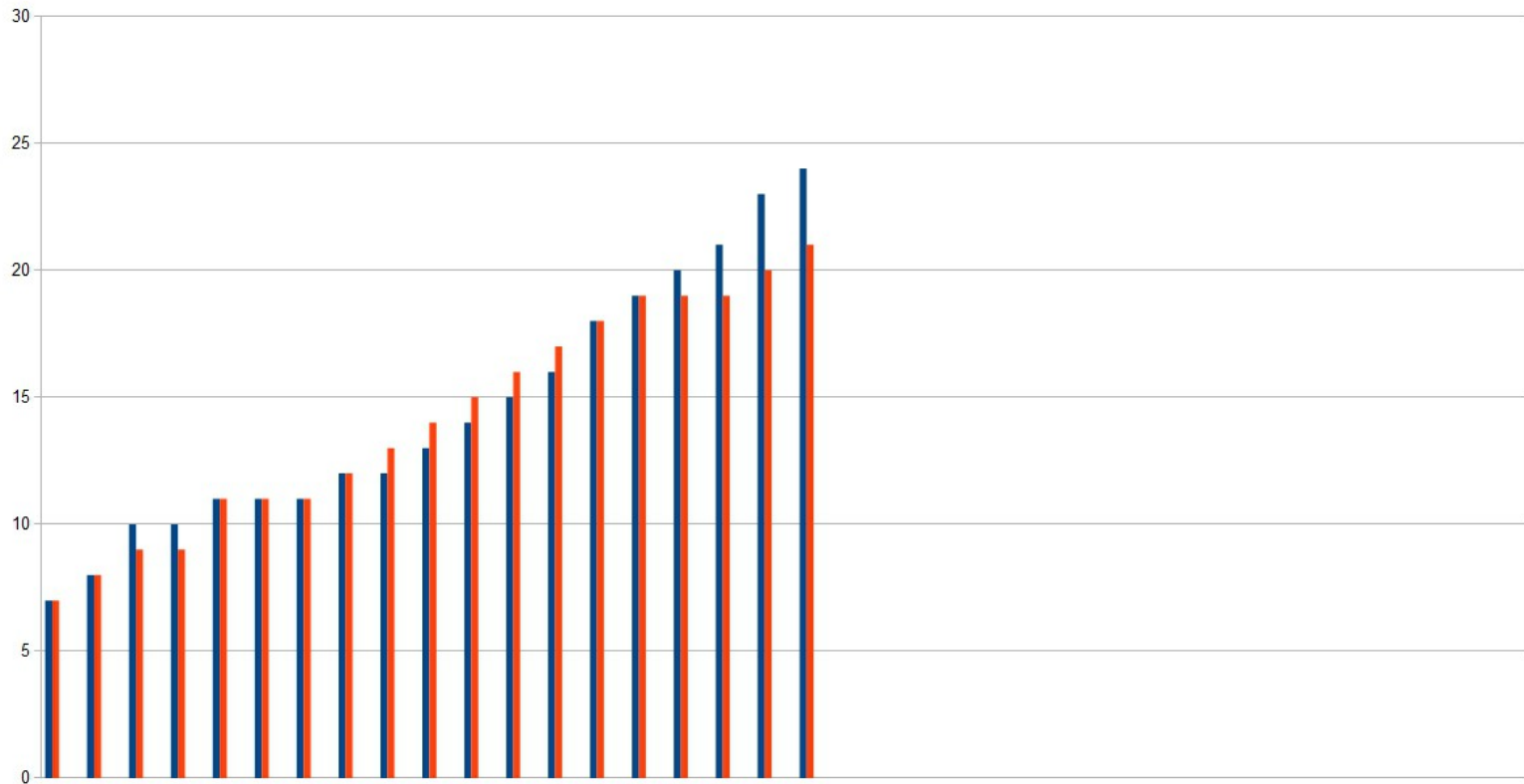
SCV Comparison

- Game 2 (Winner Red):



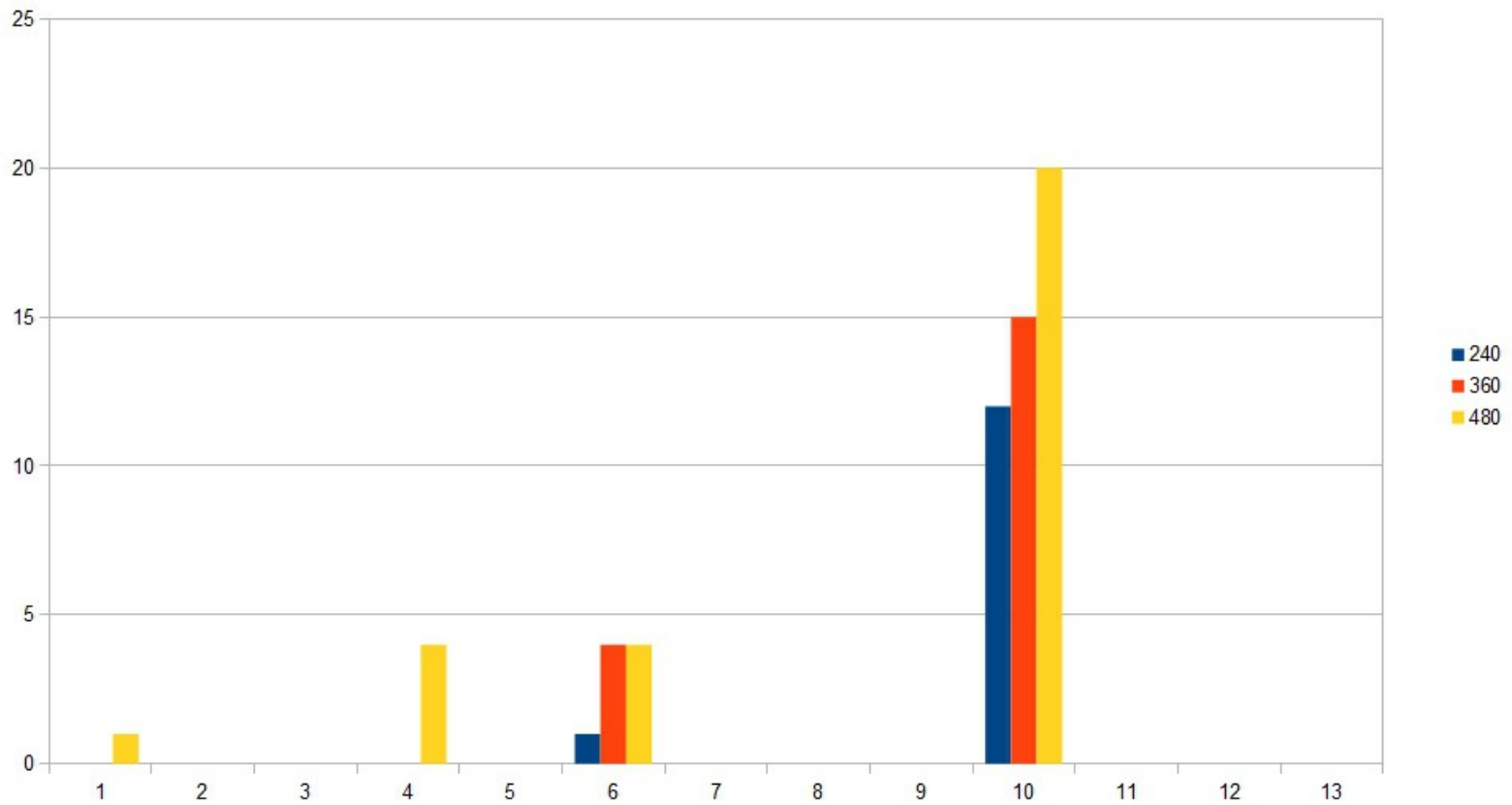
SCV Comparison

- Game 3 (Winner Red):



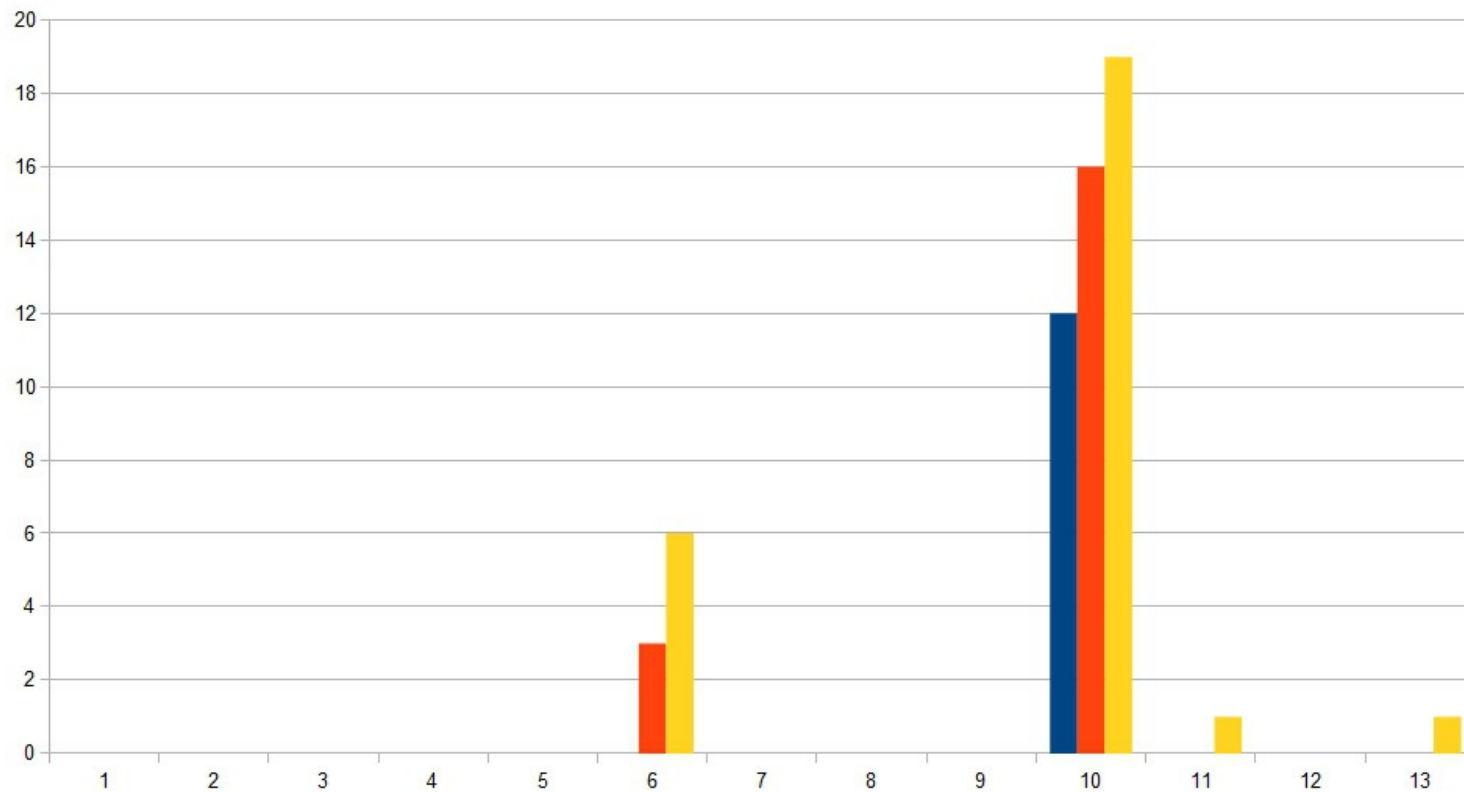
What happened?

- Player1 → Banshee, Hellions



What happened

- Player 2 → Viking, Tank, Marine

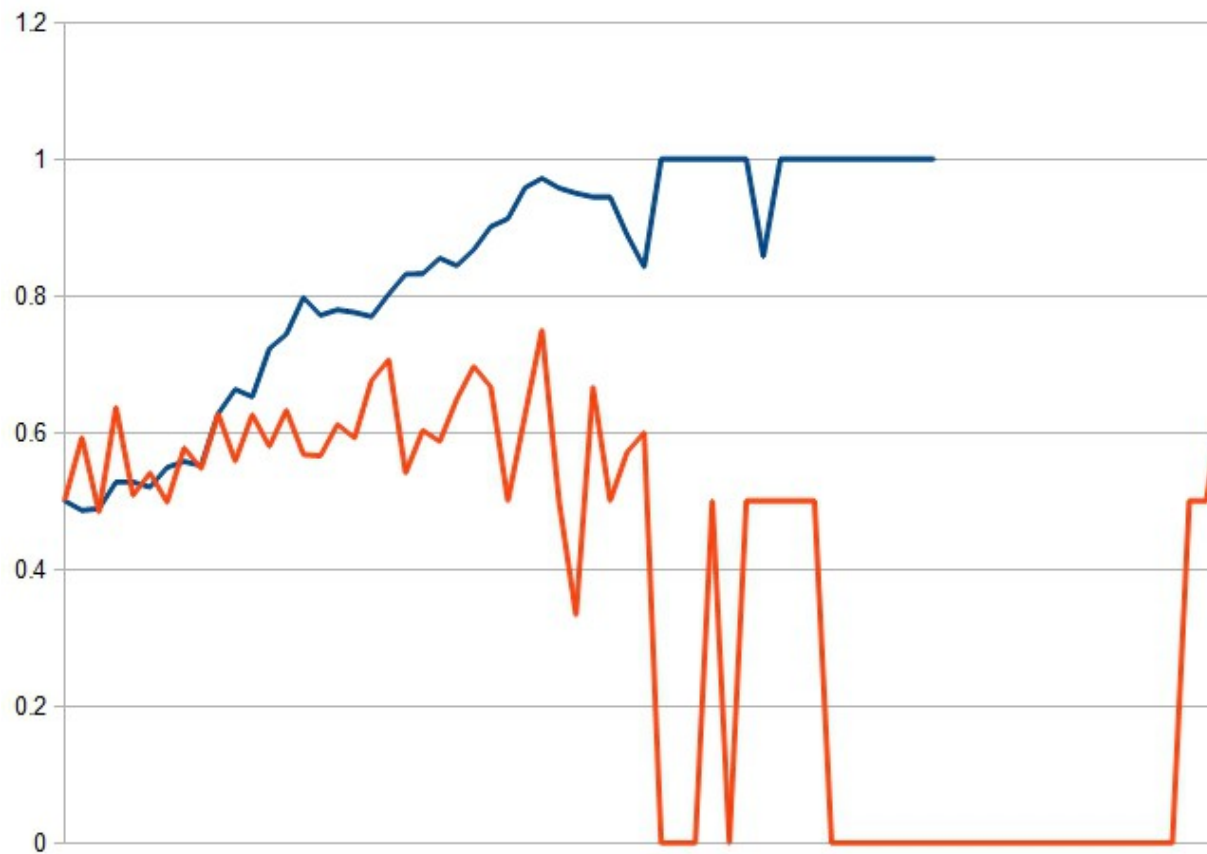


Problem

- Graphs are not accurate
- After viewing replay, unit count is incorrect
- Need to improve replay parser...

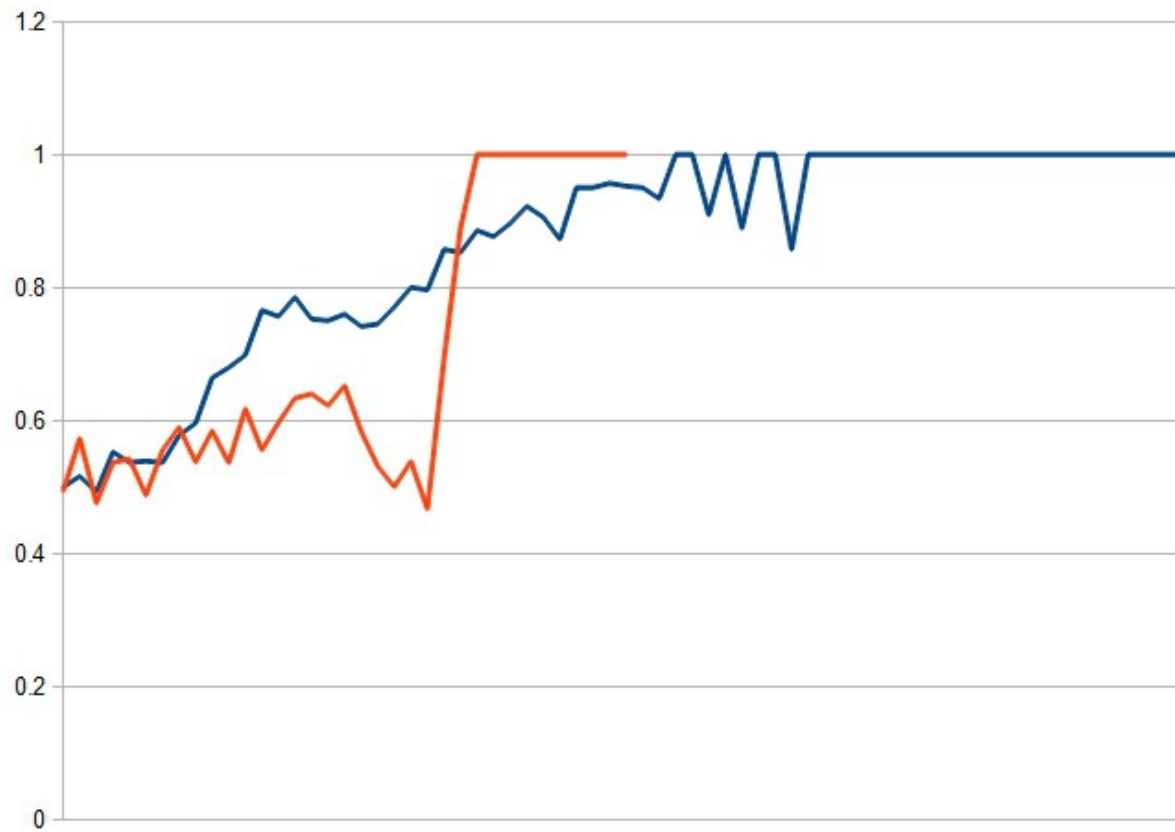
Overall Results

- Good on training, bad on test



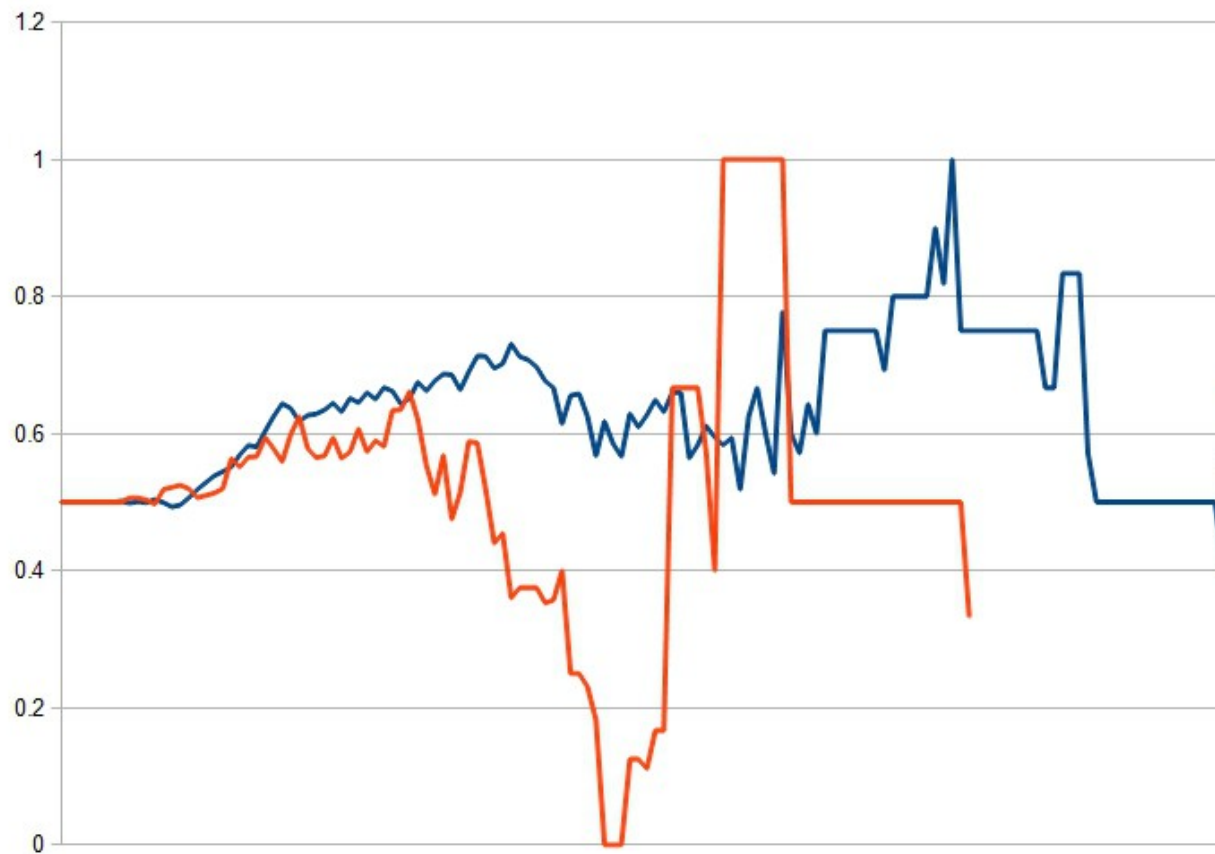
Overall Results

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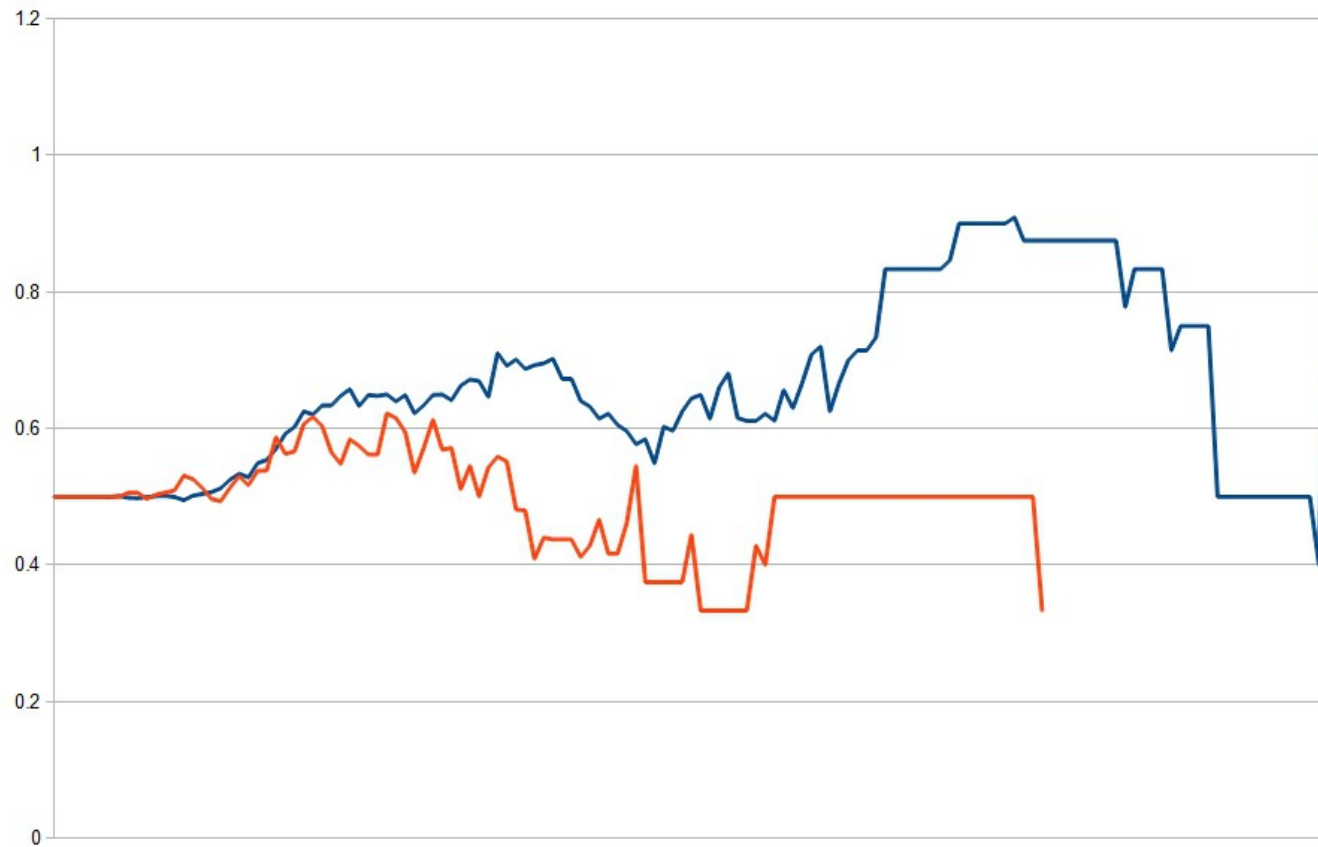
Overall Results

- Using more data



Overall Results

- Using more data



TO DO

- Fix Replay Parser
- Double check values
- Try different representations
- Add in change over time as a feature
- <<<< MORE STUFF HERE >>>>