

CrowdFF Figures and Screenshots

Section 1: Charts of Results:

Enclosed below are the final graphs that we constructed with the Google Charts API. The graphs contain data that represents the interesting questions about the behaviors and successes of different demographics of players, and they compare those players to the Yahoo! projections' accuracies. The tables are too large to fit here without being illegible, so for convenience they are stored in the same Github repository as this document.

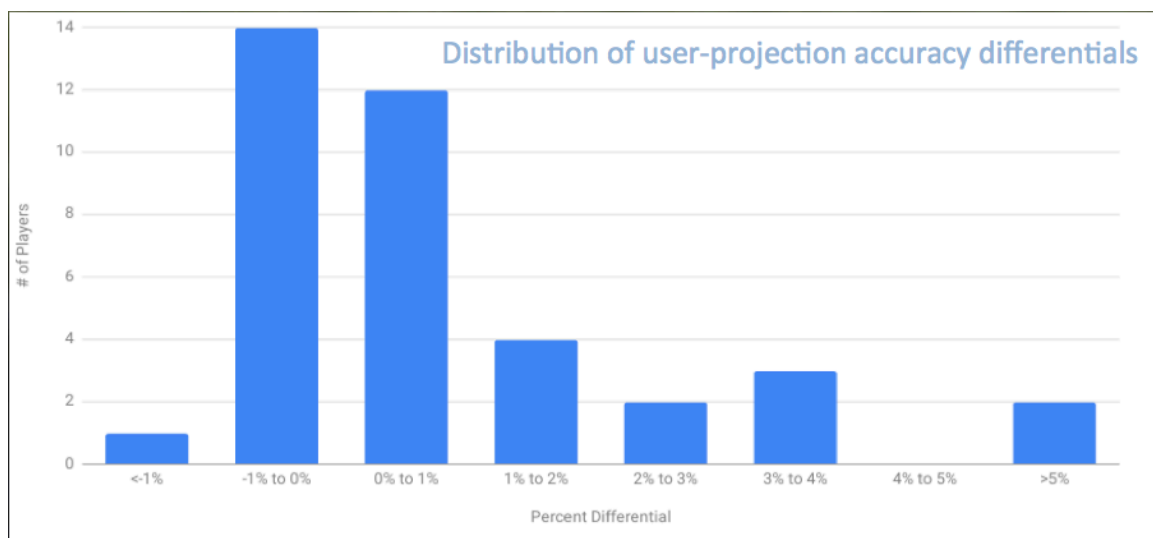


Figure 1: Distribution of User's and Yahoo's Projection Differentials

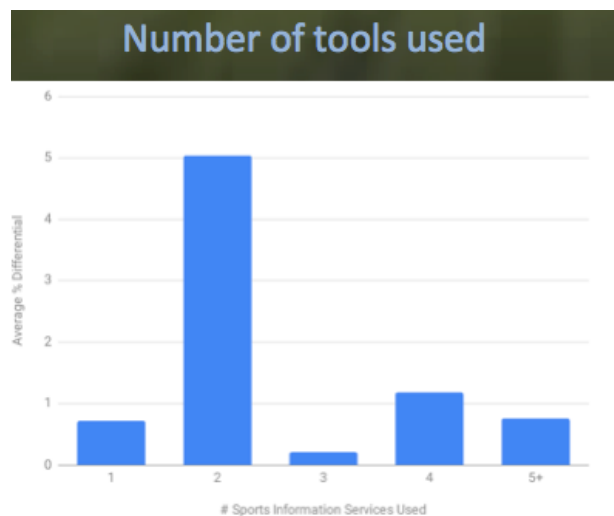


Figure 2: User-Yahoo Differentials Based on # Information Tools Used



Figure 3: User-Yahoo Differentials Based on Hours/week Spent Managing FF Lineup

Section 2: Screenshots Illustrating User Experience:

In this section are a few screenshots illustrating what one of our users went through when participating in our study.

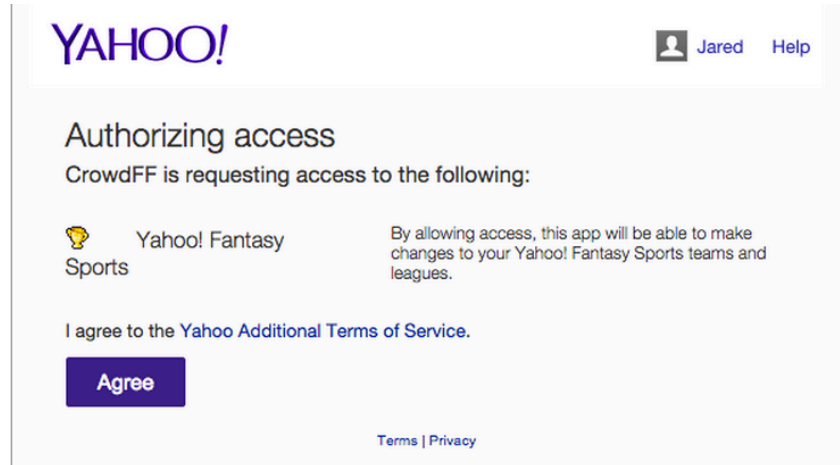


Figure 4: Yahoo API page prompting the user to agree to share their FF information with us

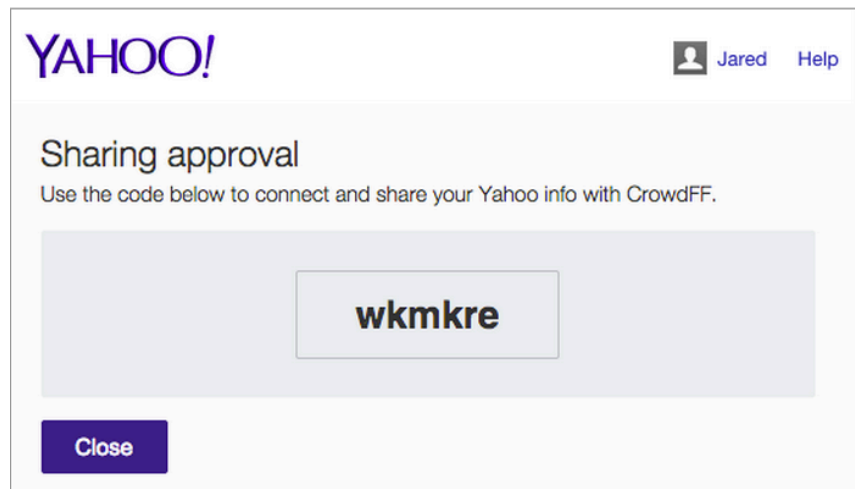


Figure 5: Yahoo API page presenting the user with their unique access key

CrowdFF Questionnaire

* Required

What is the email address that you used to give us data? *

Which NFL team do you root for? *

Please answer in the form: "Location Team" (e.g. Philadelphia Eagles)

Which state are you from (answer in the form "NY" or "FL", etc.) *

How many years have you been playing fantasy football? *

1 2 3 4 5

☐ ☐ ☐ ☐ ☐

Which of these do you subscribe to / watch / use? *

(Other than Yahoo) Check all that apply.

- ☐ WatchESPN
- ☐ NFL Sunday Ticket
- ☐ SportsCenter
- ☐ FantasyPros.com
- ☐ FantasySP.com
- ☐ NFL.com
- ☐ ESPN.com
- ☐ Other:

How many hours per week do you spend managing your team? *

0 1 2 3 4

☐ ☐ ☐ ☐ ☐

How many NFL games do you watch per week? *

0 1 2 3 4 5 6 7 8

☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐

What is your gender? *

- ☐ Male
- ☐ Female

☐ Other:

What was the last time you played an organized (Varsity, JV, Club) sport? *

- ☐ I am a college Varsity athlete
- ☐ I played in high school on a Varsity team.
- ☐ I play on a college club or JV team
- ☐ I played club or JV sports in High School
- ☐ None

Do you play any other Fantasy Sports? *

- ☐ Basketball
- ☐ Baseball
- ☐ Hockey
- ☐ Soccer (Fútbol)
- ☐ Australian Football
- ☐ Hurling
- ☐ Water Polo
- ☐ Chess
- ☐ None

Submit

Figure 6: Questionnaire that the Users answered when providing us with additional demographic informations

Section 3: Potential HIT for Future Project Expansion:

If we were to expand this project to analyze how well crowd workers would fare at setting lineups for Fantasy Football players, we would have to create a custom HIT for each lineup and let crowd workers decide who to play. We would then aggregate the crowd workers' choices and determine the ideal lineup based on a weighted majority algorithm. We would compare these lineups to the Yahoo! projections and see whether the wisdom of crowds works in this specific situation. The HIT we would create would look something like this:

Build the best starting lineup for my Fantasy Football Team this week!

Please help me by selecting the players for each position whom you think will perform best this week. For information about the players, please click on their name in the roster on the left.

Team Roster	
Quarterbacks	M. Stafford C. Kaepernick
Wide Receivers	D. Thomas A. Jeffrey A. Boldin S. Smith Sr. M. Bryant
Running Backs	M. Lynch L. Bell T. Richardson
Tight Ends	M. Bennett L. Donnell
Kickers	A. Vinatieri
Defense	Miami

Choose one Quarterback to start:

M. Stafford
▼

Choose two Wide Receivers to start:

D. Thomas, M. Bryant
▼

Choose two Running Backs to start:

M. Lynch, L. Bell
▼

M. Lynch
✓

L. Bell
✓

T. Richardson
▼

Choose one Tight End to start:

(Select One)
▼

Choose one Kicker to start:

(Select One)
▼

Choose one Defense to start:

(Select One)
▼

Please make a selection for all positions before submitting!

Submit

Figure 4: Example HIT for gathering Crowd Worker input.