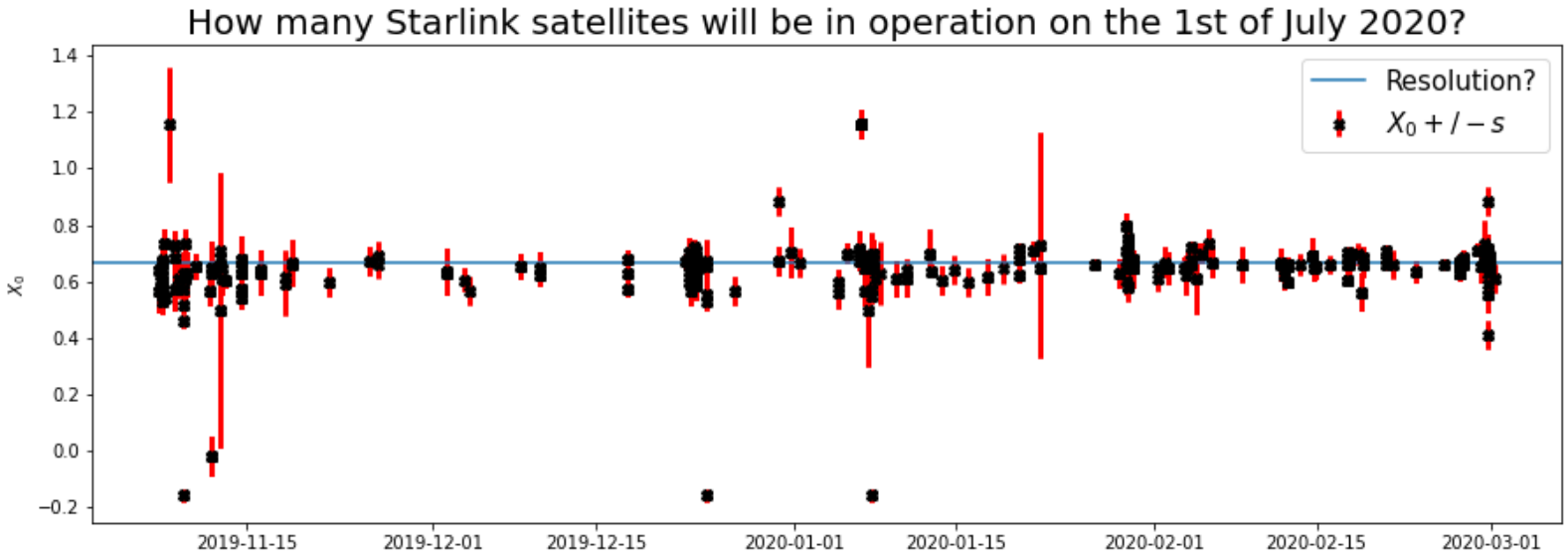
Past Six Months

- Submission of Kairosis Paper I
  - Management Science (Rejection)
  - International Journal of Forecasting (Positive Outcome)
    - Resubmission deadline of November 30th
    - Making substantial progress on manageable revisions
- Obvious Kairosis Paper Follow Ups
  - Value of confidence in distribution forecasts
  - Equity research analyst recommendations on FTSE 100
- Football Data Revisited
  - How can I contribute to literature dominated by deep reinforcement learning?
  - Reduce the dimensions of event transition matrix
  - Evaluate if model performance differs when multiple events are combined

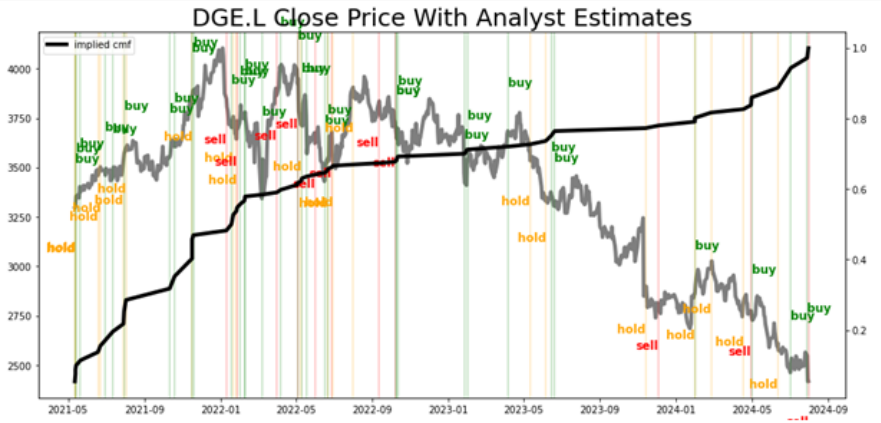
Revisions

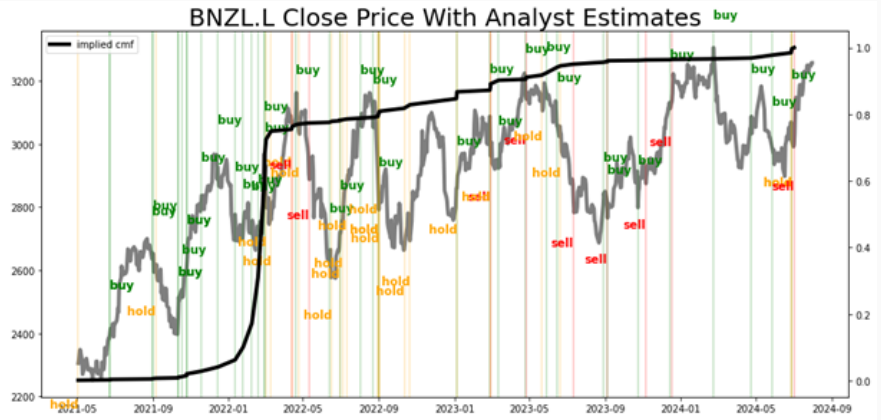
- General Revisions of Abstract and Introduction
- Promise to be extended outside probability forecasts $\in (0, 1)$
- Adaptive binning techniques
- Better explain parameter selection
- Adding standard deviations and increasing number of questions from 82 $\rightarrow$ 660
- Simplified explanation with toy data.

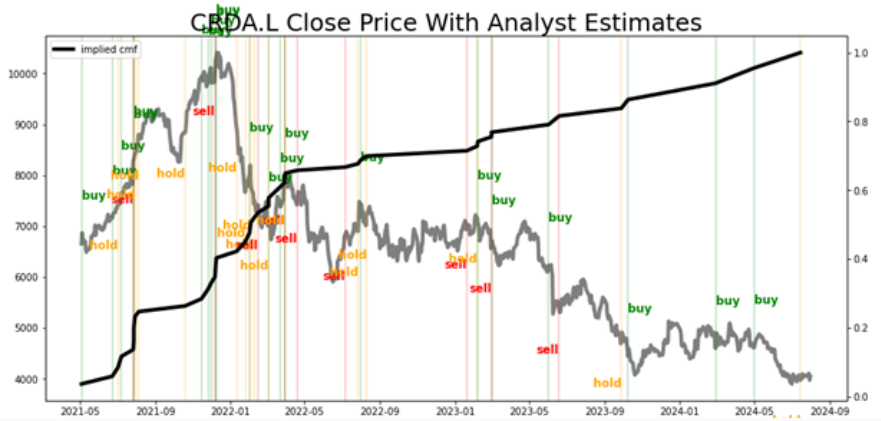
Distributional Forecasts

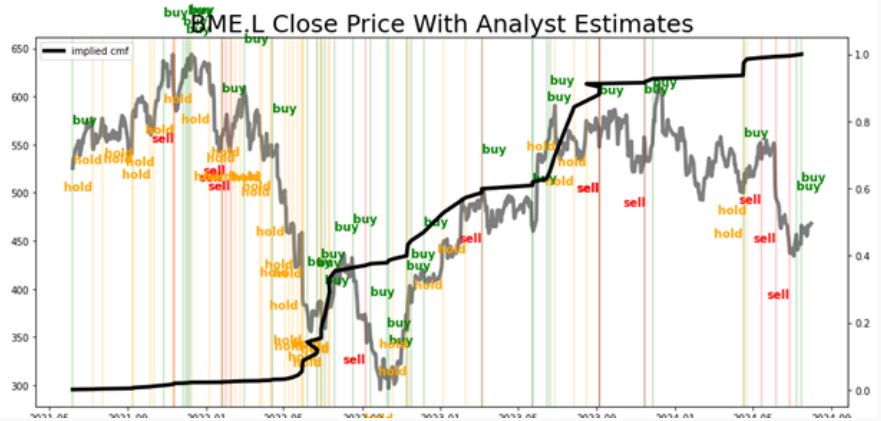


Equity Research

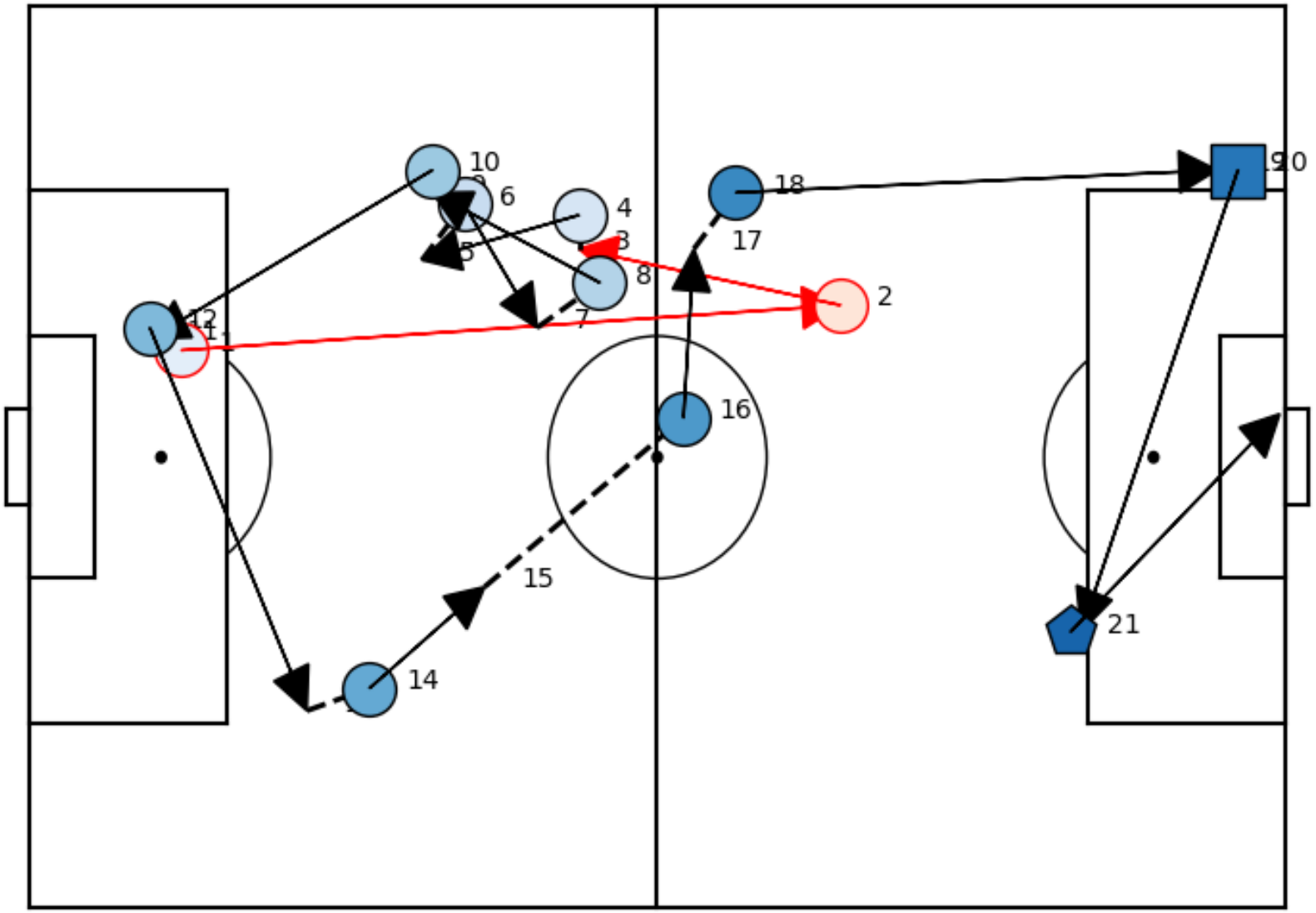




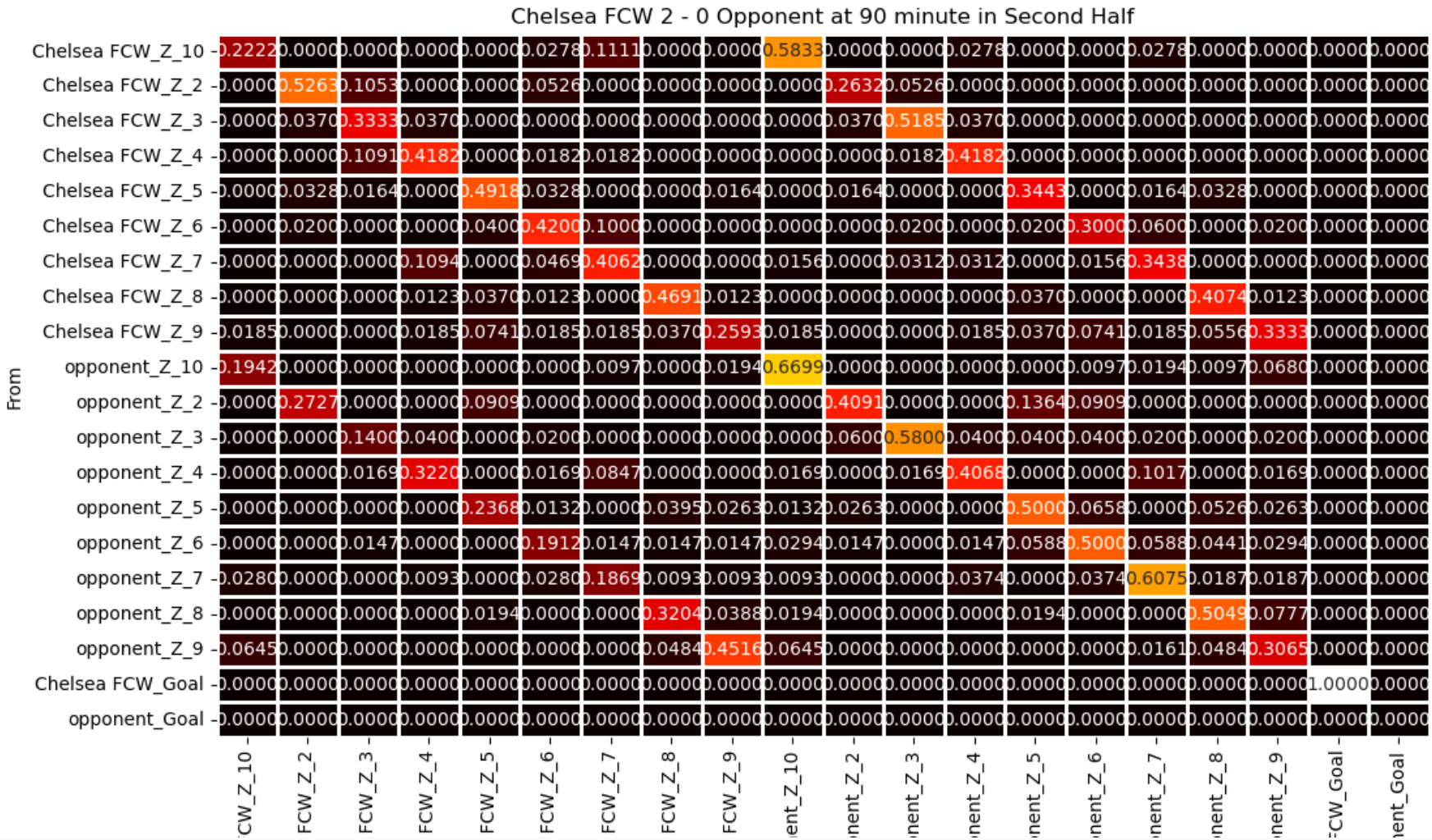




Football Data



Football Data



Next Six Months

- Completion of revisions for IJF
  - Deadline November 30th
- Complete analysis and write up results for both Kairosis methodology continuations
  - Before end 2024
- Complete and write up the results for football data
  - Strategize how to frame this research
  - Seems like a preprocessing of data concern
- GTA for Introductory Probability and Statistics