Lightweight

The *Lightweight*-tier consists of predictions on core fight outcomes, including projected winner, method of victory and key performance metrics. It serves as a foundational tool for bettors who operate in standard markets. With the *lightweight*-tier the following type of probabilities are modelled:

– The probability that *blue* wins

– The probability that *red* wins by a knockout

– The expected number of significant strikes landed by *blue*

– The expected number of seconds in ground control of *blue*

Middleweight

The *Middleweight*-tier provides access to detailed fight predictions about the duration of the fight and round-by-round outcomes. It is intended for advanced bettors active in derivative and prop markets. The following estimates are within its scope:

– The probability that *blue* wins in round 1

– The probability that *red* wins by a knockout in round 3

– The probability that the fight lasts more than 1.5 rounds

– The probability that the fight goes to the distance

Heavyweight

The *Heavyweight*-tier offers the most advanced level of inference, including judge-specific scoring and statistical dependencies between all performance metrics. It is intended for professional bettors that seek the finest granular insights. Examples of such insights are:

– The probability that *blue* has more significant strikes landed than *red*

– The expected number of seconds before *blue* wins by submission

– The probability that *blue* wins by unanimous decision

– The probability that judge *Sal D'Amato* assign a score of $10 - 7$ to a round

– The correlation between the number of attempted takedowns and the number of submission attempts of *blue*