Results

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Contents

- Outliers Detection and Removal;
- 2018 Datasets comparison;
- 2016/17/18 Dataset Analysis;
- Decay Analysis.

Interquartile range

$$IRQ = Q_3 - Q_1 \tag{1}$$

where:

- Q1 represents the 25th percentile of the data;
- Q3 represents the 75th percentile of the data.

$$Outliers = Observations > Q_3 + 1.5 * IRQ \tag{2}$$

or

$$Outliers = Observations < Q_3 - 1.5 * IRQ \tag{3}$$

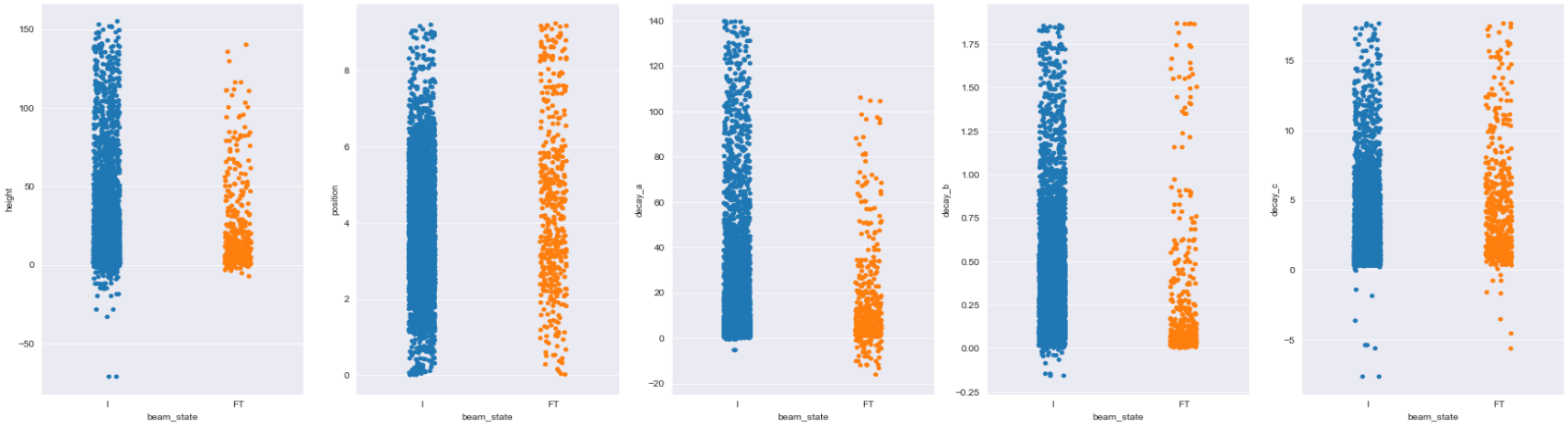


Figure: 2018 Gianmarco

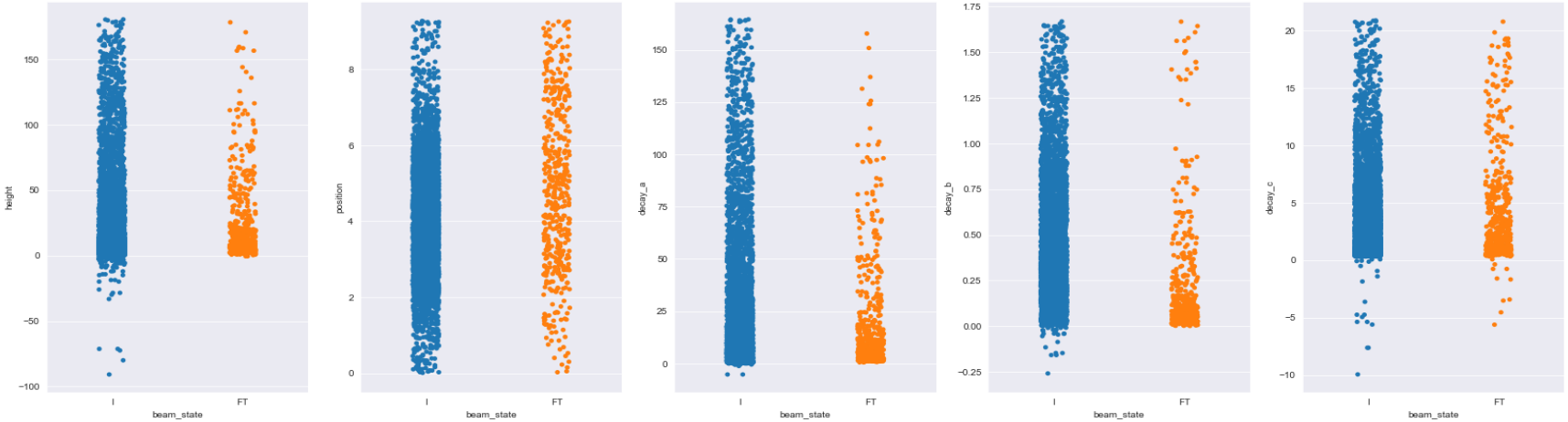


Figure: 2018 Gabriella

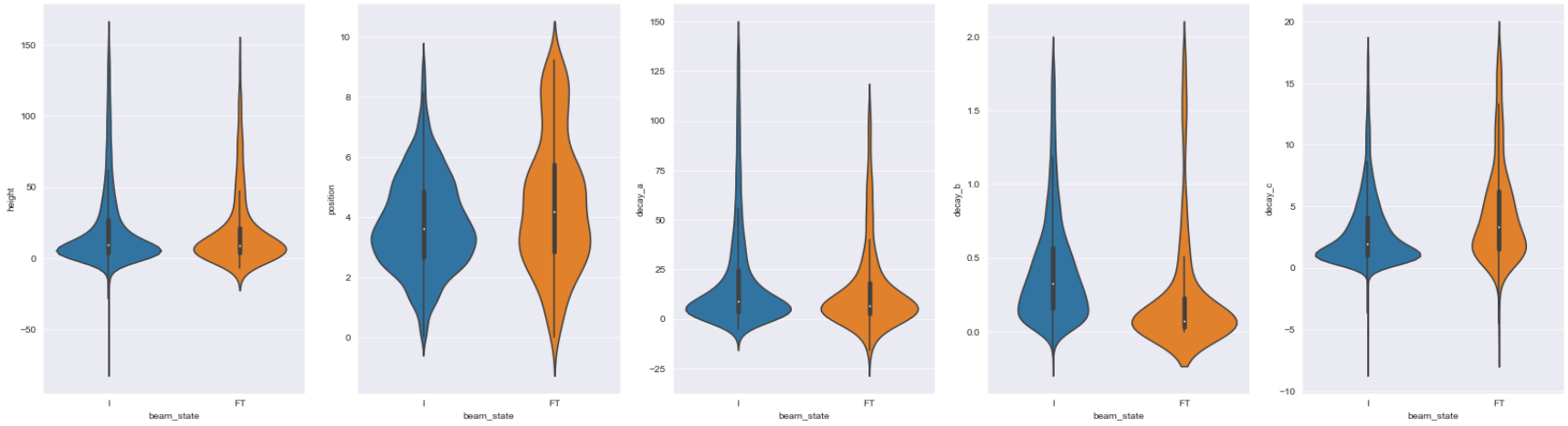


Figure: 2018 Gianmarco

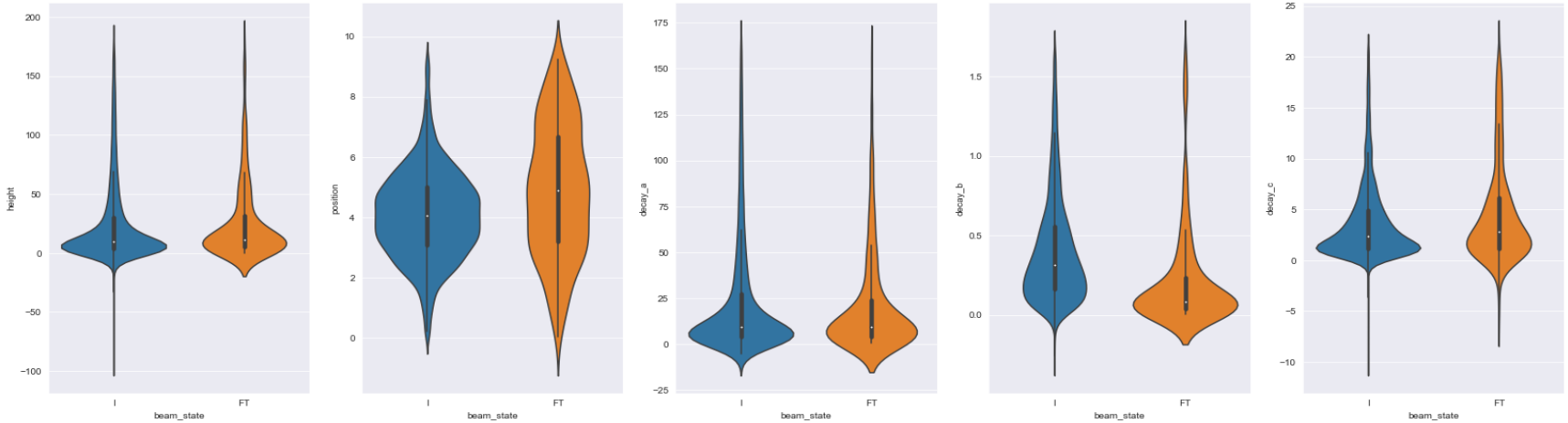


Figure: 2018 Gabriella

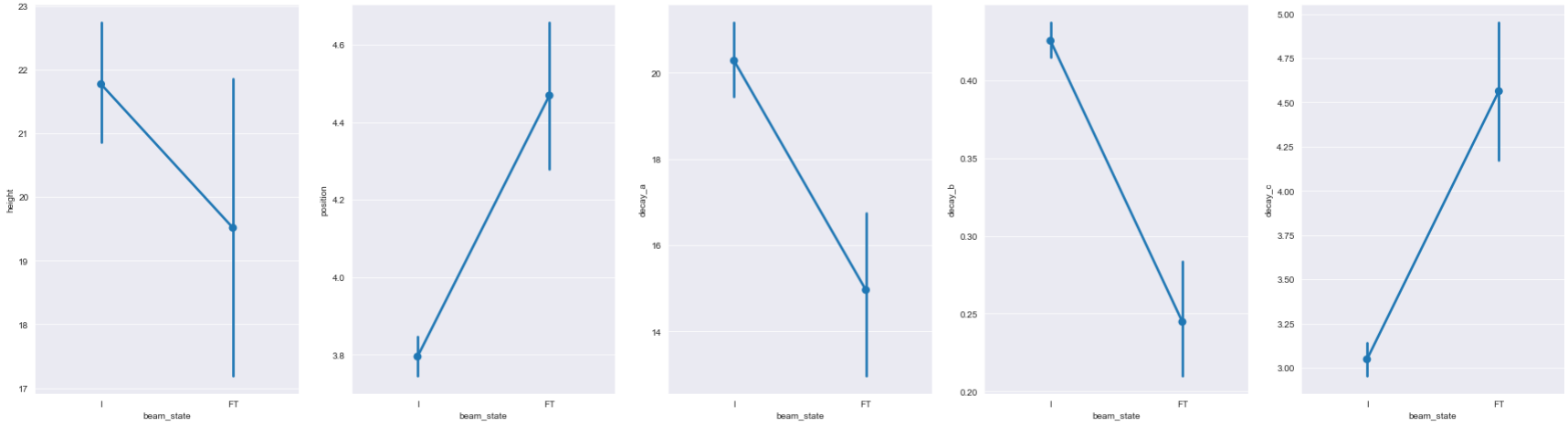


Figure: 2018 Gianmarco

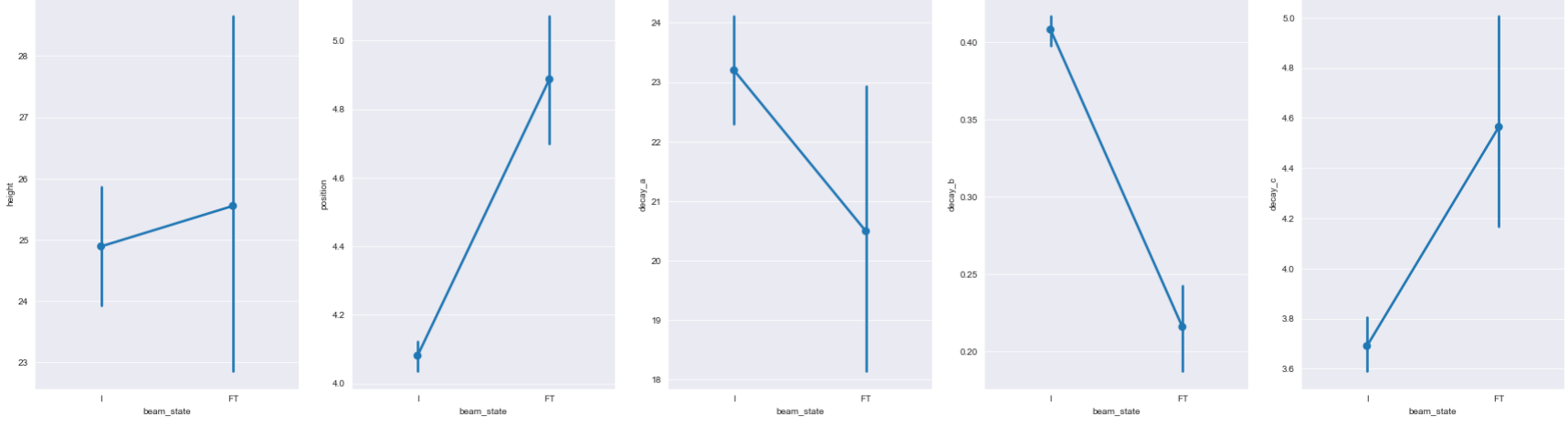


Figure: 2018 Gabriella

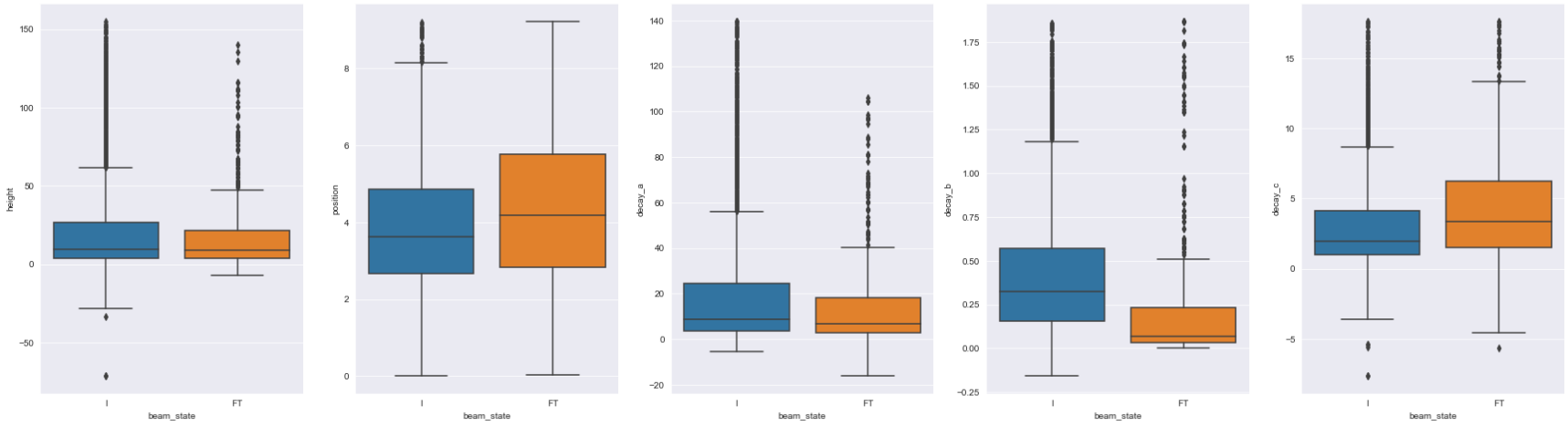


Figure: 2018 Gianmarco

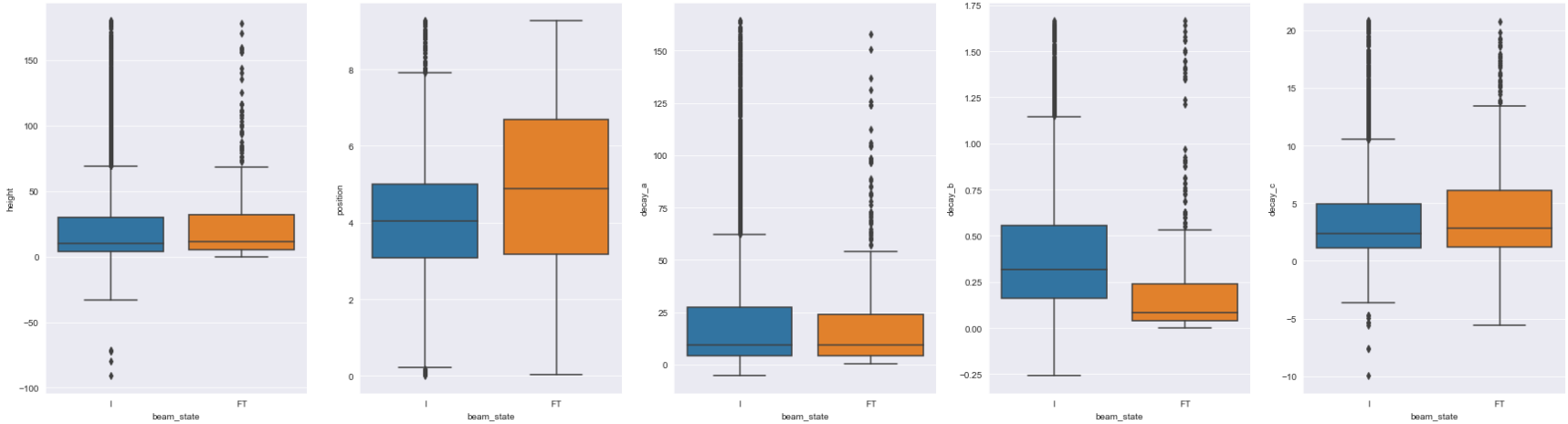


Figure: 2018 Gabriella

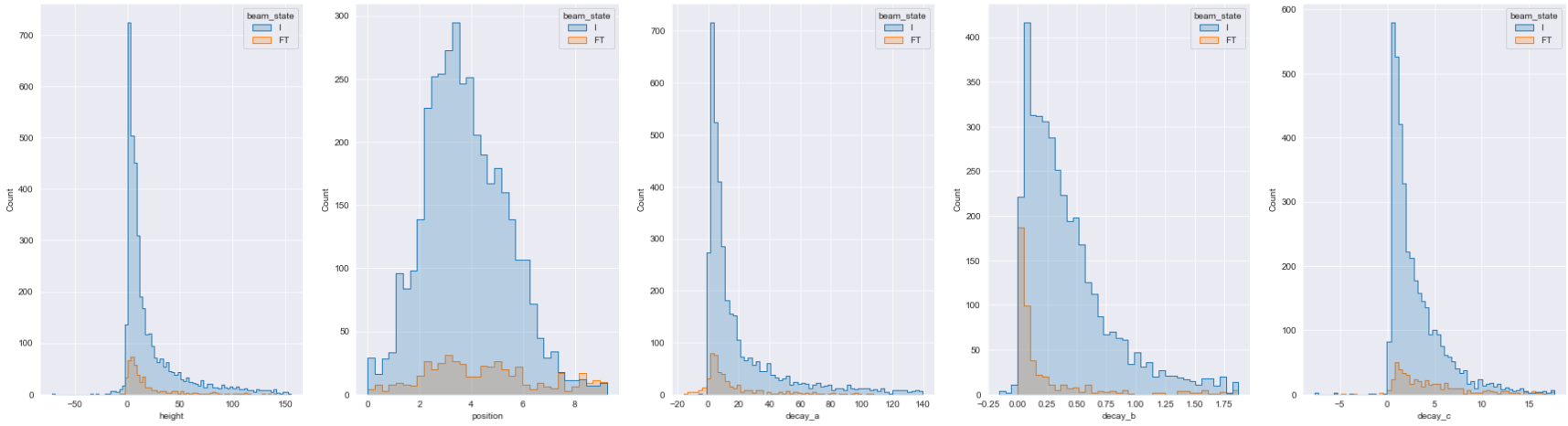


Figure: 2018 Gianmarco

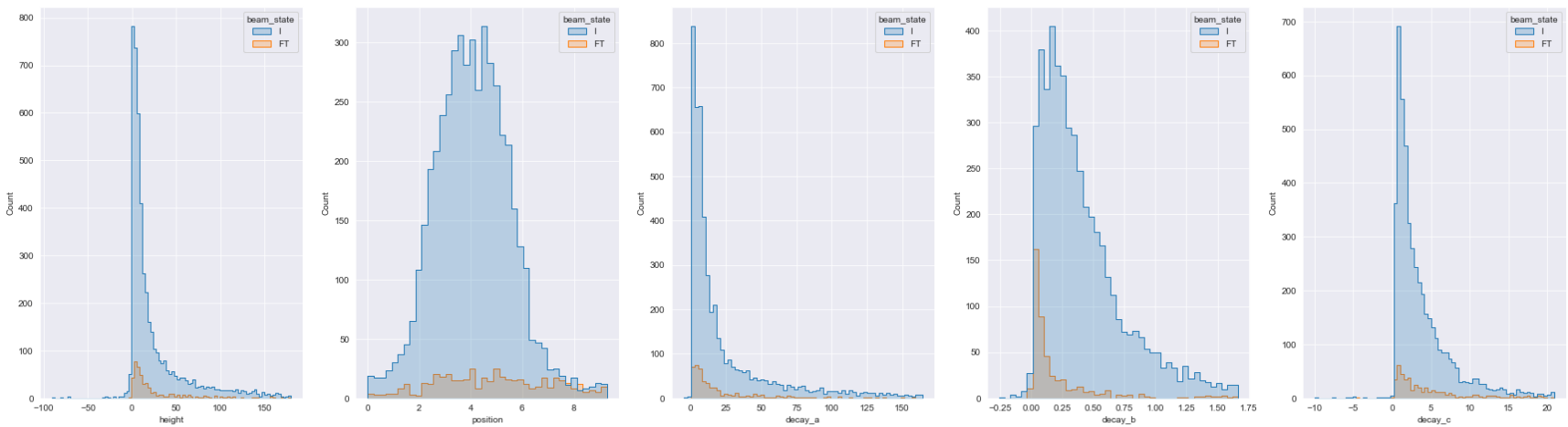


Figure: 2018 Gabriella

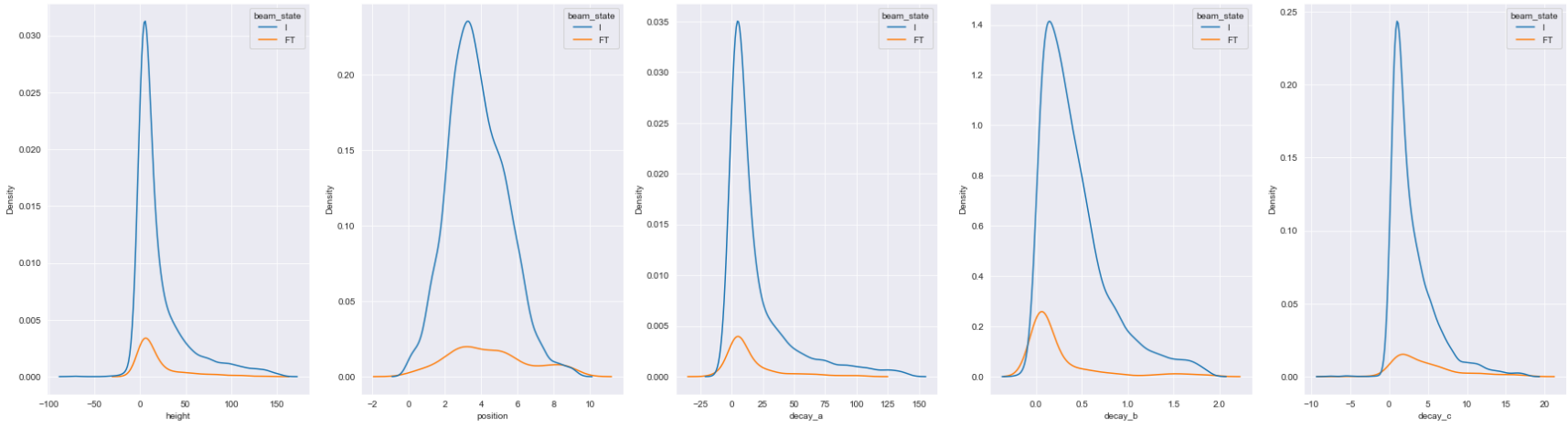


Figure: 2018 Gianmarco

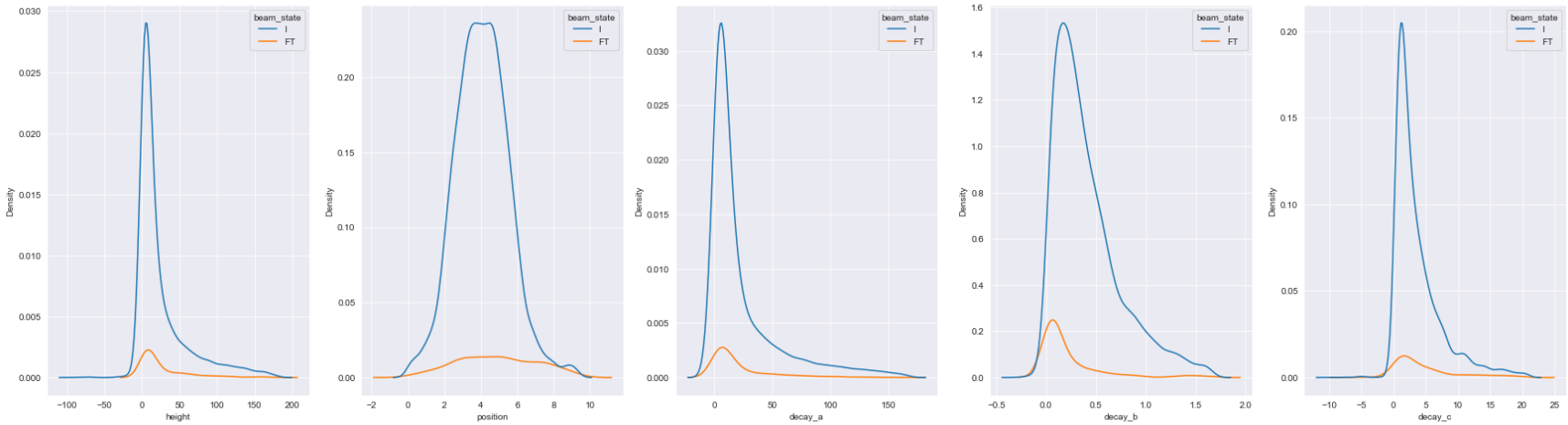


Figure: 2018 Gabriella

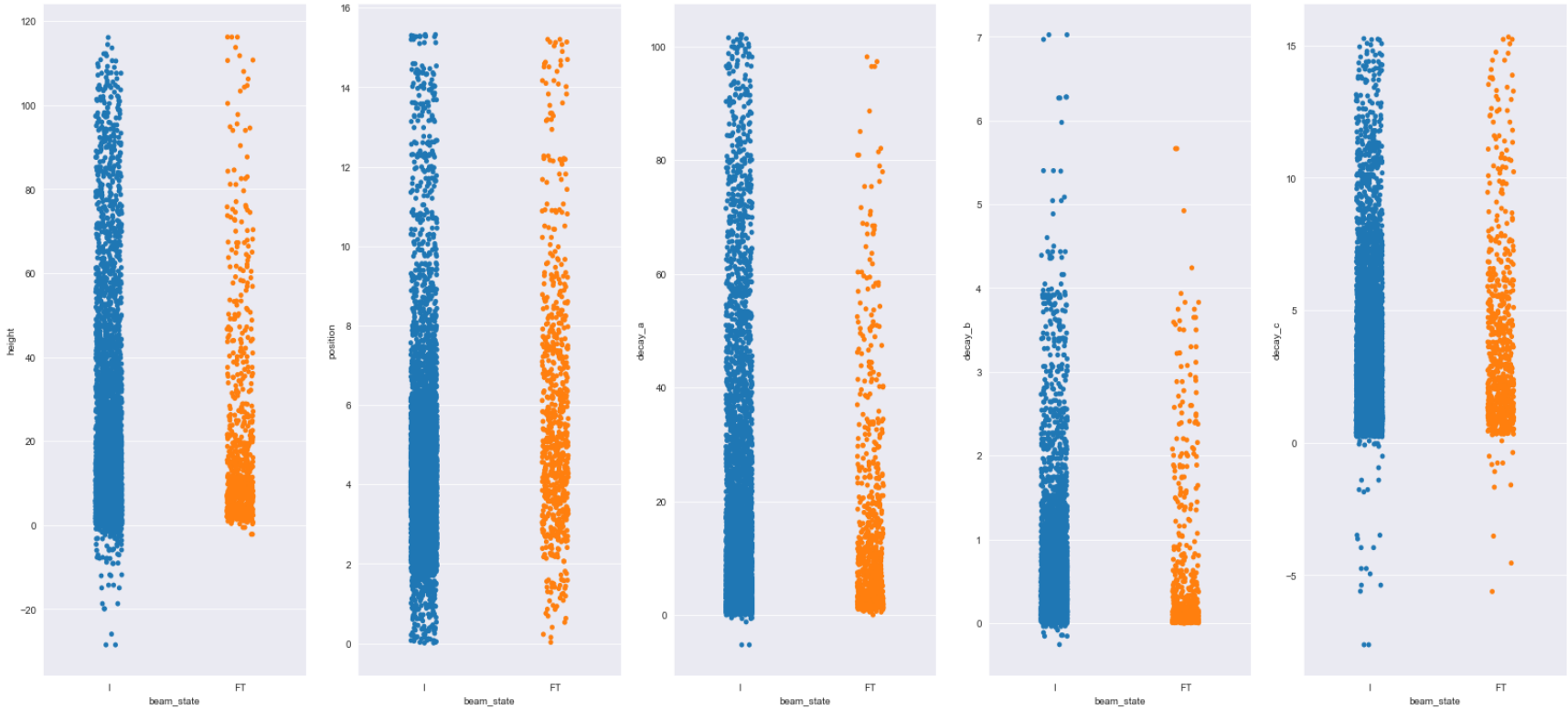


Figure: Stripplot total dataset

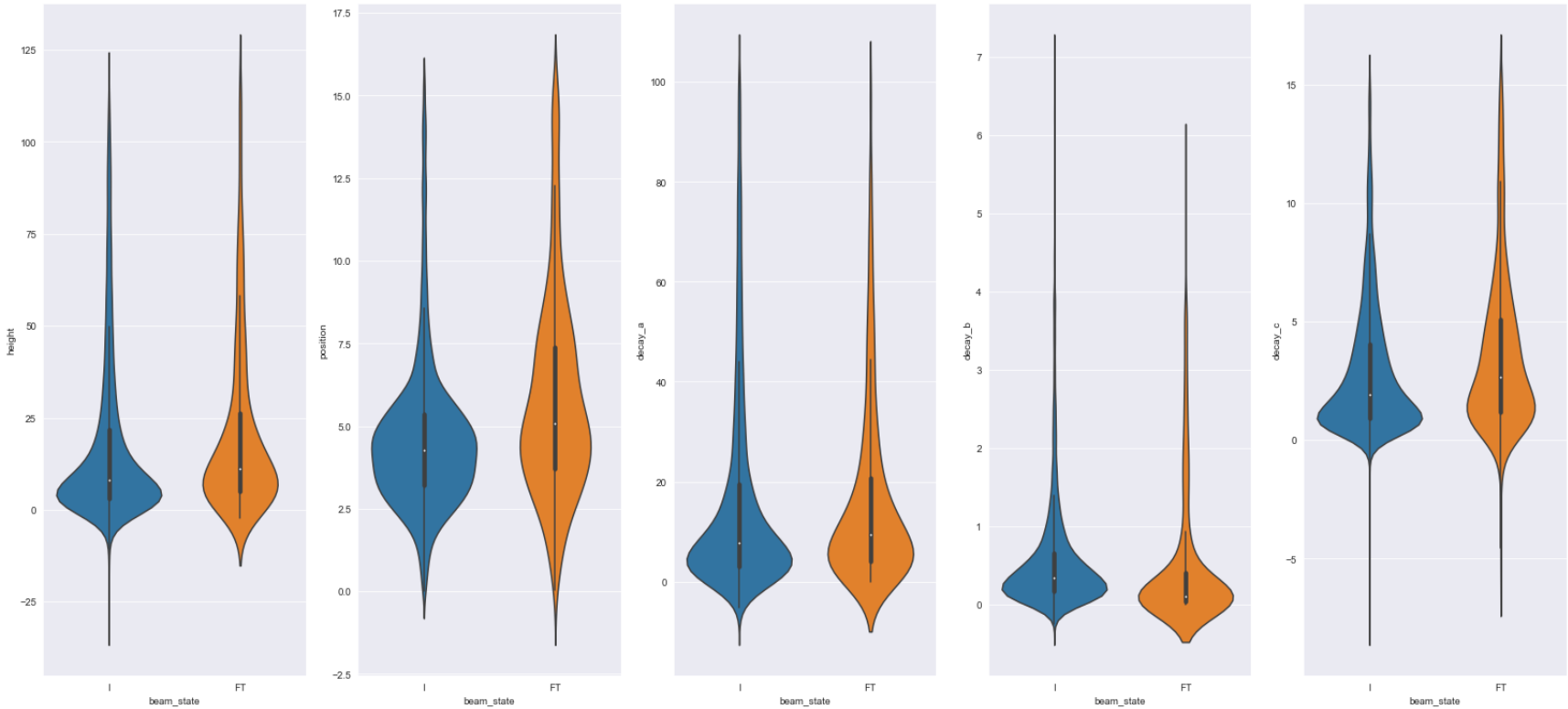


Figure: Violinplot total dataset

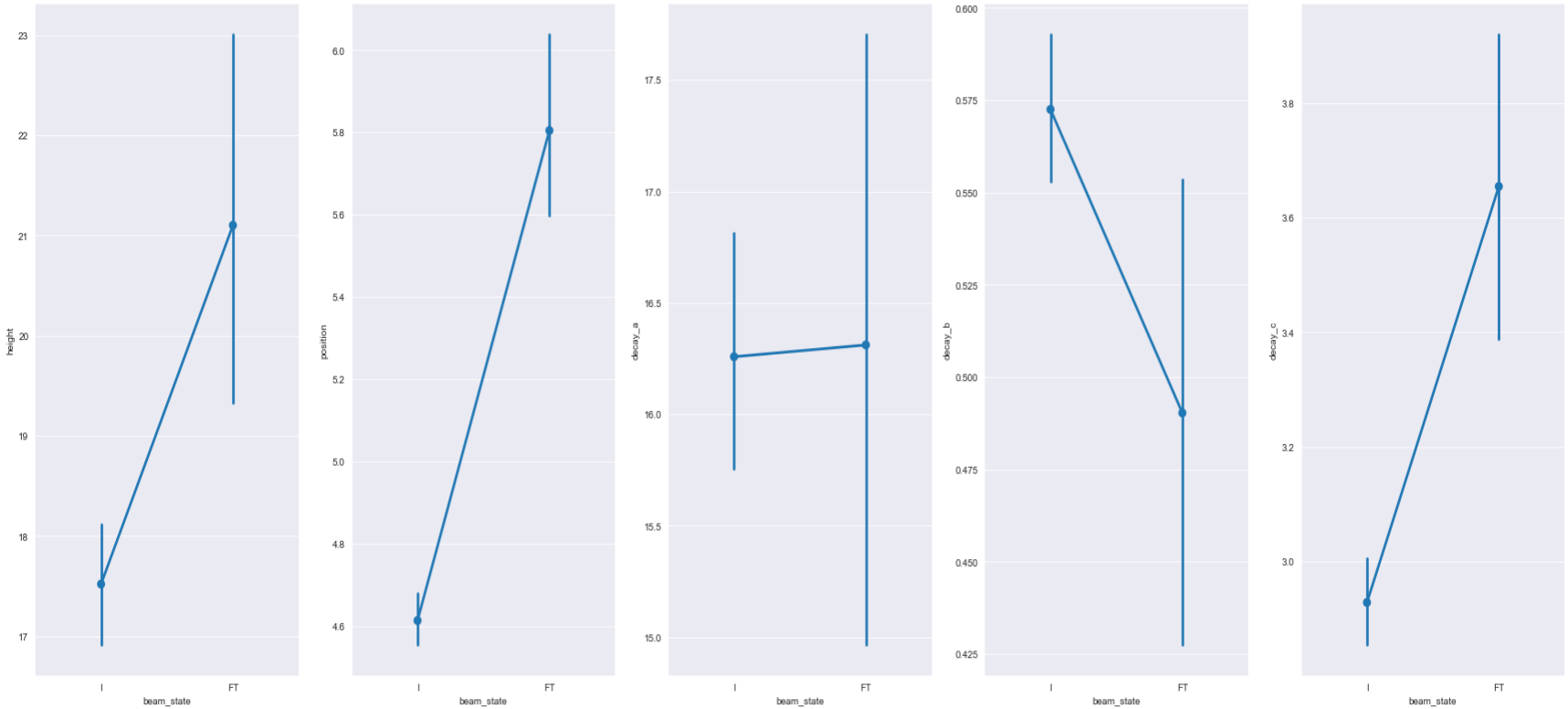


Figure: Pointplot total dataset

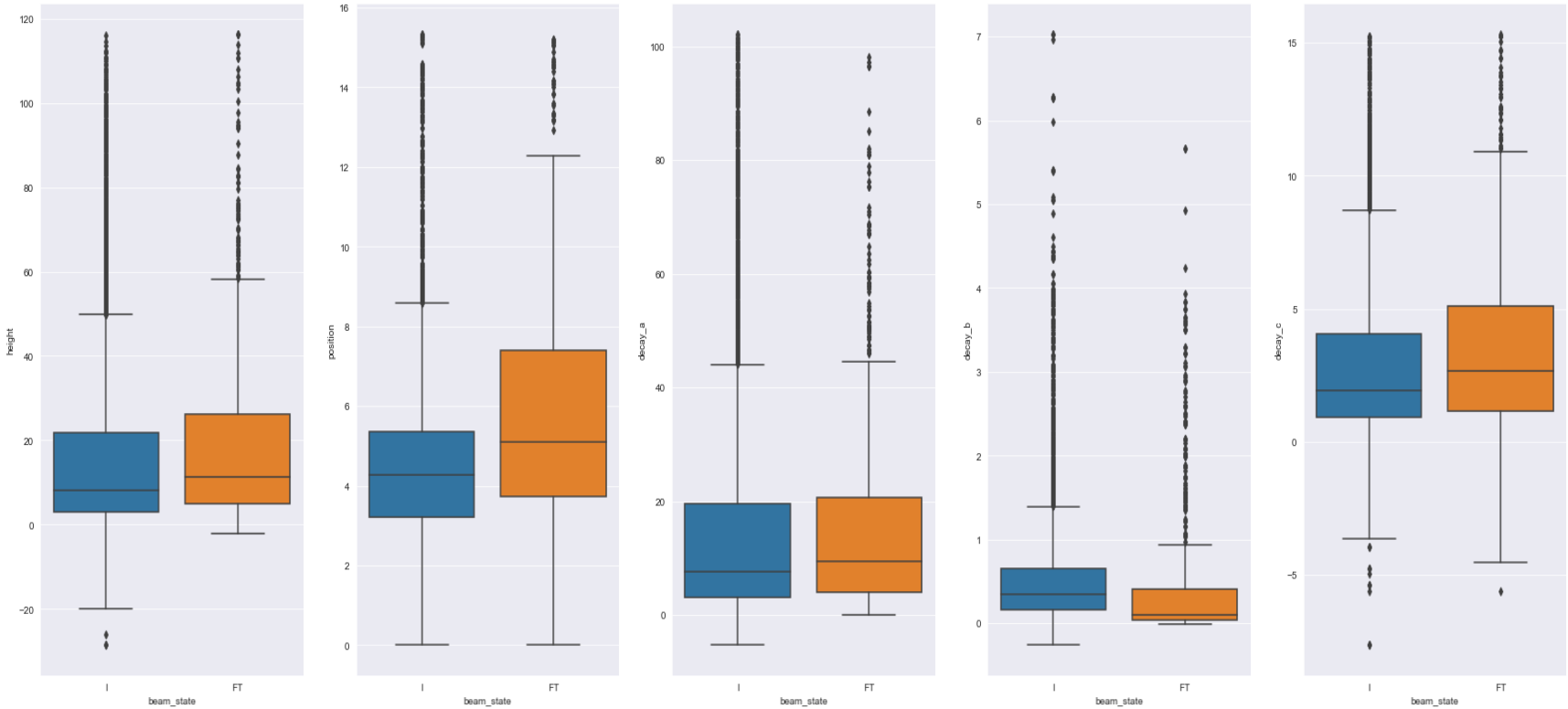


Figure: Boxplot total dataset

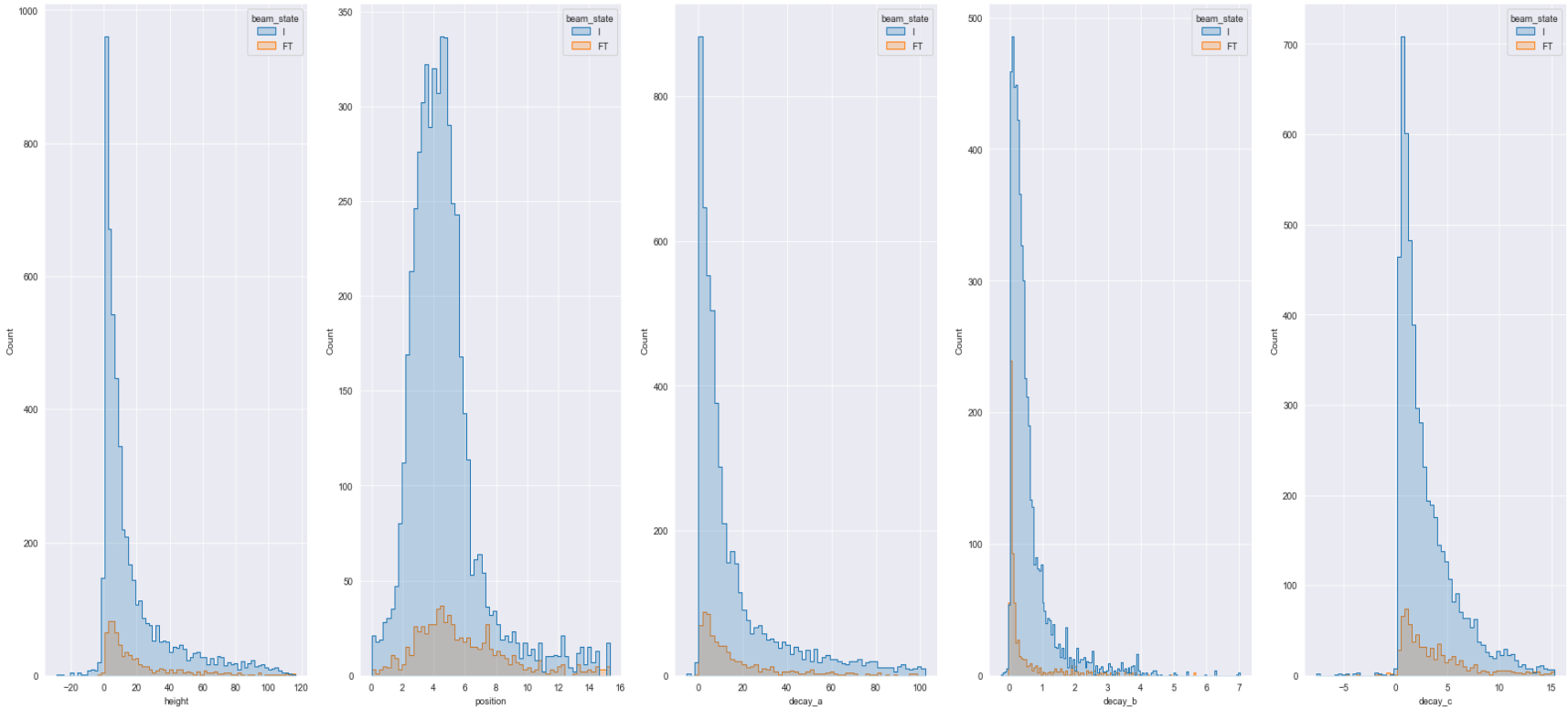


Figure: Histplot total dataset

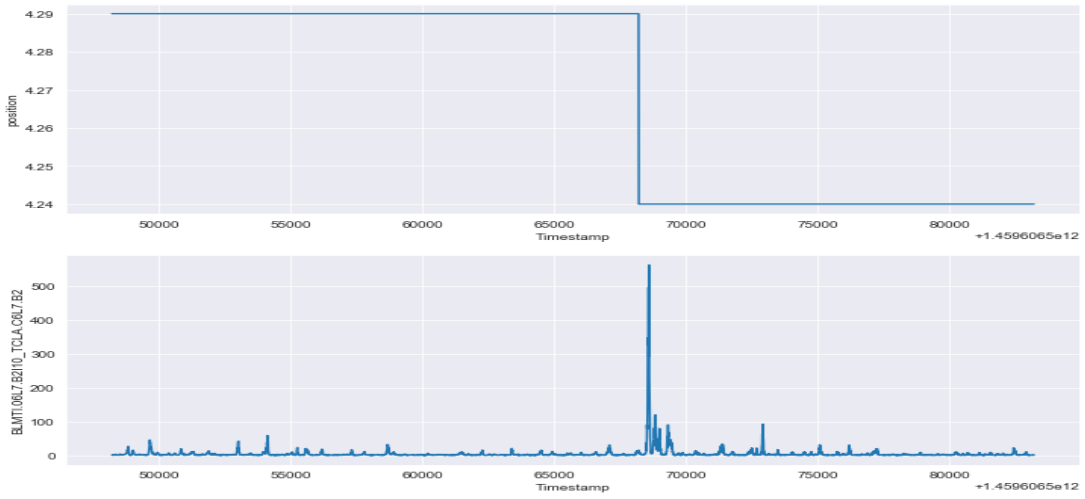


Figure: Position and Beam Losses at **Injection**

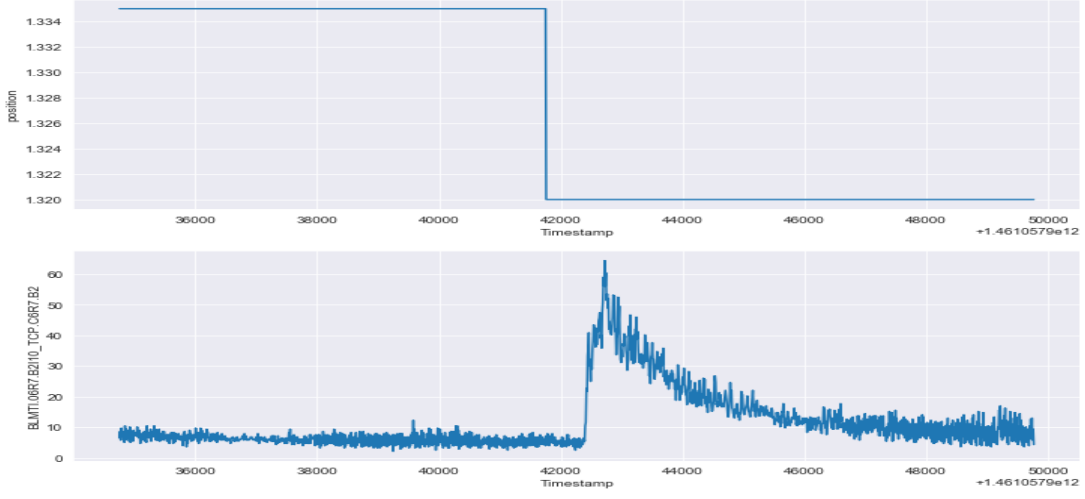
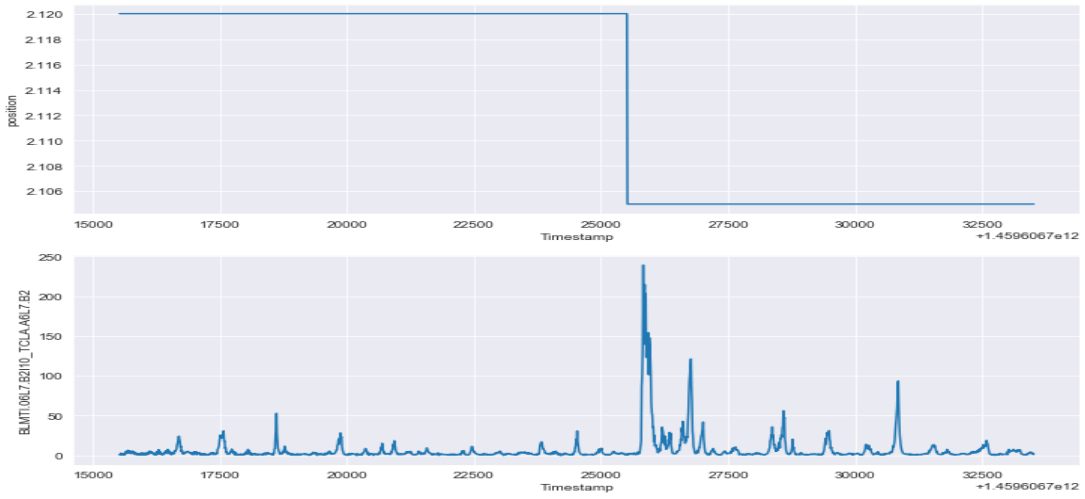


Figure: Position and Beam Losses at **Flat Top**



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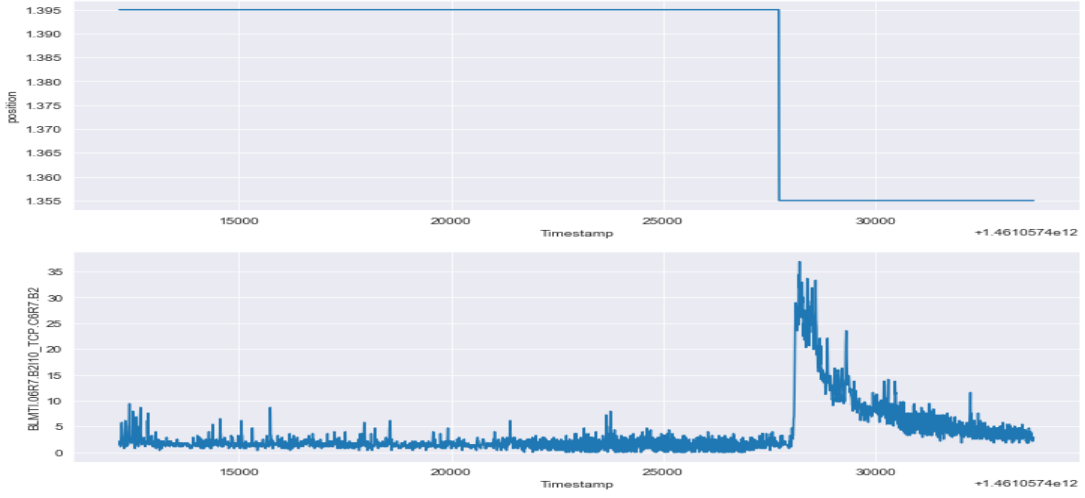
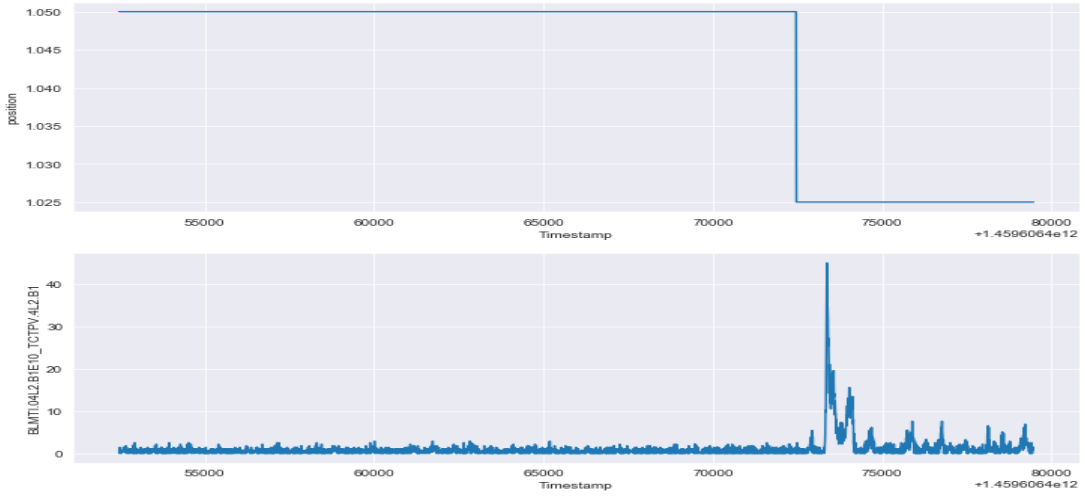


Figure: Position and Beam Losses at **Flat Top**



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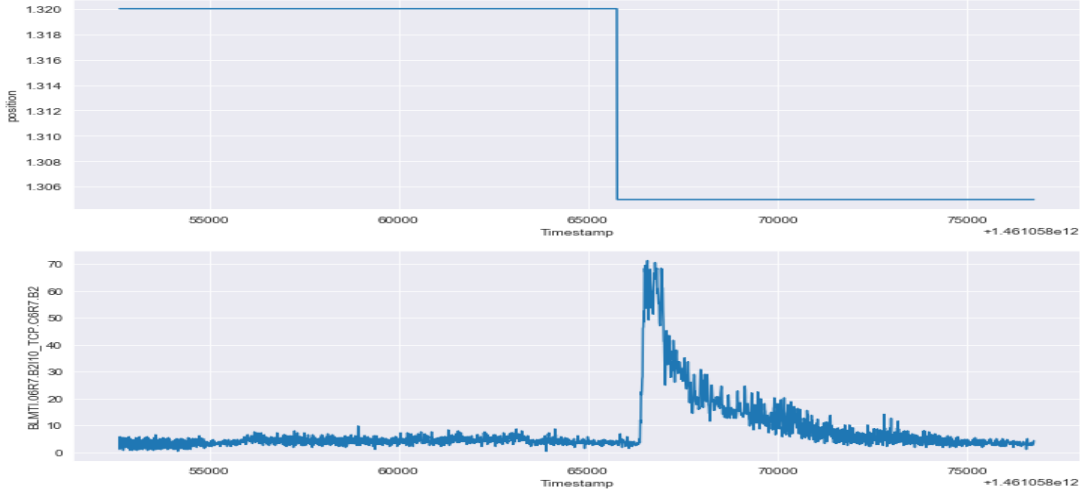

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