Results

Gianmarco Ricci

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Dataset

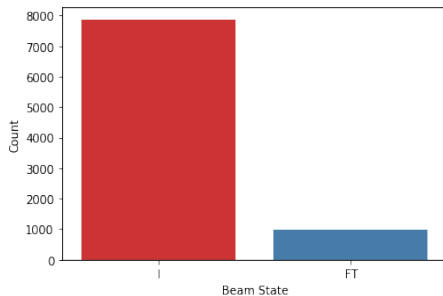|	jaw	height	position	decay_a	decay_b	decay_c	spike	collimator_type	beam_type	beam_state
0	0	5.910913	5.248969	6.235078	0.344805	0.865752	1	TCP	PROTON	I
1	1	2.013513	4.100928	2.026613	2.851484	0.868502	0	TCP	PROTON	I
2	0	31.565092	5.502972	27.247661	0.476436	3.484360	1	TCP	PROTON	I
3	1	31.565092	4.393772	27.247661	0.476436	3.484360	1	TCP	PROTON	I
4	1	7.030556	3.333658	6.997113	0.052134	2.340324	1	TCP	PROTON	I
...	...	...	...	...	...	...	...	...	...	...
8857	1	26.972851	13.343164	25.949200	0.305902	3.644874	1	TCT	PROTON	FT
8858	0	15.465093	15.137477	15.791677	0.628352	1.243694	1	TCT	PROTON	FT
8859	1	15.465093	15.137477	15.791677	0.628352	1.243694	1	TCT	PROTON	FT
8860	0	141.277962	11.376518	136.430710	43.774418	6.016290	1	TCT	PROTON	FT
8861	1	141.277962	11.376518	136.430710	43.774418	6.016290	1	TCT	PROTON	FT

8862 rows × 10 columns

Figure: Dataset

Plots

Figure: Number of features at Injection and Flat Top

Plots
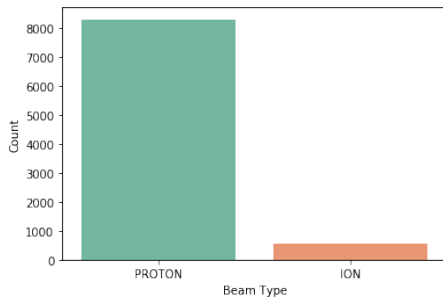

Figure: Number of features from Proton beam and ion beam
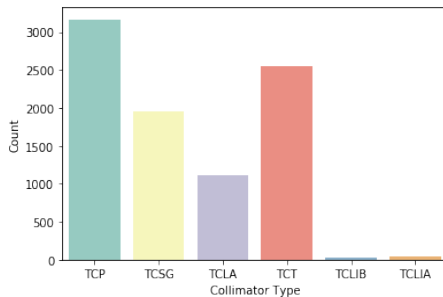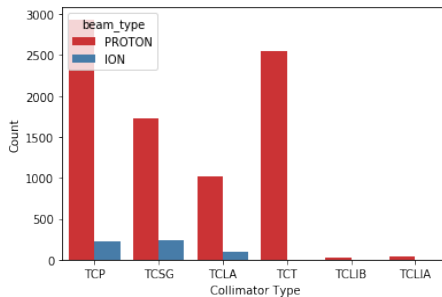
Figure: Number of features per collimator

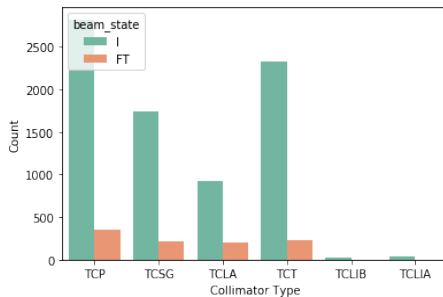# Plots

Figure: Number of features per collimator
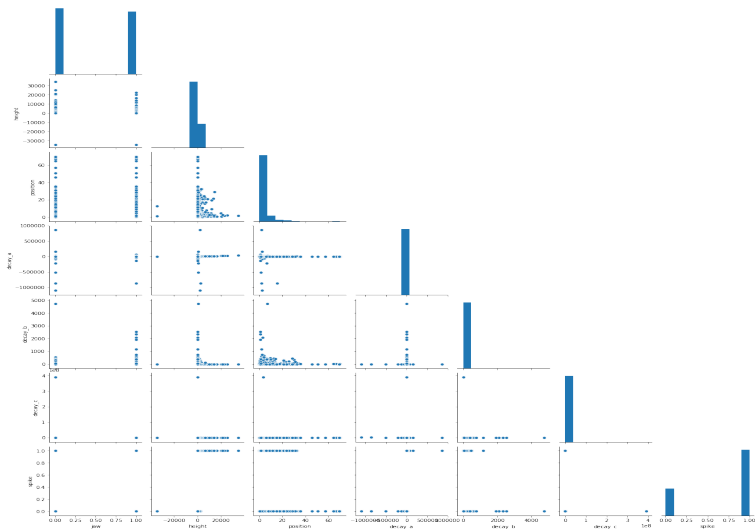
Plots

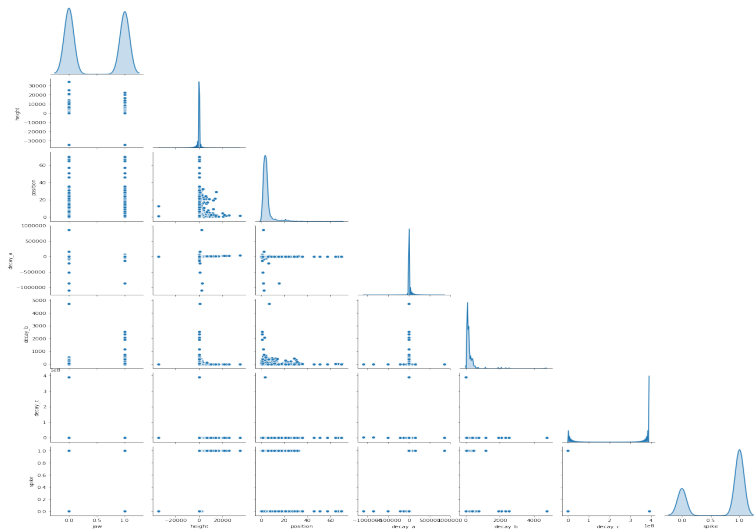Figure: Number of features per collimator

Figure: Pairplot

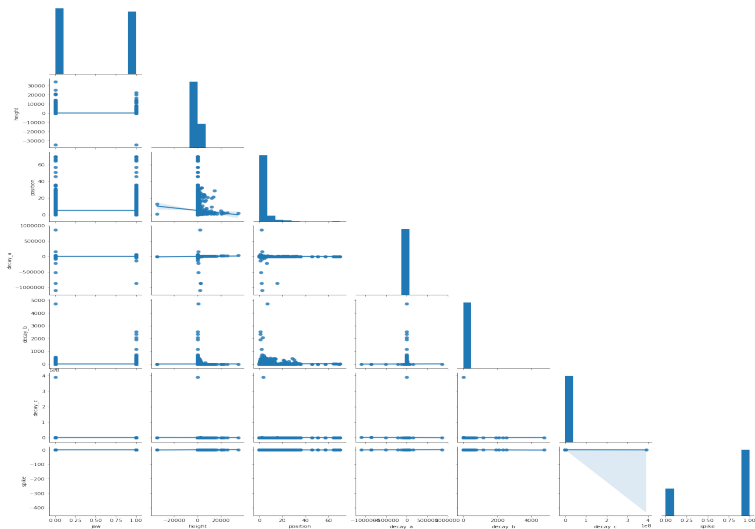Figure: Pairplot (kernel density estimates)

Plots

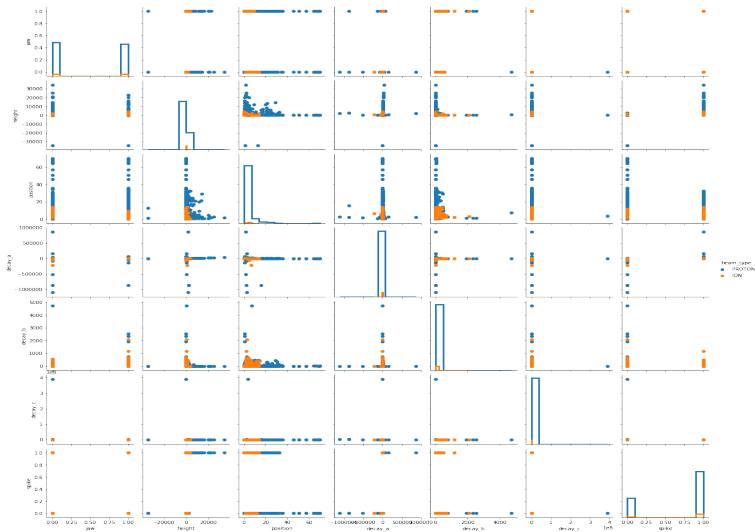Figure: Pairplot (linear fit to the scatter plots)

Plots

Figure: Pairgrid