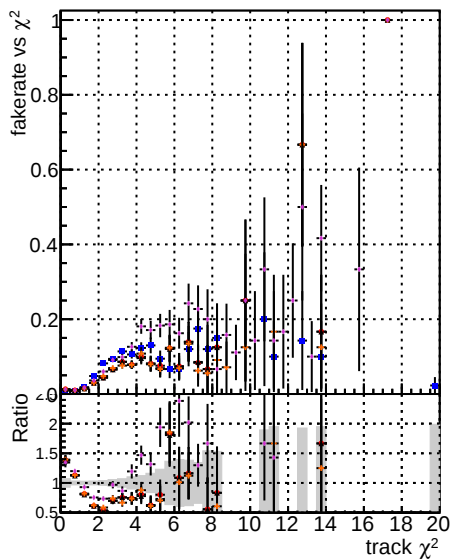
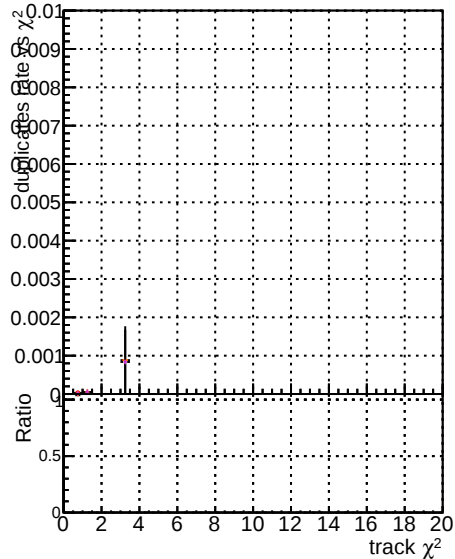


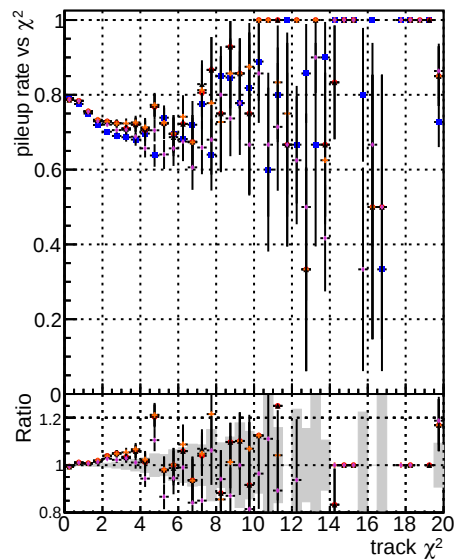
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Model	Step	Fake Rate
DOMstep3	step3	~0.85
TT	TT	~0.85
GKE	GKE	~0.85
default	step3	~0.85
GKEfull	GKE	~0.85

Figure 1 consists of two panels. The top panel shows the 'F1 Score' on the y-axis (ranging from 0.05 to 0.5) against the number of features (k) on the x-axis (ranging from 1 to 10). The bottom panel shows the 'Ratio' on the y-axis (ranging from 0.6 to 1.0) against the number of features (k) on the x-axis (ranging from 1 to 10). The legend indicates six methods: 'Proposed' (black), 'Lasso' (red), 'Ridge' (green), 'Elastic Net' (blue), 'Adaptive Lasso' (purple), and 'Bayesian Lasso' (brown). The proposed method consistently shows the highest F1 Score and the lowest Ratio across all values of k.

Figure 1 is a log-linear plot showing the ratio of the number of clicks to the number of impressions for four different ad formats. The y-axis is labeled 'Ratio' and ranges from 0 to 0.01 on a logarithmic scale. The x-axis is labeled 'Clicks/Impressions' and ranges from 0 to 0.01 on a logarithmic scale. The four ad formats are represented by different symbols and colors: BPO1+BP02+BP03+FP01_neg (blue circles), BPO1+BP02+FP01_pos+FP02_pos (red squares), BPO1+BP02+FP01_neg+FP02_pos (green triangles), and BPO1+FP01_pos+FP02_pos+FP03_pos (purple diamonds). All four ad formats show a ratio of approximately 0.001 across the range of clicks/impressions.

[illegible]