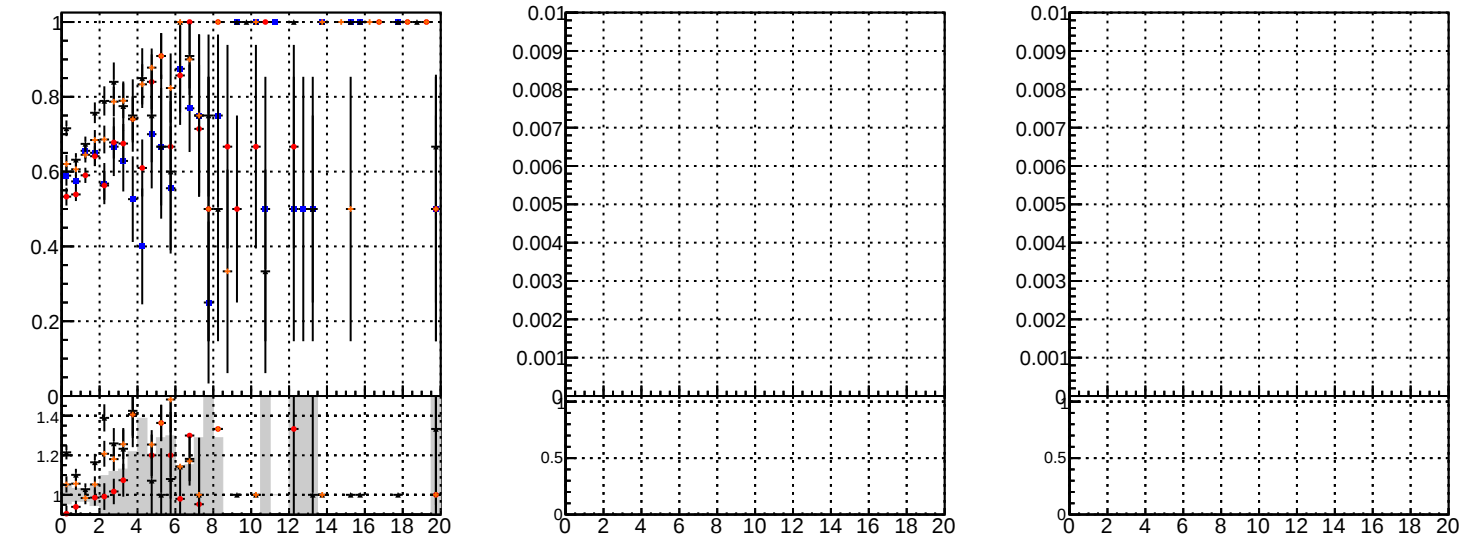


Fake rate vs normalized  $\chi^2$

Duplicates Rate vs normalized  $\chi^2$

Pileup rate vs normalized  $\chi^2$



Fake rate vs. 

|     |           |      |       |     |
|-----|-----------|------|-------|-----|
| BSM | Displaced | SUSY | CKFit | BDT |
| BSM | Displaced | SUSY | CKFit | BDT |
| BSM | Displaced | SUSY | CKFit | BDT |

