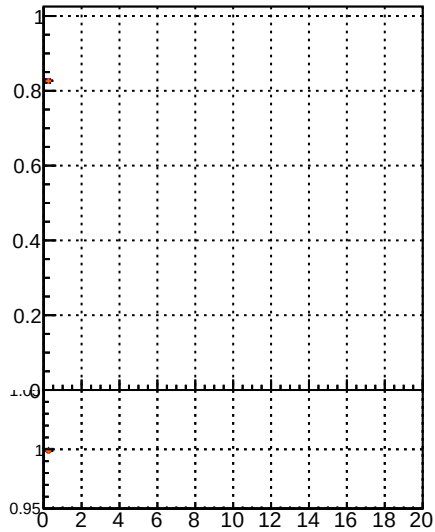
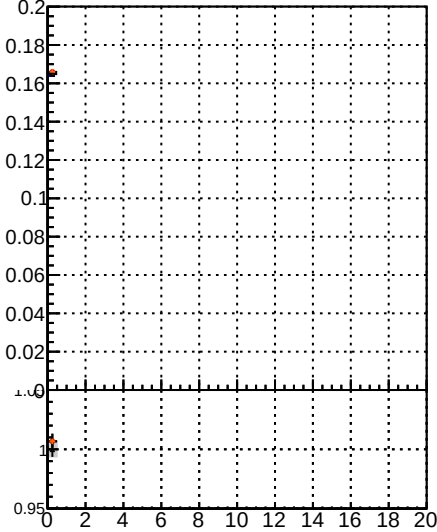


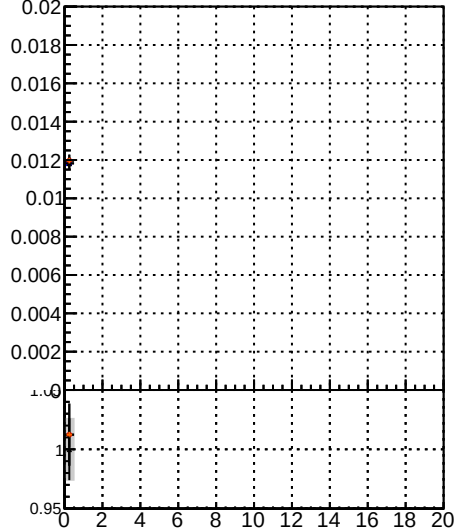
Fake rate vs normalized χ^2



Duplicates Rate vs normalized χ^2



Pileup rate vs normalized χ^2



Fake rate vs. χ^2 for BSM Displaced SUSY CKE Fit, BDT, and CKE Fit, BDT. The plot shows the fake rate for various models and fits. The y-axis ranges from 0.95 to 1.0, and the x-axis ranges from 0 to 20. Data points are clustered at x=0 with a fake rate of approximately 0.85. A horizontal line is at y=1.0.

