

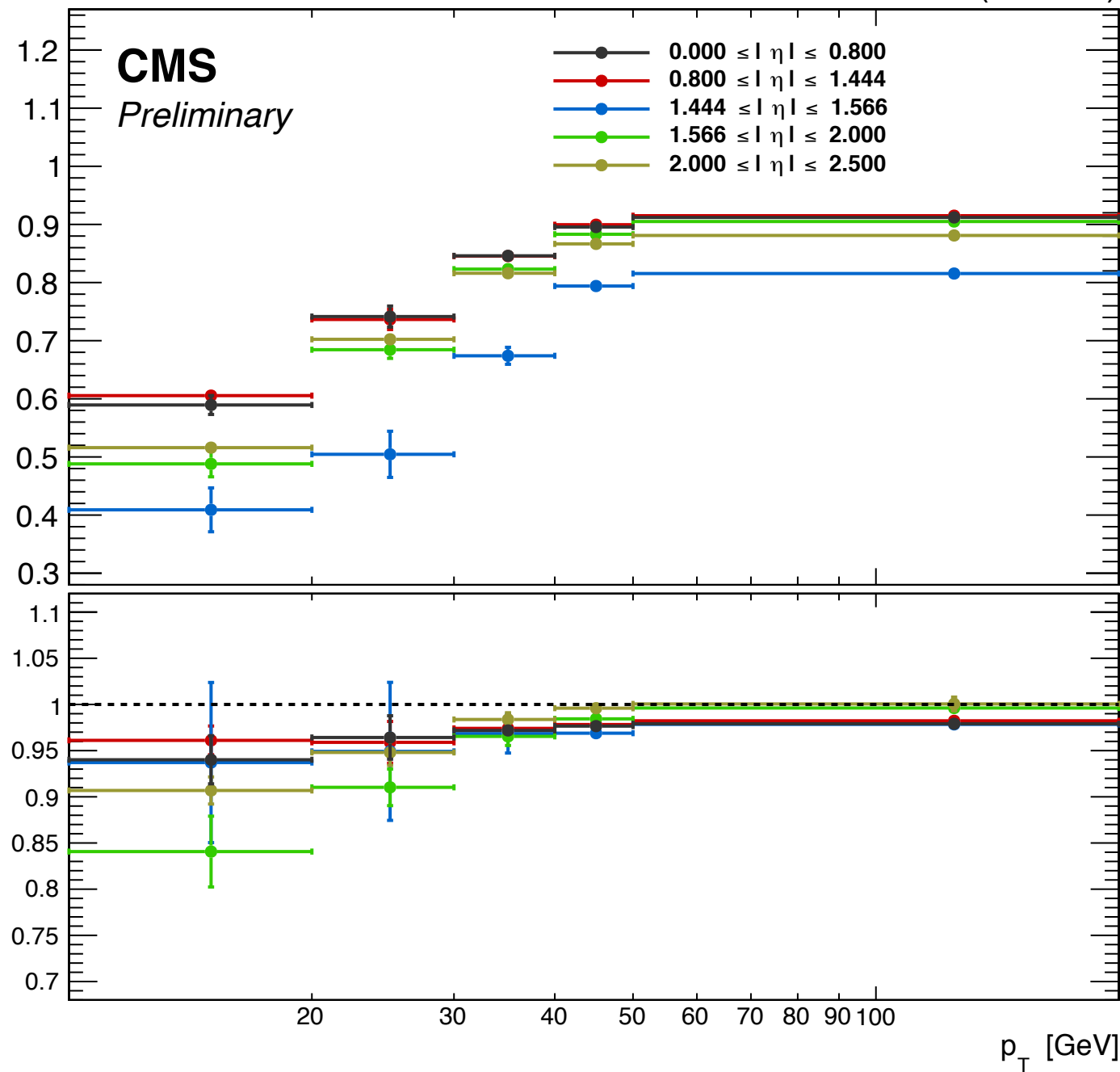
12.7 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS***Preliminary*

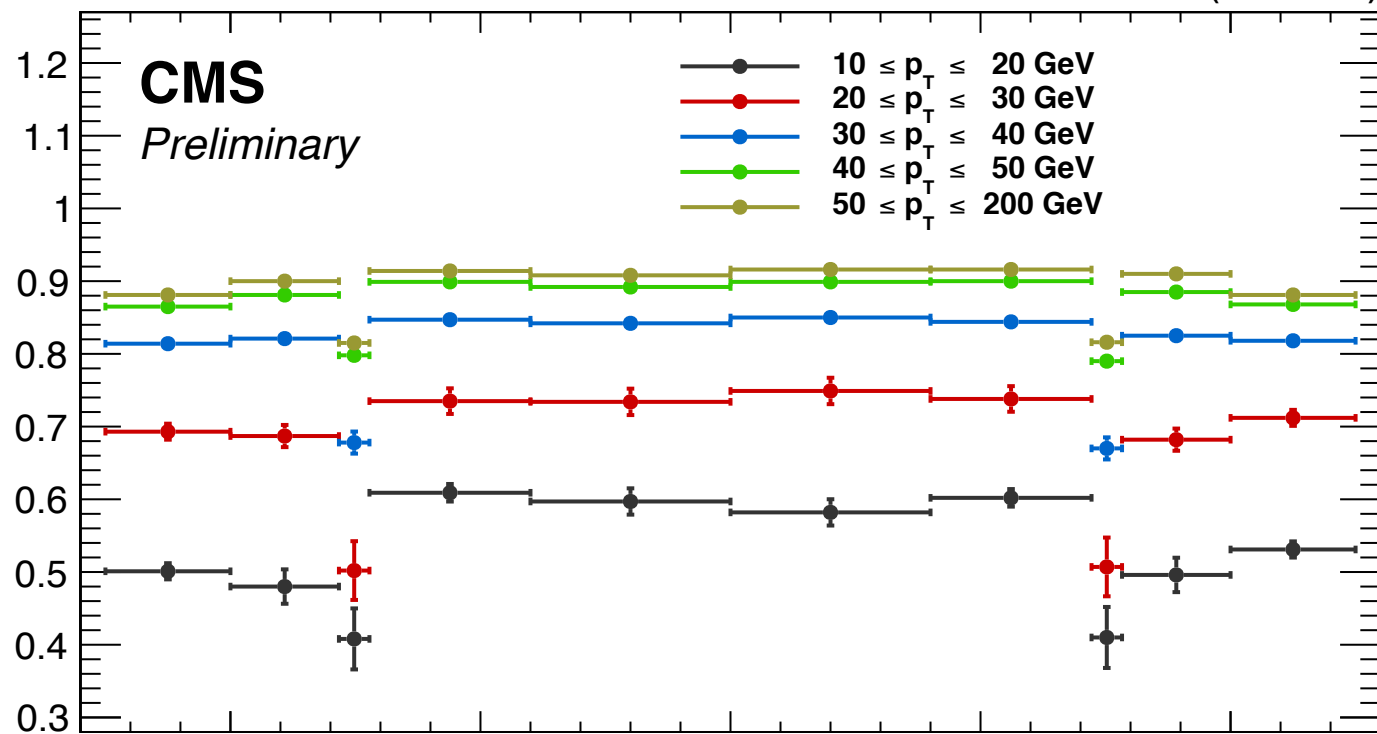
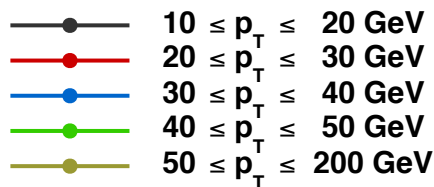
- 0.000 ≤ |η| ≤ 0.800
- 0.800 ≤ |η| ≤ 1.444
- 1.444 ≤ |η| ≤ 1.566
- 1.566 ≤ |η| ≤ 2.000
- 2.000 ≤ |η| ≤ 2.500

Data / MC

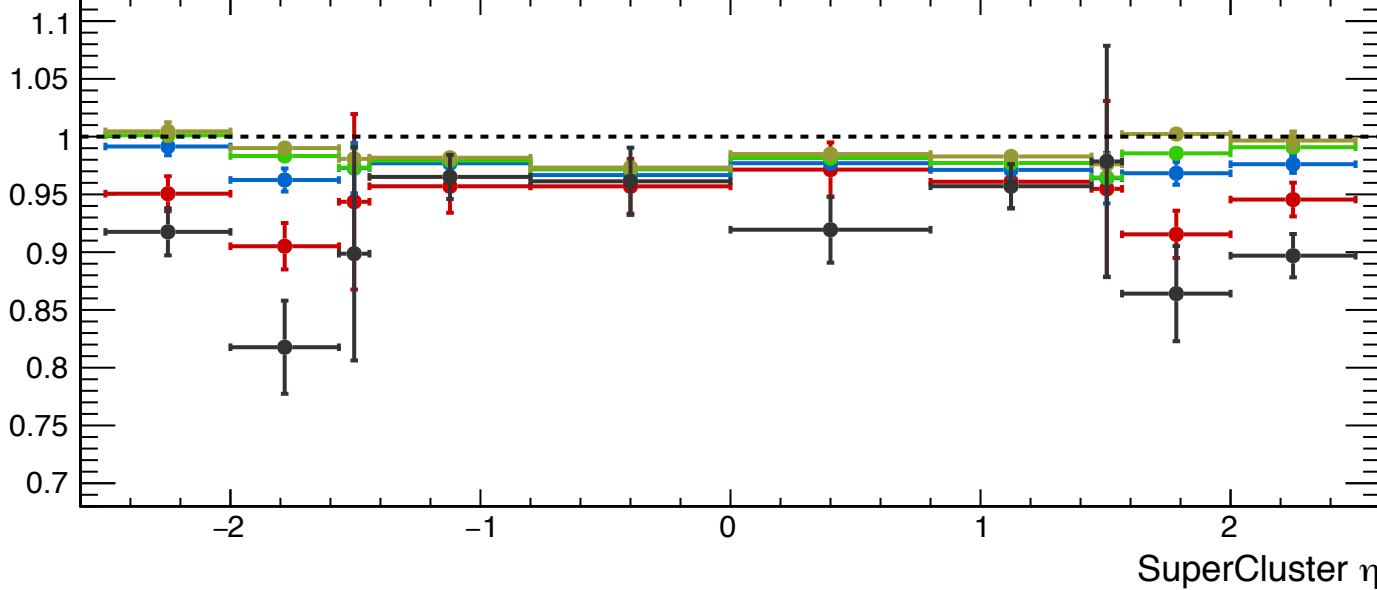


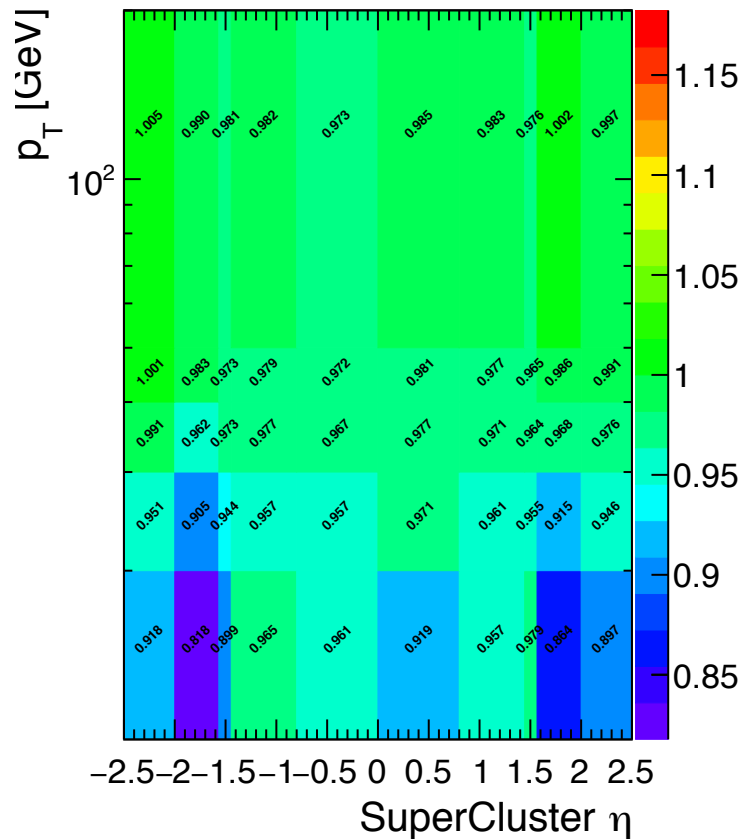
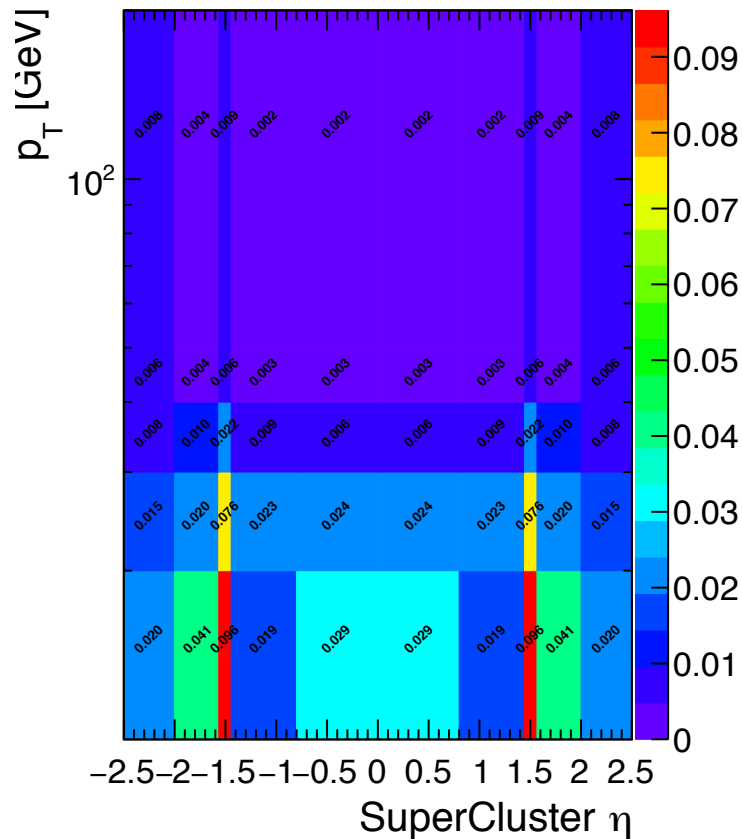
12.7 fb<sup>-1</sup> (13 TeV)

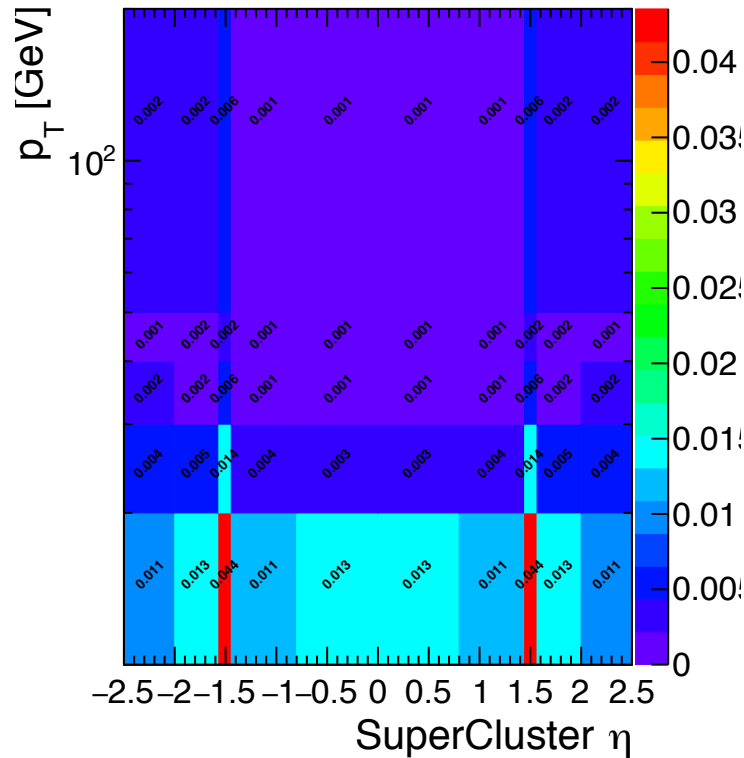
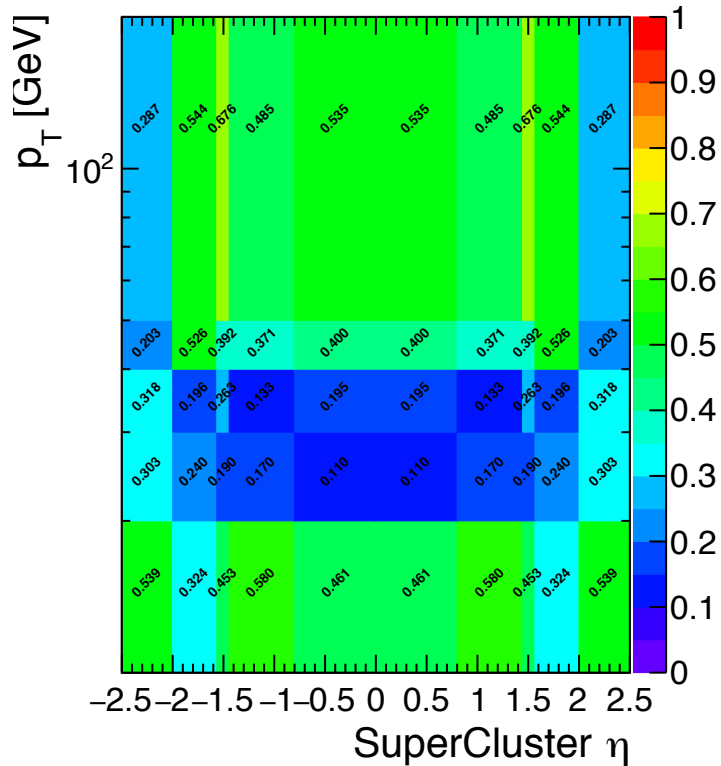
Data efficiency

**CMS***Preliminary*

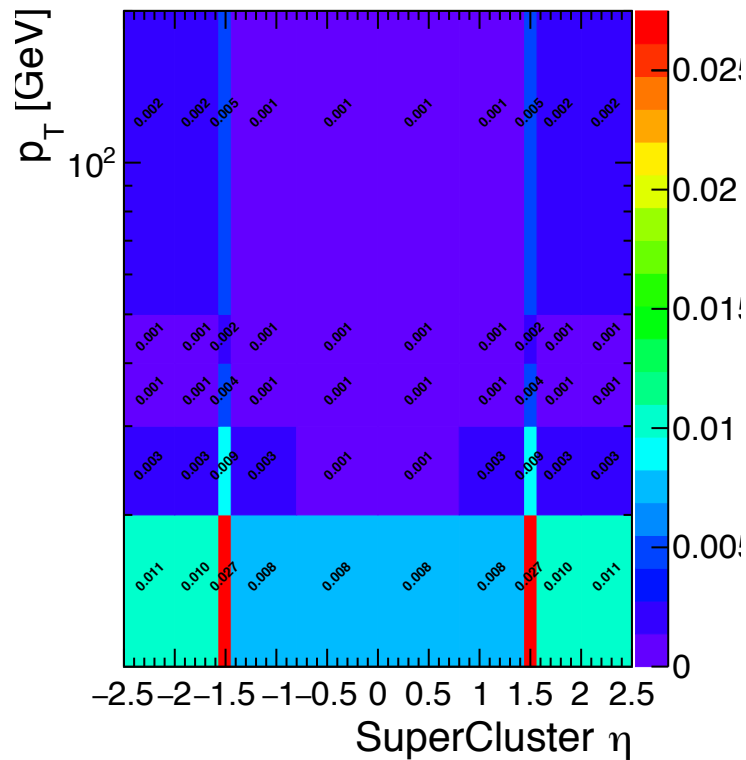
Data / MC



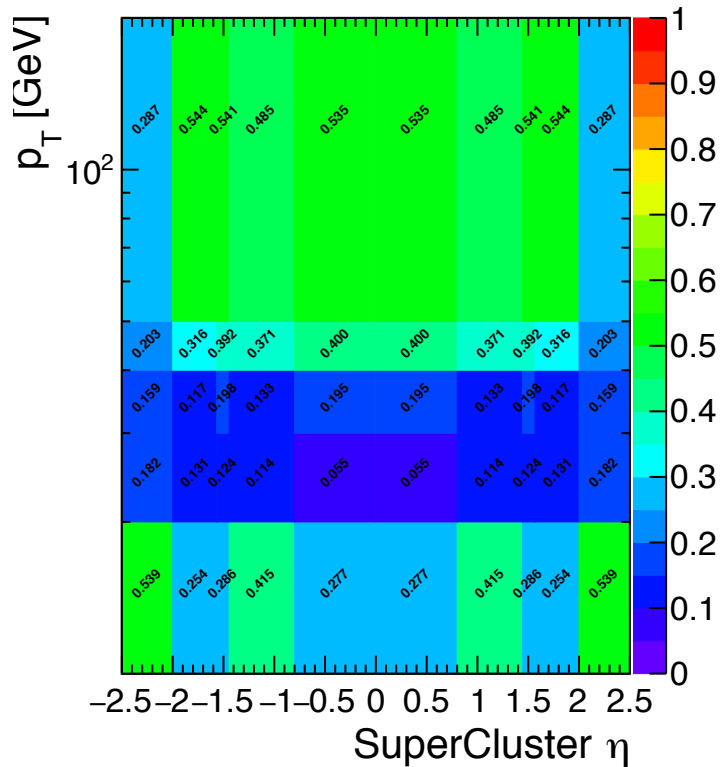
**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

**$e/\gamma$  absolute SF syst: statData** **$e/\gamma$  relative SF syst: statData**

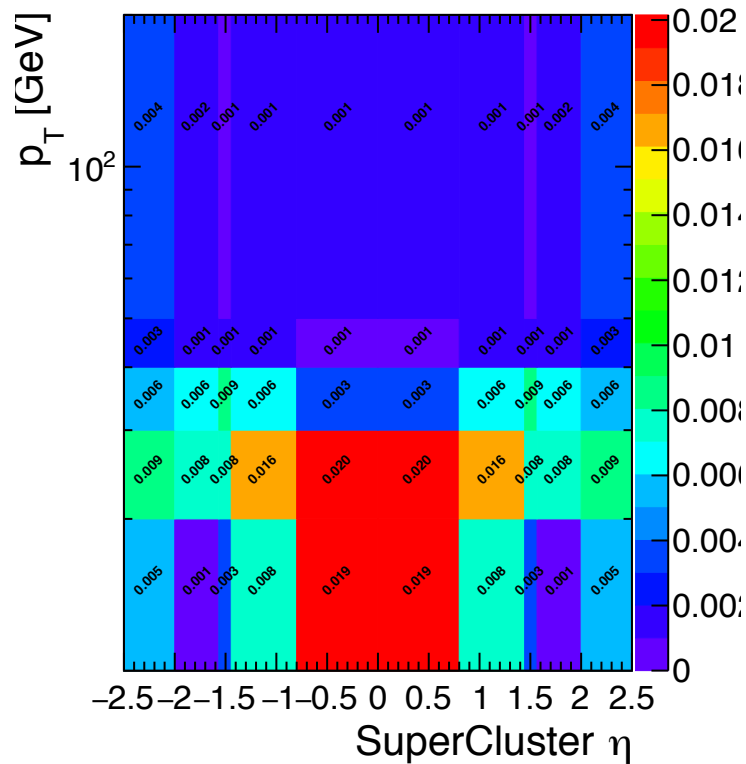
$e/\gamma$  absolute SF syst: statMC



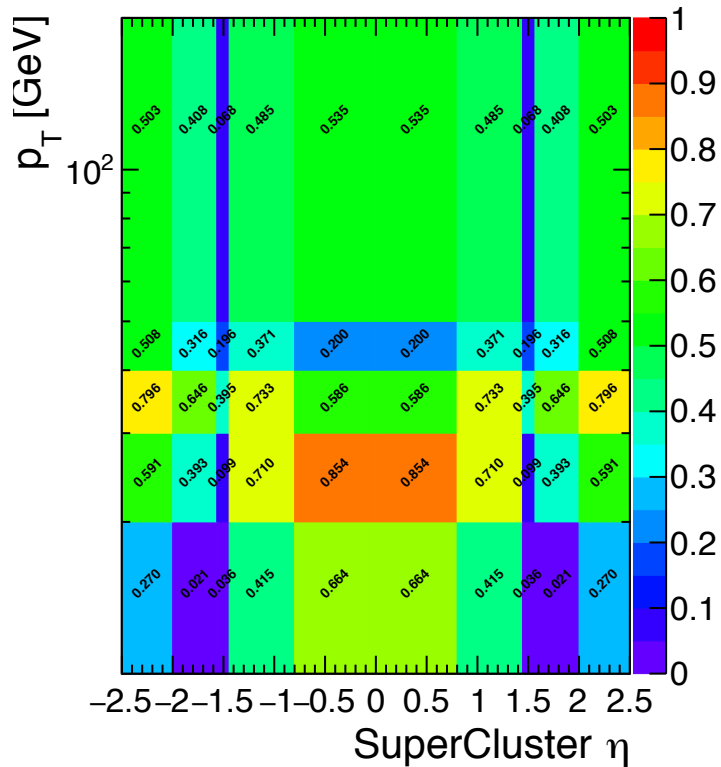
$e/\gamma$  relative SF syst: statMC



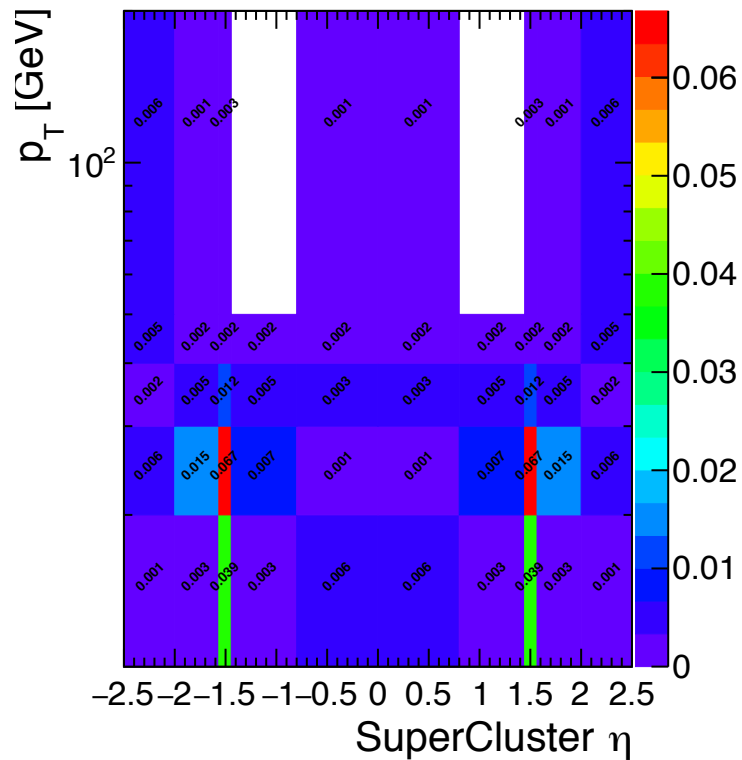
$e/\gamma$  absolute SF syst: altBkgModel



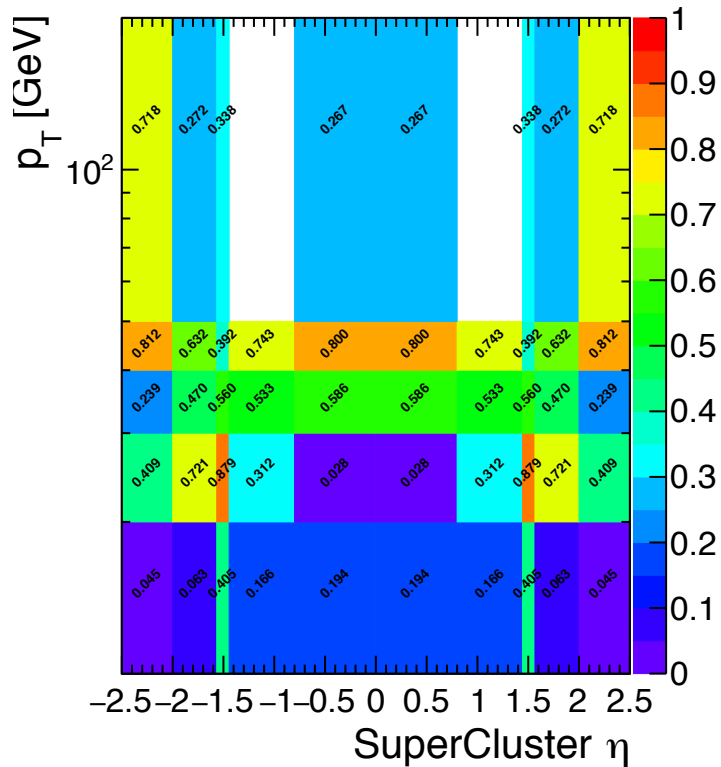
$e/\gamma$  relative SF syst: altBkgModel



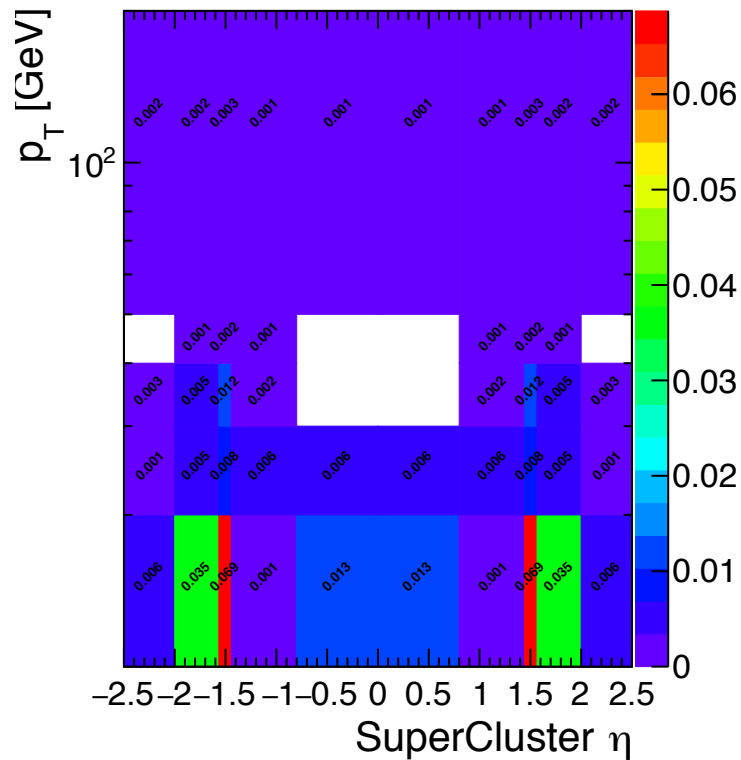
$e/\gamma$  absolute SF syst: altSignalModel



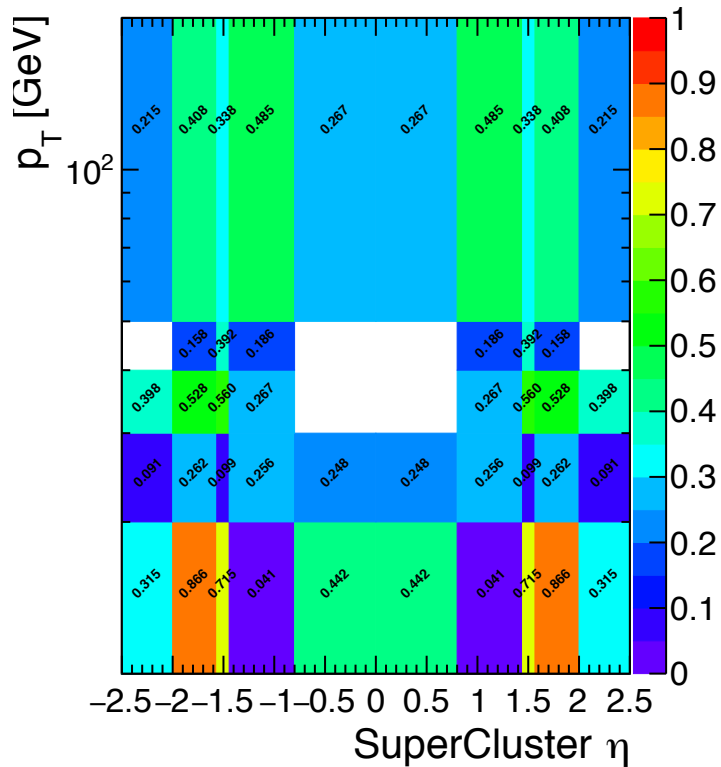
$e/\gamma$  relative SF syst: altSignalModel



$e/\gamma$  absolute SF syst: altMCEff

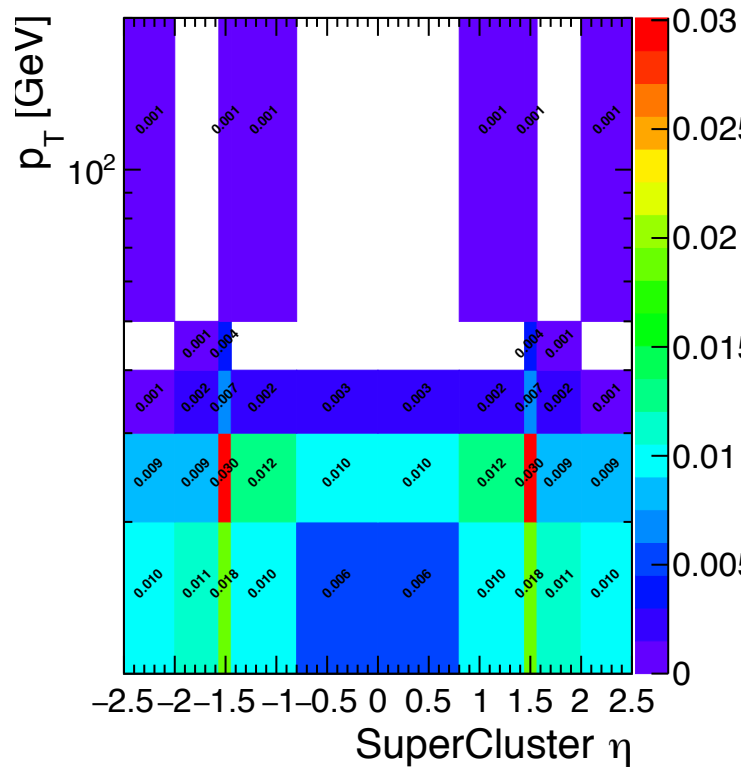


$e/\gamma$  relative SF syst: altMCEff





$e/\gamma$  absolute SF syst: altTagSelection



$e/\gamma$  relative SF syst: altTagSelection

