

+59.8 fb<sup>-1</sup> (13 TeV)

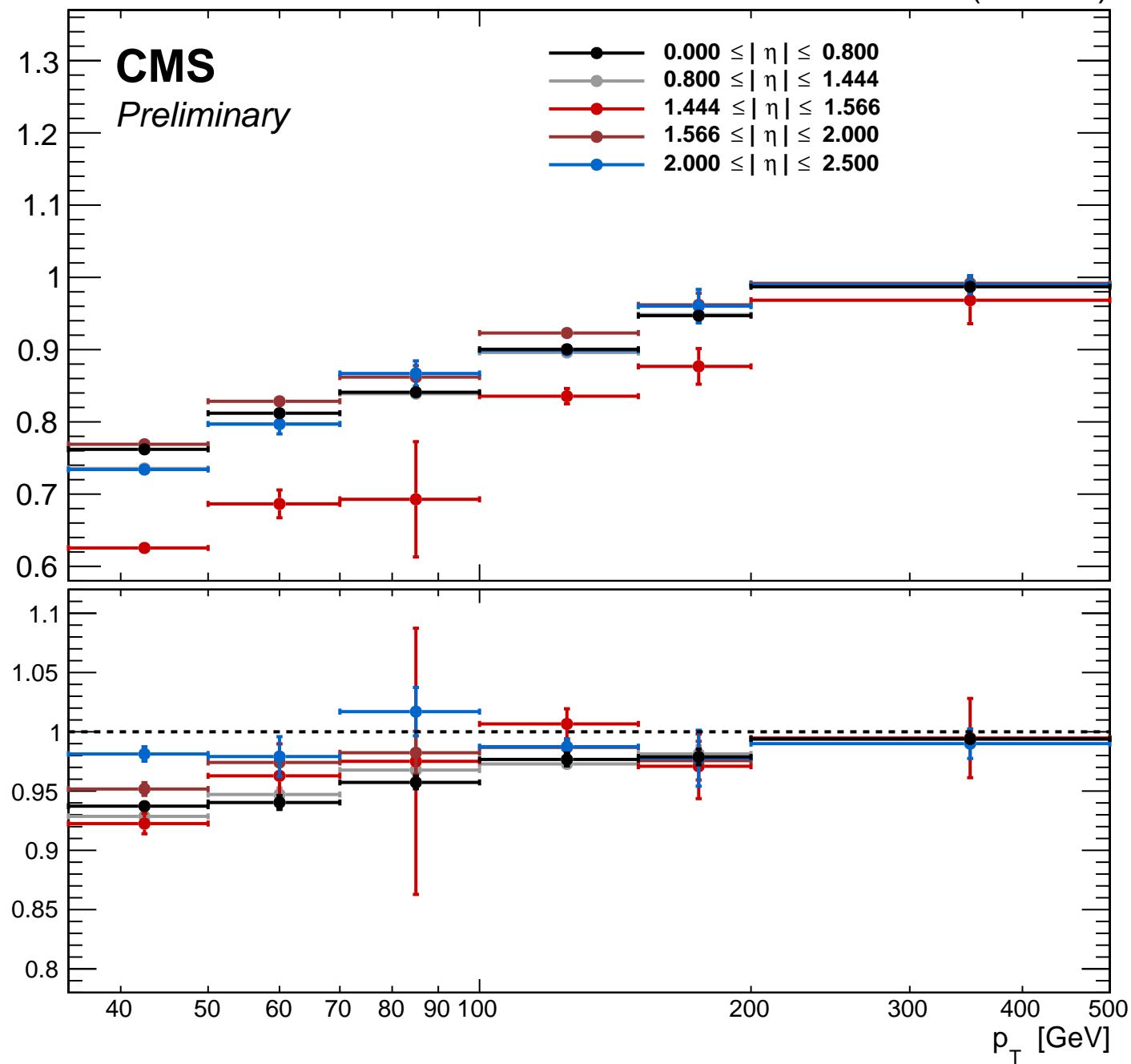
Data efficiency

**CMS**

*Preliminary*



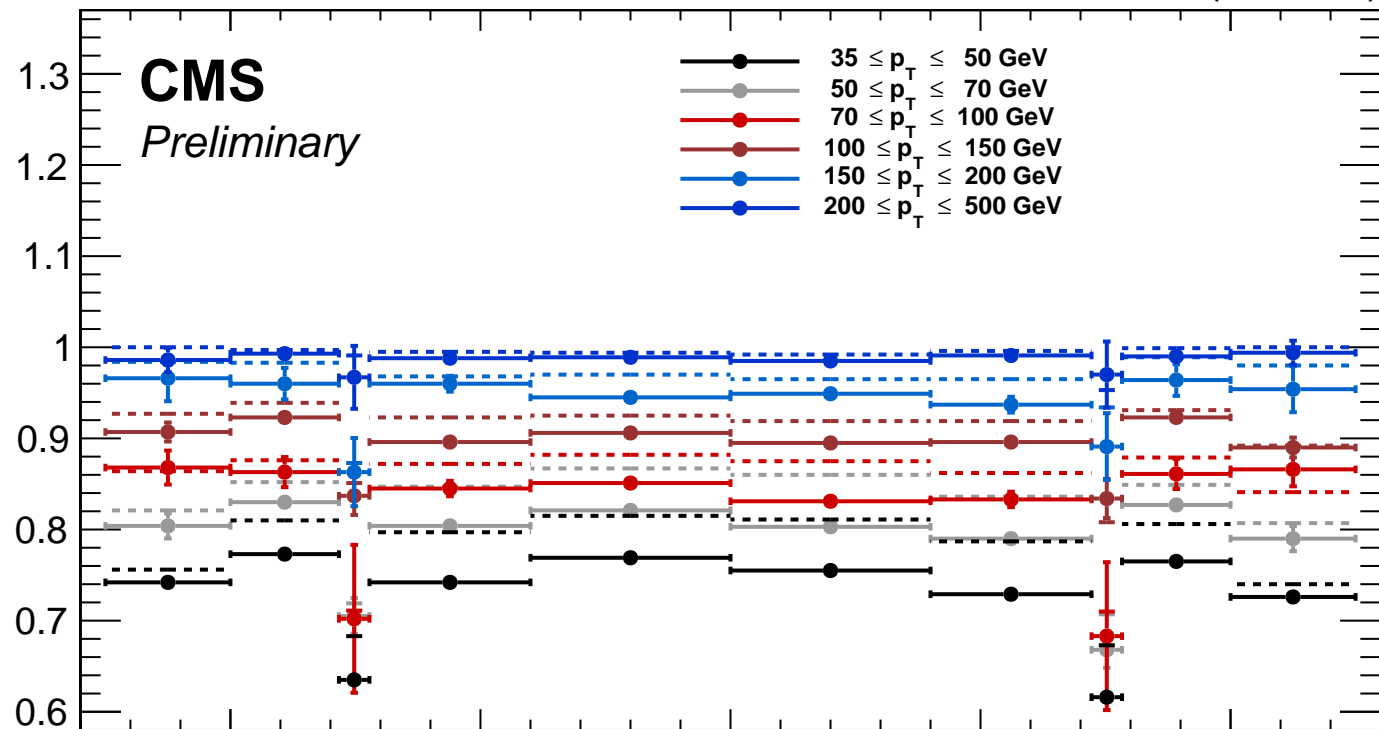
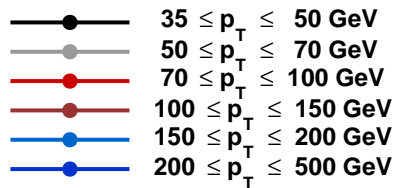
Data / MC



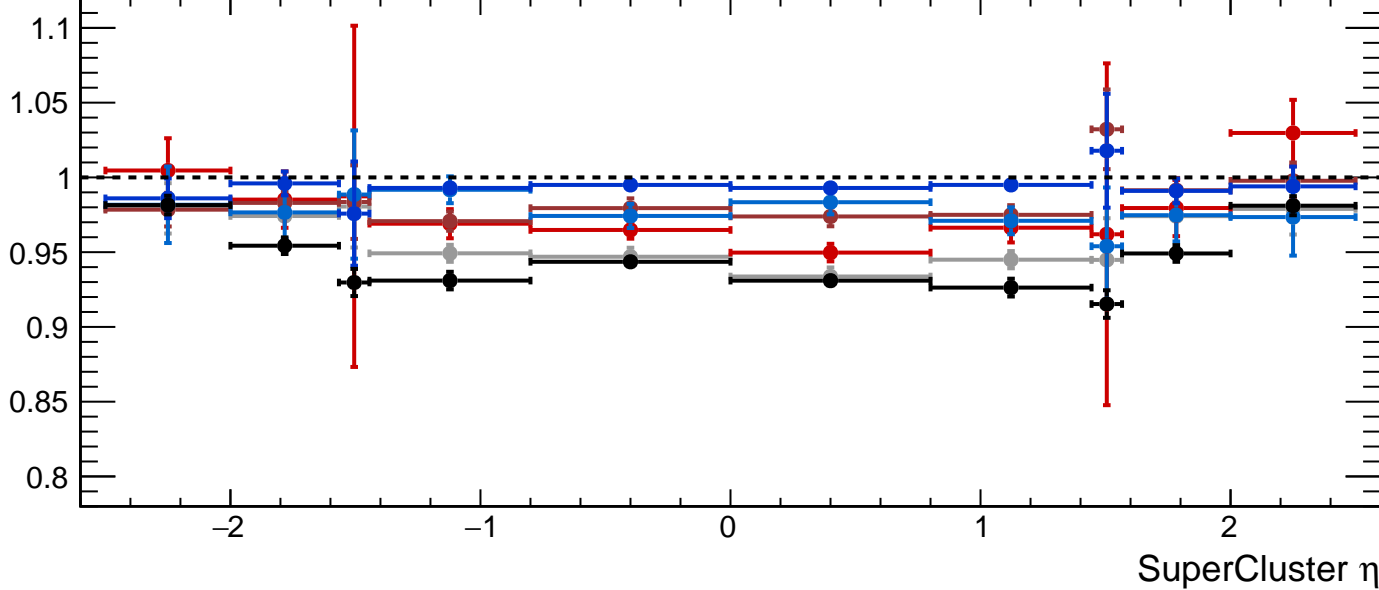
+59.8 fb<sup>-1</sup> (13 TeV)

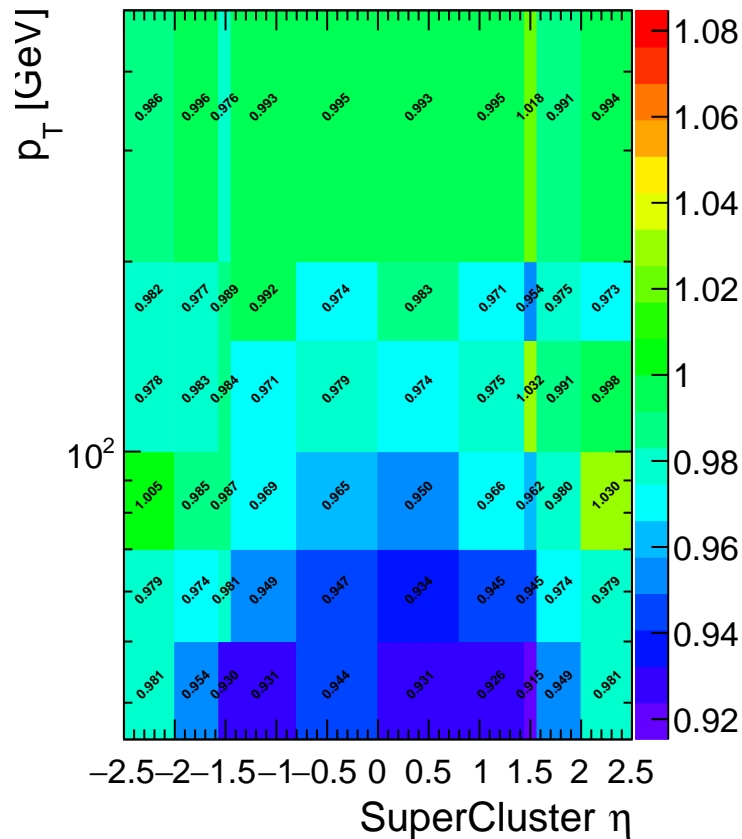
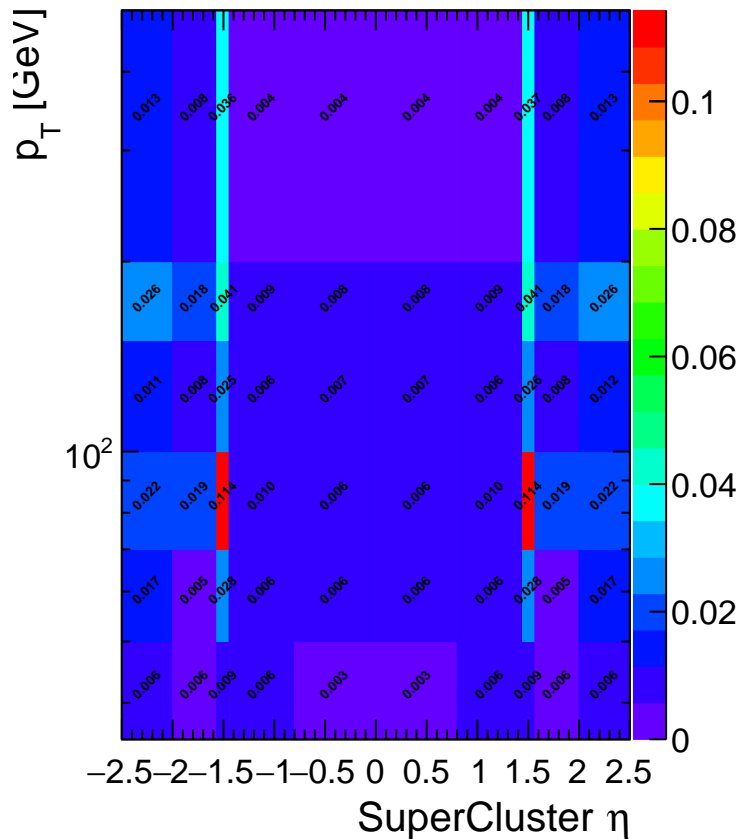
Data efficiency

**CMS**  
*Preliminary*

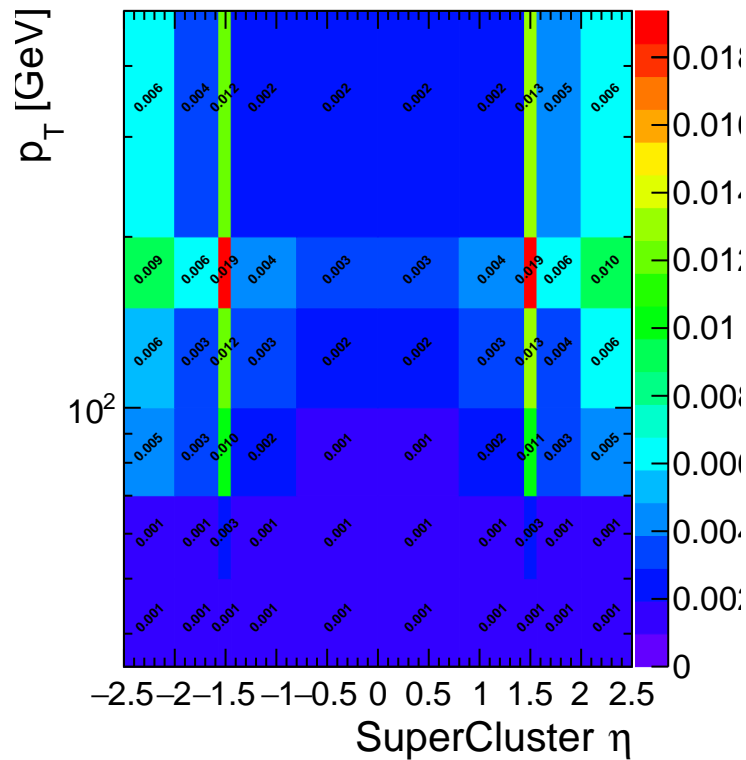


Data / MC

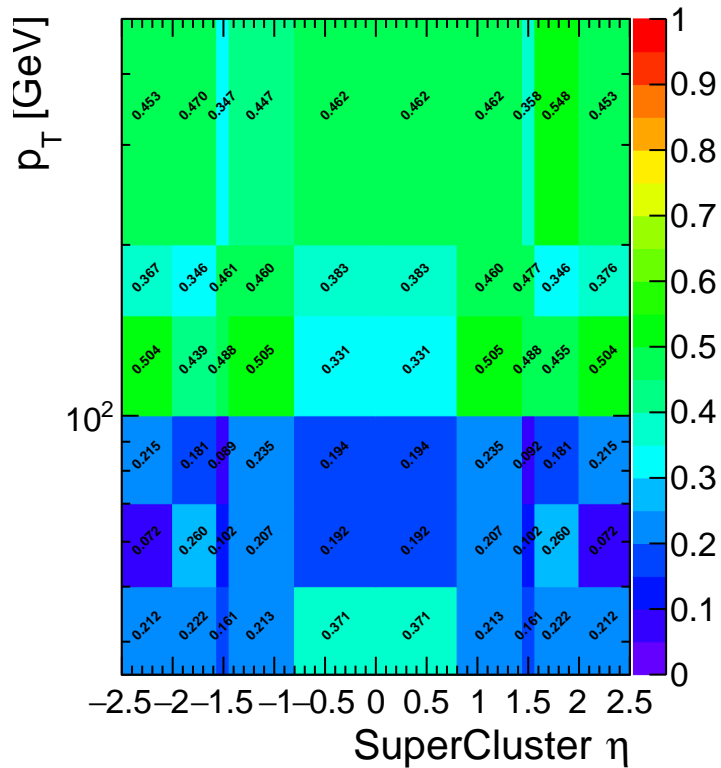


**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

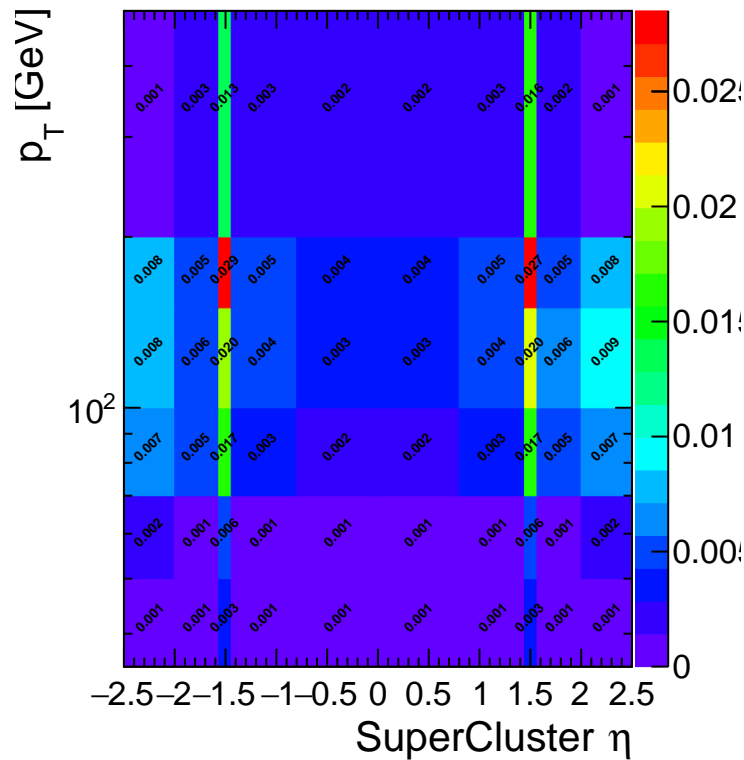
$e/\gamma$  absolute SF syst: statData



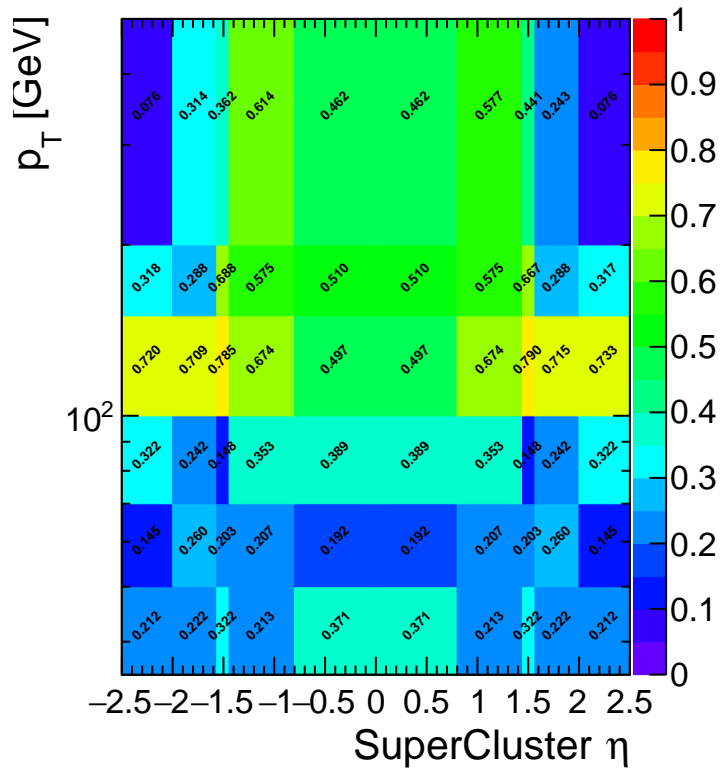
$e/\gamma$  relative SF syst: statData



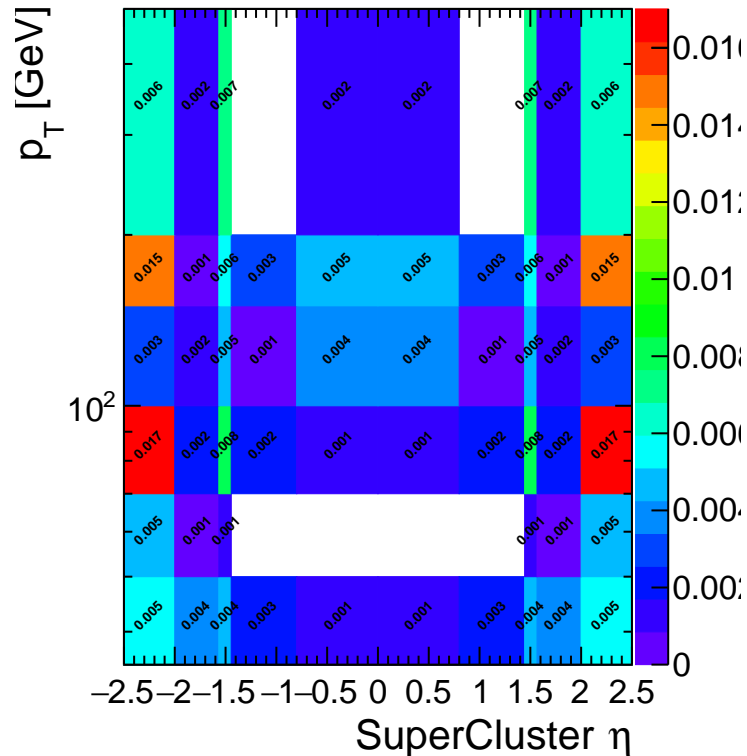
$e/\gamma$  absolute SF syst: statMC



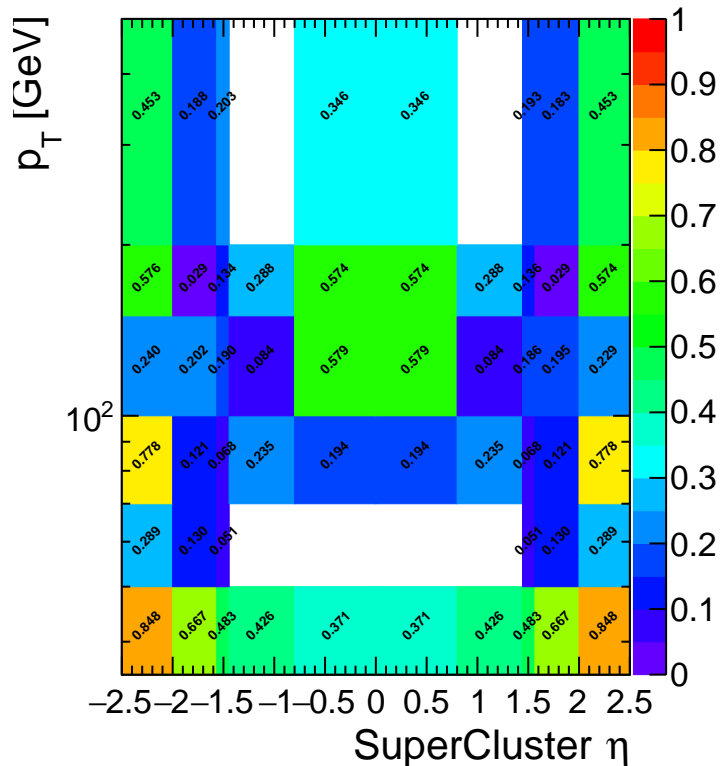
$e/\gamma$  relative SF syst: statMC



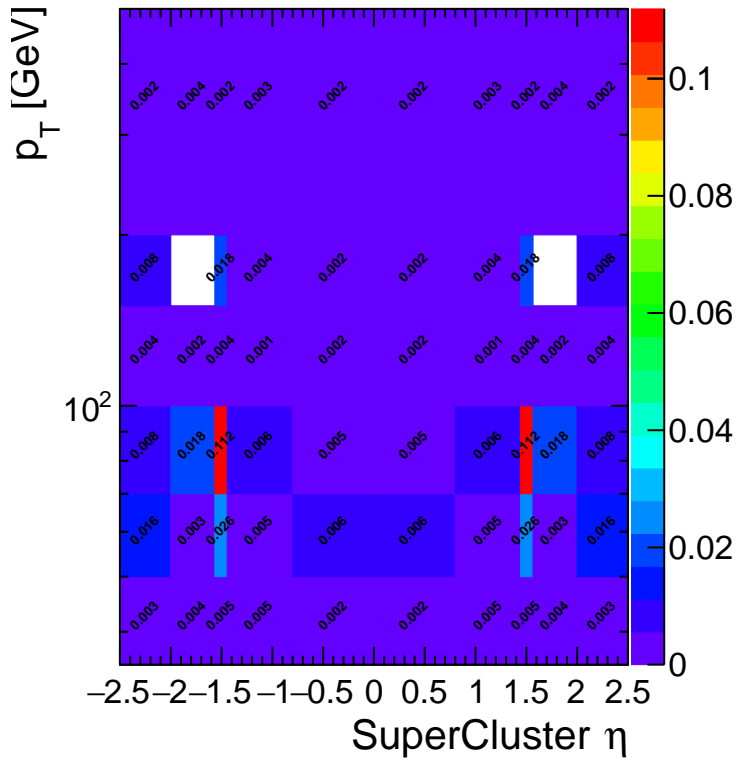
$e/\gamma$  absolute SF syst: altBkgModel



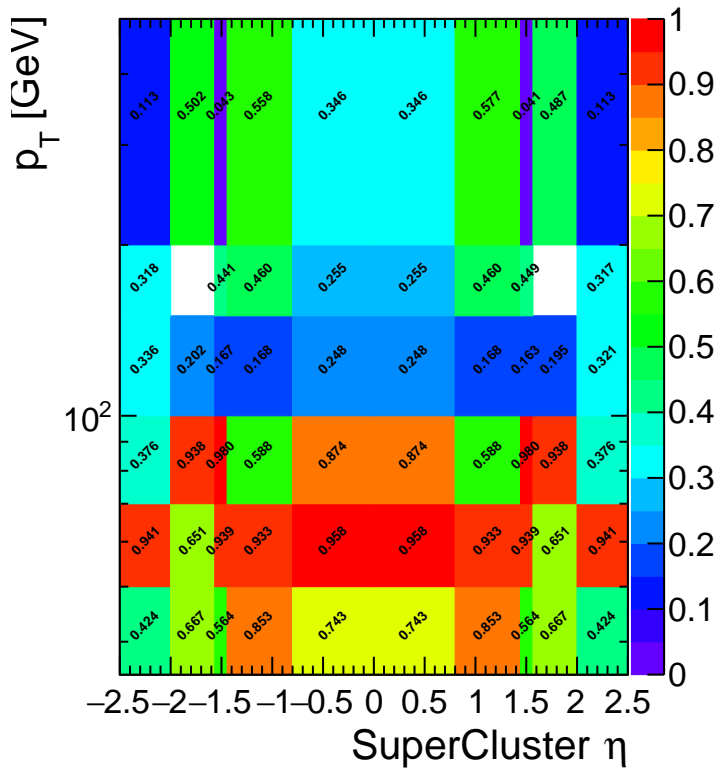
$e/\gamma$  relative SF syst: altBkgModel

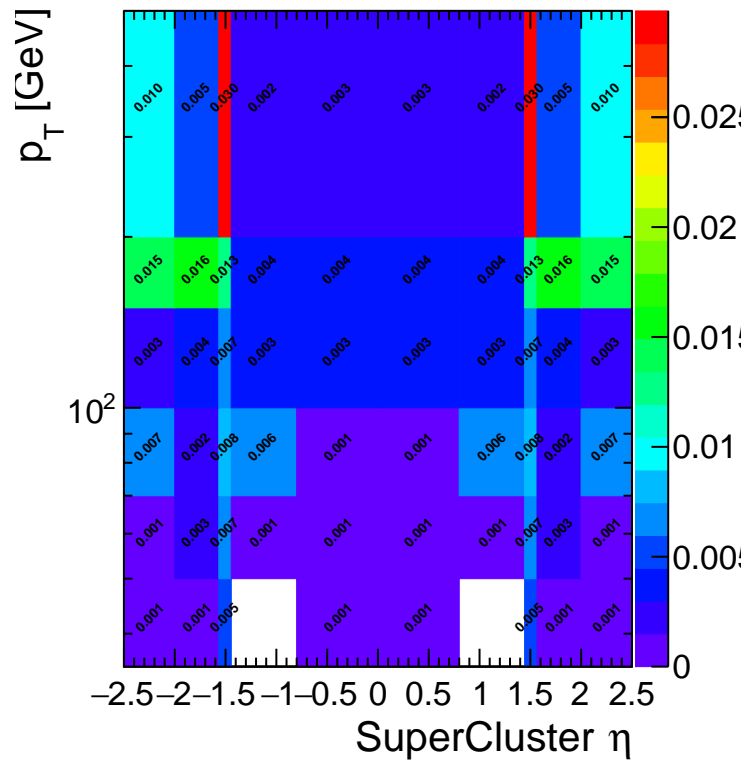
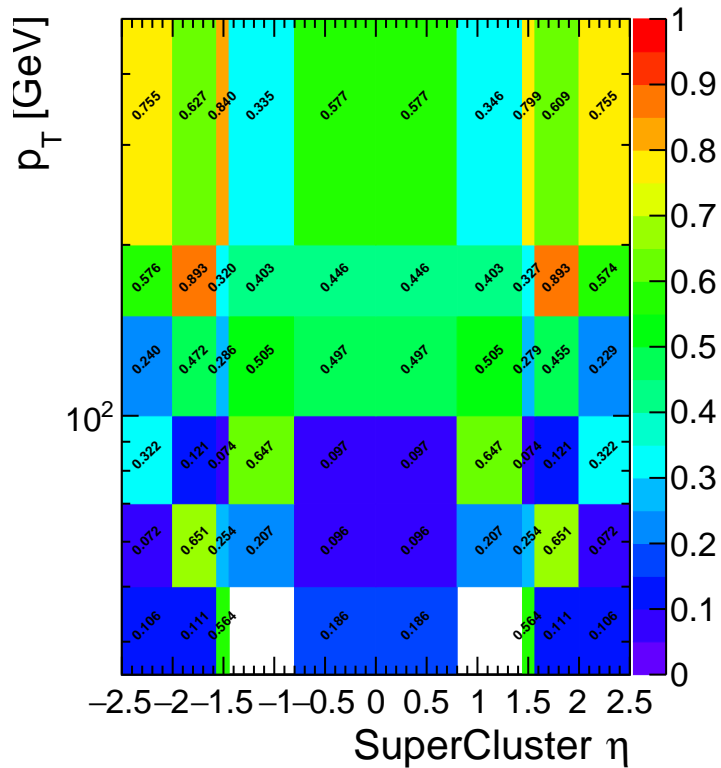


$e/\gamma$  absolute SF syst: altSignalModel



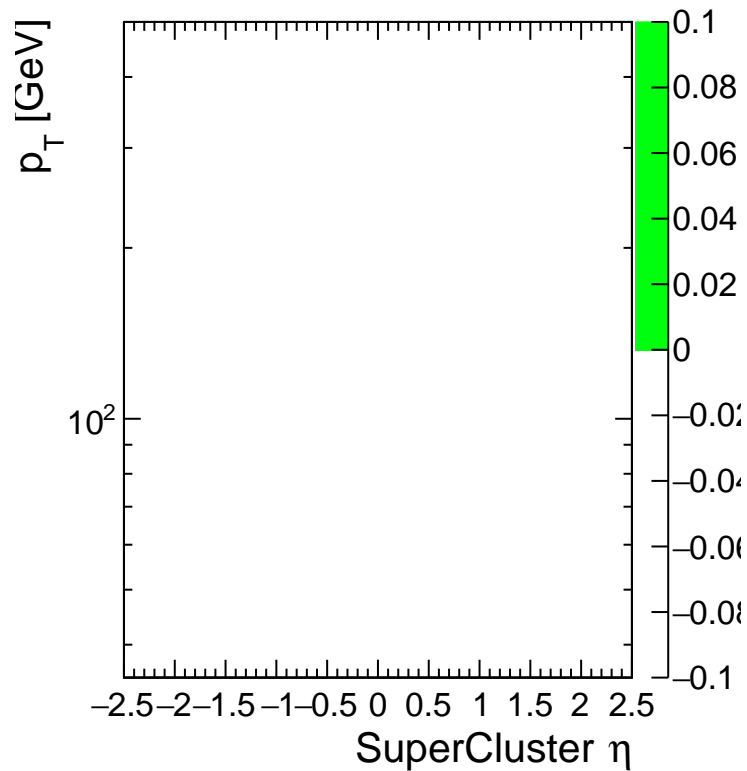
$e/\gamma$  relative SF syst: altSignalModel



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



$e/\gamma$  absolute SF syst: altTagSelection



$e/\gamma$  relative SF syst: altTagSelection

