

+4.8 fb<sup>-1</sup> (13 TeV)

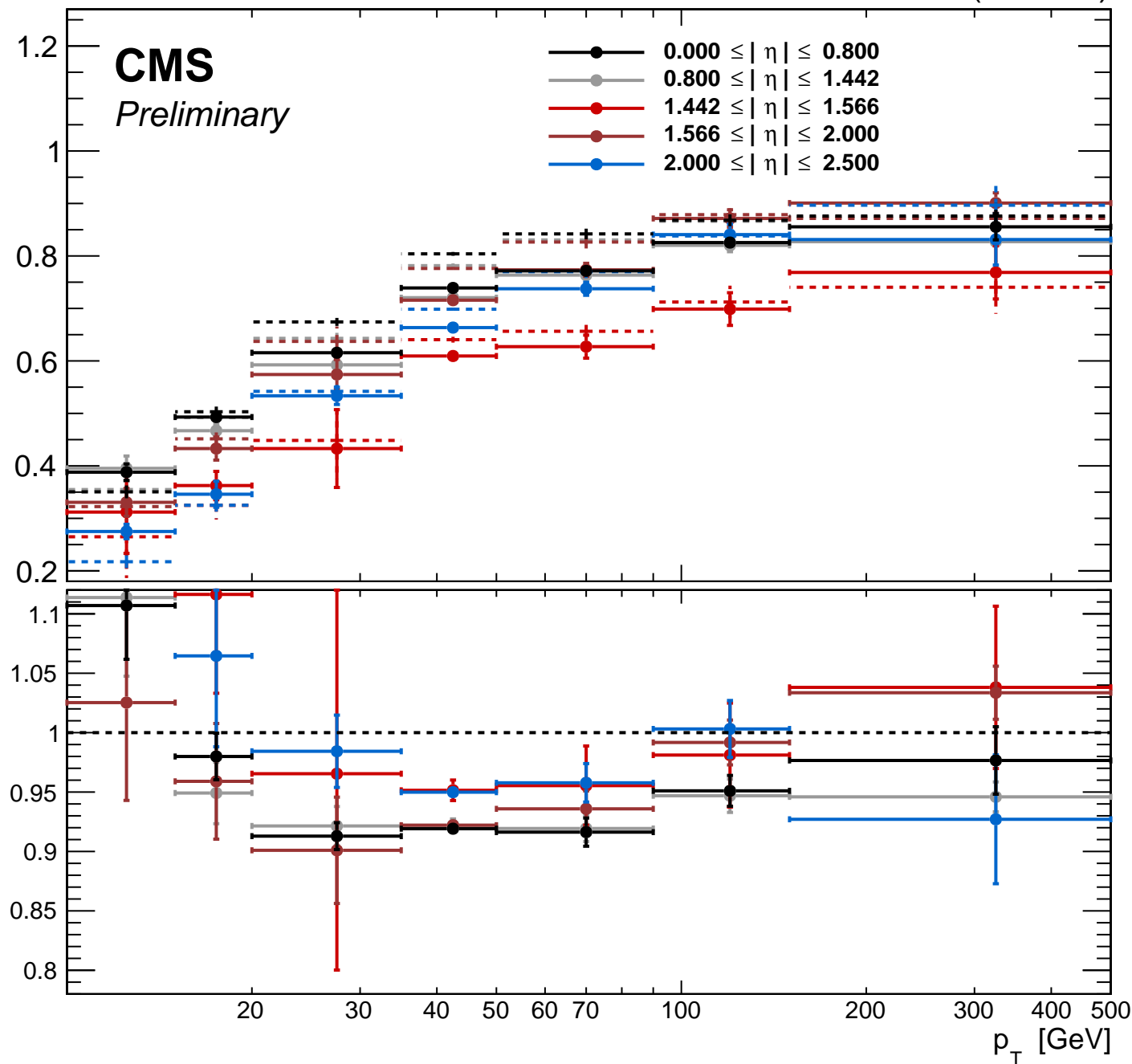
Data efficiency

**CMS**

*Preliminary*

- $0.000 \leq |\eta| \leq 0.800$
- $0.800 \leq |\eta| \leq 1.442$
- $1.442 \leq |\eta| \leq 1.566$
- $1.566 \leq |\eta| \leq 2.000$
- $2.000 \leq |\eta| \leq 2.500$

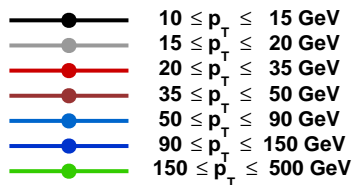
Data / MC



+4.8 fb<sup>-1</sup> (13 TeV)

Data efficiency

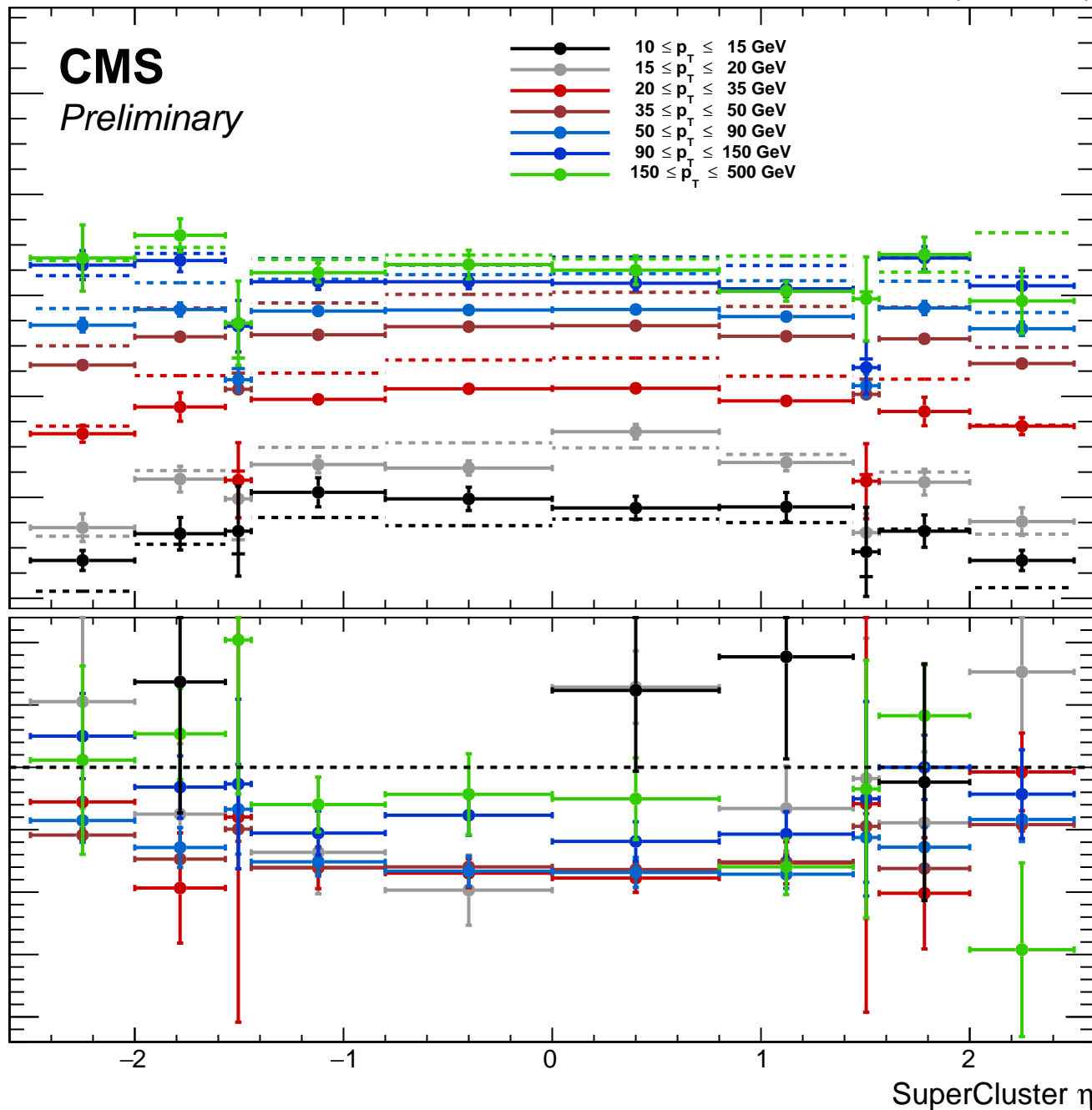
**CMS**  
*Preliminary*

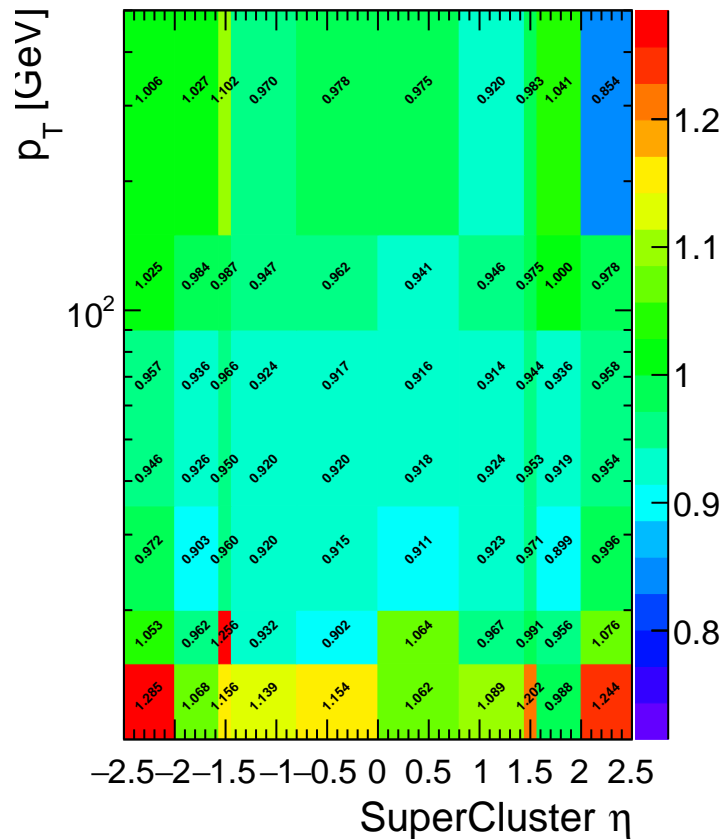
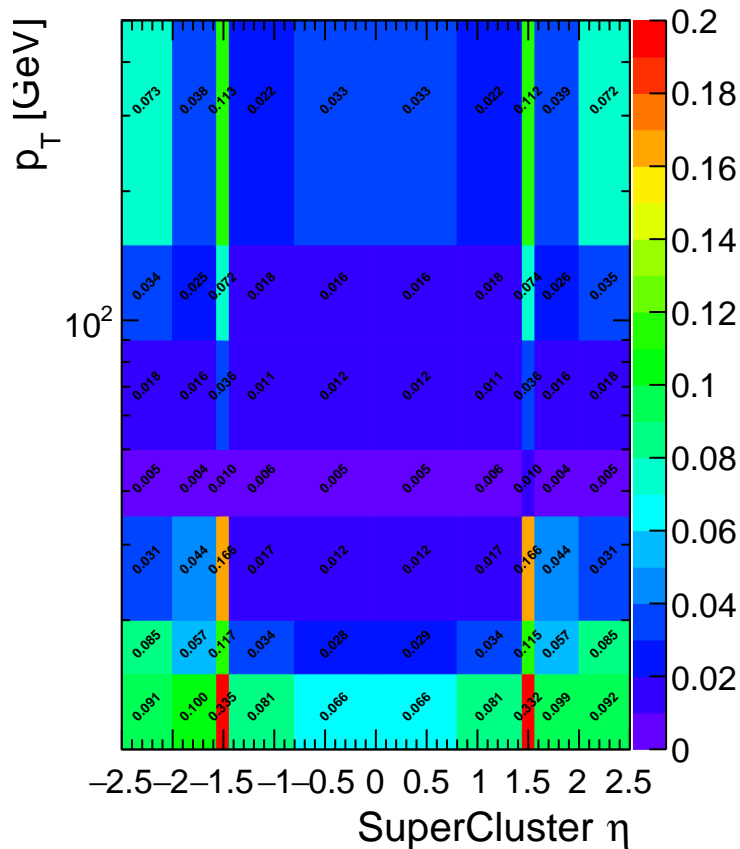


1.2  
1  
0.8  
0.6  
0.4  
0.2

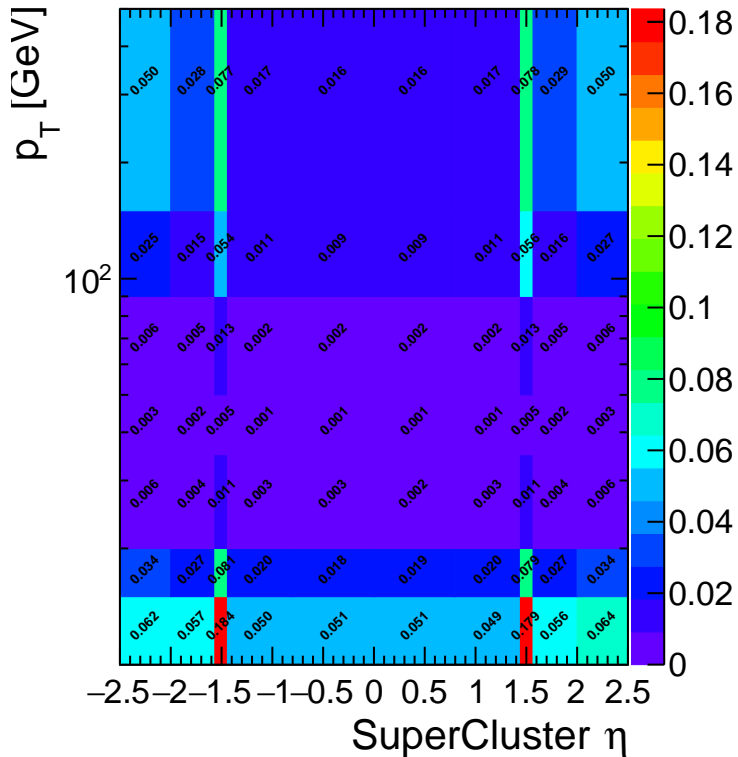
Data / MC

1.1  
1.05  
1  
0.95  
0.9  
0.85  
0.8

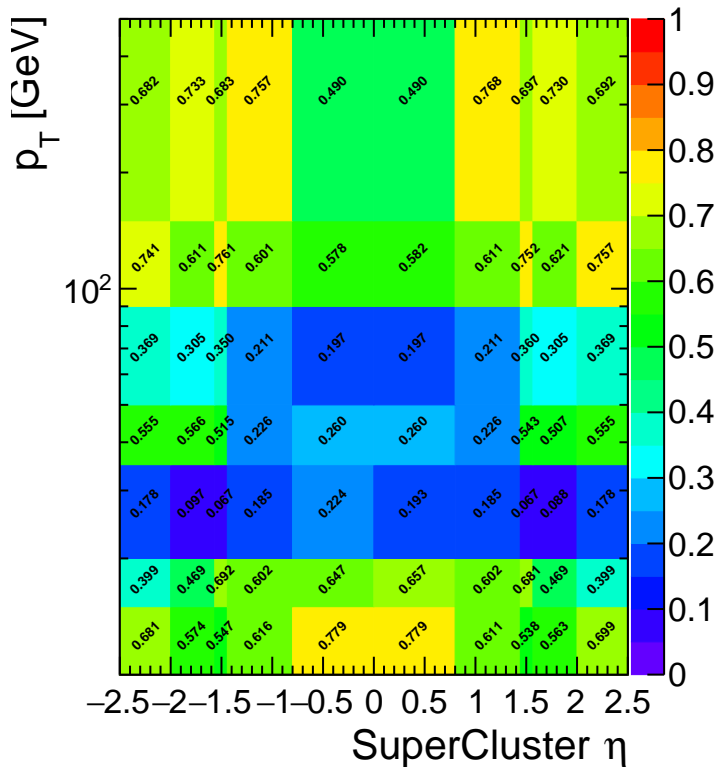


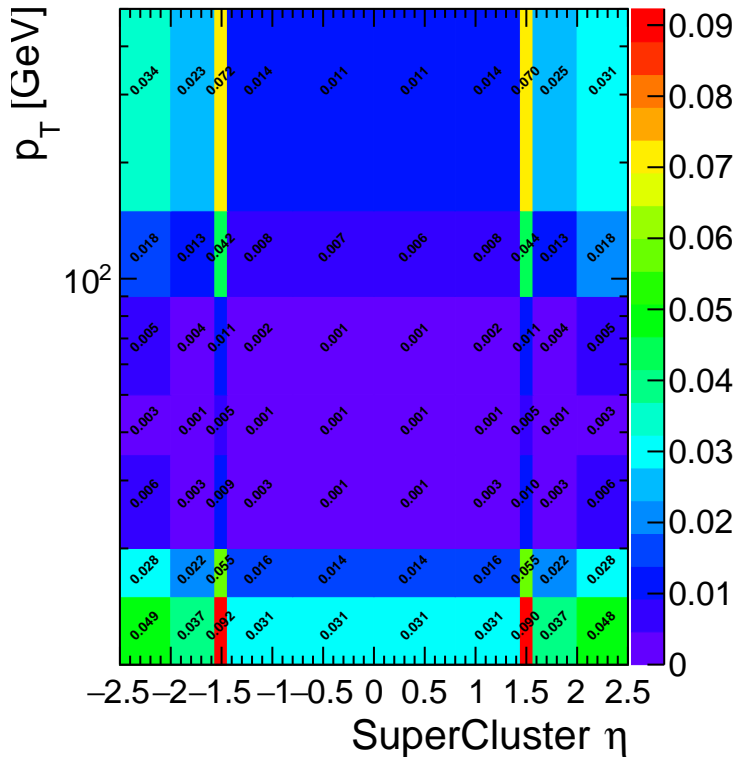
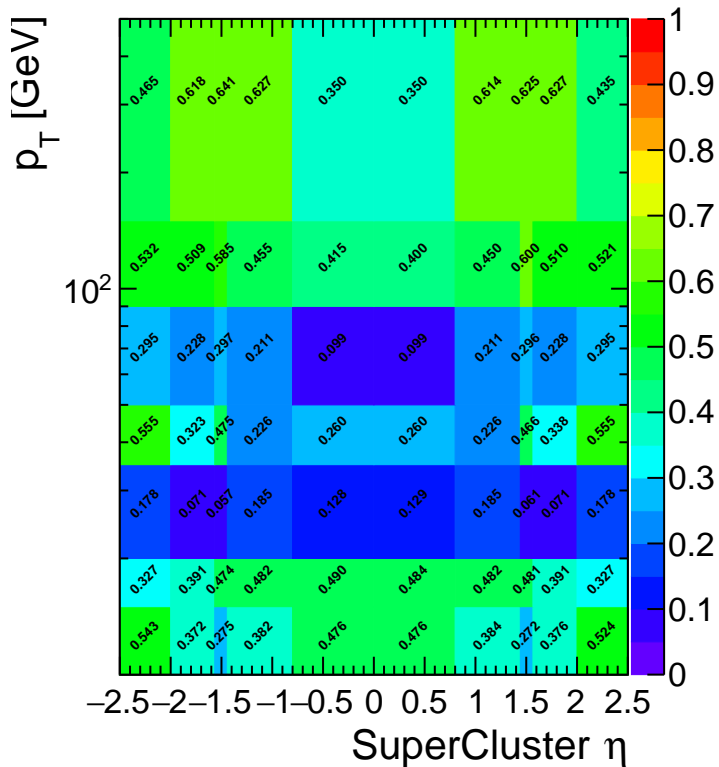
**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

$e/\gamma$  absolute SF syst: statData

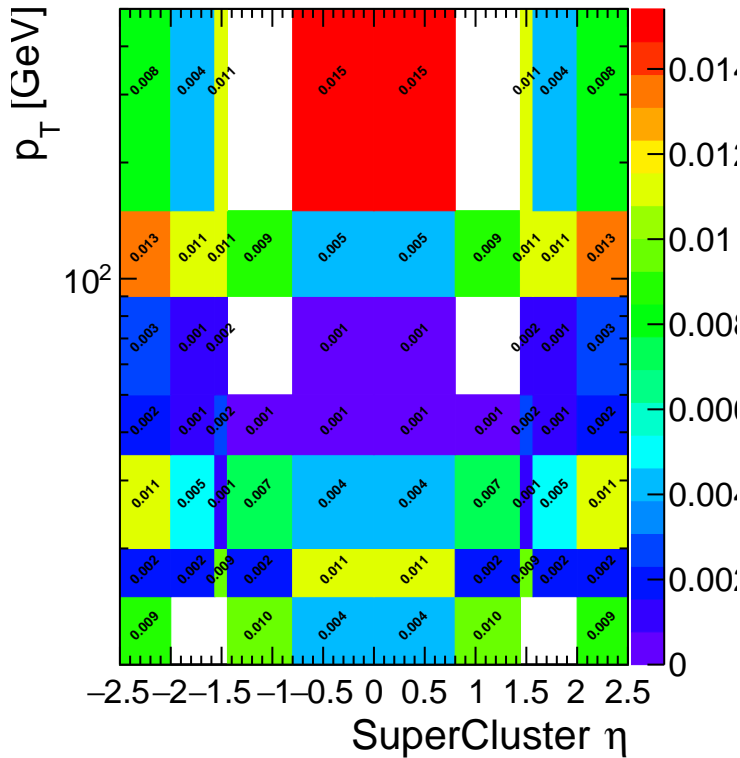


$e/\gamma$  relative SF syst: statData

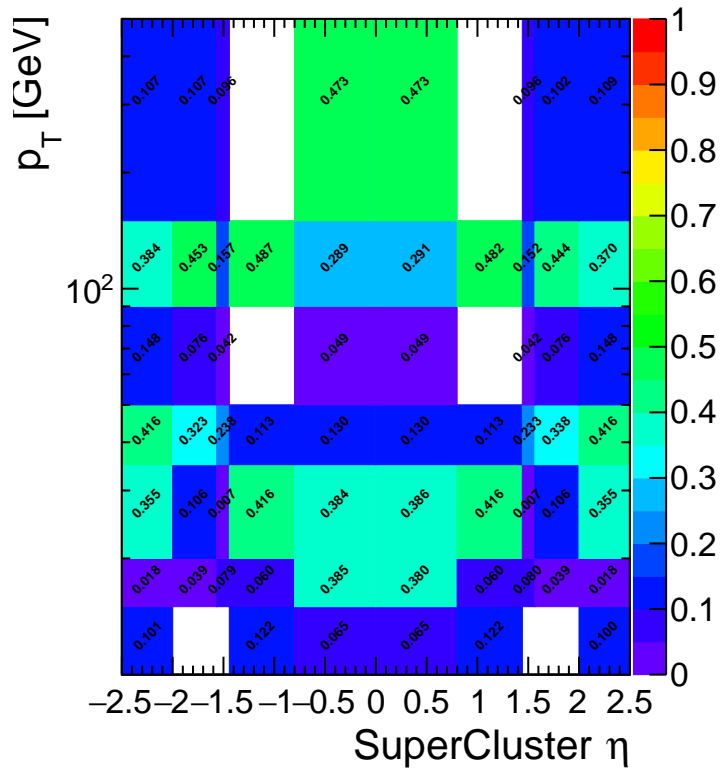


**$e/\gamma$  absolute SF syst: statMC** **$e/\gamma$  relative SF syst: statMC**

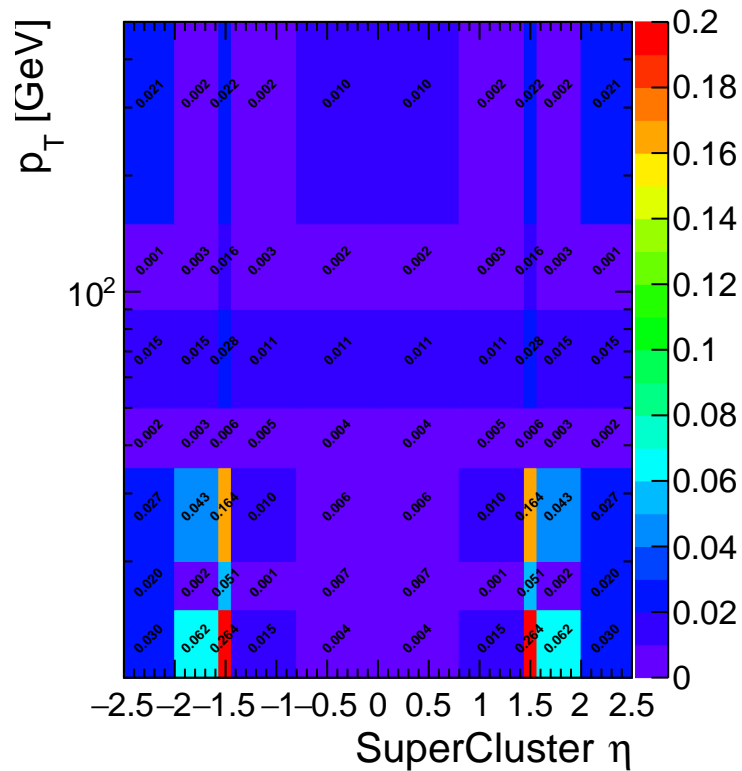
$e/\gamma$  absolute SF syst: altBkgModel



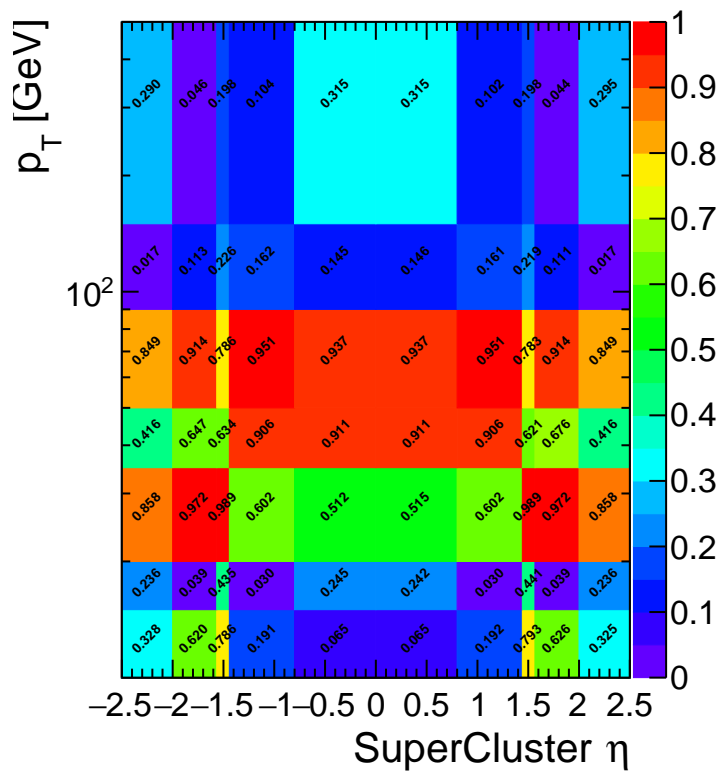
$e/\gamma$  relative SF syst: altBkgModel

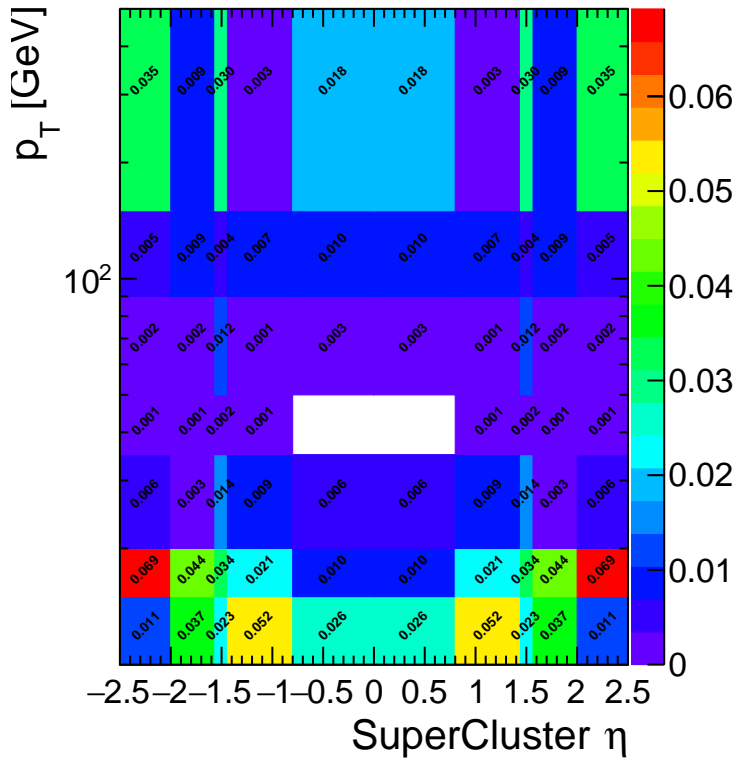
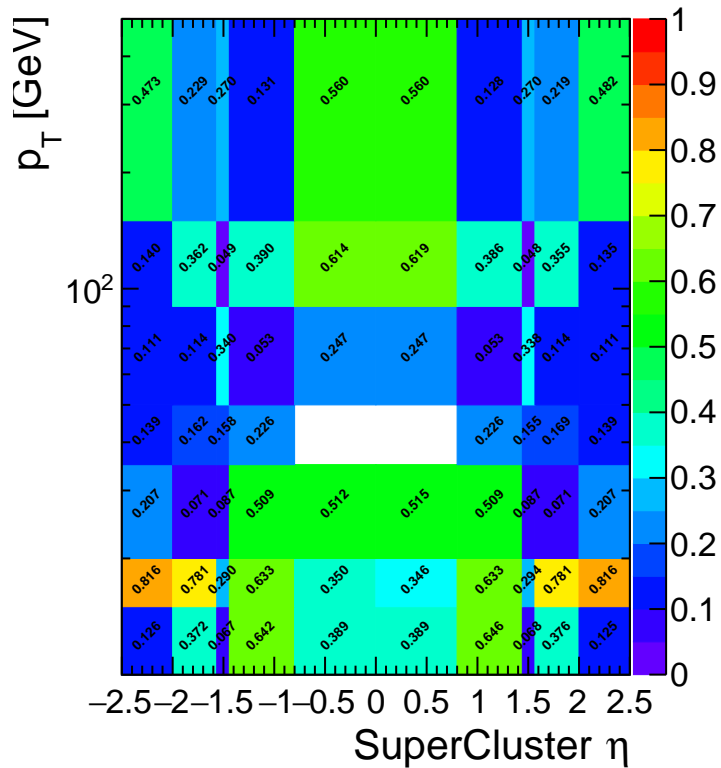


$e/\gamma$  absolute SF syst: altSignalModel



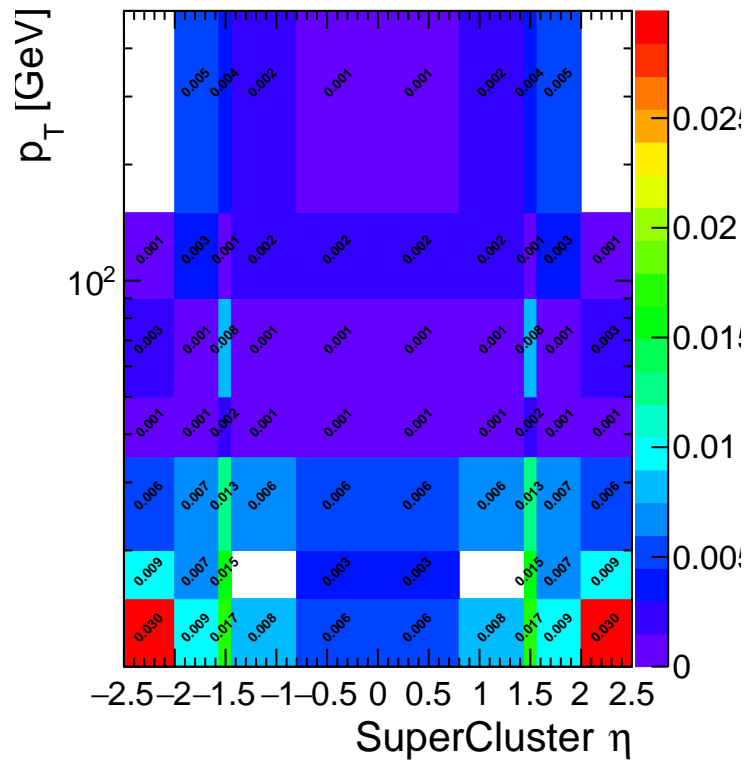
$e/\gamma$  relative SF syst: altSignalModel



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



$e/\gamma$  absolute SF syst: altTagSelection



$e/\gamma$  relative SF syst: altTagSelection

