

+59.7 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**

*Preliminary*

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

1.2

1.0

0.8

0.6

0.4

0.2

Data / MC

1.5

1.4

1.3

1.2

1.1

1.0

0.9

0.8

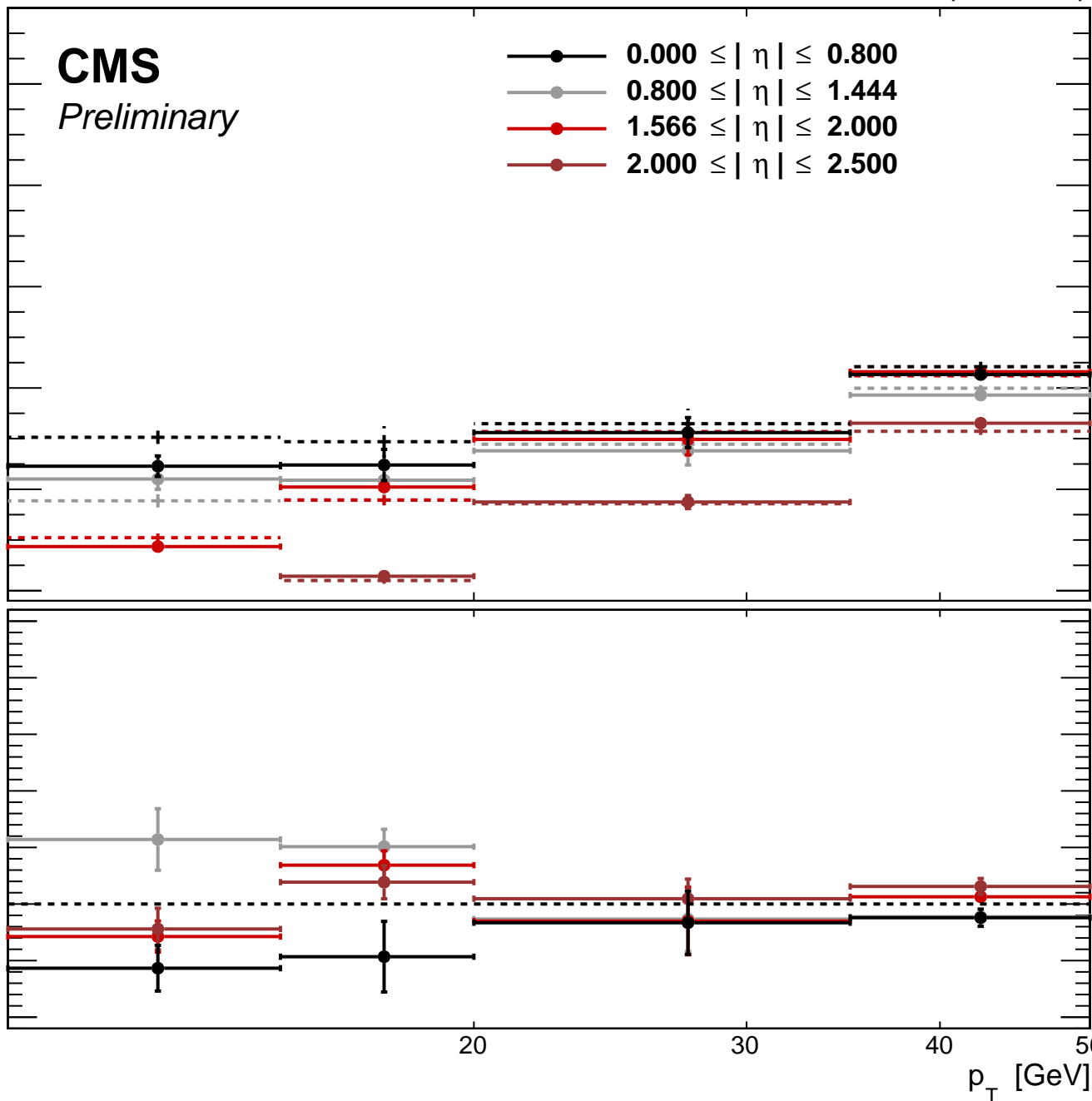
20

30

40

50

p<sub>T</sub> [GeV]

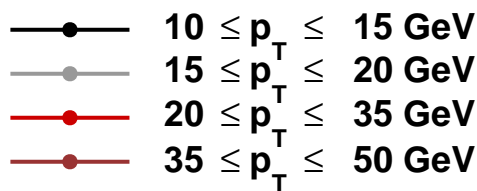


+59.7 fb<sup>-1</sup> (13 TeV)

Data efficiency

**CMS**

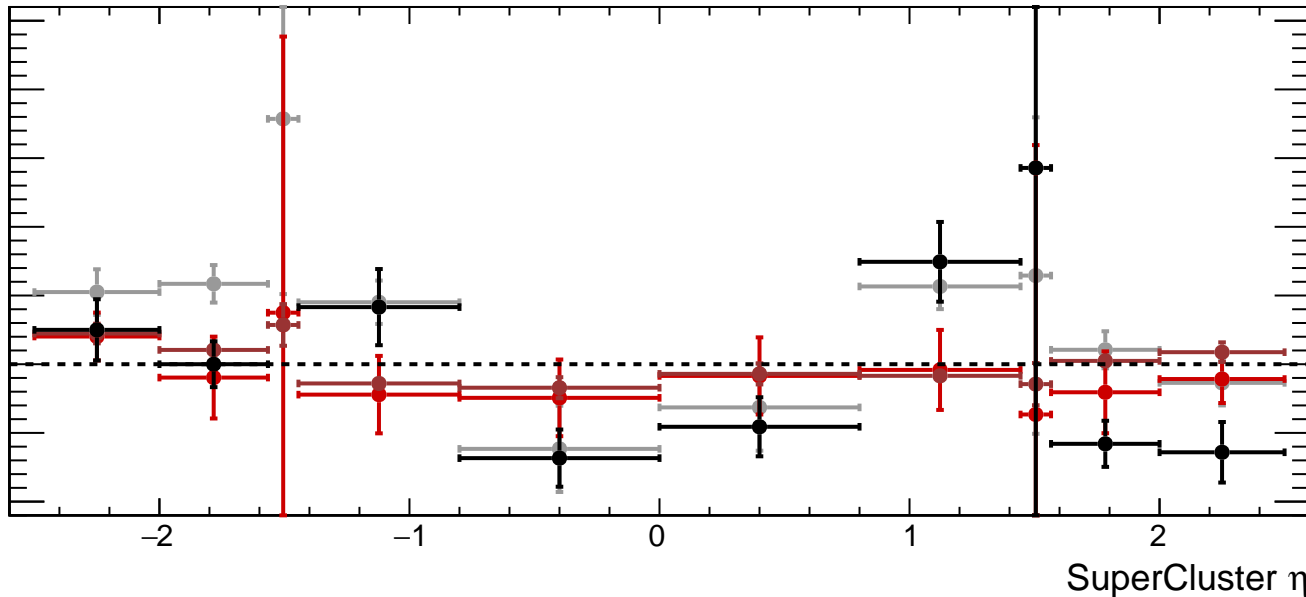
*Preliminary*



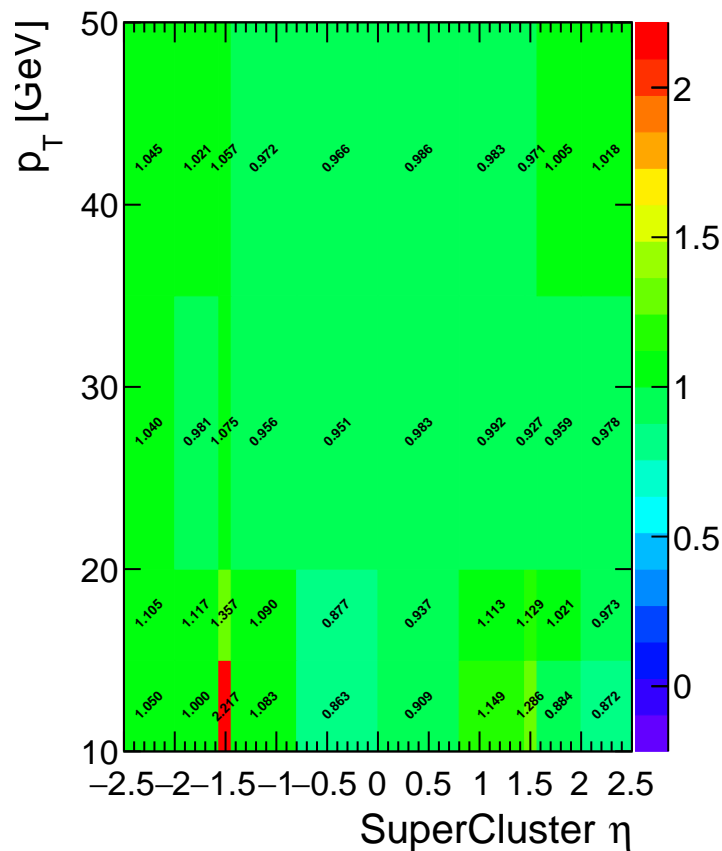
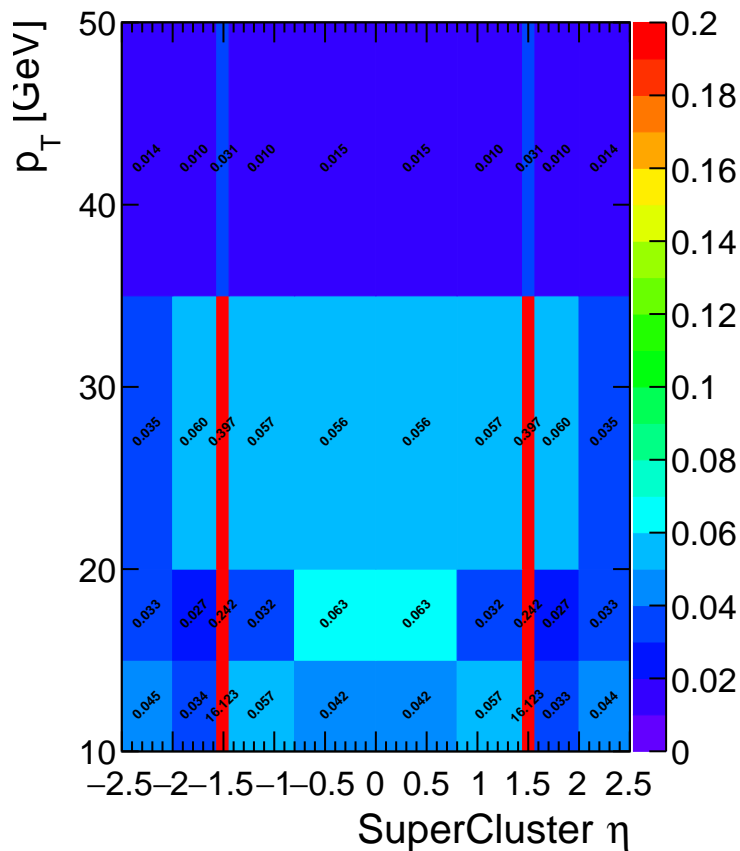
1.2  
1  
0.8  
0.6  
0.4  
0.2

Data / MC

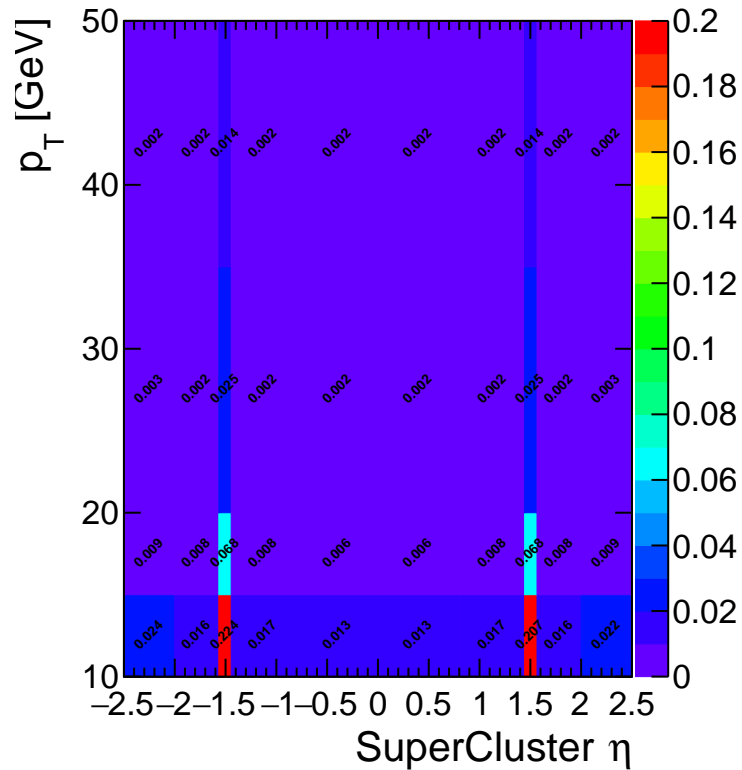
1.5  
1.4  
1.3  
1.2  
1.1  
1  
0.9  
0.8



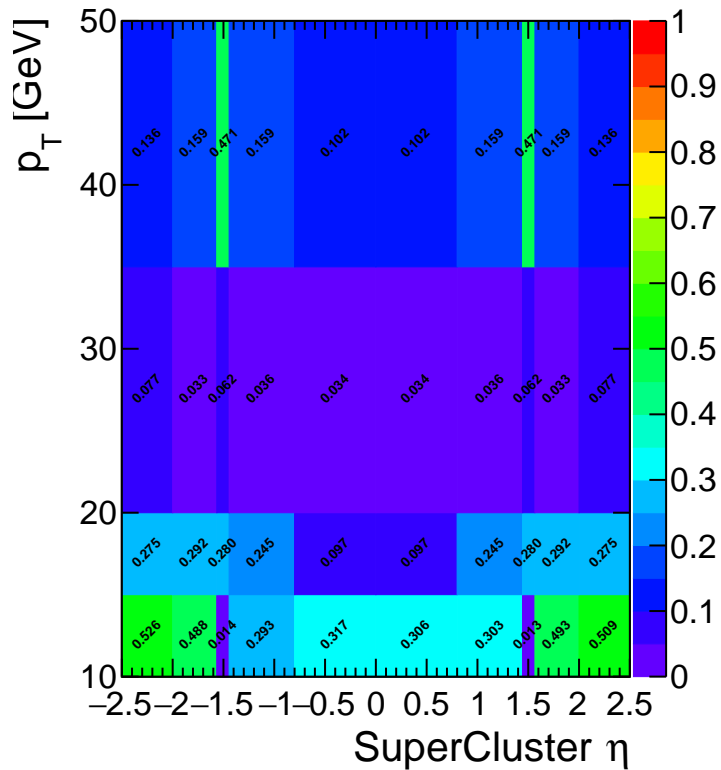
SuperCluster  $\eta$

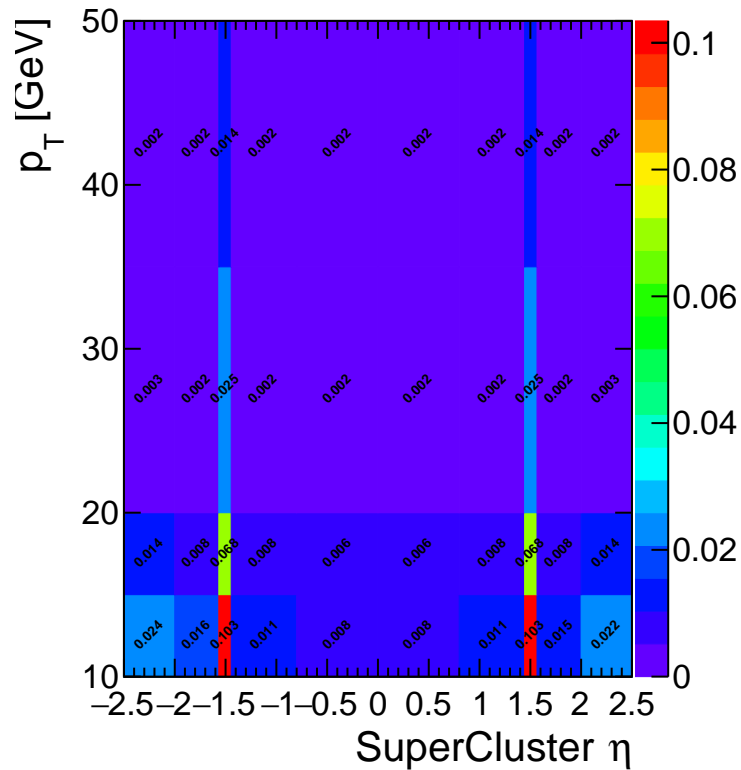
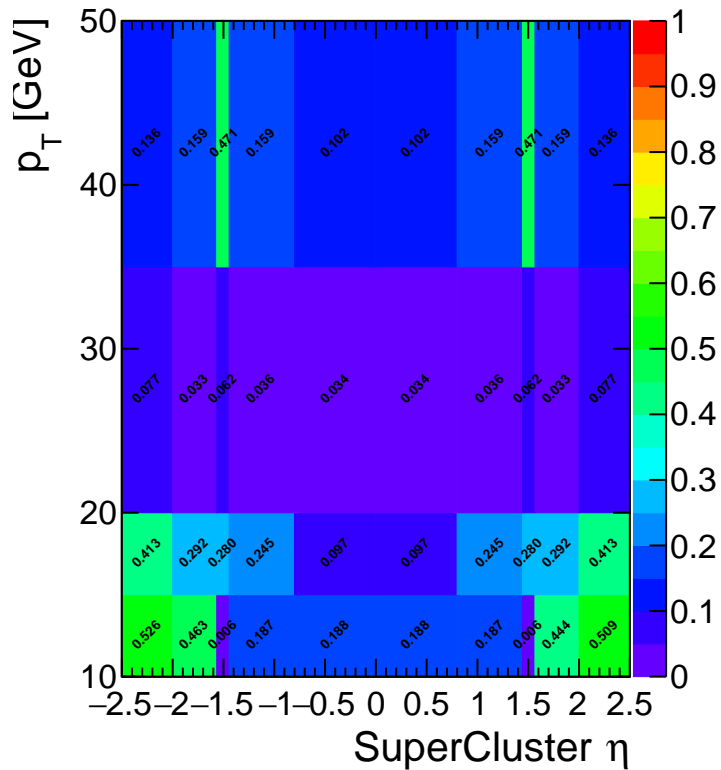
**$e/\gamma$  scale factors** **$e/\gamma$  uncertainties**

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

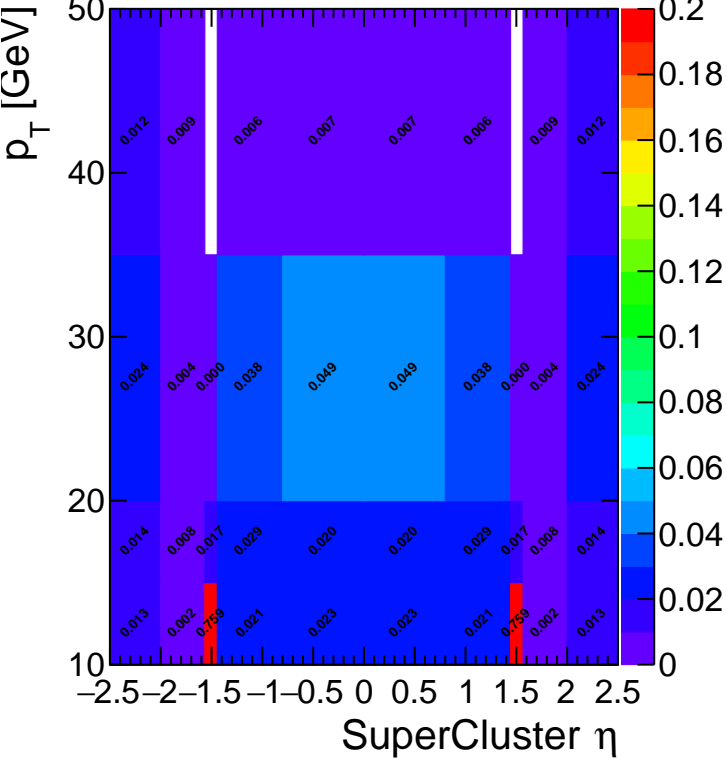


**$e/\gamma$  relative SF syst: statData**

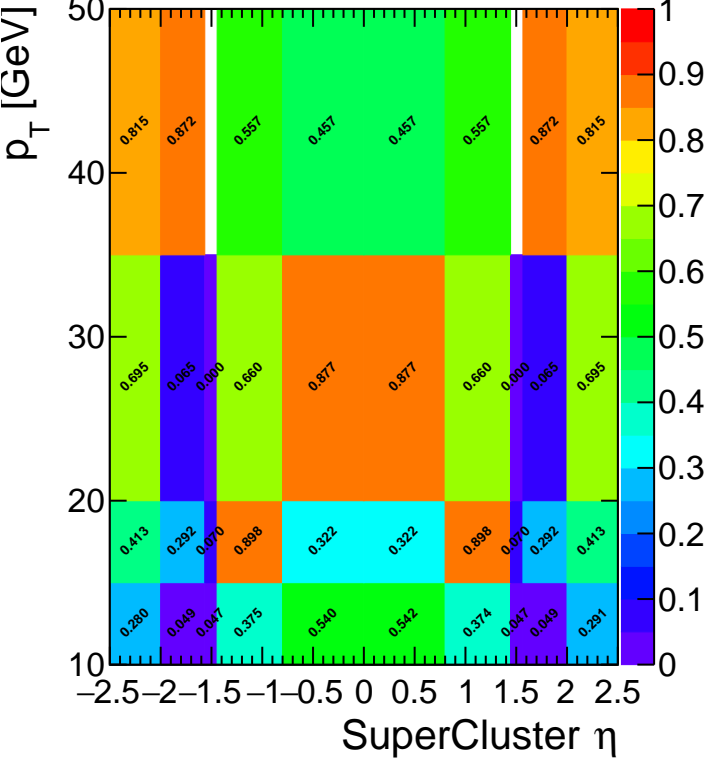


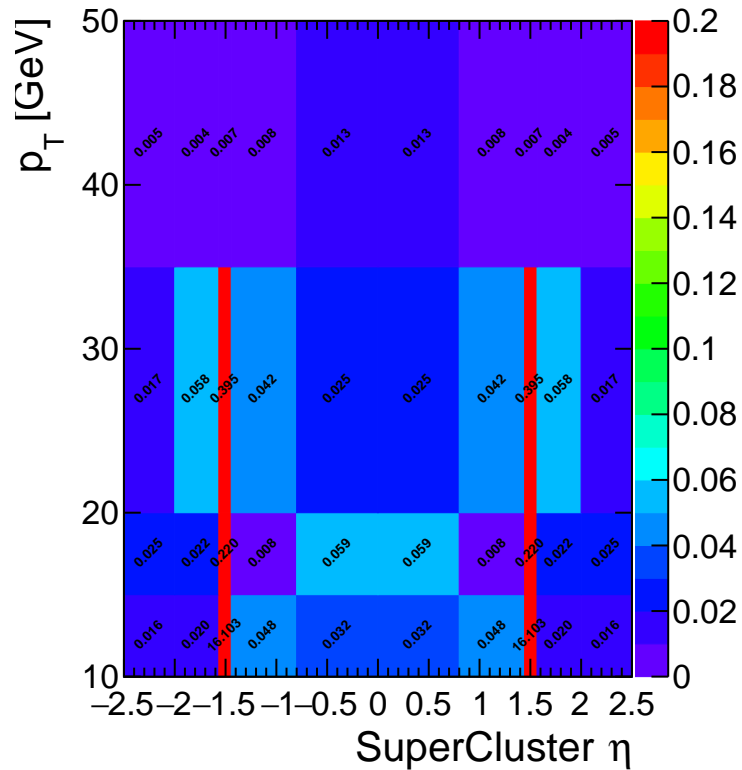
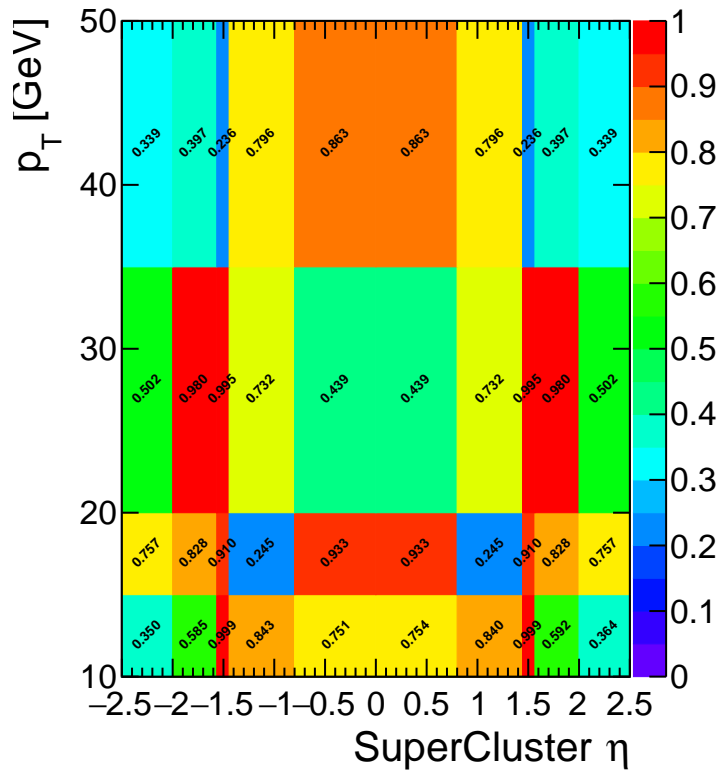
**$e/\gamma$  absolute SF syst: statMC** **$e/\gamma$  relative SF syst: statMC**

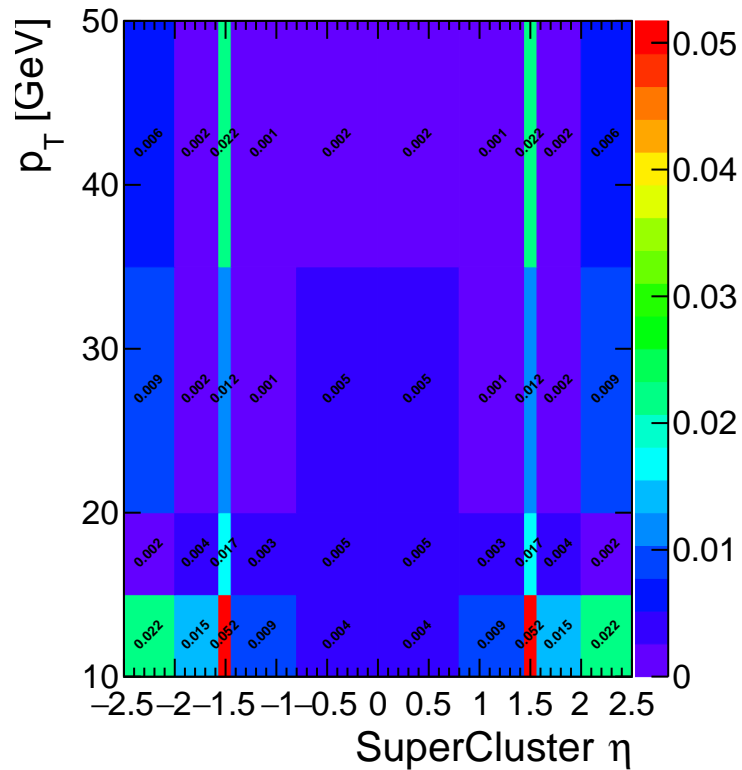
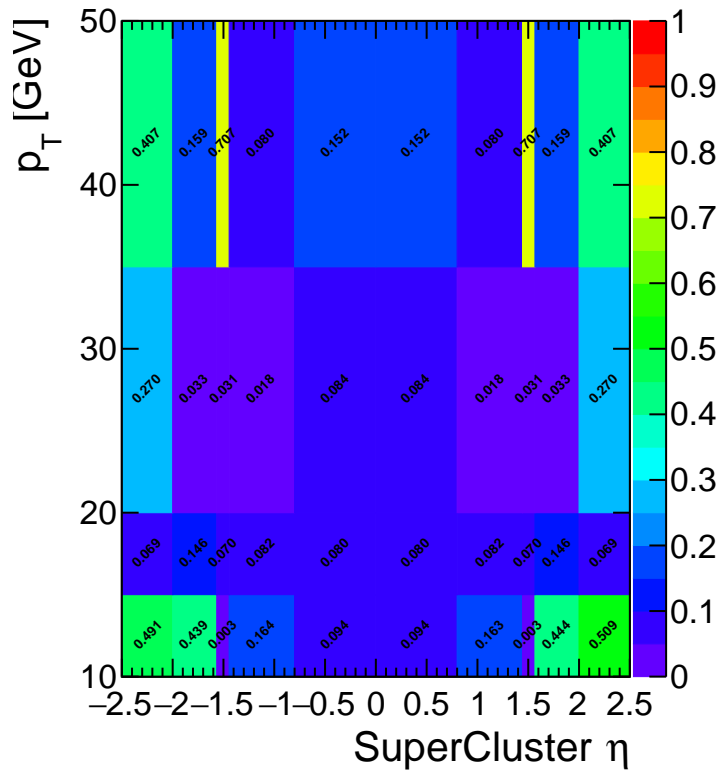
|  |
|--|
| <b><math>e/\gamma</math> absolute SF syst: altBkgModel</b> |
|--|



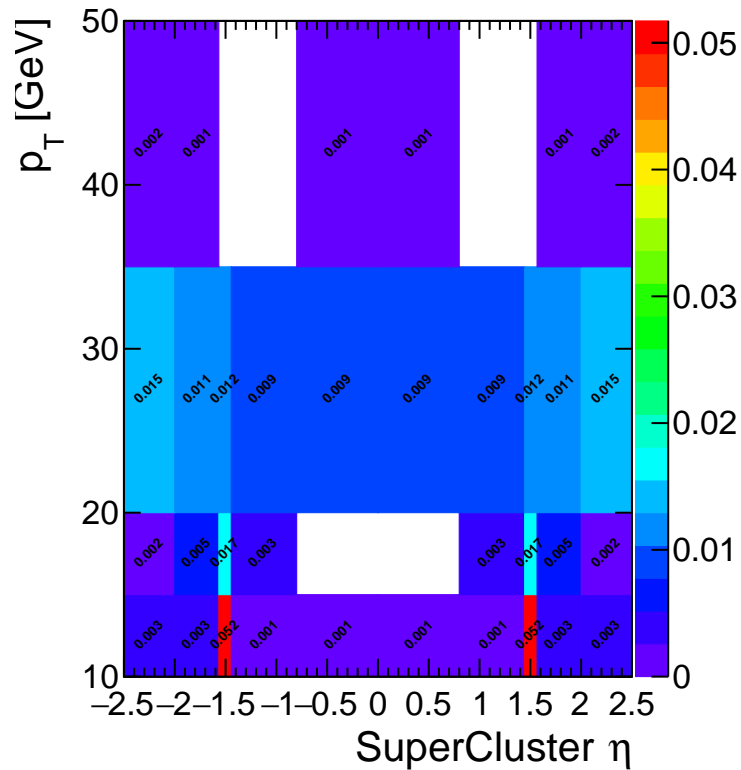
**e/ $\gamma$  relative SF syst: altBkgModel**



**$e/\gamma$  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**