

Data/MC ratio for JER

**CMS**

19.7 fb<sup>-1</sup> (8 TeV) + 5.1 fb<sup>-1</sup> (7 TeV)

Anti-k<sub>T</sub> (R=0.5) PF+CHS Jets



**5.1 fb<sup>-1</sup> (7 TeV)  $\gamma$ +jet**



**19.7 fb<sup>-1</sup> (8 TeV)  $\gamma$ +jet**

