

$19.7 \text{ fb}^{-1} (8 \text{ TeV}) + 5.1 \text{ fb}^{-1} (7 \text{ TeV})$

Combined

$$\mu = 1.00 \pm 0.13$$

$H \rightarrow bb$  (VH tag)

$H \rightarrow bb$  (ttH tag)

$H \rightarrow \gamma\gamma$  (untagged)

$H \rightarrow \gamma\gamma$  (VBF tag)

$H \rightarrow \gamma\gamma$  (VH tag)

$H \rightarrow \gamma\gamma$  (ttH tag)

$H \rightarrow WW$  (0/1 jet)

$H \rightarrow WW$  (VBF tag)

$H \rightarrow WW$  (VH tag)

$H \rightarrow WW$  (ttH tag)

$H \rightarrow \tau\tau$  (0/1 jet)

$H \rightarrow \tau\tau$  (VBF tag)

$H \rightarrow \tau\tau$  (VH tag)

$H \rightarrow \tau\tau$  (ttH tag)

$H \rightarrow ZZ$  (0/1 jet)

$H \rightarrow ZZ$  (2 jets)

**CMS**

Preliminary

$m_H = 125 \text{ GeV}$

