

Events

**CMS** Preliminary $L = 3.7 \text{ fb}^{-1}$  (13 TeV, 2016)**Light Jets CR** $t\bar{t}H(\gamma\gamma)$  $Z/\gamma^* + \text{Jets}$  $\gamma + \text{Jets}$  $\gamma\gamma + \text{Jets}$ 

QCD

 $\dagger$  Data ( $3.7 \text{ fb}^{-1}$ )

Stat. Uncertainty

VBF  $H(\gamma\gamma)$ VH( $\gamma\gamma$ )ggH( $\gamma\gamma$ )

Data/MC

SubLeading Photon  $\gamma$ MVA discriminant