







$H \rightarrow \gamma\gamma$
 $|\eta^j| < 2.5$
 $p_T^j > 30 \text{ GeV}$

-  MADGRAPH5_aMC@NLO, NNLOPS ggH + HX
 -  MADGRAPH5_aMC@NLO ggH + HX
 -  POWHEG ggH + HX
 -  HX = MADGRAPH5_aMC@NLO VBF+VH+ttH
 -  Data, stat \oplus syst unc.
 -  syst unc.
- p-value(SM): 0.688

