







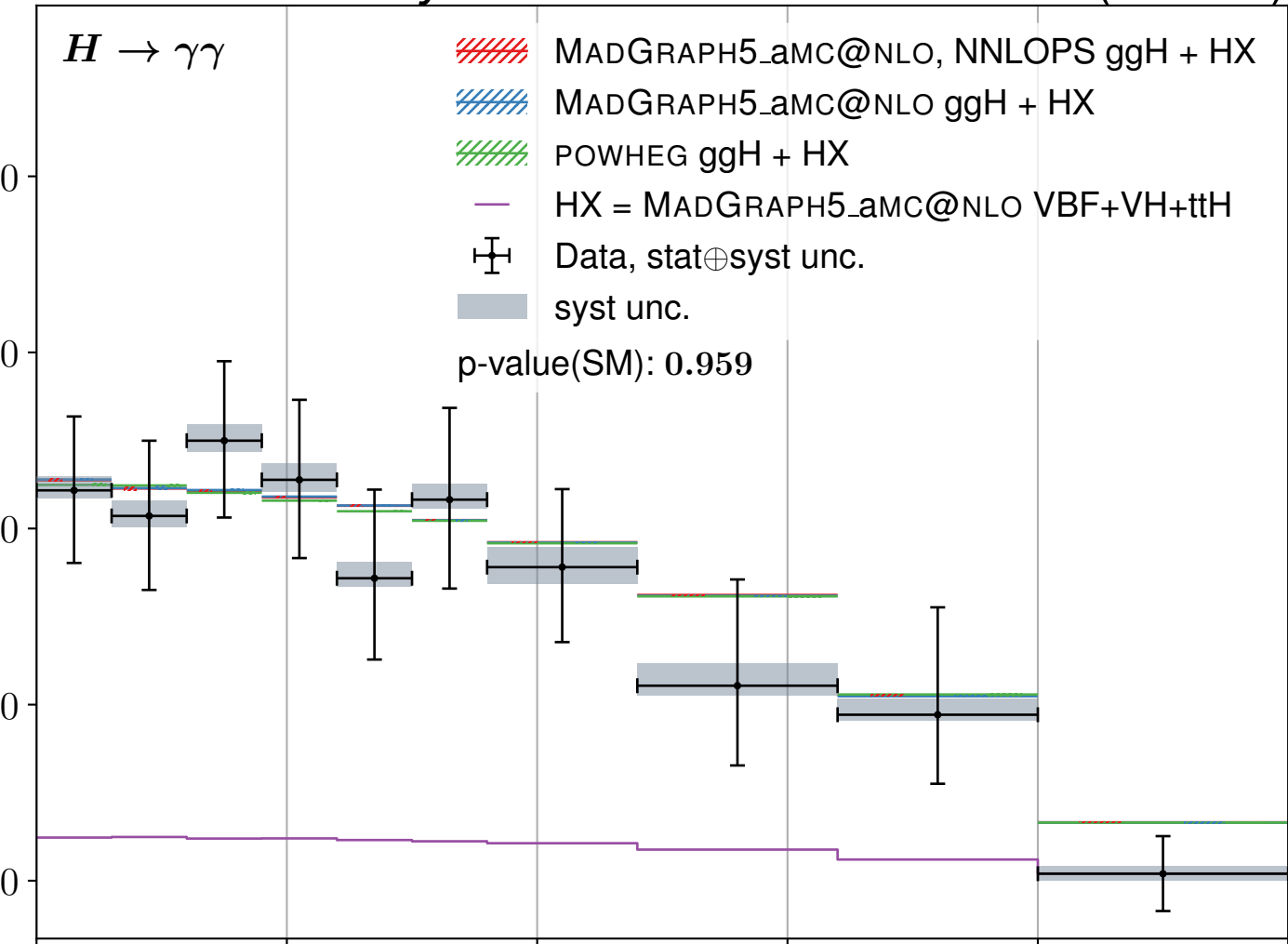
$H \rightarrow \gamma\gamma$

-  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): 0.959

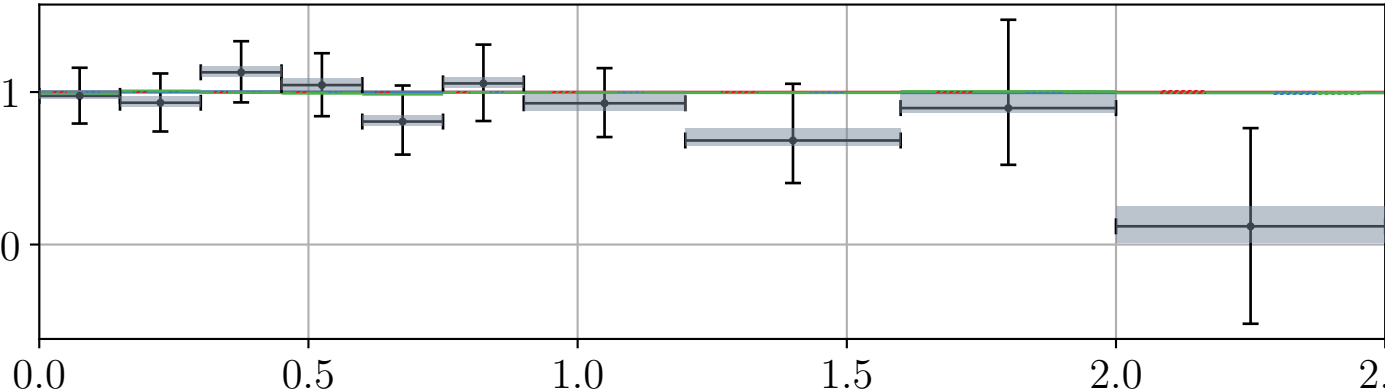
$\Delta\sigma_{fid}/\Delta|y^{\gamma\gamma}|(\text{fb})$

80
60
40
20
0



Ratio to prediction

1.0
0.0



$|y^{\gamma\gamma}|$