


$\text{H} \rightarrow \gamma\gamma$


$|\eta^{j_i}| < 4.7$

$p_{\text{T}}^{j_i} > 30 \text{ GeV}$


 MADGRAPH5_amc@NLO, NNLOPS ggH + HX

 MADGRAPH5_amc@NLO ggH + HX

 POWHEG ggH + HX

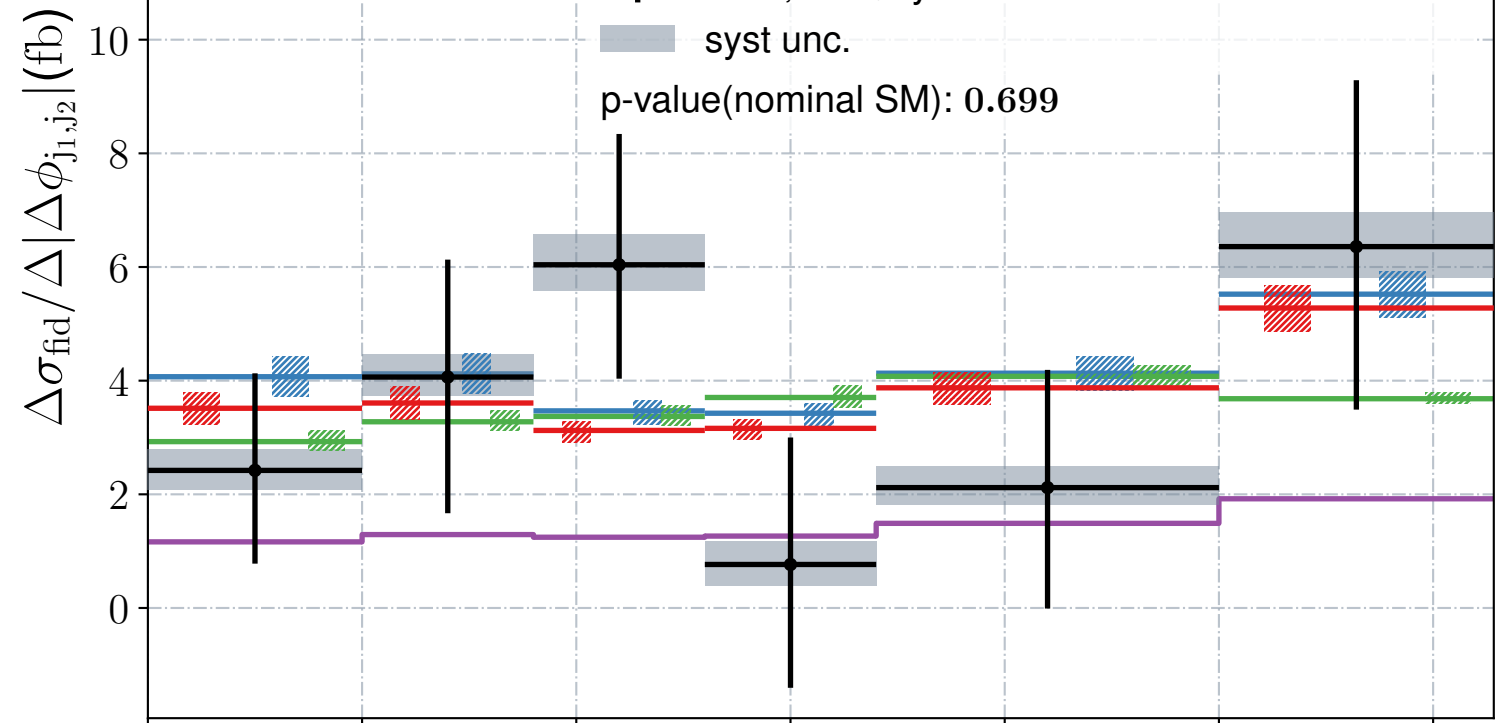
 HX = MADGRAPH5_amc@NLO VBF+VH+ttH

 Data, stat \oplus syst unc.

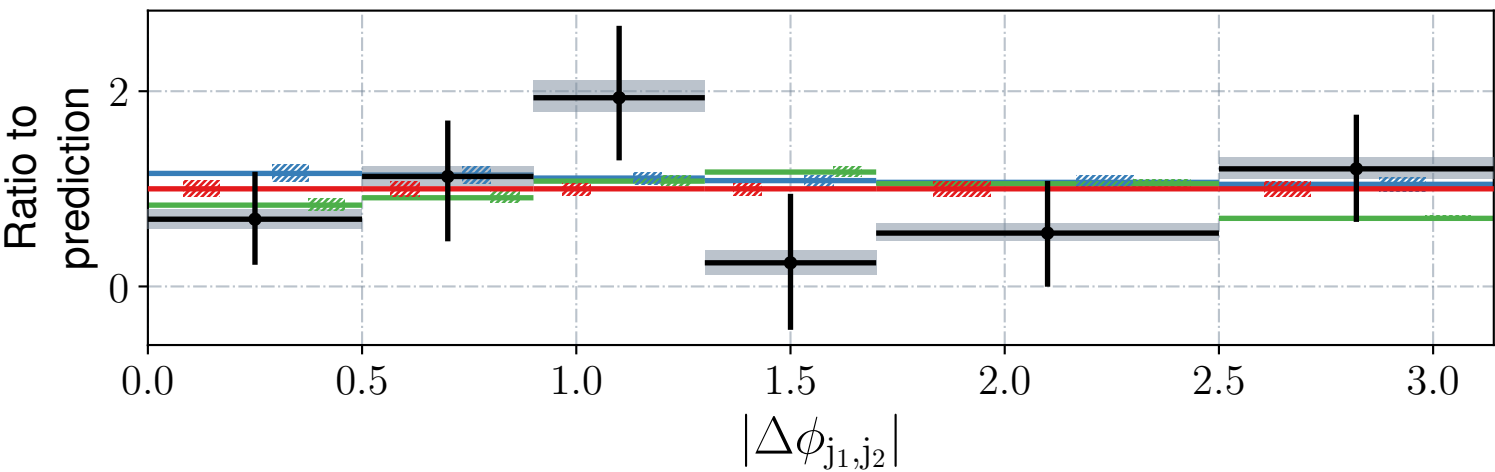
 syst unc.

p-value(nominal SM): 0.699

$\Delta\sigma_{\text{fid}} / \Delta|\Delta\phi_{j_1, j_2}| \text{ (fb)}$



Ratio to prediction



$|\Delta\phi_{j_1, j_2}|$