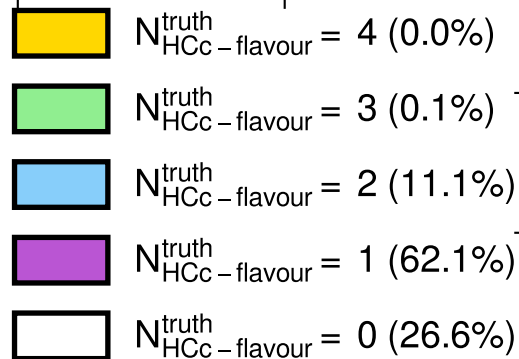


**ATLAS** Simulation Internal $\sqrt{s} = 13 \text{ TeV}, 126 \text{ fb}^{-1}$ 

3b + 1 fail ggF Signal Region

 $N_{\text{HCC-flavour}}^{\text{truth}} < 3$ 

30000

25000

20000

15000

10000

5000

0

400

600

800

1000

1200

 $m_{\text{HH}} [\text{GeV}]$