

Truth *m_{hh}*: 375 GeV

Truth higgses:

$$p_T = 190.26 \text{ GeV}, \ \eta = 1.43, \ \phi = -3.11$$

 $p_T = 80.40 \text{ GeV}, \ \eta = 1.04, \ \phi = -0.44$

Truth b-quarks:

$$p_T = 113.26 \text{ GeV}, \eta = 1.72, \phi = -2.80$$

$$p_T = 88.74 \text{ GeV}, \eta = 0.72, \phi = 2.79$$

$$p_T = 83.81 \text{ GeV}, \ \eta = 1.04, \ \phi = 0.12$$

$$p_T = 45.62 \text{ GeV}, \, \eta = -0.08, \, \phi = -1.81$$

Reco Jets:

$$p_T = 108.61 \text{ GeV}, \, \eta = -1.19, \, \phi = 0.18, \, \text{DL1r quantile} = 5$$

$$p_T = 102.73 \text{ GeV}, \eta = 1.74, \phi = -2.80, DL1r \text{ quantile} = 5$$

$$p_T = 91.84 \text{ GeV}, \, \eta = 1.05, \, \phi = 0.10, \, \text{DL1r quantile} = 5$$

$$p_T = 70.75$$
 GeV, $\eta = 0.71$, $\phi = 2.79$, DL1r quantile = 5

$$p_T = 44.47 \text{ GeV}, \eta = -0.05, \phi = -1.80, DL1r \text{ quantile} = 5$$

Passed trigger: True mc evt weight: 0.031