

Truth *m_{hh}*: 531 GeV

Truth higgses:

$$p_T = 267.78 \text{ GeV}, \ \eta = 1.25, \ \phi = 3.11$$

 $p_T = 217.77 \text{ GeV}, \ \eta = 0.80, \ \phi = -0.76$

Truth b-quarks:

$$p_T = 159.00 \text{ GeV}, \ \eta = 0.40, \ \phi = -0.58$$
 $p_T = 156.52 \text{ GeV}, \ \eta = 1.40, \ \phi = -2.85$
 $p_T = 129.36 \text{ GeV}, \ \eta = 0.89, \ \phi = 2.72$
 $p_T = 67.66 \text{ GeV}, \ \eta = 1.40, \ \phi = -1.19$

Reco Jets:

$$p_T = 156.99 \text{ GeV}, \ \eta = 0.88, \ \phi = 2.72, \ \text{DL1r quantile} = 5$$
 $p_T = 134.13 \text{ GeV}, \ \eta = 0.40, \ \phi = -0.59, \ \text{DL1r quantile} = 5$
 $p_T = 160.75 \text{ GeV}, \ \eta = 1.30, \ \phi = -2.92, \ \text{DL1r quantile} = 5$
 $p_T = 106.83 \text{ GeV}, \ \eta = 1.55, \ \phi = 0.34, \ \text{DL1r quantile} = 5$
 $p_T = 71.90 \text{ GeV}, \ \eta = 1.42, \ \phi = -1.19, \ \text{DL1r quantile} = 5$

Passed trigger: True mc evt weight: 0.031