

Truth *m_{hh}*: 528 GeV

Truth higgses:

$$p_T = 209.50 \text{ GeV}, \ \eta = -1.59, \ \phi = 2.57$$

 $p_T = 196.32 \text{ GeV}, \ \eta = -0.50, \ \phi = 0.03$

$$p_T = 137.12 \text{ GeV}, \eta = -1.04, \phi = 2.49$$

$$p_T = 122.74 \text{ GeV}, \eta = -0.09, \phi = 0.41$$

$$p_T = 94.10 \text{ GeV}, \eta = -0.85, \phi = -0.47$$

$$p_T = 73.53 \text{ GeV}, \ \eta = -2.19, \ \phi = 2.71$$

Reco Jets:

$$p_T$$
 = 118.16 GeV, η = -1.05, ϕ = 2.52, DL1r quantile = 1

$$p_T = 129.55 \text{ GeV}, \ \eta = -0.10, \ \phi = 0.41, \ \text{DL1r quantile} = 5$$

$$p_T = 81.44 \text{ GeV}, \eta = -0.86, \phi = -0.45, DL1r \text{ quantile} = 5$$

$$p_T = 75.31 \text{ GeV}, \, \eta = -2.19, \, \phi = 2.70, \, \text{DL1r quantile} = 5$$

$$p_T = 64.28 \text{ GeV}, \, \eta = 2.35, \, \phi = -1.62, \, \text{DL1r quantile} = 3$$

Passed trigger: True mc evt weight: 0.031