

Reco $m_{hh} = 323 \text{ GeV}, p_T^{hh} = 57 \text{ GeV}, |\Delta \eta_{hh}| = 0.4$

Reco higgses:

 $p_T = 7.95 \text{ GeV}, \ \eta = 2.41, \ \phi = -0.54, \ m = 128.4 \text{ GeV}$ $p_T = 51.54 \text{ GeV}, \ \eta = 2.76, \ \phi = -1.45, \ m = 98.2 \text{ GeV}$

pairAGraph jets:

$$p_T = 63.36 \text{ GeV}, \ \eta = 0.20, \ \phi = -1.94, \ \text{DL1r quantile} = 1$$

 $p_T = 60.53 \text{ GeV}, \ \eta = 1.84, \ \phi = -0.59, \ \text{DL1r quantile} = 1$
 $p_T = 62.46 \text{ GeV}, \ \eta = 0.48, \ \phi = 1.08, \ \text{DL1r quantile} = 5$
 $p_T = 47.38 \text{ GeV}, \ \eta = 2.23, \ \phi = -2.77, \ \text{DL1r quantile} = 5$