

Reco $m_{hh} = 400 \text{ GeV}, p_T^{hh} = 20 \text{ GeV}, |\Delta \eta_{hh}| = 1.3$

Reco higgses:

$$p_T = 5.10 \text{ GeV}, \ \eta = -2.52, \ \phi = -2.36, \ m = 135.8 \text{ GeV}$$

 $p_T = 23.98 \text{ GeV}, \ \eta = -3.87, \ \phi = 1.51, \ m = 117.7 \text{ GeV}$

pairAGraph jets:

$$p_T = 66.78 \; \text{GeV}, \; \eta = -0.49, \; \phi = -2.01, \; \text{DL1r quantile} = 5$$
 $p_T = 62.01 \; \text{GeV}, \; \eta = 0.04, \; \phi = 1.16, \; \text{DL1r quantile} = 2$ $p_T = 58.94 \; \text{GeV}, \; \eta = -2.08, \; \phi = 2.84, \; \text{DL1r quantile} = 1$ $p_T = 58.04 \; \text{GeV}, \; \eta = -2.47, \; \phi = 0.11, \; \text{DL1r quantile} = 1$ $p_T = 40.54 \; \text{GeV}, \; \eta = 0.51, \; \phi = -2.55, \; \text{DL1r quantile} = 3$ Other jets:

 $p_T = 25.83 \text{ GeV}, \eta = 2.29, \phi = 0.05, \text{ DL1r quantile} = 1.00$