

HH system	H candidates	Jet variables
$M_X, M_{HH},$	$M_{H_1}, M_{H_2}$	$p_{Tj}^{(i=1-4)}, \eta_j^{(i=1-4)},$
$p_T^{H_1H_2}$	$p_T^{H_1}, p_T^{H_2}$	$H_T^{\text{rest}}, H_T$
$\cos \theta_{H_1H_2-H_1}^*$	$\cos \theta_{H_1-j_1}^*$	$CMVA_3, CMVA_4$
	$\Delta R_{jj}^{H_1}, \Delta R_{jj}^{H_2}, \Delta \phi_{jj}^{H_1}, \Delta \phi_{jj}^{H_2}$	