

Category	Subcategory	$n_j$	$n_b$	$n_t$	$n_W$	$\vec{p}_{T,2}^j$ (GeV)	Other
Boosted $t\bar{t}H$	2Boosted1b	$\geq 5$	1		2	$> 80$	—
	2Boosted2b	$\geq 5$	$\geq 2$		2		
	1t1b	$\geq 5$	1	1	0		
	1t2b	$\geq 5$	$\geq 2$	1	0		
	1W1b	$\geq 5$	1	0	1		
	1W2b	$\geq 5$	$\geq 2$	0	1		
Resolved $t\bar{t}H$	5j1b	5	1	0	0	$> 80$	$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_{T,1}^b)  > 1.0,$
	6j1b	$\geq 6$	1	0	0		$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_{T,1}^j)  > \pi/2$
	5j2b	5	$\geq 2$	0	0		$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_{T,1}^b)  > 1.0,$
	6j2b	$\geq 6$	$\geq 2$	0	0		$ \Delta\phi(\vec{p}_T^{\text{miss}}, \vec{p}_{T,2}^b)  > \pi/2$
VH	2j0b	2	0	0	0	$> 30$	$65 < m_{jj} < 120 \text{ GeV}$
	2j1b	2	1	0	0		
	2j2b	2	2	0	0		