

Signal regions	Leptons	Jets	b jets	p_T^{miss}	Other selections
Dileptonic $t\bar{t} + p_T^{\text{miss}}$	ee	≥ 2	≥ 1	≥ 50 GeV	$\min \Delta\phi(\vec{p}_T^{\ell\ell}, \vec{p}_T^{\text{miss}}) > 1.2$ rad $m_{\ell\ell} > 20$ GeV $ m_{ee,\mu\mu} - m_Z > 15$ GeV Dileptonic $t\bar{t}$ control region veto Z + jets control region veto
	$e\mu$				
	$\mu\mu$				
$\ell + \text{jets } t\bar{t} + p_T^{\text{miss}}$	e or μ	≥ 3	≥ 1	≥ 160 GeV	$M_T > 160$ GeV $M_{T2}^W > 200$ GeV $\min \Delta\phi(\vec{p}_T^{\text{jet}_i}, \vec{p}_T^{\text{miss}}) > 1.2$ rad
All-hadronic $t\bar{t} + p_T^{\text{miss}}$	0	≥ 4	≥ 2	≥ 200 GeV	0,1RTT $\min \Delta\phi(\vec{p}_T^{\text{jet}_i}, \vec{p}_T^{\text{miss}}) > 1.0$ rad
		≥ 6	≥ 1		2RTT $\min \Delta\phi(\vec{p}_T^{\text{jet}_i}, \vec{p}_T^{\text{miss}}) > 0.4$ rad
$b\bar{b} + p_T^{\text{miss}}$	0	1 or 2	1	≥ 200 GeV	$\min \Delta\phi(\vec{p}_T^{\text{jet}_i}, \vec{p}_T^{\text{miss}}) > 0.5$ rad
		2 or 3	2		