Common event selection criteria			
Exactly one electron or muon			
Veto secondary low- p_T charged loose leptons			
Exactly two jets			
$E_{\mathrm{T}}^{\mathrm{miss}} > 35\mathrm{GeV}$			
$m_{\rm T}(\ell, E_{\rm T}^{\rm miss}) > 60{\rm GeV}$			
$p_{\rm T}(\ell) > 50 \left(1 - \frac{\pi - \Delta \phi(p_{\rm T}(j_1), p_{\rm T}(\ell)) }{\pi - 1} \right) \text{ GeV}$			
Preselection region	Signal region	$t\bar{t}$ control region	W+ jets control region
Exactly one <i>b</i> -tagged jet	Exactly one <i>b</i> -tagged jet	Exactly two b-tagged jet	Exactly one <i>b</i> -tagged jet
	$m_{\ell b} < 153 \text{ GeV}$		$m_{\ell b} > 153 \text{ GeV}$
	$m_{i\ell\nu b} > 320 \text{ GeV}$		$m_{j\ell\nu b} < 320 \text{ GeV}$
	Trapezoidal requirement		Veto trapezoidal requirement
	$H_{\rm T} > 190~{\rm GeV}$		$H_{\rm T}$ < 190 GeV