Subcategory	Selection
Global selection	
—	$p_{T1} > 25\,\mathrm{GeV}$, $p_{T2} > 10\,\mathrm{GeV}$ (2016) or $13\,\mathrm{GeV}$
	$p_T^{\mathrm{miss}} > 20\,\mathrm{GeV}$, $p_T^{\ell\ell} > 30\,\mathrm{GeV}$, $m_{\ell\ell} > 12\,\mathrm{GeV}$
	eμ pair with opposite charge
Signal region	
—	At least 2 jets with $p_T > 30\,\mathrm{GeV}$, $|\eta_{j1}|, |\eta_{j2}| < 2.5$
	$\Delta\eta_{jj} < 3.5$, $65 < m_{jj} < 105\,\mathrm{GeV}$
	$60\,\mathrm{GeV} < m_T^H < 125\,\mathrm{GeV}$, $\Delta R_{\ell\ell} < 2$
	No b-tagged jet with $p_T > 20\,\mathrm{GeV}$
Control region	
Top quark CR	As SR but with no m_T^H requirement, $m_{\ell\ell} > 50\,\mathrm{GeV}$
	At least 1 b-tagged jet with $p_T > 30\,\mathrm{GeV}$
$\tau\tau$ CR	As signal region but with $m_T^H < 60\,\mathrm{GeV}$
	$40 < m_{\ell\ell} < 80\,\mathrm{GeV}$