

Trigger	$E_T^{\text{miss}} > 120 \text{ GeV}$ and $H_T^{\text{miss}} > 120 \text{ GeV}$ or isolated muon (electron) with $p_T^{\text{lep}} > 22$ (25) GeV
Selected lepton	muon (electron): $p_T^{\text{lep}} > 20 \text{ GeV}$, $ \eta < 2.4$ (1.442)
Selected lepton isolation	$p_T^{\text{sum}} < 0.1 \times p_T^{\text{lep}}$
Jets and b-tagged jets	$p_T > 30 \text{ GeV}$, $ \eta < 2.4$
b-tagging efficiency	medium (tight) WP: 60-70 (35-50)% for jet p_T 30-400 GeV
b-tagging mis-ID rate	medium (tight) WP : 1% (0.2%)
E_T^{miss}	$E_T^{\text{miss}} > 250 \text{ GeV}$ and $\Delta\phi(E_T^{\text{miss}}, j_{1,2}) > 0.8$
Transverse mass	$M_T > 150 \text{ GeV}$
Veto lepton	muon or electron with $p_T^{\text{lep}} > 5 \text{ GeV}$, $ \eta < 2.4$
Veto lepton isolation	$p_T^{\text{sum}} < 0.1 \times p_T^{\text{lep}}$
Veto track	charged particle-flow candidate, $p_T > 10 \text{ GeV}$, $ \eta < 2.4$
Veto track isolation	$p_T^{\text{sum}} < \min(0.1 \times p_T^{\text{lep}}, 6 \text{ GeV})$