

Region	Requirements
Global selection	oppositely charged $e\mu$ final state
	$p_{\text{T}}^{\ell_1} > 25 \text{ GeV}$
	$p_{\text{T}}^{\ell_2} > 13 \text{ GeV}$ (10 GeV for 2016 data)
	$p_{\text{T}}^{\ell_3} < 10 \text{ GeV}$
	$m_{\ell\ell} > 12 \text{ GeV}$
	$p_{\text{T}}^{\ell\ell} > 30 \text{ GeV}$
	$p_{\text{T}}^{\text{miss}} > 20 \text{ GeV}$
	at least two jets with $p_{\text{T}} > 30 \text{ GeV}$ and $ \eta < 4.7$
SR	$m_{\text{j j}} > 120 \text{ GeV}$
	$m_{\text{T}} > 60 \text{ GeV}$
	$m_{\text{T}}^{\ell_2} > 30 \text{ GeV}$
Top quark CR	no b-tagged jets with $p_{\text{T}} > 20 \text{ GeV}$
	$m_{\ell\ell} > 50 \text{ GeV}$
	$m_{\text{T}}^{\ell_2} > 30 \text{ GeV}$
	at least one b-tagged jet
DY CR	$40 < m_{\ell\ell} < 80 \text{ GeV}$
	$m_{\text{T}} < 60 \text{ GeV}$
	no b-tagged jets with $p_{\text{T}} > 20 \text{ GeV}$