

Preselection	$n_\ell = 2, m_{\ell\ell} \in [76, 106] \text{ GeV}, p_{\text{T}}(\ell_1) > 35 \text{ GeV}, p_{\text{T}}(\ell_2) > 20 \text{ GeV},$			
	$p_{\text{T}}(\text{j}_{1,2}) > 30 \text{ GeV}, m_{\text{jj}} > 500 \text{ GeV}, \Delta\eta_{\text{jj}} > 2.5$			
Regions	Variables	Lepton Selection	Other Requirements	
SR	$65 < m_{\text{V}} < 105 \text{ GeV}$	Same-flavor	Split in b tag and b veto	
DY CR	$m_{\text{V}} < 65$ or $m_{\text{V}} > 105 \text{ GeV}$	Same-flavor	Split in b tag and b veto	
Top quark CR	$65 < m_{\text{V}} < 105 \text{ GeV}$	Different-flavor	—	