

Category	Subcategory	Requirements
preselection	-	$m_{\ell\ell} > 12 \text{ GeV}$, $p_{T1} > 25 \text{ GeV}$, $p_{T2} > 10(13) \text{ GeV}$ for $\mu(e)$ $E_T^{\text{miss}} > 20 \text{ GeV}$, $p_T^{\ell\ell} > 30 \text{ GeV}$, $p_{T3} < 10 \text{ GeV}$ electron and muon with opposite charge
2-jet VH-tagged	$e\mu$	at least two jets with $p_T > 30 \text{ GeV}$ two leading jets with $ \eta < 2.5$ $60 \text{ GeV} < m_T < 125 \text{ GeV}$ and $\Delta R_{\ell\ell} < 2$ no b-tagged jets with $p_T > 20 \text{ GeV}$ $65 \text{ GeV} < m_{jj} < 105 \text{ GeV}$ and $ \Delta\eta_{jj} < 3.5$