

Category	Subcategory	Requirements
Preselection	—	$m_{\ell\ell} > 12 \text{ GeV}$, $p_{T1} > 25 \text{ GeV}$, $p_{T2} > 13 \text{ (10) GeV}$ for $e(\mu)$, $p_T^{\text{miss}} > 20 \text{ GeV}$, $p_T^{\ell\ell} > 30 \text{ GeV}$ no additional leptons with $p_T > 10 \text{ GeV}$ electron and muon with opposite charges
	$e\mu$ low m_{jj}	exactly two jets with $p_T > 30 \text{ GeV}$ $60 < m_T < 125 \text{ GeV}$ leptons η between the two leading jets $400 < m_{jj} < 700 \text{ GeV}$ and $ \Delta\eta_{jj} > 3.5$ no b-tagged jets with $p_T > 20 \text{ GeV}$
2-jet VBF-tagged	$e\mu$ high m_{jj}	exactly two jets with $p_T > 30 \text{ GeV}$ $60 < m_T < 125 \text{ GeV}$ leptons η between the two leading jets $m_{jj} > 700 \text{ GeV}$ and $ \Delta\eta_{jj} > 3.5$ no b-tagged jets with $p_T > 20 \text{ GeV}$