

Category	Sub-categories	Selection
Global selection	-	$p_{T1} > 25 \text{ GeV}, p_{T2} > 10 \text{ GeV}$ (2016) or $13 \text{ GeV}$ $p_T^{\text{miss}} > 20 \text{ GeV}, p_T^{\ell\ell} > 30 \text{ GeV}, m_{\ell\ell} > 12 \text{ GeV}$ ee or $\mu\mu$ pair with opposite charge
2-jet VBF tagged	ee	$m_{\ell\ell} < 60 \text{ GeV}, 65 \text{ GeV} < m_T^H < 150 \text{ GeV}$
	$\mu\mu$	$ \Delta\phi_{\ell\ell}  < 1.6, m_{jj} > 350 \text{ GeV}$ DYMVA above threshold
	$W^+W^-$ CR	As signal region, $m_{\ell\ell} > 100 \text{ GeV}$ $m_T^H > 60 \text{ GeV}, m_T(\ell 2, p_T^{\text{miss}}) > 30 \text{ GeV}$
	Top CR	As signal region, $m_{\ell\ell} > 100 \text{ GeV}, m_T(\ell 2, p_T^{\text{miss}}) > 30 \text{ GeV}$ At least one of the leading jets b-tagged