Channel	Vector boson decay products selection	Vector boson selection	Jet selection
MET small-radius		$p_{\mathrm{T}}^{\mathrm{miss}} > 150\mathrm{GeV}$	\geq 4 small-radius jets with $p_{\rm T} >$ 35 GeV
MET large-radius		$p_{\mathrm{T}}^{\mathrm{miss}} > 250\mathrm{GeV}$	\geq 2 large-radius jets with $p_{\rm T} > 200{\rm GeV}$
1L	$p_{\rm T}({ m e}) > 32 (28) { m GeV}$ $2018/2017 (2016)$ ${ m OR}$ $p_{ m T}(\mu) > 25 { m GeV}$	$p_{\mathrm{T}}(\mathrm{W}) > 125\mathrm{GeV}$	\geq 3 small-radius jets with $p_{\rm T} > 25{\rm GeV}$ AND \geq 4 small-radius jets with $p_{\rm T} > 15{\rm GeV}$ OR \geq 2 large-radius jets with $p_{\rm T} > 200{\rm GeV}$
2L	$p_{\rm T}(\mu_{1[2]}) > 20 \ [20] {\rm GeV}$ OR $p_{\rm T}({\rm e}_{1[2]}) > 25 \ [20] {\rm GeV}$	$p_{\mathrm{T}}(\ell\ell) > 50\mathrm{GeV}$	\geq 4 small-radius jets with $p_{\mathrm{T}} > 20\mathrm{GeV}$
FH	$p_{\mathrm{T}}(\mathbf{j}_i) > 20\mathrm{GeV}$	$65 < m_{j_1 j_2} < 105 \text{GeV}$	\geq 4 small-radius jets with $p_{\rm T} >$ 40 GeV and \geq 6 small-radius jets with $p_{\rm T} >$ 20 GeV