Selection		SR		W CR (WR)		tī CR (TR1)	
		HP	LP	HP	LP	HP	LP
$W \to \ell \nu$	Num of Tight leptons	1					
	Num of Loose leptons	0					
	$E_{ m T}^{ m miss}$	> 100 GeV					
	$p_{\mathrm{T}}(\ell \nu)$	> 200 GeV					
$W/Z \to J$	Num of large-R jets	≥ 1					
	$D_2$ cut	pass	fail	pass	fail	pass	fail
	W/Z mass window cut	pass	pass	fail	fail	pass	pass
	Numb. of associated VR track jets b-tagged	For $Z \rightarrow J$ : $\leq 1$ (= 2) for untagged (tagged) category					
Topology cut	$\min\left(p_{\mathrm{T},\ell \nu},p_{\mathrm{T},J}\right)/m_{WV}$	> 0.35(0.25) for DY/ggF (VBF) category					
Top-quark veto	Num of b-tagged jets outside of large-R jet	0				≥ 1	
Pass VBF selection		no (yes) for DY/ggF (VBF) category					