

	SL $W \rightarrow e\nu$	SL $W \rightarrow \mu\nu$	SV $W \rightarrow e\nu$	SV $W \rightarrow \mu\nu$
Lepton p_T^ℓ	> 35 GeV			
Lepton η^ℓ	< 2.4			
Lepton isolation I_{comb}/p_T^ℓ	< 0.15			
Transverse mass M_T	> 55 GeV			
Jet p_T^{jet}	> 30 GeV			
Jet η^{jet}	< 2.4			
$\Delta R(\text{jet}, \ell)$	> 0.4			
Muon in jet p_T^μ	< 25 GeV			
Muon in jet p_T^μ/p_T^{jet}	< 0.6			
Muon in jet η^μ	< 2.4			
Muon in jet IPS		> 2		
Muon in jet $m_{\mu\mu}$		> 12 GeV & $\notin [70, 110 \text{ GeV}]$		
SV number of tracks			> 2	
SV displacement significance			> 8	
SV charge			$\neq 0$	