

Variable	SR	WZ CR
Number of leptons	Exactly 2 same-sign muons	Exactly 3 muons
Lepton $p_T$	$> 30/30$ GeV	$> 25/25/10$ GeV
Lepton $ \eta $	$< 2.4$	$< 2.4$
Jet $p_T$	$> 30$ GeV	$> 30$ GeV
Jet $ \eta $	$< 4.7$	$< 4.7$
Dilepton mass $m_{\ell\ell}$	$> 20$ GeV	—
$ m_{\ell\ell} - m_Z $	—	$< 15$ GeV (for one $\mu^+\mu^-$ pair)
Trilepton mass $m_{\ell\ell\ell}$	—	$> 100$ GeV
Max ( $\mathcal{Z}_\ell$ )	$< 0.75$	$< 1.0$
$p_T^{\text{miss}}$	—	$> 30$ GeV
$b$ -tagged jet veto	Required	Required
Hadronic $\tau$ veto	Required	Required
$m_{jj}$	$> 750$ GeV	$> 750$ GeV
$ \Delta\eta_{jj} $	$> 2.5$	$> 2.5$