

Cut Variable	Resolved	Boosted
AK4 Jet Kinematics	2 jets with $p_T > 30$ GeV and $ \eta  < 2.4$	-
AK8 Jet Kinematics	-	$p_T > 200$ GeV, $ \eta  < 2.4$
$E_T^{\text{miss}}$	$> 170$ GeV	$> 200$ GeV
$p_T^{\text{bb}}$	$> 150$ GeV	-
b tagging	Medium WP for both jets	Loose WP for two subjects
$m_{\text{corrected}}^{\text{pruned}}$	-	100 to 150 GeV
$m_{\text{bb}}$	100 to 150 GeV	-
$\Delta\phi(\text{AK4 Jet}, E_T^{\text{miss}})$	$> 0.4$	$> 0.4$
$\Delta\phi(\vec{p}_T^{\text{miss}}, E_T^{\text{miss}})$	$< 0.7$	-
additional isolated lepton (e, $\mu$ , $\tau_h$ )	0	0
additional AK4 jet	not more than one	not more than one
additional AK4 b jet	0	0