

	No b tag			b tag		
$e\mu$	Low- D_ζ	Medium- D_ζ	High- D_ζ	Low- D_ζ	Medium- D_ζ	High- D_ζ
$e\mathcal{T}_h$	Loose- m_T		Tight- m_T	Loose- m_T		Tight- m_T
$\mu\mathcal{T}_h$	Loose- m_T		Tight- m_T	Loose- m_T		Tight- m_T
$\mathcal{T}_h\mathcal{T}_h$						
$t\bar{t}(e\mu)$				$D_\zeta < -35 \text{ GeV}$		

	Signal region (SR)
	Control region