

		Benchmark Model			
		T2bb	T2cc	T1bbbb	T1qqqqLL
Event Selection	$m_{\text{SUSY}}$ (GeV)	550	500	1900	1800
	$m_{\text{LSP}}$ (GeV)	450	480	100	200
	$c\tau_0$ (mm)	–	–	–	1
Before selection		100.0	100.0	100.0	100.0
Single isolated track, muon, electron, & photon vetos		94.6	97.2	99.4	86.0
Event veto for jets failing ID		94.3	96.8	98.7	85.7
$p_{\text{T}}^{\text{j}_1} > 100$ GeV		62.9	84.3	98.7	85.7
$0.1 < f_{\text{h}^\pm}^{\text{j}_1} < 0.95$		59.8	77.4	93.9	82.1
$H_{\text{T}} > 200$ GeV		49.5	64.5	93.9	82.1
$H_{\text{T}}^{\text{miss}} > 200$ GeV		18.8	48.3	88.5	77.4
Event veto for forward jets ( $ \eta  > 2.4$ )		13.6	35.8	69.9	63.7
$H_{\text{T}}^{\text{miss}} / E_{\text{T}}^{\text{miss}} < 1.25$		12.9	34.1	69.3	60.3
$n_{\text{jet}^-}$ and $H_{\text{T}}$ -dependent $\alpha_{\text{T}}$ thresholds		8.3	24.9	69.2	60.1
$\Delta\phi_{\text{min}}^* > 0.5$		5.7	20.5	25.1	22.9