

Event selection	Benchmark model ($m_{\text{SUSY}}, m_{\text{LSP}}$)		
	T2cc (325, 305)	T2tt_degen (300, 290)	T2tt_mixed (300, 250)
Before selection	100	100	100
Event veto for muons and electrons	100	100	89
Event veto for single isolated tracks	97	98	83
Event veto for photons	97	97	83
Event veto for forward jets ($ \eta > 3.0$)	83	84	72
$n_{\text{jet}} \geq 2$	26	21	36
$p_{\text{T}}^{\text{j1}} > 100 \text{ GeV}$	16	14	19
$ \eta^{\text{j1}} < 2.5$	15	13	18
$H_{\text{T}} > 200 \text{ GeV}$	13	11	15
$H_{\text{T}}^{\text{miss}} > 130 \text{ GeV}$	11	9.2	10
$H_{\text{T}}^{\text{miss}} / E_{\text{T}}^{\text{miss}} < 1.25$	9.2	7.5	8.4
H_{T} -dependent α_{T} requirements ($H_{\text{T}} < 800 \text{ GeV}$)	4.8	4.3	3.7
$\Delta\phi_{\text{min}}^* > 0.5$	3.7	3.7	2.3
Four most sensitive n_{jet} event categories	1.9	1.9	0.9