

Event selection	Benchmark model ($m_{\text{SUSY}}, m_{\text{LSP}}$)					
	T1bbbb	T1bbbb	T1tttt	T1tttt	T1ttbb	T1ttbb
	(1500, 100)	(1000, 800)	(1300, 100)	(800, 400)	(1300, 100)	(1000, 700)
Before selection	100	100	100	100	100	100
Event veto for muons and electrons	99	98	41	42	61	64
Event veto for single isolated tracks	94	91	31	32	51	54
Event veto for photons	93	91	30	32	50	54
Event veto for forward jets ($ \eta > 3.0$)	82	79	27	27	44	47
$n_{\text{jet}} \geq 2$	82	78	27	27	44	47
$p_{\text{T}}^{\text{j1}} > 100 \text{ GeV}$	82	69	27	25	44	43
$ \eta^{\text{j1}} < 2.5$	82	68	27	25	44	42
$H_{\text{T}} > 200 \text{ GeV}$	82	66	27	25	44	42
$H_{\text{T}}^{\text{miss}} > 130 \text{ GeV}$	79	48	25	15	41	32
$H_{\text{T}}^{\text{miss}} / E_{\text{T}}^{\text{miss}} < 1.25$	77	43	24	11	38	26
H_{T} -dependent α_{T} requirements ($H_{\text{T}} < 800 \text{ GeV}$)	77	29	24	8.3	38	19
$\Delta\phi_{\text{min}}^* > 0.5$	23	17	5.6	1.3	9.5	8.8
Four most sensitive n_{jet} event categories	23	12	5.6	1.3	9.5	7.4