

Search Bin	$N_t$	$N_b$	$M_{T2}$ [ GeV ]	$E_T^{\text{miss}}$ [ GeV ]	Motivation	
0	1+	1+	200+	250+	Generic inclusive bin for events passing analysis preselection.	
1	2+	2+	200+	250+		Generic inclusive bin for events with $N_b \geq 2$ and $N_t \geq 2$ .
2	3+	3+	200+	250+		Generic inclusive bin for events with $N_b \geq 3$ and $N_t \geq 3$ .
3	3+	1+	200+	250+		Generic inclusive bin for events with $N_b \geq 1$ and $N_t \geq 3$ .
4	2+	1+	200+	400+		Targeting T2tt with small $\Delta M(\tilde{t}, \tilde{\chi}_1^0)$ .
5	1+	2+	600+	400+		Targeting T2tt with large $\Delta M(\tilde{t}, \tilde{\chi}_1^0)$ .
Search Bin	$N_t$	$N_b$	$H_T$ [ GeV ]	$E_T^{\text{miss}}$ [ GeV ]	Motivation	
6	1+	2+	1400+	500+	Targeting T5ttcc large $\Delta M(\tilde{g}, \tilde{\chi}_1^0)$ .	
7	2+	3+	600+	350+	Targeting T1tttt small $\Delta M(\tilde{g}, \tilde{\chi}_1^0)$ .	
8	2+	3+	300+	500+	Targeting T1tttt intermediate $\Delta M(\tilde{g}, \tilde{\chi}_1^0)$ .	
9	2+	3+	1300+	500+	Targeting T1tttt large $\Delta M(\tilde{g}, \tilde{\chi}_1^0)$ .	