

	T1tttt(1500, 100)	T1tttt(1200, 800)	T5ttcc(1500, 100)	T5ttcc(1200, 800)
Expected events (2.3 fb^{-1} at $\sqrt{s} = 13 \text{ TeV}$)	32	193	32	193
Preselection requirements	Events (efficiency)			
Event filter	32 (100%)	193 (100%)	32 (100%)	193 (100%)
μ veto	20 (63%)	123 (63%)	25 (79%)	153 (79%)
e veto	12 (62%)	79 (64%)	20 (78%)	120 (78%)
Isolated track veto	11 (88%)	60 (75%)	18 (94%)	107 (89%)
$N_j \geq 4$	11 (99%)	60 (99%)	18 (98%)	101 (94%)
$N_b \geq 1$	10 (96%)	57 (96%)	15 (85%)	86 (85%)
$H_T \geq 500 \text{ GeV}$	10 (99%)	50 (86%)	15 (99%)	70 (81%)
$E_T^{\text{miss}} \geq 200 \text{ GeV}$	9 (90%)	22 (45%)	14 (93%)	57 (81%)
$\Delta\phi(E_T^{\text{miss}}, j_{1,2,3}) > 0.5, 0.5, 0.3$	8 (80%)	17 (79%)	11 (75%)	52 (90%)
$N_f \geq 1$	7 (90%)	16 (91%)	8 (76%)	35 (68%)
$M_{T2} > 200 \text{ GeV}$	7 (98%)	15 (94%)	8 (97%)	34 (96%)
N_b, N_f regions	Events (efficiency)			
$N_b = 1, N_f = 1$	0.3 (3%)	0.7 (4%)	1.2 (14%)	8.9 (25%)
$N_b = 1, N_f = 2$	0.6 (8%)	1.7 (11%)	1.8 (21%)	5.8 (16%)
$N_b = 1, N_f \geq 3$	0.3 (4%)	0.5 (3%)	0.4 (5%)	0.3 (0%)
$N_b = 2, N_f = 1$	0.5 (6%)	1.4 (8%)	1.4 (16%)	10.0 (28%)
$N_b = 2, N_f = 2$	1.2 (16%)	3.2 (20%)	1.7 (20%)	5.8 (16%)
$N_b = 2, N_f \geq 3$	0.7 (9%)	1.0 (6%)	0.4 (4%)	0.3 (0%)
$N_b \geq 3, N_f = 1$	0.8 (11%)	2.0 (12%)	0.6 (6%)	2.2 (6%)
$N_b \geq 3, N_f = 2$	1.7 (23%)	3.6 (23%)	0.7 (8%)	1.1 (3%)
$N_b \geq 3, N_f \geq 3$	1.1 (15%)	1.3 (8%)	0.2 (2%)	0.1 (0%)
$M_{T2}, E_T^{\text{miss}}$ regions	Events (efficiency)			
$200 \leq M_{T2} < 300 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 275 \text{ GeV}$	0.3 (4%)	4.7 (30%)	0.2 (2%)	2.9 (8%)
$200 \leq M_{T2} < 300 \text{ GeV}, 275 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	0.3 (4%)	2.1 (13%)	0.2 (2%)	1.8 (5%)
$200 \leq M_{T2} < 300 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	0.4 (5%)	1.1 (7%)	0.2 (2%)	1.4 (3%)
$200 \leq M_{T2} < 300 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	0.5 (7%)	0.7 (4%)	0.5 (5%)	1.1 (3%)
$300 \leq M_{T2} < 400 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 275 \text{ GeV}$	0.1 (1%)	2.0 (13%)	0.1 (1%)	1.9 (5%)
$300 \leq M_{T2} < 400 \text{ GeV}, 275 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	0.2 (2%)	1.6 (10%)	0.3 (2%)	3.7 (10%)
$300 \leq M_{T2} < 400 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	0.3 (4%)	1.0 (6%)	0.3 (3%)	3.4 (9%)
$300 \leq M_{T2} < 400 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	1.1 (15%)	1.2 (7%)	1.1 (13%)	2.6 (7%)
$M_{T2} \geq 400 \text{ GeV}, 200 \leq E_T^{\text{miss}} < 350 \text{ GeV}$	0.1 (1%)	0.2 (1%)	0.1 (1%)	0.7 (2%)
$M_{T2} \geq 400 \text{ GeV}, 350 \leq E_T^{\text{miss}} < 450 \text{ GeV}$	0.3 (4%)	0.3 (1%)	0.4 (4%)	4.4 (12%)
$M_{T2} \geq 400 \text{ GeV}, E_T^{\text{miss}} \geq 450 \text{ GeV}$	3.4 (47%)	0.5 (3%)	4.9 (58%)	10.6 (30%)