

n_{jet}	n_b	L_T [GeV]	H_T [GeV]	n_t	Bin name	T1tttt signal events		Predicted background events	Observed events		
						(1.8, 1.3) TeV	(2.2, 0.1) TeV				
[6, 8]	1	[250, 450]	[500, 1500]	1	A1a	1.31 ± 0.11	<0.01	576 ± 29	570		
				≥ 2	A1b	0.08 ± 0.03	<0.01	13 ± 2	14		
			>1500	1	A2a	<0.01	0.01 ± 0.01	47 ± 7	42		
				≥ 2	A2b	<0.01	0.04 ± 0.01	5 ± 1	3		
		[450, 600]	>500	1	A3a	0.56 ± 0.08	0.05 ± 0.01	31 ± 6	16		
				≥ 2	A3b	0.04 ± 0.02	0.07 ± 0.01	1.0 ± 0.3	1		
			>600	>500	1	A4a	0.24 ± 0.05	0.51 ± 0.03	7 ± 2	8	
				≥ 2	A4b	<0.01	0.59 ± 0.03	1.0 ± 0.5	0		
	2	[250, 450]	[500, 1500]	1	B1a	2.69 ± 0.15	0.01 ± 0.01	532 ± 26	586		
				≥ 2	B1b	0.40 ± 0.06	<0.01	16 ± 2	19		
			>1500	1	B2a	0.01 ± 0.01	0.03 ± 0.01	30 ± 5	34		
				≥ 2	B2b	<0.01	0.07 ± 0.01	3.4 ± 0.8	1		
		[450, 600]	>500	1	B3a	1.16 ± 0.10	0.07 ± 0.01	27 ± 6	34		
				≥ 2	B3b	0.18 ± 0.04	0.11 ± 0.01	1.1 ± 0.5	2		
			>600	>500	1	B4a	0.49 ± 0.07	0.76 ± 0.03	6.2 ± 1.6	6	
				≥ 2	B4b	0.12 ± 0.03	0.93 ± 0.03	0.23 ± 0.08	0		
	≥ 3	[250, 450]	[500, 1500]	1	C1a	3.69 ± 0.17	0.01 ± 0.01	115 ± 7	105		
				≥ 2	C1b	0.64 ± 0.07	<0.01	6 ± 1	3		
			>1500	1	C2a	<0.01	0.04 ± 0.01	7 ± 2	10		
				≥ 2	C2b	<0.01	0.08 ± 0.01	1.0 ± 0.4	2		
[450, 600]		>500	1	C3a	1.25 ± 0.10	0.07 ± 0.01	5 ± 1	4			
			≥ 2	C3b	0.27 ± 0.05	0.12 ± 0.01	0.63 ± 0.43	0			
		>600	>500	1	C4a	0.52 ± 0.07	0.70 ± 0.03	1.4 ± 0.4	4		
			≥ 2	C4b	0.09 ± 0.03	0.87 ± 0.04	0.05 ± 0.04	0			
≥ 9	1	[250, 450]	[500, 1500]	1	D1a	0.39 ± 0.06	<0.01	32 ± 3	26		
				≥ 2	D1b	0.11 ± 0.03	<0.01	2.1 ± 0.6	4		
			>1500	1	D2a	0.02 ± 0.01	0.01 ± 0.01	6 ± 1	11		
				≥ 2	D2b	0.02 ± 0.01	0.02 ± 0.01	1.0 ± 0.3	2		
		[450, 600]	>500	≥ 1	D3	0.19 ± 0.05	0.04 ± 0.01	2.3 ± 0.6	2		
				>600	>500	≥ 1	D4	0.18 ± 0.04	0.33 ± 0.02	0.6 ± 0.3	0
			2	[250, 450]	[500, 1500]	1	E1a	1.00 ± 0.09	<0.01	35 ± 3	35
						≥ 2	E1b	0.42 ± 0.06	<0.01	3.2 ± 0.7	2
	>1500	1		E2a	0.04 ± 0.02	0.01 ± 0.01	8 ± 2	6			
		≥ 2		E2b	0.03 ± 0.02	0.04 ± 0.01	1.0 ± 0.4	2			
	[450, 600]	>500	1	E3a	0.53 ± 0.06	0.04 ± 0.01	1.7 ± 0.5	1			
			≥ 2	E3b	0.14 ± 0.04	0.04 ± 0.01	0.2 ± 0.1	0			
		>600	>500	1	E4a	0.42 ± 0.06	0.22 ± 0.02	0.9 ± 0.4	1		
			≥ 2	E4b	0.18 ± 0.04	0.43 ± 0.02	0.06 ± 0.04	0			
	≥ 3	[250, 450]	[500, 1500]	1	F1a	2.25 ± 0.13	<0.01	13 ± 2	7		
				≥ 2	F1b	1.09 ± 0.09	<0.01	2.4 ± 0.8	2		
			>1500	1	F2a	0.03 ± 0.02	0.02 ± 0.01	4 ± 1	0		
				≥ 2	F2b	0.04 ± 0.02	0.08 ± 0.01	0.7 ± 0.3	0		
		[450, 600]	>500	≥ 1	F3	1.39 ± 0.10	0.12 ± 0.01	1.1 ± 0.4	2		
				>600	>500	≥ 1	F4	0.89 ± 0.08	0.96 ± 0.03	0.24 ± 0.16	2