

$n_{\text{jet}}$	$L_T$ [GeV]	$H_T$ [GeV]	$\Delta\phi$	$n_W$	Bin name	T5qqqqWW signal events		Predicted	Observed	
						(1.8, 1.3) TeV	(2.2, 0.1) TeV	background events	events	
5	[250, 350]	[500, 750]	>1	0	G0a	$0.84 \pm 0.23$	<0.01	$342 \pm 24$	333	
				$\geq 1$	G0b	$0.38 \pm 0.12$	<0.01	$70 \pm 8$	77	
				0	G1a	$0.23 \pm 0.09$	<0.01	$292 \pm 22$	304	
				$\geq 1$	G1b	$0.15 \pm 0.07$	<0.01	$69 \pm 10$	62	
	[350, 450]	[500, 750]	>1	0	G2a	$1.11 \pm 0.29$	<0.01	$71 \pm 8$	63	
				$\geq 1$	G2b	$0.45 \pm 0.15$	<0.01	$14 \pm 5$	25	
				0	G3a	$0.34 \pm 0.12$	$0.01 \pm 0.01$	$66 \pm 8$	44	
				$\geq 1$	G3b	$0.20 \pm 0.09$	<0.01	$14 \pm 4$	13	
	[450, 650]	[500, 750]	>0.75	0	G4a	$1.44 \pm 0.34$	<0.01	$52 \pm 7$	45	
				$\geq 1$	G4b	$0.74 \pm 0.19$	<0.01	$12 \pm 3$	9	
				0	G5a	$0.64 \pm 0.18$	<0.01	$42 \pm 6$	35	
				$\geq 1$	G5b	$0.29 \pm 0.10$	<0.01	$10 \pm 3$	6	
		>750	[750, 1250]	>0.5	0	G6a	<0.01	$0.07 \pm 0.02$	$16 \pm 3$	19
					$\geq 1$	G6b	<0.01	$0.08 \pm 0.02$	$3 \pm 1$	3
					0	G7a	$0.74 \pm 0.20$	$0.05 \pm 0.01$	$33 \pm 8$	32
					$\geq 1$	G7b	$0.27 \pm 0.09$	$0.02 \pm 0.01$	$7 \pm 2$	8
>1250	[500, 1250]	>0.5	0	G8a	$0.14 \pm 0.05$	$0.70 \pm 0.15$	$11 \pm 3$	8		
			$\geq 1$	G8b	$0.04 \pm 0.02$	$0.59 \pm 0.13$	$0.6 \pm 0.4$	2		
			0	H1a	$1.94 \pm 0.45$	<0.01	$281 \pm 22$	292		
			$\geq 1$	H1b	$0.84 \pm 0.22$	<0.01	$71 \pm 9$	71		
[6, 7]	[250, 350]	[500, 1000]	>1	0	H2a	$0.22 \pm 0.09$	$0.03 \pm 0.01$	$121 \pm 11$	121	
				$\geq 1$	H2b	$0.10 \pm 0.05$	<0.01	$29 \pm 5$	21	
				0	H3a	$1.99 \pm 0.45$	<0.01	$51 \pm 6$	71	
				$\geq 1$	H3b	$1.08 \pm 0.26$	<0.01	$12 \pm 3$	15	
	[350, 450]	[500, 1000]	>1	0	H4a	$0.20 \pm 0.08$	$0.03 \pm 0.01$	$31 \pm 7$	21	
				$\geq 1$	H4b	$0.09 \pm 0.06$	$0.02 \pm 0.01$	$6 \pm 2$	6	
				0	H5a	$2.08 \pm 0.47$	<0.01	$19 \pm 4$	17	
				$\geq 1$	H5b	$1.13 \pm 0.27$	<0.01	$5 \pm 2$	9	
	[450, 650]	[500, 750]	>0.75	0	H6a	$1.76 \pm 0.40$	<0.01	$29 \pm 4$	18	
				$\geq 1$	H6b	$0.98 \pm 0.24$	<0.01	$7 \pm 2$	4	
				0	H7a	$0.18 \pm 0.07$	$0.19 \pm 0.05$	$15 \pm 3$	14	
				$\geq 1$	H7b	$0.13 \pm 0.06$	$0.13 \pm 0.03$	$3 \pm 1$	1	
	>650	[500, 1250]	>0.5	0	H8a	$1.62 \pm 0.36$	$0.04 \pm 0.01$	$13 \pm 3$	17	
				$\geq 1$	H8b	$0.60 \pm 0.16$	$0.03 \pm 0.01$	$4 \pm 1$	4	
				0	H9a	$0.50 \pm 0.13$	$1.69 \pm 0.35$	$9 \pm 3$	6	
				$\geq 1$	H9b	$0.27 \pm 0.08$	$1.32 \pm 0.27$	$2 \pm 1$	1	
$\geq 8$	[250, 350]	[500, 1000]	>1	0	I1a	$0.31 \pm 0.11$	<0.01	$23 \pm 5$	25	
				$\geq 1$	I1b	$0.21 \pm 0.08$	<0.01	$7 \pm 3$	5	
				0	I2a	$0.14 \pm 0.06$	$0.02 \pm 0.01$	$22 \pm 5$	23	
				$\geq 1$	I2b	$0.06 \pm 0.04$	<0.01	$8 \pm 2$	12	
	[350, 450]	[500, 1000]	>1	0	I3a	$0.41 \pm 0.12$	<0.01	$3.0 \pm 0.7$	10	
				$\geq 1$	I3b	$0.17 \pm 0.06$	<0.01	$1.1 \pm 0.4$	0	
				0	I4a	$0.23 \pm 0.09$	$0.03 \pm 0.01$	$5 \pm 1$	5	
				$\geq 1$	I4b	$0.26 \pm 0.09$	$0.03 \pm 0.01$	$3 \pm 1$	2	
	[450, 650]	[500, 1250]	>0.75	0	I5a	$0.83 \pm 0.22$	<0.01	$3.4 \pm 0.9$	4	
				$\geq 1$	I5b	$0.61 \pm 0.17$	<0.01	$0.5 \pm 0.3$	1	
				0	I6a	$0.24 \pm 0.09$	$0.11 \pm 0.03$	$2.6 \pm 0.8$	2	
				$\geq 1$	I6b	$0.12 \pm 0.06$	$0.07 \pm 0.02$	$0.5 \pm 0.3$	2	
	>650	[500, 1250]	>0.5	$\geq 0$	I7	$0.67 \pm 0.18$	<0.01	$1.58 \pm 0.63$	2	
				$\geq 0$	I8	$0.81 \pm 0.22$	$1.41 \pm 0.30$	$1.58 \pm 0.71$	1	