

Year / Category	Bin Split [t_γ (ns), p_T^{miss} (GeV)]	A	B	C	D	
2016 $\gamma\gamma$	(0, 250)	$N_{\text{obs}}^{\text{data}}$	16139	41	62	18826
		$N_{\text{bkg}}^{\text{post-fit}}$	16133 ± 114	47.5 ± 4.8	55.6 ± 5.6	18832 ± 130
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	16139 ± 114	41.0 ± 6.5	47.8 ± 7.7	18826 ± 130
	(1.5, 100)	$N_{\text{obs}}^{\text{data}}$	33760	1302	1	5
		$N_{\text{bkg}}^{\text{post-fit}}$	33759 ± 164	1303 ± 37	0.29 ± 0.28	5.7 ± 2.2
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	33761 ± 165	1302 ± 37	0.19 ± 0.21	5.0 ± 2.1
	(1.5, 150)	$N_{\text{obs}}^{\text{data}}$	34595	467	0	6
		$N_{\text{bkg}}^{\text{post-fit}}$	34596 ± 166	467 ± 22	0.08 ± 0.08	5.9 ± 2.3
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	34596 ± 167	467 ± 22	0.08 ± 0.09	6.0 ± 2.3
2017 γ	(0.5, 300)	$N_{\text{obs}}^{\text{data}}$	458372	281	41	67655
		$N_{\text{bkg}}^{\text{post-fit}}$	458368 ± 660	281 ± 15	41.4 ± 2.4	67656 ± 280
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	458369 ± 662	281 ± 16	41.5 ± 2.7	67657 ± 281
	(1.5, 200)	$N_{\text{obs}}^{\text{data}}$	524652	1364	1	332
		$N_{\text{bkg}}^{\text{post-fit}}$	524653 ± 706	1364 ± 36	0.9 ± 0.8	332 ± 20
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	524653 ± 704	1364 ± 35	0.9 ± 1.0	332 ± 20
	(1.5, 300)	$N_{\text{obs}}^{\text{data}}$	525694	322	0	333
		$N_{\text{bkg}}^{\text{post-fit}}$	525694 ± 707	322 ± 17	0.19 ± 0.21	333 ± 20
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	525694 ± 704	322 ± 17	0.20 ± 0.24	333 ± 20
2017 $\gamma\gamma$	(0.5, 150)	$N_{\text{obs}}^{\text{data}}$	21640	362	56	3201
		$N_{\text{bkg}}^{\text{post-fit}}$	21638 ± 143	364 ± 17	54.0 ± 3.0	3203 ± 61
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	21639 ± 143	362 ± 18	53.6 ± 3.3	3201 ± 61
	(0.5, 200)	$N_{\text{obs}}^{\text{data}}$	21863	139	24	3233
		$N_{\text{bkg}}^{\text{post-fit}}$	21860 ± 144	142 ± 11	21.1 ± 1.7	3236 ± 61
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	21863 ± 144	139 ± 11	20.6 ± 1.8	3233 ± 61
	(1.5, 150)	$N_{\text{obs}}^{\text{data}}$	24824	418	0	17
		$N_{\text{bkg}}^{\text{post-fit}}$	24824 ± 154	418 ± 20	0.25 ± 0.28	16.7 ± 4.4
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	24824 ± 154	418 ± 20	0.29 ± 0.36	17.0 ± 4.4
	(1.5, 200)	$N_{\text{obs}}^{\text{data}}$	25079	163	0	17
		$N_{\text{bkg}}^{\text{post-fit}}$	25079 ± 154	163 ± 12	0.11 ± 0.12	16.9 ± 4.4
		$N_{\text{bkg}(\text{mask})}^{\text{post-fit}}$	25079 ± 154	163 ± 12	0.11 ± 0.14	17.0 ± 4.4