

	Untagged	Boosted	VBF- 1jet	VBF- 2jet	VH- leptonic	VH- hadronic
ggH sig.	175.2	6.7	14.6	9.5	0.4	5.7
VBF sig.	5.7	1.4	2.7	7.6	0.1	0.5
$(a_3/a_2/κ_1/κ_2^{Zγ})$	(0.3/0.4/ 0.1/0.1)	(1.0/0.8/ 0.6/0.5)	(0.1/0.1/ 0.0/0.1)	(5.5/4.4/ 1.7/1.5)	(0.0/0.0/ 0.0/0.0)	(0.3/0.2/ 0.1/0.1)
WH sig.	2.3	0.5	0.3	0.2	1.1	1.1
$(a_3/a_2/κ_1/κ_2^{Zγ})$	(2.1/3.3/ 0.7/0.0)	(4.0/3.4/ 6.4/0.0)	(0.8/0.9/ 0.2/0.0)	(1.0/0.9/ 1.7/0.0)	(2.8/2.9/ 3.4/0.0)	(3.1/3.0/ 2.6/0.0)
ZH sig.	2.4	0.4	0.2	0.2	0.3	0.9
$(a_3/a_2/κ_1/κ_2^{Zγ})$	(1.3/2.4/ 0.9/1.3)	(2.4/2.1/ 5.1/13.5)	(0.4/0.4/ 0.2/0.3)	(0.6/0.6/ 1.4/3.8)	(0.5/0.6/ 0.8/2.0)	(1.6/1.7/ 2.0/4.6)
$\bar{b}bH$ sig.	1.9	0.0	0.1	0.1	0.0	0.1
$t\bar{t}H$ sig.	1.4	0.0	0.0	0.5	0.2	0.2
Signal expected	188.8	9.2	17.9	18.1	2.2	8.6
$(a_3/a_2/κ_1/κ_2^{Zγ})$	(182.1/184.5/ 180.2/179.9)	(14.3/13.0/ 18.9/20.9)	(16.1/16.2/ 15.1/15.1)	(17.3/16.0/ 15.0/15.4)	(4.0/4.2/ 4.9/2.7)	(11.1/11.0/ 10.8/10.7)
$q\bar{q} \rightarrow 4\ell$ bkg.	212.8	2.0	6.5	2.4	2.4	2.2
$gg \rightarrow 4\ell$ bkg.	20.0	0.0	1.2	0.3	0.4	0.1
Z + X bkg.	68.2	3.8	2.3	8.2	1.1	3.8
	489.8	15.0	28.0	29.0	6.1	14.7
Total expected	(483.1/485.5/ 481.1/480.9)	(20.1/18.9/ 24.7/26.7)	(26.1/26.2/ 25.2/25.1)	(28.2/26.9/ 25.9/26.3)	(7.9/8.0/ 8.8/6.6)	(17.1/17.0/ 16.8/16.7)
Total observed	503	17	26	21	8	14