	Untagged	Boosted	VBF-1jet	VBF-2jet	VH-leptonic	VH-hadronic
ggH sig	171.46	6.48	15.15	10.44	0.35	5.99
VBF sig	5.06	1.18	2.64	8.60	0.06	0.54
($a_3/a_2/\kappa_1/\kappa_2^{Z\gamma}$)	(0.29/0.29/0.05/0.09)	(0.69/0.54/0.52/0.48)	(0.12/0.09/0.03/0.05)	(6.10/4.95/1.91/1.83)	(0.03/0.02/0.01/0.01)	(0.28/0.21/0.07/0.07)
WH sig	2.18	0.43	0.29	0.22	1.11	1.20
($a_3/a_2/\kappa_1/\kappa_2^{Z\gamma}$)	(1.93/3.15/0.72/0.00)	(3.81/3.20/6.28/0.00)	(0.83/0.92/0.22/0.00)	(1.20/1.05/2.04/0.00)	(2.75/2.86/3.47/0.00)	(3.43/3.33/2.93/0.00)
ZH sig	1.87	0.34	0.16	0.16	0.26	0.79
($a_3/a_2/\kappa_1/\kappa_2^{Z\gamma}$)	(0.99/1.89/0.68/1.17)	(1.87/1.66/4.14/12.34)	(0.30/0.35/0.12/0.27)	(0.56/0.51/1.30/3.88)	(0.42/0.48/0.65/1.82)	(1.42/1.53/1.84/4.69)
$b\bar{b}H$ sig	1.84	0.04	0.13	0.09	0.03	0.09
$t\bar{t}H$ sig	1.65	0.04	0.00	0.32	0.13	0.19
tH sig	0.13	0.02	0.01	0.12	0.04	0.05
Signal	184.1	8.5	18.4	19.8	1.9	8.8
($a_3/a_2/\kappa_1/\kappa_2^{Z\gamma}$)	(178.2/180.3/176.4/176.2)	(12.9/12.0/17.5/19.4)	(16.5/16.7/15.7/15.6)	(18.7/17.4/16.1/16.6)	(3.7/3.9/4.6/2.3)	(11.4/11.4/11.1/11.0)
$q\bar{q} \to 4\ell$ bkg	206.05	1.89	6.78	2.78	2.21	2.30
$gg \to 4\ell$ bkg	19.05	0.38	1.52	0.76	0.37	0.31
EW bkg	3.50	0.66	0.20	1.98	0.23	0.85
$Z + X$ bkg	69.87	3.73	2.46	9.70	1.20	4.10
Total	481.3	15.1	29.3	34.9	5.9	16.24
($a_3/a_2/\kappa_1/\kappa_2^{Z\gamma}$)	(475.4/477.5/473.6/473.4)	(19.5/18.6/24.1/26.0)	(27.4/27.6/26.6/26.5)	(33.8/32.4/31.1/31.6)	(7.7/7.9/8.6/6.3)	(18.83/18.78/18.54/18.47)
Observed	512	18	27	30	10	13