Non-resonant analysis (event yields)			
Process	0 b tags	1 b tag	2 b tags
Non-resonant HH production (100 SM)	1.2 ± 0.2	4.6 ± 0.6	4.3 ± 0.5
$Z \to \tau\tau$	120.3 ± 11.1	17.7 ± 3.0	2.0 ± 0.8
Multijet	27.9 ± 2.7	5.4 ± 1.0	0.7 ± 0.2
W+jets	4.3 ± 0.8	0.4 ± 0.1	0.4 ± 0.1
Z+jets (e, μ, or jet misidentified as τ_h)	0.7 ± 0.2	<0.1	<0.1
$t\bar{t}$	1.3 ± 0.2	3.4 ± 0.5	1.2 ± 0.2
Di-bosons + single top quark	5.7 ± 1.0	1.1 ± 0.2	0.5 ± 0.1
SM Higgs boson	3.7 ± 1.3	0.6 ± 0.2	0.2 ± 0.1
Total expected	163.9 ± 11.4	28.6 ± 3.2	5.2 ± 1.1
Observed data	165	26	1

Resonant analysis (event yields)			
Process	0 b tags	1 b tag	2 b tags
500 GeV radion $\to$ HH	1.6 ± 0.2	5.7 ± 0.7	6.2 ± 0.8
500 GeV graviton $\to$ HH	2.4 ± 0.3	7.8 ± 0.9	7.6 ± 0.9
$Z \to \tau\tau$	130.6 ± 13.8	19.8 ± 3.4	2.7 ± 1.0
Multijet	92.7 ± 8.1	12.6 ± 2.2	1.8 ± 0.6
W+jets	8.4 ± 1.5	0.8 ± 0.3	0.4 ± 0.1
Z+jets (e, μ or jet misidentified as τ_h)	1.6 ± 0.5	<0.1	0.2 ± 0.1
$t\bar{t}$	2.5 ± 0.4	5.2 ± 0.7	2.7 ± 0.5
Di-bosons + single top	6.1 ± 1.1	1.7 ± 0.4	0.5 ± 0.1
SM Higgs boson	5.0 ± 1.7	0.7 ± 0.2	0.2 ± 0.1
Total expected	246.8 ± 13.9	40.6 ± 3.9	8.4 ± 1.3
Observed data	268	39	4