

	Model	HH	HH	ZH	ZH
	Gluino mass (GeV)	1300	2200	1300	2200
Total yield at $35.9 \text{ fb}^{-1}$		1660	12.8	1651	12.9
+	Lepton & isolated track vetoes	1253	10.1	1277	10.3
+	$\Delta\phi_{1,2,3,4}$	1037	8.3	1049	8.4
+	$\text{HT} > 600 \text{ \& } p_{\text{T}}^{\text{miss}} > 300 \text{ GeV}$	886	7.8	834	7.6
+	$\geq 2$ AK8 jets with $p_{\text{T}} > 300 \text{ GeV}$	602	6.5	523	5.4
+	Jet 1,2 mass $\in [50, 250 \text{ GeV}]$	374	4.1	313	3.3
+	Jet 1,2 mass $\in [85, 135 \text{ GeV}]$	209	2.5	101	1.0
+	One or two H-tags	168	2.0	67	0.6