

Selection	QCD	$t\bar{t}$	W+jets	Z+jets
$p_T(J_{1,2}) > 200 \text{ GeV}, \eta(J_{1,2}) < 2.4$	1.2	6.4	2.0	1.3
$R_T > 0.15$	1.3	12.1	18.5	34.6
$\Delta\eta(J_1, J_2) < 1.5$	94.9	88.0	85.1	78.8
$m_T > 1.5 \text{ TeV}$	0.20	3.1	4.0	5.6
$N_\mu = 0$	93.0	62.0	66.0	99.5
$N_e = 0$	99.6	59.8	57.3	99.6
$p_T^{\text{miss}}$ filters	99.5	99.9	99.9	99.9
$\Delta R(j_{1,2}, c_{\text{nonfunctional}}) > 0.1$	60.6	95.1	95.2	95.6
veto $f_\gamma(j_1) > 0.7$ & $p_T(j_1) > 1.0 \text{ TeV}$	99.7	99.7	99.6	99.7
$\Delta\phi_{\text{min}} < 0.8$	94.8	81.7	61.8	44.7
Efficiency [%]	1.6e-05	0.0060	0.0029	0.0085
high- $R_T$	9.0	29.5	38.8	39.1
low- $R_T$	91.0	70.5	61.2	60.9
high-SVJ2	0.093	0.62	0.46	0.69
low-SVJ2	1.1	1.7	0.92	0.94