

Source	ZH	Z $\gamma$ or Z + jets	WZ	ZZ	WW + top-quark
Integrated luminosity	2.6	—	2.6	2.6	—
Lepton efficiency	3.6	—	3.6	3.6	—
Photon efficiency	3.0	—	—	—	—
Momentum resolution	0.5	—	1	1	—
$E_{\text{T}}^{\text{miss}}$ energy scale	0.5	—	0.6	0.1	—
Jet energy scale	2	—	4	4	—
b-tagging	0.7	—	0.7	0.7	—
Underlying event	3	—	—	—	—
PDF	7.1	—	6.3	7.7	—
Renorm. and factor. scales	7.0	—	10.7	6.5	—
Z/ $\gamma^*$ $\rightarrow \ell^+ \ell^-$ normalization	—	50	—	—	—
Non-resonant dilepton bkgnd norm.	—	—	—	—	70
Jet $\rightarrow \gamma$	—	—	30	30	—
Electron $\rightarrow \gamma$	—	—	10	10	—
Amount of simulated events	3.5	60	10	30	40