

Source of uncertainty	Magnitude	Process
τ_h ID & isolation	5%	All simulations
τ_h energy [†] (1.2% energy shift)	0.1–1.9%	All simulations
e ID & isolation & trigger	2%	All simulations
e energy [†] (1–2.5% energy shift)	0.3–1.4%	All simulations
μ ID & isolation & trigger	2%	All simulations
b veto	0.15–4.50%	All simulations
Diboson theoretical uncertainty	5%	WZ, ZZ
gg \rightarrow ZZ NLO K factor	10%	gg \rightarrow ZZ
t \bar{t} + W/Z theoretical uncertainty	25%	t \bar{t} + W/Z
Signal theoretical uncertainty	Up to 4%, see text	Signal
Reducible background uncertainties:		Reducible bkg.
WH statistical error propagation [†]	1–2%	
WH prompt lepton normalization [†]	2.6% in $e\mu\tau_h$, 4% in $\mu\mu\tau_h$	
ZH prompt lepton normalization [†]	20% in $\ell\ell e\mu$, <1% elsewhere	
WH normalization	20%	
ZH normalization	25–100%	
\vec{p}_T^{miss} energy [†]	Up to 1.5% in WH, <1% in ZH	All simulations
Limited number of events	Stat. uncertainty per bin	All
Integrated luminosity	2.5%	All simulations