

Uncertainty	Magnitude	Correlation years	Correlation final states
τ_h identification	p_T -dependent	0%	100 (0)% for $\ell\tau_h$ ($\tau_h\tau_h$)
τ_h ID, for high $p_T^{\tau_h}$	Event-dependent	100%	100%
τ_h energy scale	0.7–1.2%	0%	100%
Electron misidentified as τ_h	Event-dependent	0%	0%
Muon misidentified as τ_h	Event-dependent	0%	0%
Electron/muon identification	2%	0%	0%
Energy scale for lepton mis-ID as τ_h	1%	0%	0%
Trigger	Event-dependent	0%	0%
Electron energy scale	Event-dependent	100%	100%
Muon energy scale	0.4–2.7%	100%	100%
b jet veto	Event-dependent	partial	100%
Integrated luminosity	2–3%	partial	100%
$t\bar{t}$ cross section	6%	100%	100%
Diboson cross section	5%	100%	100%
Single top quark cross section	5%	100%	100%
Drell–Yan cross section	4%	100%	100%
L1 mistiming	Event-dependent	0%	100%
Z boson p_T reweighting	10%	100%	100%
Top quark p_T reweighting	Event-dependent	100%	100%
JES	Event-dependent	100%	100%
JER	Event-dependent	100%	100%
\vec{p}_T^{miss} unclustered ES	Event-dependent	0%	100%
\vec{p}_T^{miss} recoil corrections	Event-dependent	0%	100%
MF in $\ell\tau_h$	Event-dependent	partial	0%
MF in $\tau_h\tau_h$	Event-dependent	partial	0%
MF in $\tau_h\tau_h$, for $p_T^{\tau_h} > 100\text{ GeV}$	Event-dependent	0%	0%