

Uncertainty	Magnitude	Correlation years	Correlation final states
$\tau_h$ identification	$p_T$	0%	100 (0)% for $\ell\tau_h$ ( $\tau_h\tau_h$ )
$\tau_h$ ID, for high $p_T^{\tau_h}$	Event-dependent	100%	100%
$\tau_h$ energy scale	0.7–1.2%	0%	100%
Electron misidentified as $\tau_h$	Event-dependent	0%	0%
Muon misidentified as $\tau_h$	Event-dependent	0%	0%
Electron/muon identification	2%	0%	0%
Energy scale for lepton misidentified as $\tau_h$	1%	0%	0%
Trigger	Event-dependent	no	no
Electron energy scale	Event-dependent	100%	100%
Muon energy scale	0.4–2.7%	100%	100%
b jet veto	Event-dependent	partial	100%
Luminosity	2–3%	partial	100%
$t\bar{t}$ cross section	4.2%	100%	100%
Diboson cross section	5%	100%	100%
Single top cross section	5%	100%	100%
Drell–Yan cross section	2%	100%	100%
L1 prefiring	Event-dependent	0%	100%
Z boson $p_T$ reweighting	Event-dependent	100%	100%
Top quark $p_T$ reweighting	Event-dependent	100%	100%
Jet energy scale	Event-dependent	100%	100%
Jet energy resolution	Event-dependent	100%	100%
$p_T^{\text{miss}}$ unclustered ES	Event-dependent	no	100%
$p_T^{\text{miss}}$ recoil corrections	Event-dependent	no	100%
FF in $\ell\tau_h$	Event-dependent	partial	0%
FF in $\tau_h\bar{\tau}_h$	Event-dependent	partial	0%
FF in $\tau_h\tau_h$ , for $p_T^{\tau_h} > 100\text{ GeV}$	Event-dependent	0%	0%