

Source	Affected processes	Change in acceptance or shape		
		$e\tau_h$	$\mu\tau_h$	$\tau_h\tau_h$
τ_h identification (correlated)	simulation	4.5%	4.5%	—
τ_h identification (uncorrelated)	simulation	2%	2%	9%
High p_T τ_h	simulation		Shape, up to 8%	
e identification & trigger	simulation	2%	—	—
μ identification & trigger	simulation	—	2%	—
τ_h trigger	simulation	—	—	Shape only
e misidentified as τ_h	$Z \rightarrow ee$	12%	—	—
μ misidentified as τ_h	$Z \rightarrow \mu\mu$	—	25%	—
Jet misidentified as τ_h	$Z + \text{jets}$		Shape only	
τ_h energy scale (per decay mode)	simulation		1.2% on energy scale	
Jet energy scale and effect on p_T^{miss}	simulation		Shape, up to 10%	
p_T^{miss} energy scale	simulation		Shape, up to 11%	
Integrated luminosity	simulation		2.5%	
Norm. W + jets/QCD multijet	W + jets/QCD multijet		up to 20%	
Norm. $t\bar{t}$	$t\bar{t}$		6%	
Norm. diboson	Diboson		5%	
Norm. single top	Single top		5%	
Norm. SM Higgs boson	SM Higgs boson		up to 5%	
Z + jets LO-NLO reweighting	$Z + \text{jets}$		Shape, up to 26%	
W + jets NLO EW correction	W + jets		Shape, up to 6%	
WW NLO EW correction	WW		Shape, up to 12%	
ZZ NLO EW correction	ZZ		Shape, up to 2%	
Top quark p_T reweighting	$t\bar{t}$		Shape, up to 5%	
Theory: Higgs boson branching fraction	Signal + SM Higgs boson		1.7%	
Theory: renorm. and fact. scale	Signal		4%	
Theory: PDF	Signal		2%	
Limited number of events (bin-by-bin)	All processes		Shape only	