

Category	ATLAS		CMS		ρ
Data statistics	Data statistics	5.8%	Fit statistics	8.1%	0.0
Category subtotal		5.8%		8.1%	0.0
Simulation statistics	Sim. statistics	0.5%	Sim. statistics	2.4%	0.0
Category subtotal		0.5%		2.4%	0.0
Luminosity		4.6%		3.0%	—
Category subtotal		4.6%		3.0%	0.31
Theory modelling	ISR/FSR	8.8%	Ren./fact. scale	12.4%	1.0
	NLO matching method	2.5%			—
	Parton shower	1.7%	ME/PS match. thr.	14.1%	1.0
	PDF	0.6%	PDF	1.7%	1.0
	Wt/tf overlap	3.5%	DR/DS scheme	2.1%	1.0
Category subtotal		10.0%	Top p_T reweight.	0.4%	—
				19.0%	0.75
Background normalization	bkg. mod.	2.8%	t \bar{t} cross section	1.7%	0.0
			Z+jets	2.6%	—
Category subtotal		2.8%		3.1%	0.0
Jets	JES common	5.3%	JES	3.8%	0.0
	JES flavour	1.9%			—
	Jet id	0.2%		—	
	Jet res.	6.5%	Jet resolution	0.9%	0.0
Category subtotal		8.6%		3.9%	0.0
Detector modelling	Lepton modelling	3.0%	Lepton modelling	1.8%	0.0
	MET scale	5.5%	MET modelling	0.4%	0.0
	MET resolution	0.2%			—
	b-tagging	1.0%	b tagging	0.9%	0.0
	Pileup	2.7%	Pileup	0.4%	0.0
Category subtotal		6.9%		2.0%	0.0
Total		16.8%		21.7%	0.40