Uncertainty	Contribution to:			
Source	Uncertainty	Cut-based	NN	Applies to samples:
Diboson cross section	50%		√	VV only
Rare top quark process cross sections	50%		\checkmark	tŧV, tŧŧŧŧ
Higgs boson cross section	50%		\checkmark	H only
W+jets cross section	15%	\checkmark	\checkmark	W+jets only
Z+jets cross section	15%		\checkmark	Z+jets only
Integrated luminosity measurement	2.5%	\checkmark	\checkmark	All simulation
Pileup reweighting	$\pm 1\sigma$	\checkmark	\checkmark	All simulation
Jet energy scale	$\pm 1\sigma(p_{\mathrm{T}},\eta)$	\checkmark	\checkmark	All simulation
Jet energy resolution	$\pm 1\sigma(\eta)$	\checkmark	\checkmark	All simulation
Parton distribution functions	$\pm 1\sigma$	\checkmark	\checkmark	t ī , VLQ
Renormalization and factorization scales	$\pm 1\sigma$	\checkmark	\checkmark	t ī , VLQ
CSVv2 discriminant reshaping	δ (wgt., unwgt.)		\checkmark	All simulation
BEST classification fractions	$\pm 1\sigma(p_{ m T})$		\checkmark	QCD multijet
BEST classification scale factor	5%		\checkmark	All simulation
BEST misclassification scale factor	5%		\checkmark	All simulation
Trigger	2%	\checkmark		All simulation
W tag scale factor	$\pm 1\sigma$	\checkmark		All simulation
Soft drop jet mass scale	$\pm 1\sigma$	\checkmark		All simulation
Soft drop jet mass resolution	$\pm 1\sigma$	\checkmark		All simulation
b tag scale factor	$\pm 1\sigma$	\checkmark		All simulation
Extrapolation fit	$\pm 1\sigma$	\checkmark		Background from data
Normalization of 1Wbackground prediction	1.9%	\checkmark		Background from data
Normalization of 2Wbackground prediction	1.1%	✓		Background from data