

Uncertainty source	uncertainty Size	1D fit	2D fit	boosted
b tagging	6–9%	norm	norm	norm
Trigger efficiency	1–2%	norm	norm	norm
Preselection efficiency	1–2%	norm	norm	norm
Electron veto efficiency	1–2%	norm	norm	norm
Pileup	1–4%	norm	norm	norm
Luminosity	1.4%	norm	norm	norm
Photon energy scale	$< 10\%$	shape	shape	shape
Photon energy resolution	$< 10\%$	shape	shape	shape
Jet energy scale	4–9%	norm	shape	norm
Jet energy resolution	1–4%	norm	shape	norm
Higgs boson branching ratio	2 %	norm	norm	norm
ggH, VH, VBF H cross section	1–4%	norm	norm	norm
t \bar{t} H cross section	9%	norm	norm	norm
PDF	1–3%	norm	norm	norm
α_S	1–3%	norm	norm	norm
HH theory cross section	23%	norm	norm	norm
bbH modeling	50%	norm	norm	norm
Bias uncertainty	3–30%	–	norm	–
MC statistics	1–20%	norm	norm	norm