

Source	Processes affected	Uncertainty (combined %)
ggF HH production cross section	ggF HH	+5%/−19%
VBF HH production cross section	VBF HH	2.1%
H → b $\bar{b}$ branching fraction	HH	1.25%
H → VV branching fraction	HH	1.53%
H → b $\bar{b}$ tagging signal efficiency	HH	7–10%
H → VV tagging signal efficiency	HH	16–38%
QCD multijet background uncertainty	QCD multijet	10%
Parton showering	All MC	1–9%
Jet energy scale and resolution	All MC	1–3%
Jet mass scale and resolution	All MC	1–4%
MC statistical uncertainty	All MC	1–30%
QCD renormalization and factorization scale	All MC	7–10%
PDF	All MC	1–4%
Luminosity	All MC	1%
Pileup	All MC	1%
Trigger efficiency	All MC	<1%