

Background uncertainties		
QCD shape parameters	determined by the fit	
QCD bkg. normalization	determined by the fit	
Top quark bkg. normalization	30%	
Z/W+jets bkg. normalization	30%	
Uncertainties affecting the signal	VBF signal	GF signal
JES (signal shape)	2%	
JER (signal shape)	2%	
Integrated luminosity	2.7%	
Branching fraction ($H \rightarrow b\bar{b}$)	1.3%	
JES (acceptance)	1–4%	2–11%
JER (acceptance)	1–2%	1–3%
b-jet tagging	3–9%	2–10%
Trigger	8–15%	6–11%
Theory uncertainties	VBF signal	GF signal
UE & PS	2–7%	10–45%
Scale variation (global)	0.4%	8%
Scale variation (categories)	1%	15%
PDF (global)	2%	3%
PDF (categories)	1–2%	1–2%