

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			
JES (signal shape)	2%	VBF signal	GF signal
JER (signal shape)	10%		
Integrated luminosity	2.6%		
Branching fraction ($H \rightarrow b\bar{b}$)	2.4–4.3%		
JES (acceptance)	6–10%		4–12%
JER (acceptance)	1–4%		1–9%
b-jet tagging	3–9%		3–10%
Quark/gluon-jet tagging	1–3%		1–3%
Trigger	1–6%		5–20%
Theory uncertainties			
UE & PS	2–7%	VBF signal	GF signal
Scale variation (global)	0.2%		7.7–8.1%
Scale variation (categories)	1–5%		1–5%
PDF (global)	2.8%		7.5%
PDF (categories)	1.5–3%		3.5–5%