

$\sqrt{s} = 14 \text{ TeV}$ , 3000 fb<sup>-1</sup> per experiment

Legend:  
Total (grey bar)  
Statistical (blue line)  
Experimental (green line)  
Theory (red line)

**ATLAS and CMS**

*HL-LHC Projection*

Uncertainty [%]

Tot Stat Exp Th

$\sigma_{ggH}^{\gamma\gamma}$

**2.5** 1.3 1.7 1.1

$\sigma_{ggH}^{ZZ}$

**2.5** 1.6 1.6 1.2

$\sigma_{ggH}^{WW}$

**2.5** 1.1 1.1 1.9

$\sigma_{ggH}^{\tau\tau}$

**4.5** 2.3 2.6 2.8

$\sigma_{ggH}^{bb}$

**19.1** 14.5 1.8 12.3

$\sigma_{ggH}^{\mu\mu}$

**11.1** 10.7 1.6 2.3

$\sigma_{ggH}^{Z\gamma}$

**24.4** 22.0 3.5 10.1

0

0.1

0.2

0.3

Expected uncertainty