

Uncertainty source	Relative contribution to $\Delta\mu_{HH}$
Overall statistical uncertainty	80%
Overall systematic uncertainty	60%
Uncertainties in the data-driven background prediction	
Normalization	18%
Bin-by-bin variations	26%
Shape uncertainties	46%
Uncertainties in the signal prediction	
Theoretical uncertainties	19%
Jet energy scale and resolution uncertainties	7%
-tagging uncertainties	5%
Other sources	$< 2\%$