Uncertainty type	N_p	Uncertainty values
SD jet $m_{\mathrm{b\bar{b}}}$ scale	1	0.54%
SD jet $m_{\mathrm{b\bar{b}}}$ resolution	1	8.6%
Luminosity	1	1.6%
PDF+scale	1	spin-0: 2.0%, spin-2: 2.5%
Trigger	6	1ℓ: 2.0%, 2ℓ: 3.0%
Pileup	1	1ℓ: 1.0%, 2ℓ: 0.6%
Electron reconstruction	1	1ℓ: 0.5%, 2ℓ: $< 0.8\%$
Electron identification	2	1ℓ: 4.2%, 2ℓ: $< 2.6\%$
Muon identification	2	1ℓ: 2.3%, 2ℓ: $< 2.3\%$
Electron isolation	1	1ℓ: 6%, 2ℓ: 3% for each electron
Muon isolation	1	1ℓ: 6%, 2ℓ: 2% for each muon
Jet energy scale	1	Υ: 2%, $S(m_{\mathrm{HH}})$: 0.8%, $R(m_{\mathrm{HH}})$: 3%
Jet energy resolution	1	Υ: 0.5%. $S(m_{\mathrm{HH}})$: 0.3%, $R(m_{\mathrm{HH}})$: 4%
Unclustered energy	1	Υ: 0.5%, $S(m_{\mathrm{HH}})$: 0.1%, $R(m_{\mathrm{HH}})$: 1.5%
Other detector effects	2	Υ: 0.6%, $R(m_{\mathrm{HH}})$: 1.0%
AK4 b tag efficiency	1	$< 4.0\%$
AK4 b tag fake rate	1	$< 2.5\%$
$\mathrm{b\bar{b}}$ jet b tagging	1	bL: 8.5%, bT: 11.5%
$\mathrm{q\bar{q}}$ jet τ_2/τ_1 efficiency	1	LP: 26% HP: 6.7%