

## Common experimental uncertainties

	2016	2017	2018
Luminosity uncorrelated	1 %	2 %	1.5 %
Luminosity correlated 2016–2018	0.6 %	0.9 %	2 %
Luminosity correlated 2017–2018	—	0.6 %	0.2 %
Lepton id/reco efficiencies	0.7–10 %	0.6–8.5 %	0.6–9.5 %
Jet energy scale	0.1%–27%	0.1%–33%	0.1%–33%
Background related uncertainties			
Reducible background (Z+X)	25–43 %	23–36 %	24–36 %
Signal related uncertainties			
Lepton energy scale	0.06% (e)–0.01% ( $\mu$ )	0.06% (e)–0.01% ( $\mu$ )	0.06% (e)–0.01% ( $\mu$ )
Lepton energy resolution	10% (e)–3% ( $\mu$ )	10% (e)–3% ( $\mu$ )	10% (e)–3% ( $\mu$ )