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Summary of relative systematic uncertainties

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Common experimental uncertainties

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Luminosity	2.2% (7 TeV), 2.6% (8 TeV)
Lepton identification/reconstruction efficiencies	4–10%

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Background related uncertainties

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QCD scale ( $q\bar{q} \rightarrow ZZ, gg \rightarrow ZZ$ )	3–24%
PDF set ( $q\bar{q} \rightarrow ZZ, gg \rightarrow ZZ$ )	3–7%
Reducible background ( $Z + X$ )	20–40%
Jet resolution and energy scale	2–16%

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Signal related uncertainties

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Lepton energy scale	0.1–0.3%
Lepton energy resolution	20%
Jet energy scale and resolution	3–12%

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Combinatorial signal-induced contribution

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Effect on the final measurement	4–11%
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Model dependence

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With exp. constraints on production modes and exotic models	1–5%
No exp. constraints on production modes and exotic models	7–25%

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