

Systematic source	$\sigma_Z$ [%]	$k_{\text{JES}}$ [%]
Heavy-flavour tagging efficiency	16.6	0.5
Hardware trigger efficiency	1.9	–
GEC efficiency	1.7	–
Jet energy correction	2.7	0.3
Jet energy resolution	1.0	0.2
Jet identification efficiency	2.0	< 0.1
Balancing-jet selection efficiency	1.8	–
Signal model	2.0	0.3
QCD model	1.1	< 0.1
Transfer functions	1.5	0.8
$R$ efficiencies ratio	0.3	< 0.1
Fit bias	2.1	–
Subdominant backgrounds ( $t\bar{t}$ , $W \rightarrow qq'$ )	1.9	< 0.1
Final-state radiation	0.9	–
$f_{Z \rightarrow c\bar{c}}$ fraction	0.1	–
Luminosity	1.2	–
Total	17.7	1.1