

Systematic	From Ref. [14]	This analysis
e-ID	1%(gsf) $\oplus$ 1%(idiso)	1%
$\mu$ -ID	1%(reco) $\oplus$ 1%(id) $\oplus$ 0.5%(iso)	0.5%
e-veto	0.6%(gsf) $\oplus$ 1.5%(idiso)	1%
$\mu$ -veto on QCD V+jets	5%(reco) $\oplus$ 5%(id) $\oplus$ 2%(iso)	2%
$\mu$ -veto on EWK V+2jets	10%(reco) $\oplus$ 10%(id) $\oplus$ 6%(iso)	6%
$\tau$ -veto	1–1.5% for QCD–EWK	0.5–0.75%
b-tag-veto	0.1% (sig) 2% (top)	0.05% (sig) 1% (top)
JES	14%(sig) 2%(W/W) 1%(Z/Z)	4.5%(sig) 0.5%(W/W) 0.2%(Z/Z)
Integrated luminosity	2.5%	1%
QCD multijet	1.5%	1.5%
Theory on W/Z ratio	12.5%	7%
ggH normalisation	24%	20%

different sources of systematic uncertainty considered in Ref. [14] and for the HL-LHC setup considered in this analysis.