

Source	Correlated?
General	
MC sample size	No
SM background normalization	No ¹
Luminosity	Yes
Trigger efficiency	Partially
Pileup	Yes
Trigger timing	Yes

Objects and signal modeling

Lepton efficiency	Yes ²
Jet energy resolution	Yes
Jet energy scale	Yes
b (mis)tagging efficiency	Yes
AK8 bb tagging efficiency	Yes
AK8 jet mass resolution	Yes
ISR modeling	Yes
Scales μ_R and μ_F	Partially

Attributable to the CMS fast simulation

p_T^{miss} modeling	Yes
b (mis)tagging	Yes
b mistagging	Yes
AK8 bb tagging	Yes
AK8 bb mass	Yes