

	Type	Effect	$Z' \rightarrow \tau \bar{\tau}$ [none-none-none]	$Z' \rightarrow \ell \bar{\ell}$ [none-none-none]	$W' \rightarrow \ell \nu$ [none-none-none]	$W' \rightarrow \tau \nu$ [none-none-none]	$V' \rightarrow q \bar{q}$ [none-none-none]	$W' \rightarrow tb$ [none-none-none]	$W' \rightarrow tb$ [none-none-none]	$Z' \rightarrow t \bar{t}$ [none-none-none]	Effect	$Z' \rightarrow ZH$ [none-none-none]	$Z' \rightarrow ZH$ [none-none-none]	$W' \rightarrow WZ$ [none-none-none]	$W' \rightarrow WZ$ [none-none-none]	$V' \rightarrow WV/WH$ [none-none-none]	$V' \rightarrow VV/VH$ [none-none-none]
Sig. PDF and QCD	Y, S	2.0–20%	Sg	—	—	Sg	—	Sg	—	Sg	0.3–30%	Sg	Sg	Sg	Sg	Sg	Sg
Bkg. PDF and QCD	Y, S	2.0–50%	Bg	—	Bg	Bg	—	Bg	Bg	Bg	0.1–20%	Bg	—	—	Bg	—	—
Bkg. modeling	Y, S	1.0–100%	Bg	U	Bg	Bg	U	Bg	Bg	Bg	4.0–50%	U	U	Bg	Bg	Bg	Bg
Jet energy scale/res.	Y, S	1.0–40%	—	—	SB	SB	Sg	SB	SB	SB	0.2–35%	SB	Sg	SB	SB	Sg	SB
Jet mass scale/res.	Y, S	2.0–5.0%	—	—	—	—	—	—	—	—	0.3–2.6%	SB	—	SB	SB	SB	Sg
H tagging	Y	—	—	—	—	—	—	—	—	—	0.4–15%	Sg	Sg	—	—	Sg	SB
V tagging	Y	—	—	—	—	—	—	—	—	—	1.2–33%	—	—	SB	SB	Sg	SB
t tagging	Y, S	21–36%	—	—	—	—	—	—	—	SB	1.0–3.0%	—	—	—	—	—	Bg
b tagging and veto	Y, S	1.0–23%	SB	—	—	—	—	SB	SB	SB	0.1–15%	SB	Sg	SB	SB	Sg	—
e, μ id., iso., trigger	Y, S	0.5–8.0%	SB	Sg	SB	SB	—	—	SB	SB	0.9–7.0%	SB	Sg	SB	—	SB	—
e, μ energy scale/res.	Y, S	1.0–6.0%	Sg	Sg	SB	SB	—	—	SB	—	0.1–3.0%	Sg	—	SB	—	Sg	—
τ_h reco., id., iso.	Y	5.0–10%	Sg	—	—	SB	—	—	—	—	—	—	—	—	—	—	—
τ_h energy scale	Y, S	1.5–5.0%	Sg	—	—	SB	—	—	—	—	—	—	—	—	—	—	—
Luminosity	Y	1.2–2.5%	SB	Sg	SB	SB	Sg	SB	SB	SB	1.2–2.5%	SB	Sg	SB	SB	Sg	SB
p_T^{miss} scale	Y, S	2.0–5.0%	—	—	SB	SB	—	—	—	—	0.1–2.4%	SB	—	—	SB	Sg	—
Pileup	Y, S	0.6–5.0%	—	—	SB	SB	—	SB	SB	SB	0.1–4.0%	SB	Sg	SB	SB	Sg	SB
L1 trigger inefficiency	Y, S	0.5–5.0%	—	—	SB	SB	—	SB	—	—	0.2–1.0%	—	Sg	SB	SB	—	SB