

Source	α_{VBF}	$\alpha_{\text{ggF/DY}}$	VBF SR	VBF CR	ggF/DY SR	ggF/DY CR
Luminosity	—	—	1.6	1.6	1.6	1.6
τ_{21} SF	—	—	7.3 (17.0)	7.3 (17.0)	7.3 (17.0)	7.3 (17.0)
τ_{21} p_{T} extrap.	—	—	2–18 (1–10)	2–18 (1–10)	2–18 (1–10)	2–18 (1–10)
Pileup	—	—	3.9 (3.9)	2.0 (3.7)	1.0 (0.8)	1.7 (0.9)
b jet veto	—	—	2.4 (2.9)	3.5 (3.2)	1.8 (2.2)	2.8 (2.6)
Prefiring	—	—	0.7 (0.6)	0.8 (0.7)	0.3 (0.2)	0.4 (0.3)
Unclustered energy	—	—	2.4 (1.6)	1.8 (1.4)	1.8 (1.3)	1.6 (1.5)
JMS	—	—	0.5 (0.4)	1.8 (0.5)	0.3 (0.3)	1.6 (0.4)
JMR	—	—	1.2 (1.6)	5.9 (0.7)	1.7 (1.01)	7.1 (0.96)
Trigger	—	—	1.4	1.4	1.4	1.4
JES	3.0	1–2	40–13	40–13	4.0	4.0
JER	3.0	1.5	35–13	35–13	2.0	2.0
PDF norm.	—	—	5.0	5.0	2.0	2.0
PDF shape	3.0	1.5	0.5–4	0.5–4	0.5–4	0.5–4
$\mu_{\text{R}}, \mu_{\text{F}}$ norm.	—	—	15	15	11	12
$\mu_{\text{R}}, \mu_{\text{F}}$ shape	1–2	1–2	1–10	2–4	3–8	3–4
Nonclosure	7–40	7–40	—	—	—	—