

Channel / Source	ee signal (%)	ee bkgd. (%)	$\mu\mu$ signal (%)	$\mu\mu$ bkgd. (%)	$e\mu$ signal (%)	$e\mu$ bkgd. (%)
<u>Simulation:</u>						
SM cross section	–	12–14 (15–27)	–	13–18 (22–41)	–	12–14 (16–30)
Jet energy scale	2–5 (0–1)	2–6 (5–6)	2–8 (0–1)	3–5 (4–7)	1–6 (0–1)	1–4 (3)
Jet energy resolution	1–2 (0–0.3)	1–2 (2–6)	1–2 (0–0.3)	0–0.8 (1–3)	0.8 (0–0.3)	0–0.8 (0–3)
Jet mass scale	0–0.3 (0–0.1)	0–1 (1–3)	0–0.2 (0–0.1)	0–0.3 (0.7)	0–0.1 (0–0.1)	0–0.2 (0–5)
Jet mass resolution	0–0.4 (0–0.3)	0–1 (0–2)	0–0.1 (0–0.2)	0–0.1 (0–0.5)	0–0.4 (0–0.3)	0–0.4 (0–3)
Subjettiness	0–1 (0–8)	0–1.0 (1–7)	0–0.3 (0–8)	0–0.1 (0–8)	0–0.2 (0–8)	0–0.4 (0–8)
Event pileup	2–3 (1)	2 (0–2)	0–1 (0–1)	0–1 (0–3)	0.7 (0.8)	2 (2–4)
Unclustered energy	0–0.7 (0–0.1)	1 (2–5)	0–1 (0–0.1)	0–1 (3–4)	0–0.5 (0–0.1)	0.9 (1–2)
Integrated luminosity	2.5 (2.5)	2.5 (2.5)	2.5 (2.5)	2.5 (2.5)	2.5 (2.5)	2.5 (2.5)
Lepton selection	2–4 (4)	2–4 (2–6)	3 (3–4)	3 (3–5)	2 (3)	2 (2–6)
Trigger selection	3–4 (1)	3 (3–5)	0–0.9 (0–0.4)	0–1 (0–0.8)	3 (0–0.2)	3 (2)
b tagging	0–0.8 (0–1)	0.7 (1)	0–0.5 (0–0.6)	0–1 (1–3)	0–0.7 (0–0.7)	0–1 (1–4)
PDF	0–1.0 (1)		1.0 (1)		0.9 (1)	
α_S	0–0.9 (0–0.03)	<15 (<20)	0–0.9 (0–0.05)	<15 (<20)	0–0.9 (0–0.06)	<15 (<20)
PDF Scale	5–8 (1–2)		5–7 (1–2)		4–8 (1–2)	
<u>Estimated from data:</u>						
Misidentified leptons	–	30 (30)	–	30 (30)	–	30 (30)
Mismeasured charge	–	29–41 (53–88)	–	–	–	–