Source / Channel	ee signal (%)	ee bkgd. (%)	$\mu\mu$ signal (%)	$\mu\mu$ bkgd. (%)	eμ signal (%)	eμ bkgd. (%)
Simulation:						
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)
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)
Theory:						
PDF variation	0–0.7 (0–0.2)	<15 (<20)	0–0.7 (0–0.1)	<15 (<20)	0–0.7 (0–0.2)	<15 (<20)
Scale variation	1–5 (0–0.1)	—	1–4 (0–0.3)	—	1–5 (0–0.2)	—
Estimated from data:						
Misidentified leptons	—	30 (30)	—	30 (30)	—	30 (30)
Mismeasured sign	—	29–41 (53–88)	—	—	—	—