Systematic uncertainty

$$\bigcirc$$
 μ + jets \rightarrow e + jets (0 b-tags)

$$\times$$
 μ + jets \rightarrow e + jets (1 b-tags)

□
$$\mu$$
 + jets \rightarrow e + jets (≥ 2 b-tags)

$$\triangle$$
 0 b-tags \rightarrow 1 b-tag (μ + jets)

$$\oplus$$
 1 b-tags \rightarrow 2 b-tag (μ + jets)

$$\Rightarrow$$
 e + jets \rightarrow γ + jets (0 b-tags)

$$\nabla$$
 e + jets $\rightarrow \gamma$ + jets (1 b-tags)

$$\Diamond \mu + \text{jets} \rightarrow \mu\mu + \text{jets}$$
 (0 b-tags)

$$\times$$
 μ + jets \rightarrow μμ + jets (0 b-tags) \times μ + jets \rightarrow μμ + jets (1 b-tags)

★ ee + jets
$$\rightarrow \gamma$$
 + jets (0 b-tags)
+ ee + jets $\rightarrow \gamma$ + jets (1 b-tags)

$$\times \alpha_{\mathsf{T}} < \alpha_{\mathsf{T}}^{\mathsf{cut}} \rightarrow \alpha_{\mathsf{T}} > \alpha_{\mathsf{T}}^{\mathsf{cut}}$$

$$\bigcirc$$
 N_{iet} = 2 \rightarrow N_{iet} = 3 (e + jets)

•
$$N_{\text{jet}} = 4 \rightarrow N_{\text{iet}} \ge 5 \text{ (e + jets)}$$

$$\blacksquare \ \mathsf{N}_{\mathsf{iet}} = \mathsf{2} \ \to \mathsf{N}_{\mathsf{iet}} = \mathsf{3} \ (\mathsf{ee} + \mathsf{jets})$$

$$Arr$$
 $N_{\text{iet}} = 4 \rightarrow N_{\text{iet}} \ge 5 \text{ (ee + jets)}$