iNaturalist-2018 (Cross-Entropy) .SIZ 10,000 $1,000 \pm$ set 100 10 $\alpha = 0.1$ 0.0 \mathbf{z} 0 Ω_{andard} $\sim 0.2_{\rm andard}$ $(\alpha = 0.05)$ 0.8 Standard $1.Q_{\alpha=0.01)}$ 0.80.9 $0.(\frac{1}{\alpha} = 0.2)$ * Standard * Classwis Under Cov 2ap * MarginalCov F1 Classwise Classwise $(\alpha = 0.01)$ $(\alpha = 0.1)$ Raw Fuzzy $(\alpha = 0.1)$ Raw Fuzzy $(\alpha = 0.2)$ Raw Fuzzy $(\alpha = 0.05)$ Raw Fuzzy $(\alpha = 0.01)$ Fuzzy Fuzzy Fuzzy $(\alpha = 0.1)$ Fuzzy $(\alpha = 0.2)$ $(\alpha = 0.05)$ $(\alpha = 0.01)$ Raw Fuzzy- $\Pi_{\rm random}$ ($\alpha = 0.1$) Raw Fuzzy- $\Pi_{\rm random}$ ($\alpha = 0.2$) Raw Fuzzy- $\Pi_{\rm random}$ ($\alpha = 0.01$) Raw Fuzzy- $\Pi_{\rm random}$ ($\alpha = 0.05$)

 \longrightarrow Fuzzy- $\Pi_{\rm random}$

 $(\alpha = 0.05)$

 \longrightarrow Fuzzy- $\Pi_{\rm random}$

 $(\alpha = 0.2)$

 \longrightarrow Fuzzy- $\Pi_{\rm random}$

 \longrightarrow Fuzzy- $\Pi_{\rm random}$

 $(\alpha = 0.1)$