

Deep Imbalanced Regression

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Deep Imbalance Regression - Overview

Deep Imbalanced Regression

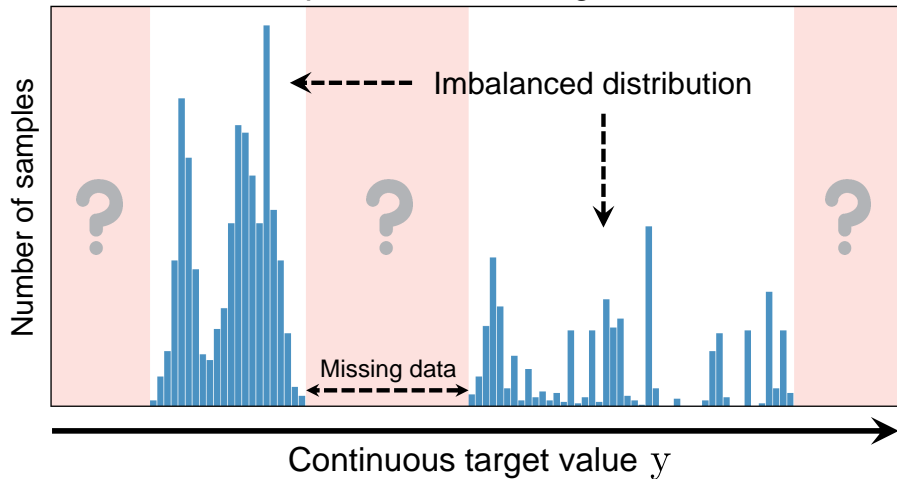
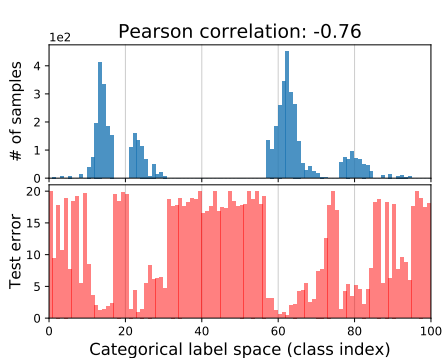
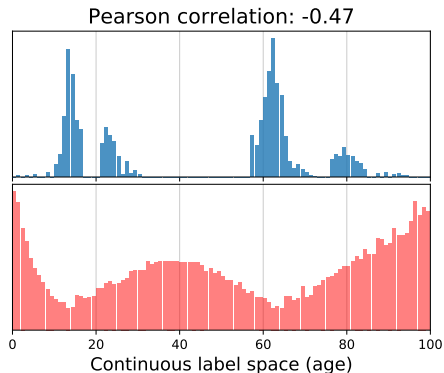


Image credit: [Yang et al. \(2021\)](#)

Test Error on Categorical vs. Continuous Label Space



(a) CIFAR-100 (subsamped)



(b) IMDB-WIKI (subsamped)

Image credit: [Yang et al. \(2021\)](#)

Label Distribution Smoothing

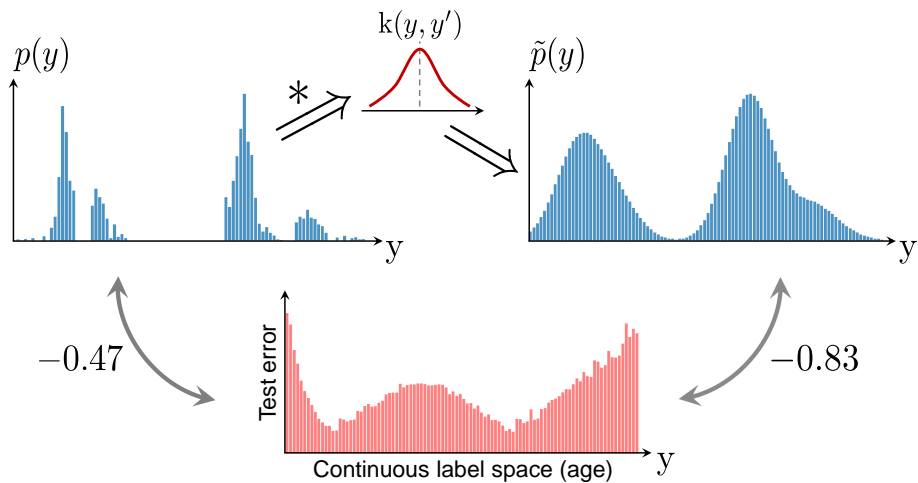


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Feature Distribution Smoothing

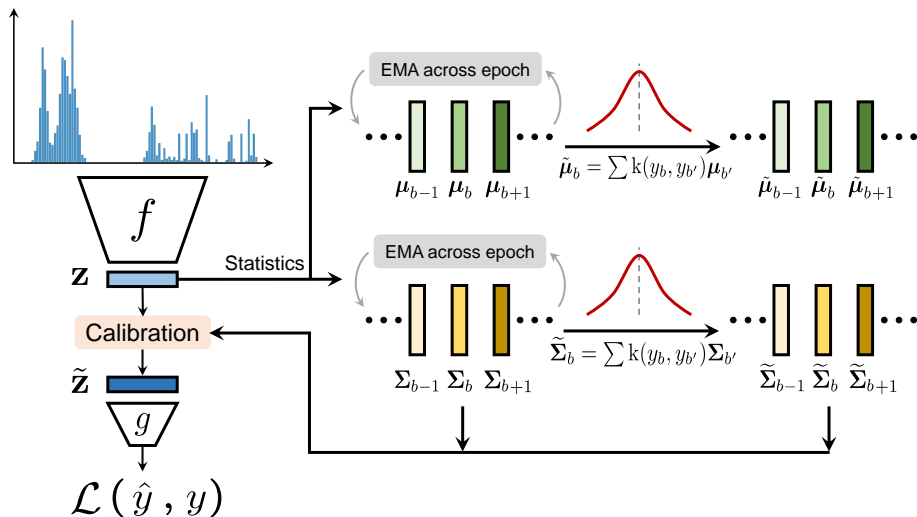


Image credit: [Yang et al. \(2021\)](#)

References

Yang, Yuzhe et al. (2021). “Delving into deep imbalanced regression”. In: *International conference on machine learning*. PMLR, pp. 11842–11851.