

# Deep Imbalanced Regression

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# Deep Imbalance Regression - Overview

## Deep Imbalanced Regression

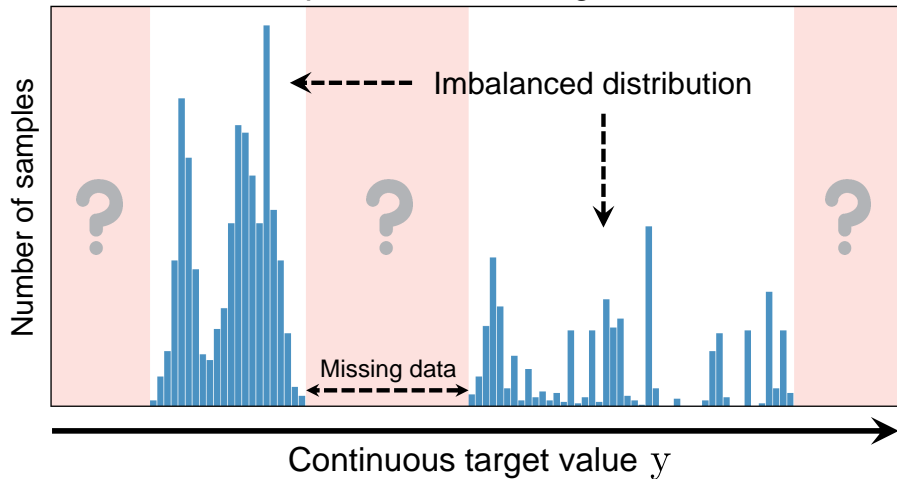
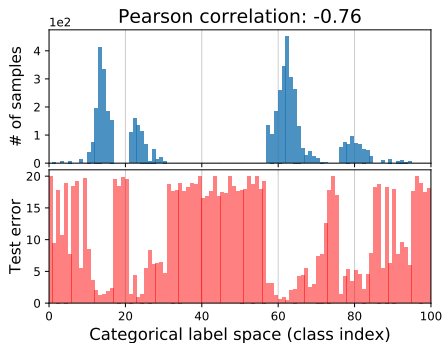
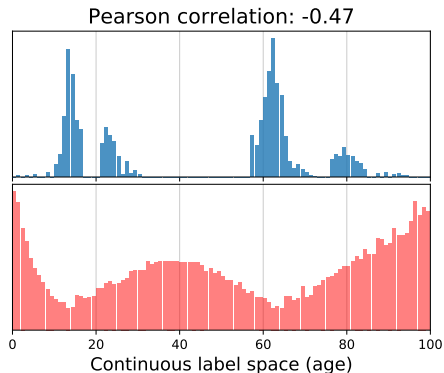


Image credit: [Yang et al. \(2021\)](#)

# 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

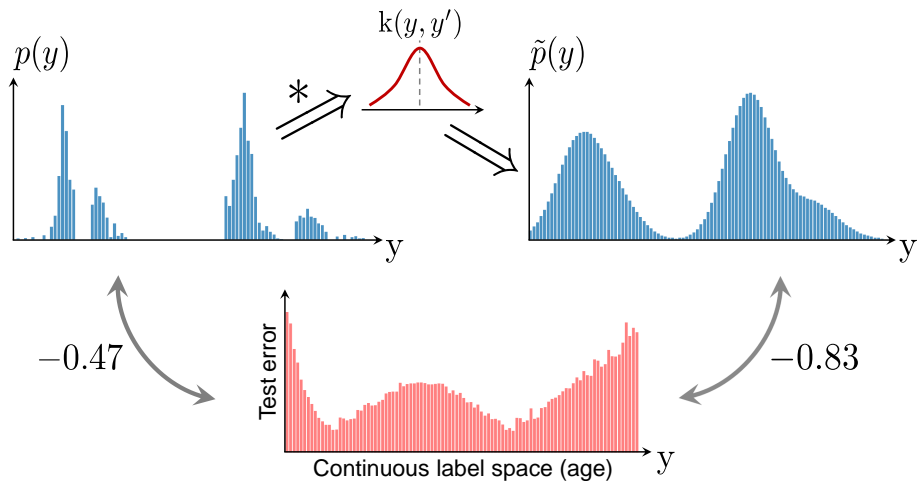


Image credit: [Yang et al. \(2021\)](#)

# Feature Distribution Smoothing

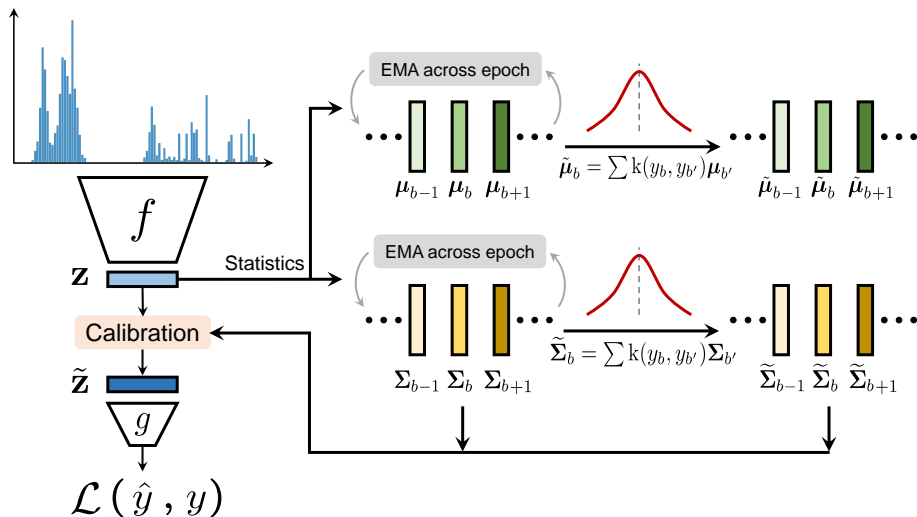


Image credit: [Yang et al. \(2021\)](#)