记录阅读、代码等进度

第一篇 A Baseline for Detecting Misclassified and Out-of-Distribution Examples in Neural Networks 错误分类基准线

ABSTARCT

The **methodology** is to use the probabilities from the SoftMax Distributions.

Rationale: The correctly classified examples tend to haver greater maximum probabilities than erroneously classified and OOD examples.

Method is that the paper test the performance over many tasks in various fields

The **result** is a baseline to determine what is an OOD

INTRODUCTION

Gaussians Noise: named after Carl Gauss, is a term from signal processing theory denoting a kind of signal noise that has a probability density function equal to that of the normal distribution (which is also known as the Gaussian distribution).

$$p_G(z) = \frac{1}{\sigma\sqrt{2\pi}} e^{-\frac{(z-\mu)^2}{2\sigma^2}}$$