

Logistic Regression

Juan Camilo Martinez
Universidad de los Andes
Departamento de Ingeniera Industrial
`jc.martinez10@uniandes.edu.co`

Abstract

Logistic regressions are some of the most widely used tools in the world of statistical learning. This work presents an adaptation of the method to classify images.

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1. Introduction

Loss or cost functions present an important tool in machine learning. They indicate the performance of a statistical model.

In logistic regressions, cross entropy measures the difference in the probability distribution of labels. The lower the loss value, the closer the model's prediction is to the ground truth

2. Methodology

References