
The Effect of Image Interpolation on the Generalization of Generative and Discriminative Models

William Watson
Johns Hopkins University
billwatson@jhu.edu

Abstract

In statistical classification, there are two main approaches to learning: *generative* and *discriminative*. In computer vision, *image interpolation* is a method to rescale images analogous to dimensionality reduction. We explore the generalization ability of generative-discriminative pairs when interpolating images to smaller sizes.

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