

Visualization for Machine Perception

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Fig. 1. Here is a fish.

Abstract—TODO

Index Terms—Machine Perception, Deep Learning

1 INTRODUCTION

2 RELATED WORK

- [3] Cleveland McGill experiments
- [15] Comparing linegraph vs. scatterplot
- [4] [6] [10] 2D vs. 3D Evaluation (vector fields)
- [9] [13] [16] [14] color maps
- 2d vs. 3d + color [1]
- black hat vis [5]
- timeseries [8]
- munzner [11]
- open vs. closed shaped [2]
- visualization ranking [7]

Pineo et al. [12] present a method to automatically evaluating and optimizing visualizations using a computational model of human vision, based on a neural network simulation of the early perceptual processing in the retina and primary visual cortex. [JT] Copied from their abstract.

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