Programming Project 03

Francèl Lamprecht, Christine Robinson, Regina Wehler

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Contents

1 Introduction

This is a dummy sentence that shows how citations work (Adams et al., 2018).

2 Methodology

Short overview of the pipeline.

2.1 Segmentation

Trainable Weka stuff

2.2 Object Recognition

Watershed

2.3 Object Analysis

Particle Analyzer and additional stuff until csv export

2.4 Explorative Data Analysis

Everything in Python

3 Results

4 Discussion & Outlook

5 References

Adams, T., Dörpinghaus, J., Jacobs, M., and Steinhage, V. (2018). Automated lung tumor detection and diagnosis in CT Scans using texture feature analysis and SVM. In *Communication Papers of the 2018 Federated Conference on Computer Science and Information Systems*, Annals of Computer Science and Information Systems, pages 13–20. PTI.