

2D / 3D Medical Image Analysis with Deep Learning

Short description:

Test and evaluate Deep Learning Tools for the analysis of medical data

Goal:

The objective of this interdisciplinary project between Computer Science and Medicine is to test and evaluate Deep Learning Tools and Frameworks for the automatic analysis of medical data. On one hand, this could be an automatic detection of abnormalities in patient scans. On the other hand, this could be a precise segmentation of a pathology.

Note: Biomedical Engineering Students are welcome!

Keywords:

Deep Learning, Image Analysis, Computer Vision, Detection, Segmentation, Visualization, Machine Learning

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