

Accepted Manuscript

Relative location prediction in CT scan images using convolutional neural networks

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PII: S0169-2607(17)31217-8
DOI: [10.1016/j.cmpb.2018.03.025](https://doi.org/10.1016/j.cmpb.2018.03.025)
Reference: COMM 4665



To appear in: *Computer Methods and Programs in Biomedicine*

Received date: 29 September 2017
Revised date: 26 March 2018
Accepted date: 27 March 2018

Please cite this article as: Jiajia Guo , Hongwei Du , Jianyue Zhu , Ting Yan , Bensheng Qiu , Relative location prediction in CT scan images using convolutional neural networks, *Computer Methods and Programs in Biomedicine* (2018), doi: [10.1016/j.cmpb.2018.03.025](https://doi.org/10.1016/j.cmpb.2018.03.025)

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Highlight:

- It is a regression model based on 1D-CNN for predicting the relative location of CT scan images.
- A public dataset in the UCI repository was used to evaluate the proposed model.
- The accuracy and speed of the proposed model outperformed other machine learning-based methods by a large margin.
- The performance of the proposed model on small datasets was also better than that of the KNN model.

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