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Relative location prediction in CT scan images using convolutional neural networks

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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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