

Review of: "Automated human cell classification in sparse datasets using few-shot learning"

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Potential competing interests: The author(s) declared that no potential competing interests exist.

This paper describes the limitations of existing deep learning in small-sample learning technology, and shows that it is impossible to improve the accuracy of medical image classification only by modifying the existing network architecture.

Some parts of the article need to be modified:

1. References cited too many arXiv, such as literature 14, 19, 25, etc. Try to cite published literature.
2. In the article, it is only stated that modifying the existing network architecture is invalid, but no relevant solutions are given on how to improve the accuracy of the network
3. The article only compares the data sets BCCD and HEP-2, and some experimental support needs to be added
4. The experiments of the article are based on mini-ImageNet as the training dataset, and other datasets need to be compared as the training dataset.