Comparing the performance of models based on epochs and preprocessing

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Abstract

1   abstract

1   Introduction

Introductuion

2   Background

1. about U-Net, U-Net ++

2. about augmentation

3   Method

0. Data Loader 1. U-Net epoch 100 with augmentation

2. U-Net epcho 150 with augmentation

3. U-Net++ epoch 150 with augmentation

4. U-Net epoch 150 without augmentation

4   Result

The performance of the U-Net and U-Net++ models according to the number of epoxies and preprocessing is shown below.

Using the U-Net model to train 150 epoxies, the model without preprocessing had the best average IoU value of 0.76 and the best pixel accuracy of 0.91. Next, the model trained on 150 widths with U-Net performed well, with an IoU value of 0.67 and a pixel accuracy of 0.88.

5   Conclusion

Conclusion

References

[1] U-Net paper

[2] U-Net ++ paper