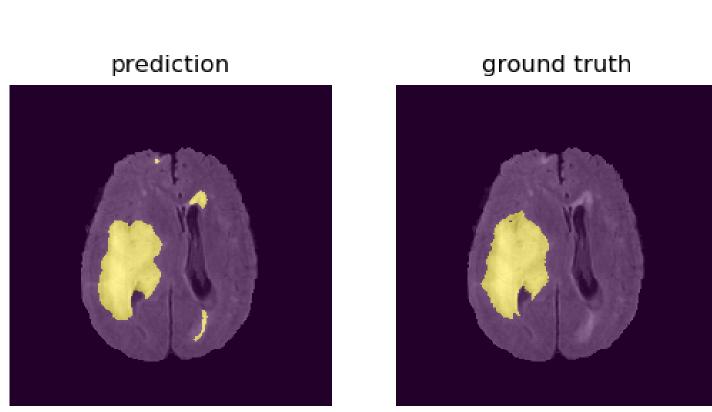
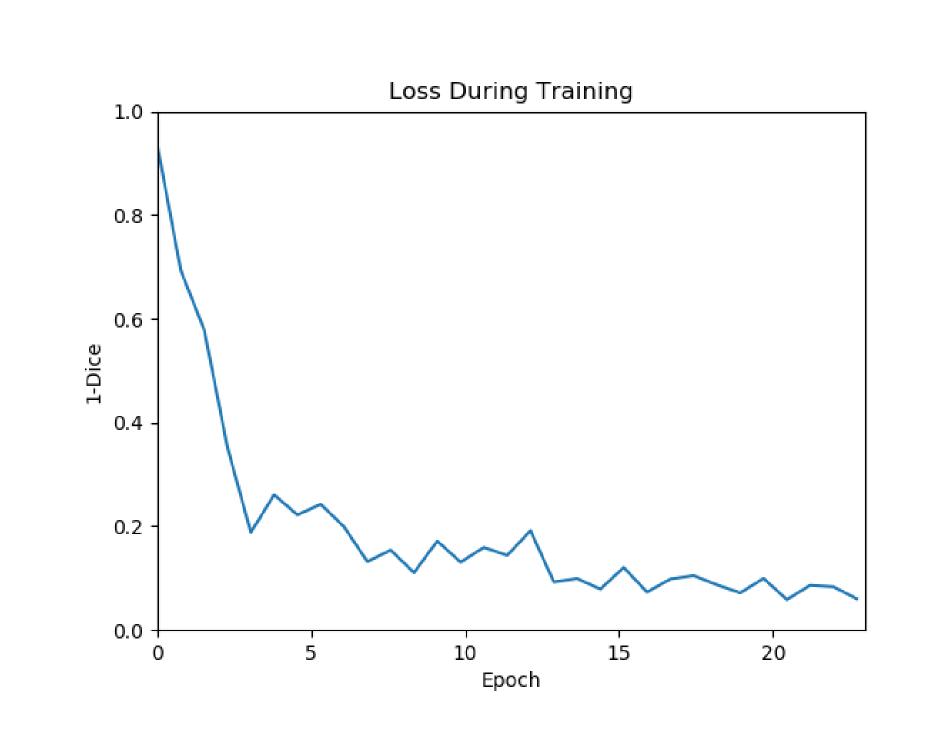
Brain Tumor Segmentation with Random Forest and U-Net

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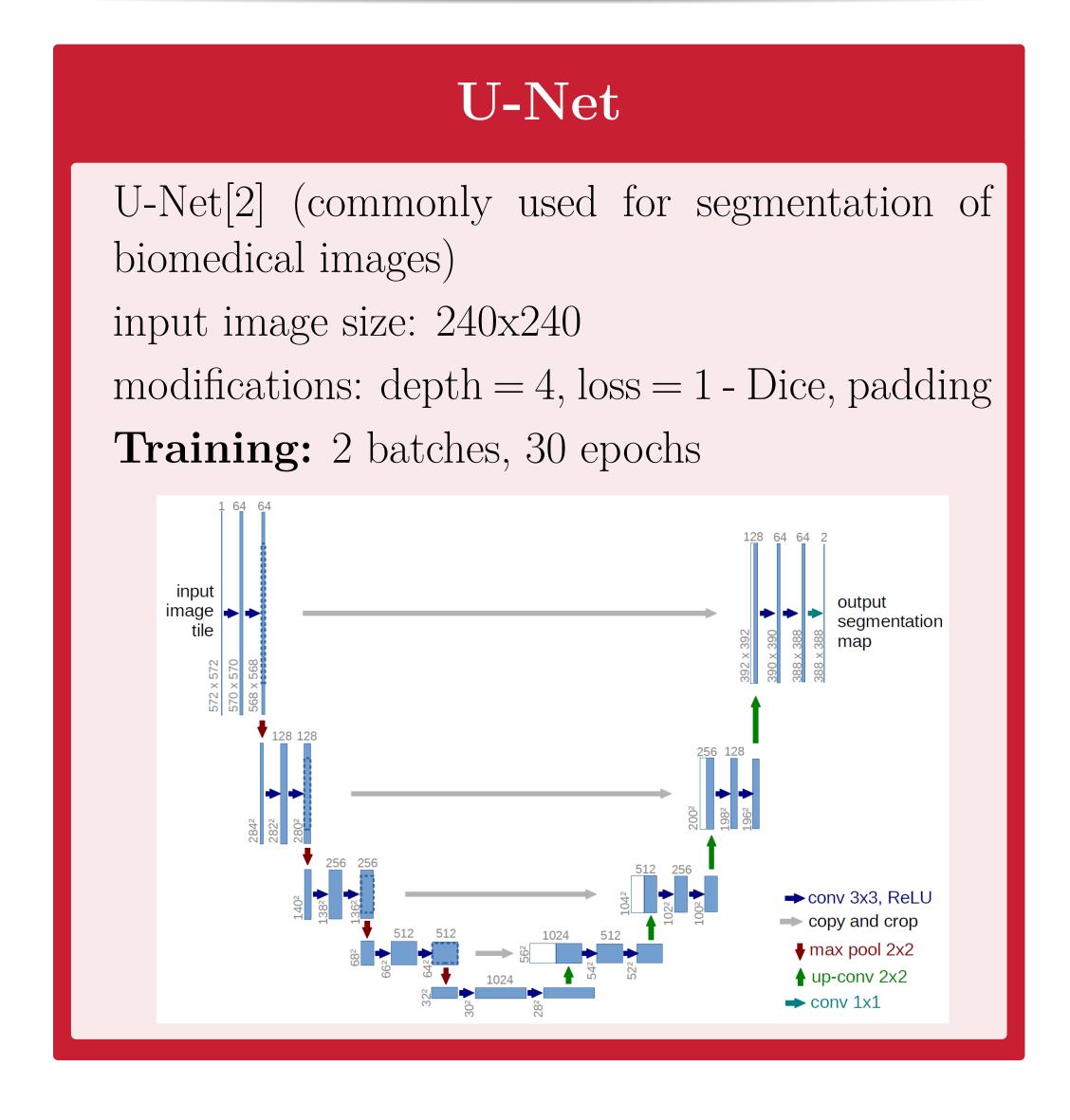
U-Net: Results

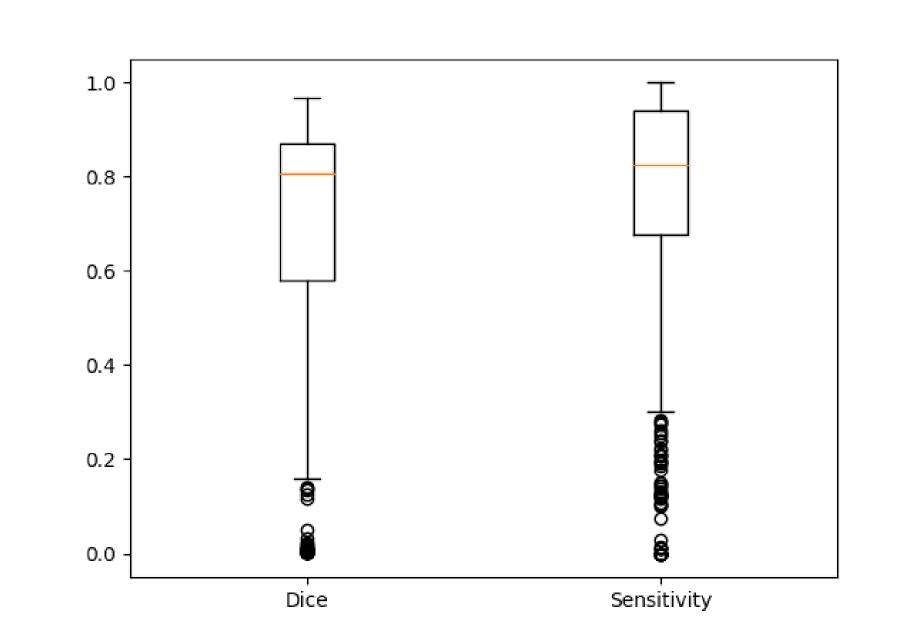


Results



Methods





Important Result

	Dice [%]	Sensitivity [%]
Random Forest	65.9	77.1
U-Net	69.3	73.1

Conclusion

Additional Information

References

- [1] M. Ristin, M. Guillaumin, J. Gall, and L. Van Gool. Incremental learning of random forests for large-scale image classification.
 - IEEE Transactions on Pattern Analysis and Machine Intelligence, 38(3):490–503, March 2016.
- [2] Olaf Ronneberger, Philipp Fischer, and Thomas Brox. U-net: Convolutional networks for biomedical image segmentation.
- In International Conference on Medical image computing and computer-assisted intervention, pages 234–241.

 Springer, 2015.

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