Our method segments the brain tissues with an end-to-end neural network, called MixNet. Features of multiply scales and modalities (T1, T1-IR, T2-FLAIR) are aggregated to make the predictions. The network is trained only with the 5 subjects provided by the chanllenge. It takes about 600 seconds to predict 15 subjects (including model loading).

For details of the method, refer to MICCAI MRBrainS2018 (http://mrbrains18.isi.uu.nl/clong).

The detailed paper “MixNet: Multi-modality Mix Network for Brain Segmentation” will be included in the challenge proceeding of BrainLes Workshop(http://www.brainlesion-workshop.org/).

The code (tensorflow) and trained models will be available unter:
https://github.com/looooongChen/MRBrainS-Brain-Segmentation