Method Description

A fully convolutional network is proposed and trained in supervised manner using Vaihingen 2D labeling dataset. To generates training and validation subsets, each tile from provided dataset is subdivided into 256 by 256 patches. 80 percent of these patches are used for training and the rest is saved for validation.
In the proposed training methodology feature maps with different fields-of-view are aggregated in order to generate refined segmentation.

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