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Step-wise Integration of Deep Class-specific Learning for
Dermoscopic Image Segmentation

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Highlights

- A new dermoscopic segmentation method based on learning class-wise deep features
- A class-specific model helps balance the contribution of melanoma and non-melanoma data
- A step-wise refinement approach iteratively maximises the segmentation map agreement
- A probability based integration approach combines the relevant complementary segmentation results
- We achieve higher accuracy compared to the state-of-the-art methods on 3 datasets

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