

Student Name: Dominik Heindl

Student ID: B17364

Bachelor Defence Protocol

Assessment proposed by the supervisors: Successful defence

Assessment proposed by the reviewer: Successful defence

Questions:

1. Can you explain the self-trained approach for the attention models in more detail?
2. Did you use patches of the high-resolution images or very downscaled images for pre-training?
3. How expensive are the baseline models and attention models regarding computation?
4. Is there a difference between VGG and ResNet in terms of computation for the embedding creation process?
5. Which initialization scheme did you use for self-trained networks?
6. When would it be preferable to use random initialization instead of initializing with pre-trained weights?
7. Did you consider weighting of samples because of the class imbalance?
8. Do you have an intuition why the attention weights of the models with self-trained features provide better visualization?
9. How did you select the examples for visualization?
10. How did you get the insights that ResNet provides a better visualization?

Assessment: Excellent

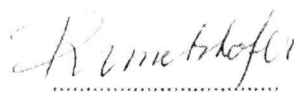
Date of defence: 24.11.2020

Markus Hofmarcher, MSc



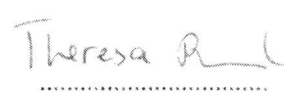
Supervisor

Elisabeth Rumetshofer, MSc



Supervisor

DI Dr. Theresa Roland



Reviewer

