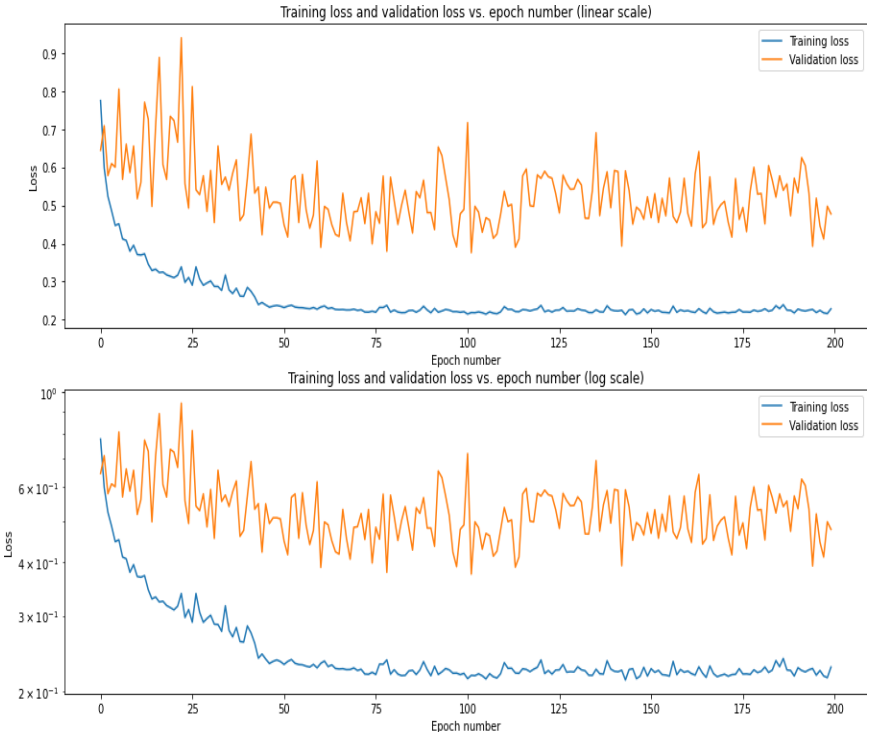
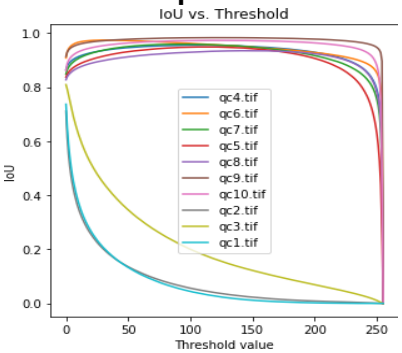
Quality Control report for Unet 2D model (model_training1)
Date: 2022-12-16

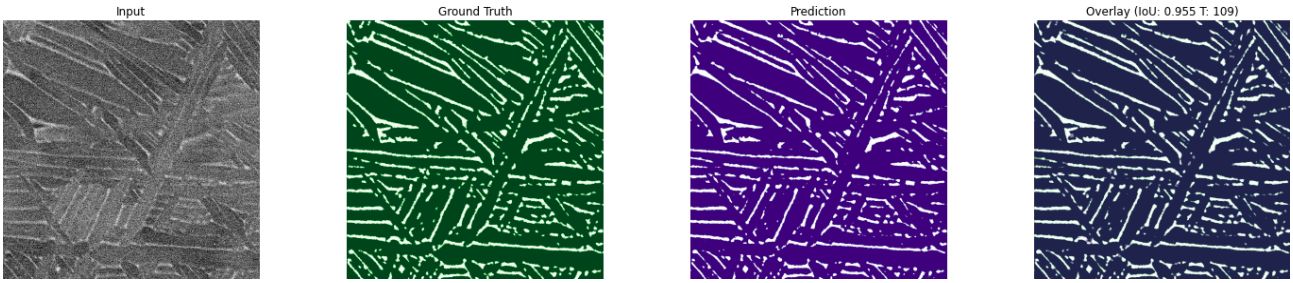
Loss curves



Threshold Optimisation



Example Quality Control Visualisation



Quality Control Metrics

File name	IoU	IoU-optimised threshold
qc4.tif	0.955	109.0
qc6.tif	0.974	30.0
qc7.tif	0.959	97.0
qc5.tif	0.949	116.0
qc8.tif	0.935	145.0
qc9.tif	0.983	123.0

qc10.tif	0.973	124.0	
qc2.tif	0.711	0.0	
qc3.tif	0.809	0.0	
qc1.tif	0.737	0.0	

References:

- ZeroCostDL4Mic: von Chamier, Lucas & Laine, Romain, et al. "Democratising deep learning for microscopy with ZeroCostDL4Mic." Nature Communications (2021).
- Unet: Ronneberger, Olaf, Philipp Fischer, and Thomas Brox. "U-net: Convolutional networks for biomedical image segmentation." International Conference on Medical image computing and computer-assisted intervention. Springer, Cham, 2015.

To find the parameters and other information about how this model was trained, go to the training_report.pdf of this model which should be in the folder of the same name.