

Segmentation apical lesions 27-11-2020

Reshaped to 224x224 px

Batch size: 16

Learning rate: 5e-5

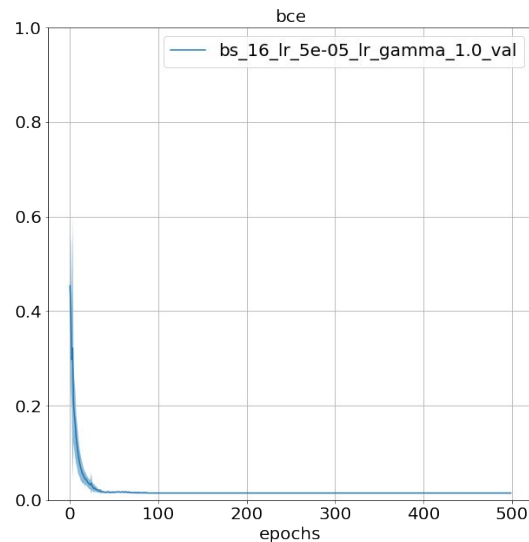
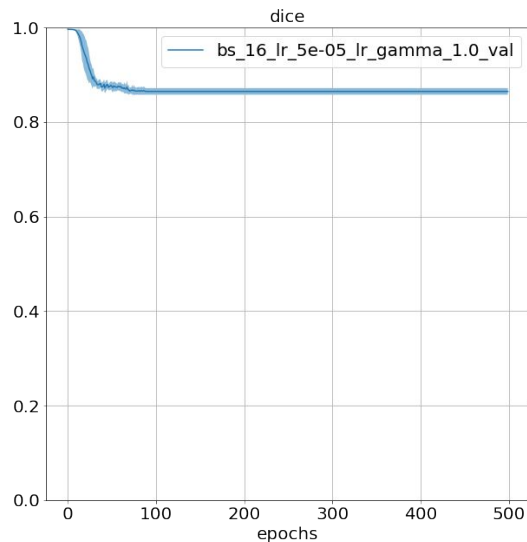
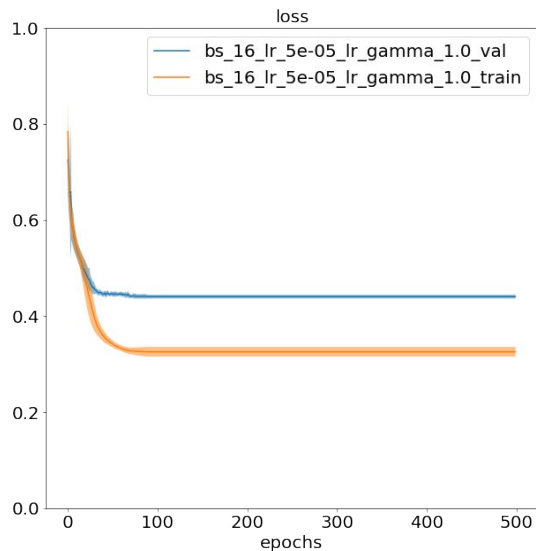
No img augmentation

Model: U-net

IoU = 1 - dice loss

Results on test data:

loss	Dice loss	bce
0.362 ± 0.040	0.712 ± 0.077	0.013 ± 0.002



input



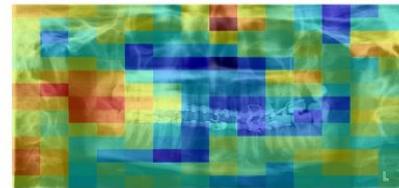
ground truth



prediction



GradCAM



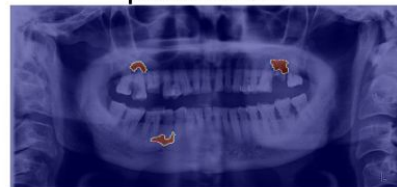
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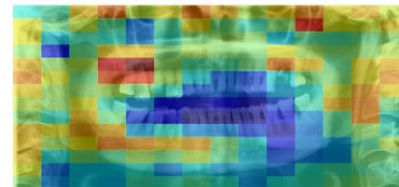
ground truth



prediction



GradCAM



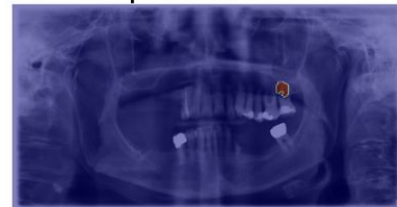
input



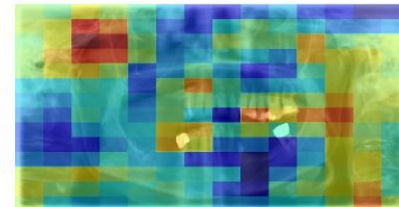
ground truth



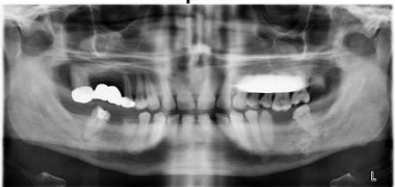
prediction



GradCAM



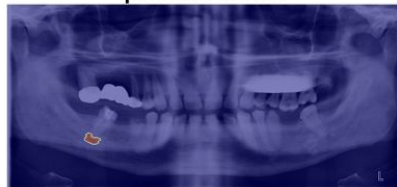
input



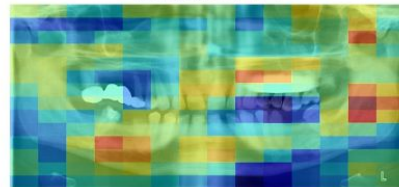
ground truth



prediction



GradCAM



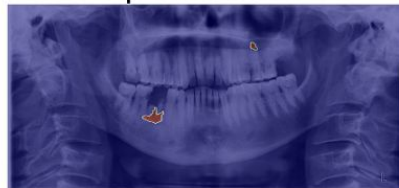
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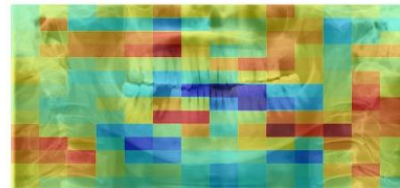
ground truth



prediction



GradCAM



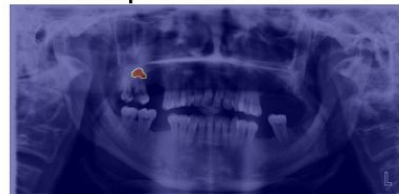
input



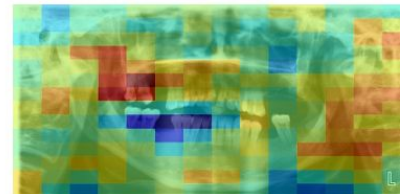
ground truth



prediction



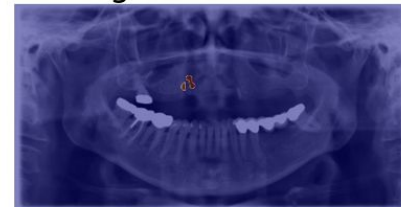
GradCAM



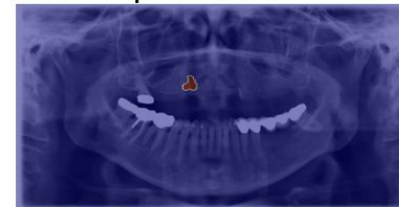
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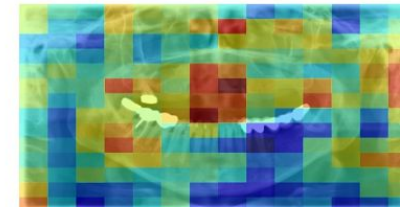
ground truth



prediction



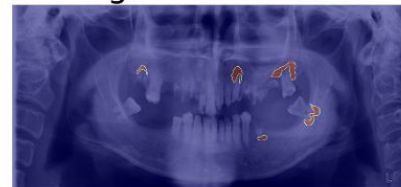
GradCAM



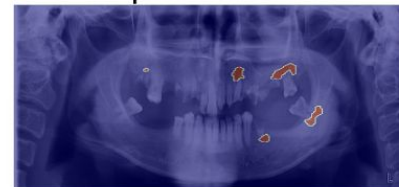
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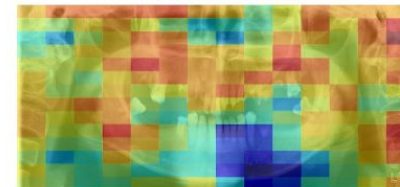
ground truth



prediction



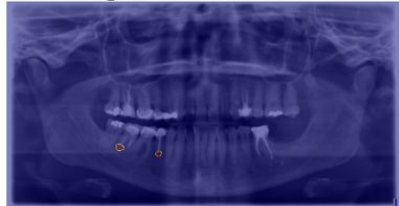
GradCAM



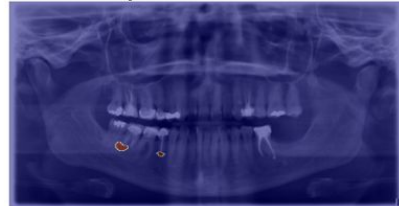
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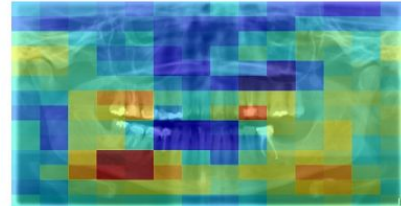
ground truth



prediction



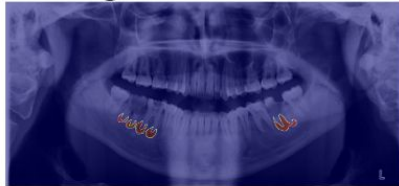
GradCAM



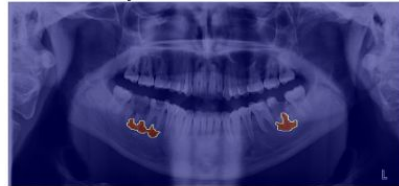
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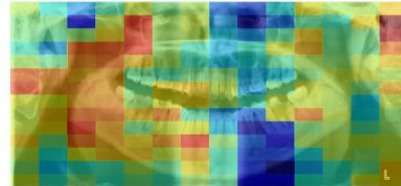
ground truth



prediction



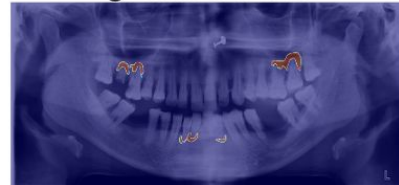
GradCAM



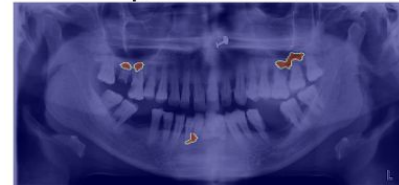
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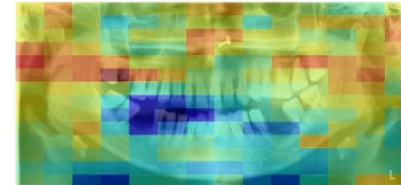
ground truth



prediction



GradCAM



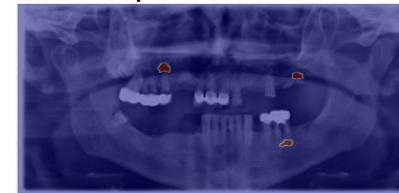
input



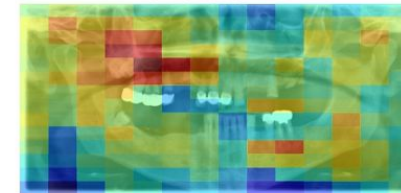
ground truth



prediction



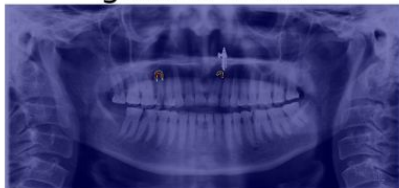
GradCAM



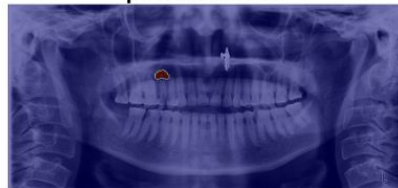
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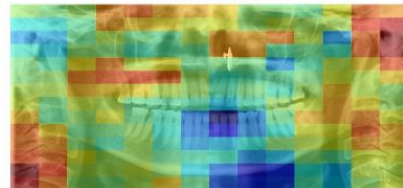
ground truth



prediction



GradCAM



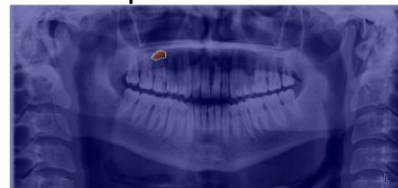
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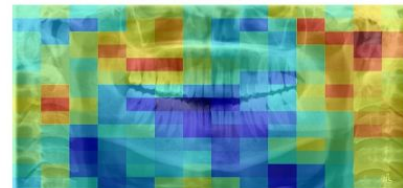
ground truth



prediction



GradCAM



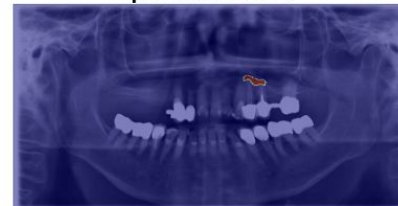
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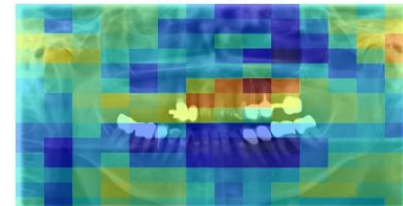
ground truth



prediction



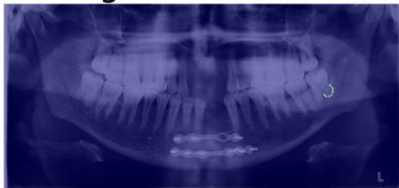
GradCAM



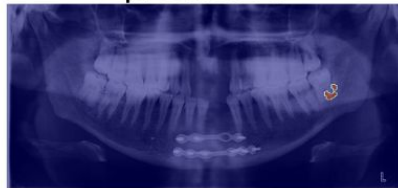
input



ground truth



prediction



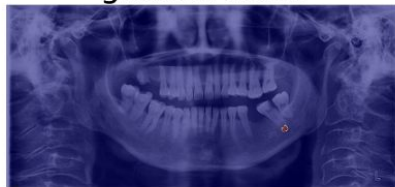
GradCAM



input



ground truth



prediction



GradCAM



input



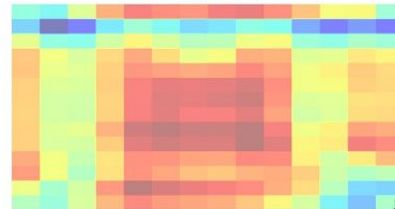
ground truth



prediction



GradCAM



input



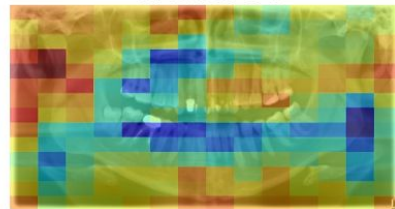
ground truth



prediction



GradCAM



input



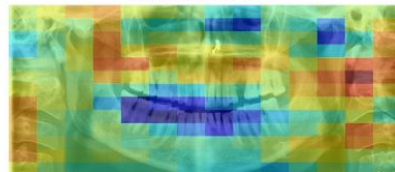
ground truth



prediction



GradCAM



input



ground truth



prediction



GradCAM



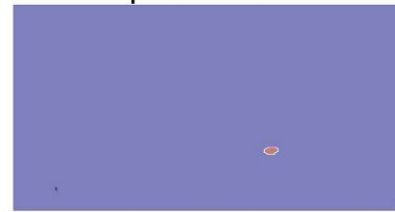
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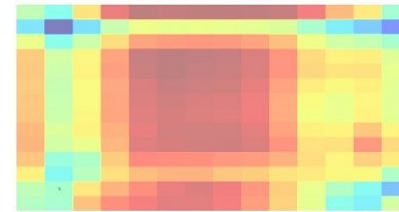
ground truth



prediction



GradCAM



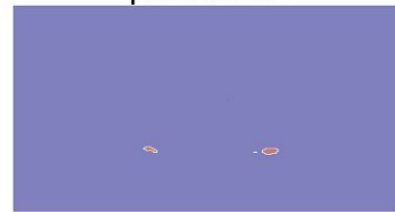
input



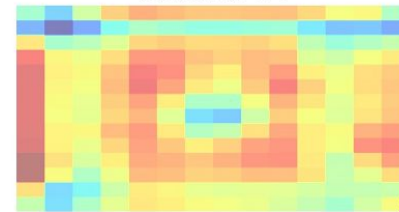
ground truth



prediction



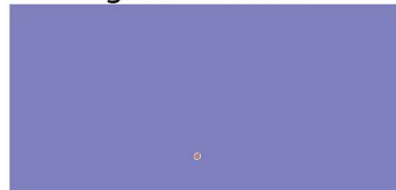
GradCAM



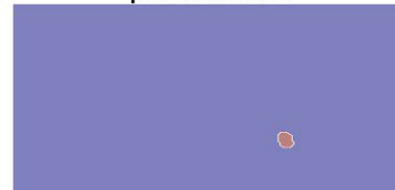
input



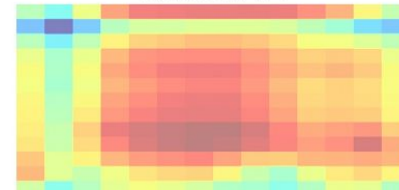
ground truth



prediction



GradCAM



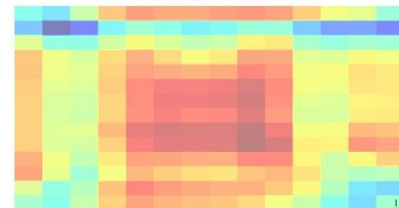
input

ground truth

prediction

GradCAM

L



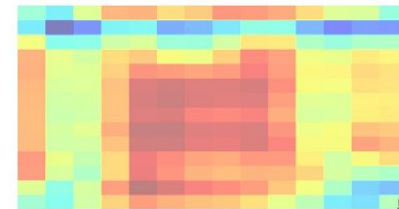
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ground truth

prediction

GradCAM

L



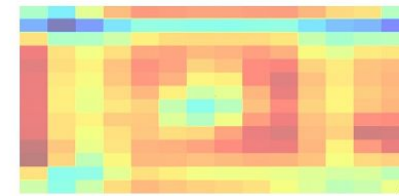
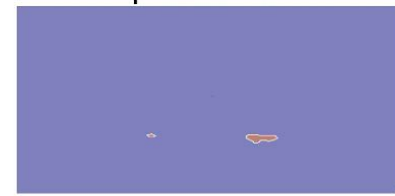
input

ground truth

prediction

GradCAM

L



input

ground truth

prediction

GradCAM

