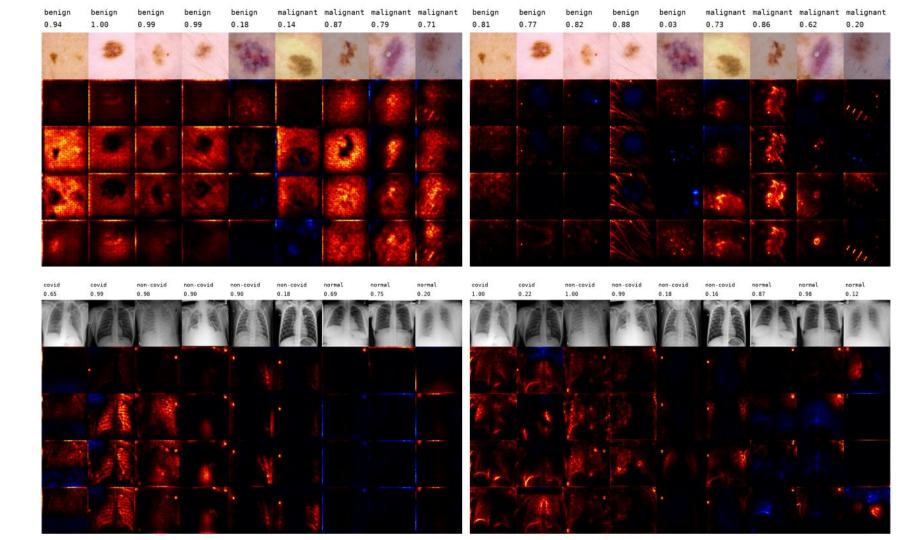
LRP & CRP

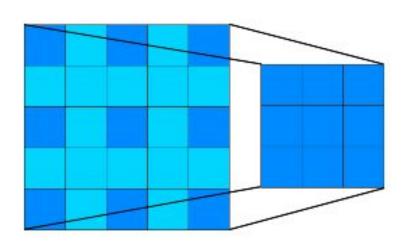
Evaluation across different model architectures and dataset Paweł Pawlik, Michał Siennicki, Alicja Ziarko

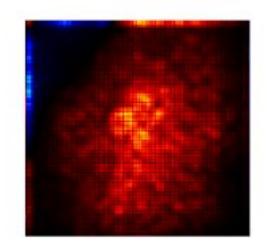
What was done

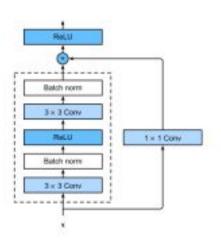
- More data exploration
- Training of the models
- LRP and CRP on
 - 2 models: ResNet50 and VGG16
 - o 2 datasets: COVID and Melanoma
- test LRP stability after applying augmentations



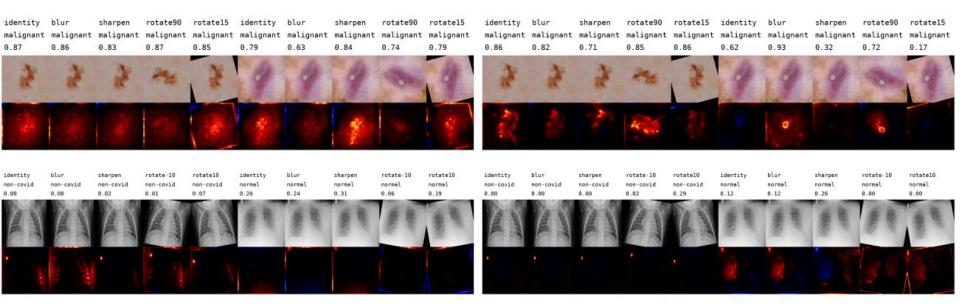
Checker pattern in ResNet explanations







LRP on augmentations



Takeaways

- LRP and CRP give useful insight into how models work
- medical datasets are hard
- CNNs are not robust so their explanations are not either