



Uncertainty is the best form of defence

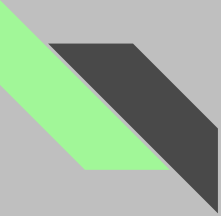
- Can intervalise the pixel data then retrain the neural network

- This effectively protects against both black and white box attacks

- Using uncertainty means that you do not have to be specific about which attack you are trying to prevent



https://github.com/MadryLab/mnist_challenge, Sadeghi et al. 2019



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