Evaluation

```
[13]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 31.46 %

```
[14]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 20.66 %

Evaluation ¶ lr = 0,0001

```
[13]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 29.59 %

```
[14]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 16.35 %

Evaluation lr = 0,001

```
evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 56.07 %

```
evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 23.67 %

Evaluation ¶ lr = 0,01

```
evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 53.38 %

```
evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 33.90 %

resnet18 lr = 0,01

Evaluation

```
[11]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 99.18 %

```
[12]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 82.25 %

resnet 18 lr = 0,0001

Evaluation ¶

```
[14]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 99.95 %

```
[15]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 93.58 %

resnet18 lr = 0,001

Evaluation

```
[14]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 100.00 %

```
[15]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 81.04 %

resnet18 lr = 0,001 augmentation

resnet18 lr = 0,01 augmentation

Evaluation

```
[16]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 96.35 %

```
[17]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 84.85 %

Evaluation

```
[16]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 98.82 %

```
[17]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 85.26 %

resnet18 lr = 0,001 augment + dropout 0,25

Evaluation

```
[16]: evaluate(model, train_dataloader, train=True)
```
Accuracy of the network on the 4176 train images: 98.51 %

```
[17]: evaluate(model, test_dataloader, train=False)
```
Accuracy of the network on the 2000 test images: 83.20 %