|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Model | pretrained | freeze | iters | mAP |
| Basic90 | no | No | 10k | 0.19 |
| Resnet | yes | no | 12.5k | 0.23 |
| ResneXt50 | yes | no | 10k | 0.29 |
| ResneXt50 | yes | Yes (last block trained) | 22.5k | 0.17 |
| ResneXt101 | yes | Yes (last 3 block trained) |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Model | Pretrained | Batch size | Learning rate | Data aug. | Optimizer | mAP |
| Resnext50\_1 | Yes, no freeze | 10 | ReduceLROnPlateau:   * Init lr = 1e-4 * Factor = 0.7 * Patience = 3 | RandomMirror  RandomEffect | AdamW | 0.3067 – step 20k  0.3018 – step 10k |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |

Augmentation:

* Blur = ±0.4
* Brightness = ±0.4
* Contrast = ±0.2
* Saturation = ±0.3
* Sharpness = ±0.5

-

Ideer

* Sjekk hvor mye plass de forskjellige classes tar i bildet + hvilke calsses som forekommer oftest
* Konverter alle bilder til grayscale i trenings settet