

# Aero2Astro

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(23/08/2021)

I had trained Faster Rcnm model upto 32400 iterations. And also evaluated with both train and test dataset.

## Model -1 (PP-yolo v1)

ins = 1000

bs = 8

lr = 0.0002

## Training Data:

```
Accumulating evaluation results...
DONE (t=0.85s).
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.454
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.751
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.499
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.359
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.588
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.579
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.173
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.479
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.580
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.498
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.699
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.710
[08/15 07:11:53] ppyolo.metrics.coco_utils INFO: Per-category of bbox AP:
+-----+-----+-----+-----+-----+
| category | AP | category | AP | category | AP |
+-----+-----+-----+-----+-----+
| bird | 0.451 | book | 0.315 | bottle | 0.601 |
| car | 0.173 | chair | 0.616 | person | 0.567 |
+-----+-----+-----+-----+-----+
[08/15 07:11:53] ppyolo.metrics.coco_utils INFO: per-category PR curve has output to bbox
[08/15 07:11:53] ppyolo.engine INFO: Total sample number: 1093, average FPS: 18.4354342262
```

## Test Data:

```
Accumulating evaluation results...
DONE (t=0.15s).
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.056
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.113
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.049
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.044
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.066
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.130
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.051
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.134
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.179
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.144
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.231
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.201
[08/13 14:25:45] ppyolo.metrics.coco_utils INFO: Per-category of bbox AP:
+-----+-----+-----+-----+-----+
| category | AP | category | AP | category | AP |
+-----+-----+-----+-----+-----+
| bird | 0.146 | book | 0.007 | bottle | 0.175 |
| car | 0.007 | person | 0.000 | chair | 0.000 |
+-----+-----+-----+-----+-----+
[08/13 14:25:45] ppyolo.metrics.coco_utils INFO: per-category PR curve has output to bbox_pr_curve folder.
[08/13 14:25:45] ppyolo.engine INFO: Total sample number: 177, average FPS: 18.61171957113853
```

## Model – 2 :(PP-Yolo v2)

ins = 500

bs = 8

lr = 0.0002

### Training Data :

```
Accumulating evaluation results...
DONE (t=0.64s).
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.622
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.944
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.730
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.538
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.724
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.738
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.260
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.670
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.739
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.662
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.820
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.848
[08/17 12:37:24] ppdet.metrics.coco_utils INFO: Per-category of bbox AP:
+-----+-----+-----+-----+-----+
| category | AP | category | AP | category | AP |
+-----+-----+-----+-----+-----+
| aeroplane | 0.704 | car | 0.584 | chair | 0.644 |
| cow | 0.676 | person | 0.601 | traffic_light | 0.522 |
+-----+-----+-----+-----+-----+
[08/17 12:37:24] ppdet.metrics.coco_utils INFO: per-category PR curve has output to bbox_pr_curve
[08/17 12:37:24] ppdet.engine INFO: Total sample number: 689, average FPS: 11.880296439736922
```

### Test data :

```
Accumulating evaluation results...
DONE (t=0.20s).
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.191
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.362
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.167
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.117
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.257
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.307
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.137
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.334
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.409
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.259
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.490
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.643
[08/17 12:34:19] ppdet.metrics.coco_utils INFO: Per-category of bbox AP:
+-----+-----+-----+-----+-----+
| category | AP | category | AP | category | AP |
+-----+-----+-----+-----+-----+
| aeroplane | 0.343 | car | 0.100 | chair | 0.132 |
| cow | 0.352 | person | 0.055 | traffic_light | 0.164 |
+-----+-----+-----+-----+-----+
[08/17 12:34:19] ppdet.metrics.coco_utils INFO: per-category PR curve has output to bbox_pr_curve
[08/17 12:34:19] ppdet.engine INFO: Total sample number: 190, average FPS: 5.877382970685596
```



## Current Model:(Faster Rcn

Backbone = Faster\_rcnn\_X\_101\_32x8d\_FPN\_3x

bs = 4

lr = 0.001

ins = 500

Previous Checkpoint : 26000 its

Threshold : 0.85

Test :

```
[08/22 03:29:53 d2.evaluation.fast_eval_api]: COCOeval_opt.accumulate() finished in 0.02
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.393
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.572
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.427
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.245
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.515
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.591
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.225
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.554
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.437
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.708
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.840
[08/22 03:29:53 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|:---:|:---:|:---:|:---:|:---:|:---:|
| 39.268 | 57.179 | 42.705 | 24.506 | 51.460 | 59.133 |
[08/22 03:29:53 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|:---:|:---:|:---:|:---:|:---:|:---:|
| aeroplane | 67.237 | car | 26.394 | chair | 31.870 |
| cow | 57.215 | person | 22.758 | traffic_light | 30.134 |
OrderedDict([('bbox'
```

```
Total inference time: 0:00:50.160103 (0.271136 s / iter per device, on 1 devices)
Total inference pure compute time: 0:00:49 (0.268279 s / iter per device, on 1 devices)
tially: Preparing results for COCO format
```

Train :

```
[08/22 03:47:48 d2.evaluation.fast_eval_api]: Accumulating evaluation results...
[08/22 03:47:48 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.04 seconds.
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.597
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.807
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.663
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.499
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.696
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.778
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.299
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.687
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.731
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.636
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.806
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.888
[08/22 03:47:48 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|:---:|:---:|:---:|:---:|:---:|:---:|
| 59.714 | 80.673 | 66.265 | 49.898 | 69.599 | 77.833 |
[08/22 03:47:48 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|:---:|:---:|:---:|:---:|:---:|:---:|
| aeroplane | 86.043 | car | 50.530 | chair | 61.988 |
| cow | 71.296 | person | 44.628 | traffic_light | 43.798 |
OrderedDict([('bbox'
```

```
Total inference time: 0:03:03.624267 (0.268457 s / iter per device, on 1 devices)
Total inference pure compute time: 0:03:02 (0.266105 s / iter per device, on 1 devices)
only: Preparing results for COCO format
```

**Threshold : 0.65**

**Test :**

```
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.393
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.572
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.427
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.245
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.515
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.591
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.225
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.554
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.437
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.708
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.840
```

[08/22 03:51:12 d2.evaluation.coco\_evaluation]: Evaluation results for bbox:

AP	AP50	AP75	APs	APm	APl
39.268	57.179	42.705	24.506	51.460	59.133

[08/22 03:51:12 d2.evaluation.coco\_evaluation]: Per-category bbox AP:

category	AP	category	AP	category	AP
aeroplane	67.237	car	26.394	chair	31.870
cow	57.215	person	22.758	traffic_light	30.134

OrderedDict([('bbox',

**Train :**

[08/22 03:55:53 d2.evaluation.fast\_eval\_api]: COCOeval opt.accumulate() finished in 0.04 seconds.

```
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.597
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.807
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.663
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.499
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.696
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.778
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.299
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.687
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.731
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.636
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.806
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.888
```

[08/22 03:55:53 d2.evaluation.coco\_evaluation]: Evaluation results for bbox:

AP	AP50	AP75	APs	APm	APl
59.714	80.673	66.265	49.898	69.599	77.833

[08/22 03:55:53 d2.evaluation.coco\_evaluation]: Per-category bbox AP:

category	AP	category	AP	category	AP
aeroplane	86.043	car	50.530	chair	61.988
cow	71.296	person	44.628	traffic_light	43.798

OrderedDict([('bbox',



**Current Checkpoint : 32500 itr**

**Threshold = 0.65**

**Test :**

```
[08/23 13:24:19 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.02 seconds.
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.393
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.572
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.424
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.245
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.512
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.596
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.223
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.554
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.439
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.706
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.848
[08/23 13:24:19 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|-----|-----|-----|-----|-----|-----|
| 39.259 | 57.161 | 42.414 | 24.473 | 51.185 | 59.607 |
[08/23 13:24:19 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|-----|-----|-----|-----|-----|-----|
| aeroplane | 66.681 | car | 26.725 | chair | 32.219 |
| cow | 57.374 | person | 23.005 | traffic_light | 29.550 |
OrderedDict([('bbox',
```

**Train :**

```
13:28:16 d2.evaluation.fast_eval_api]: Accumulating evaluation results...
13:28:16 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.04 seconds.
ge Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
ge Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.811
ge Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.665
ge Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.504
ge Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.699
ge Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.780
ge Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.300
ge Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.690
ge Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.733
ge Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.641
ge Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.807
ge Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.891
13:28:16 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP50 | AP75 | APs | APm | APl |
|-----|-----|-----|-----|-----|
12 | 81.069 | 66.455 | 50.441 | 69.893 | 78.028 |
13:28:16 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| gory | AP | category | AP | category | AP |
|-----|-----|-----|-----|-----|-----|
| plane | 85.631 | car | 51.210 | chair | 62.558 |
| | 71.646 | person | 45.255 | traffic_light | 44.373 |
```

**Threshold : 0.85**

**Test :**

```
[08/23 13:33:02 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.02 seconds
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.393
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.572
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.424
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.245
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.512
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.596
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.223
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.554
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.439
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.706
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.848
[08/23 13:33:02 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|:-----:|:-----:|:-----:|:-----:|:-----:|:-----:|
| 39.259 | 57.161 | 42.414 | 24.473 | 51.185 | 59.607 |
[08/23 13:33:02 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|:-----:|:-----:|:-----:|:-----:|:-----:|:-----:|
| aeroplane | 66.681 | car | 26.725 | chair | 32.219 |
| cow | 57.374 | person | 23.005 | traffic_light | 29.550 |
OrderedDict([('bbox',
```

**Train :**

```
[08/23 13:37:59 d2.evaluation.fast_eval_api]: COCOeval opt.accumulate() finished in 0.04 seconds.
Average Precision (AP) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.601
Average Precision (AP) @[ IoU=0.50 | area= all | maxDets=100 ] = 0.811
Average Precision (AP) @[ IoU=0.75 | area= all | maxDets=100 ] = 0.665
Average Precision (AP) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.504
Average Precision (AP) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.699
Average Precision (AP) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.780
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 1 ] = 0.300
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets= 10 ] = 0.690
Average Recall (AR) @[ IoU=0.50:0.95 | area= all | maxDets=100 ] = 0.733
Average Recall (AR) @[ IoU=0.50:0.95 | area= small | maxDets=100 ] = 0.641
Average Recall (AR) @[ IoU=0.50:0.95 | area=medium | maxDets=100 ] = 0.807
Average Recall (AR) @[ IoU=0.50:0.95 | area= large | maxDets=100 ] = 0.891
[08/23 13:37:59 d2.evaluation.coco_evaluation]: Evaluation results for bbox:
| AP | AP50 | AP75 | APs | APm | APl |
|:-----:|:-----:|:-----:|:-----:|:-----:|:-----:|
| 60.112 | 81.069 | 66.455 | 50.441 | 69.893 | 78.028 |
[08/23 13:37:59 d2.evaluation.coco_evaluation]: Per-category bbox AP:
| category | AP | category | AP | category | AP |
|:-----:|:-----:|:-----:|:-----:|:-----:|:-----:|
| aeroplane | 85.631 | car | 51.210 | chair | 62.558 |
| cow | 71.646 | person | 45.255 | traffic_light | 44.373 |
OrderedDict([('bbox',
```