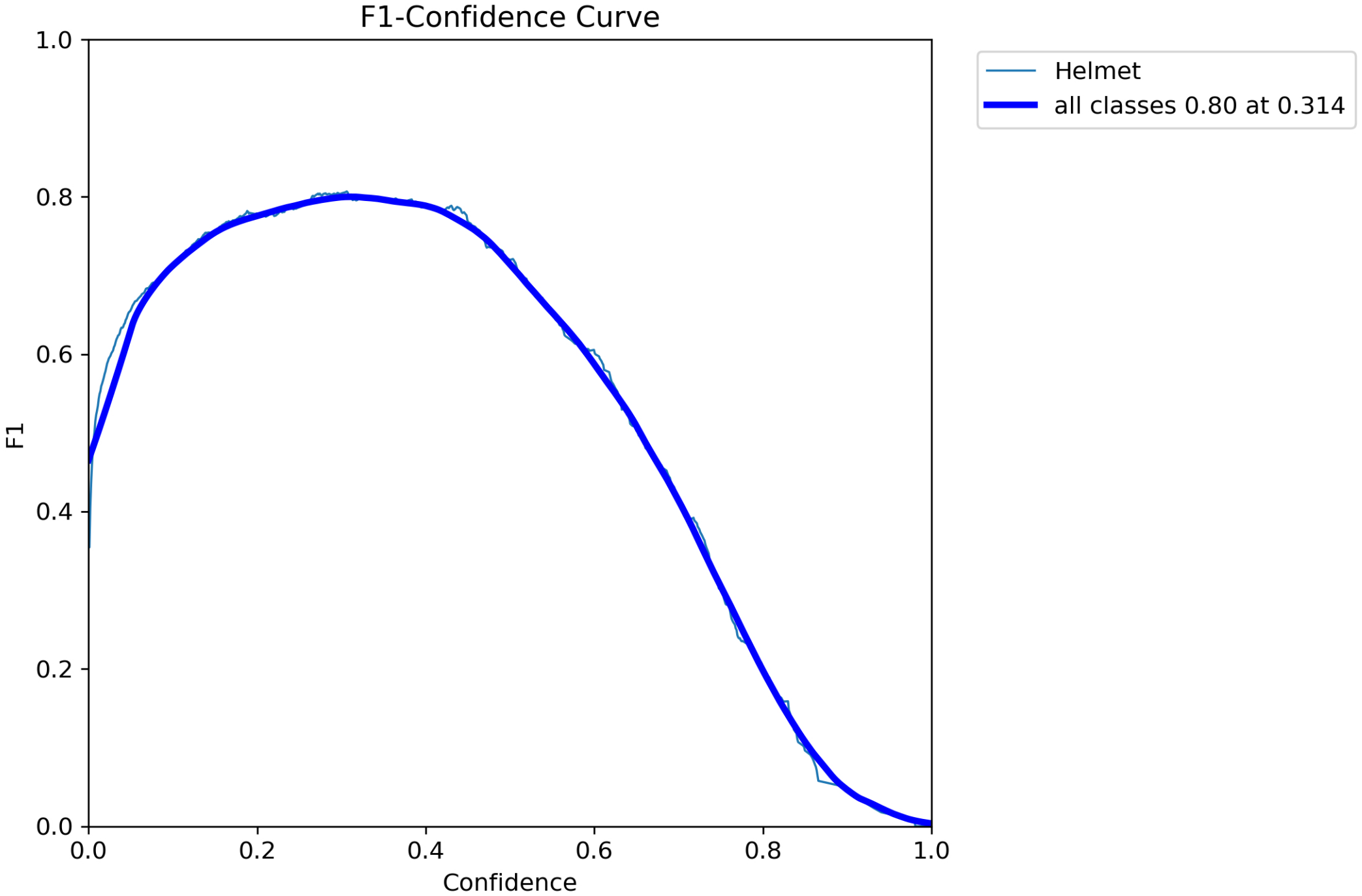
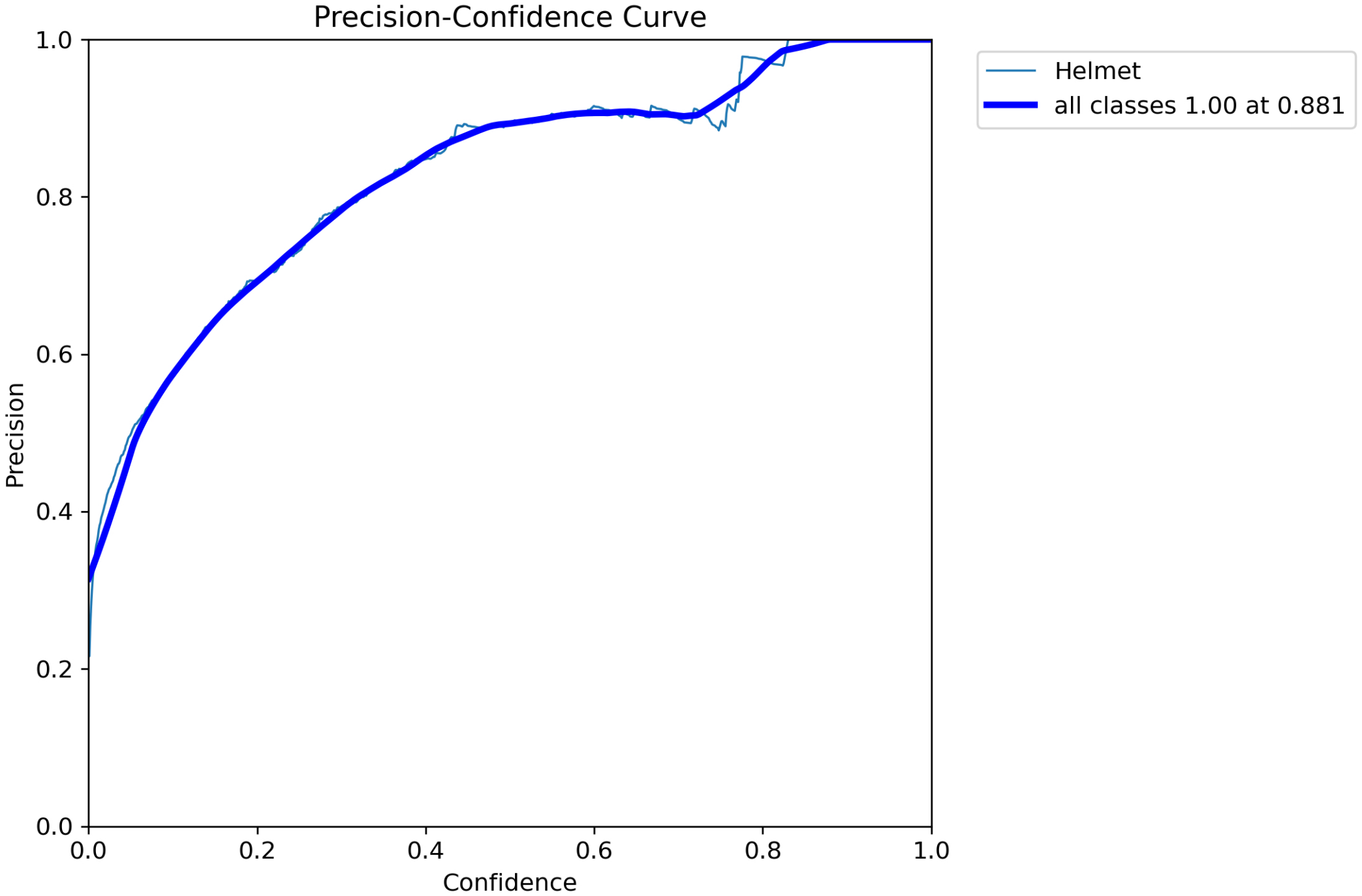
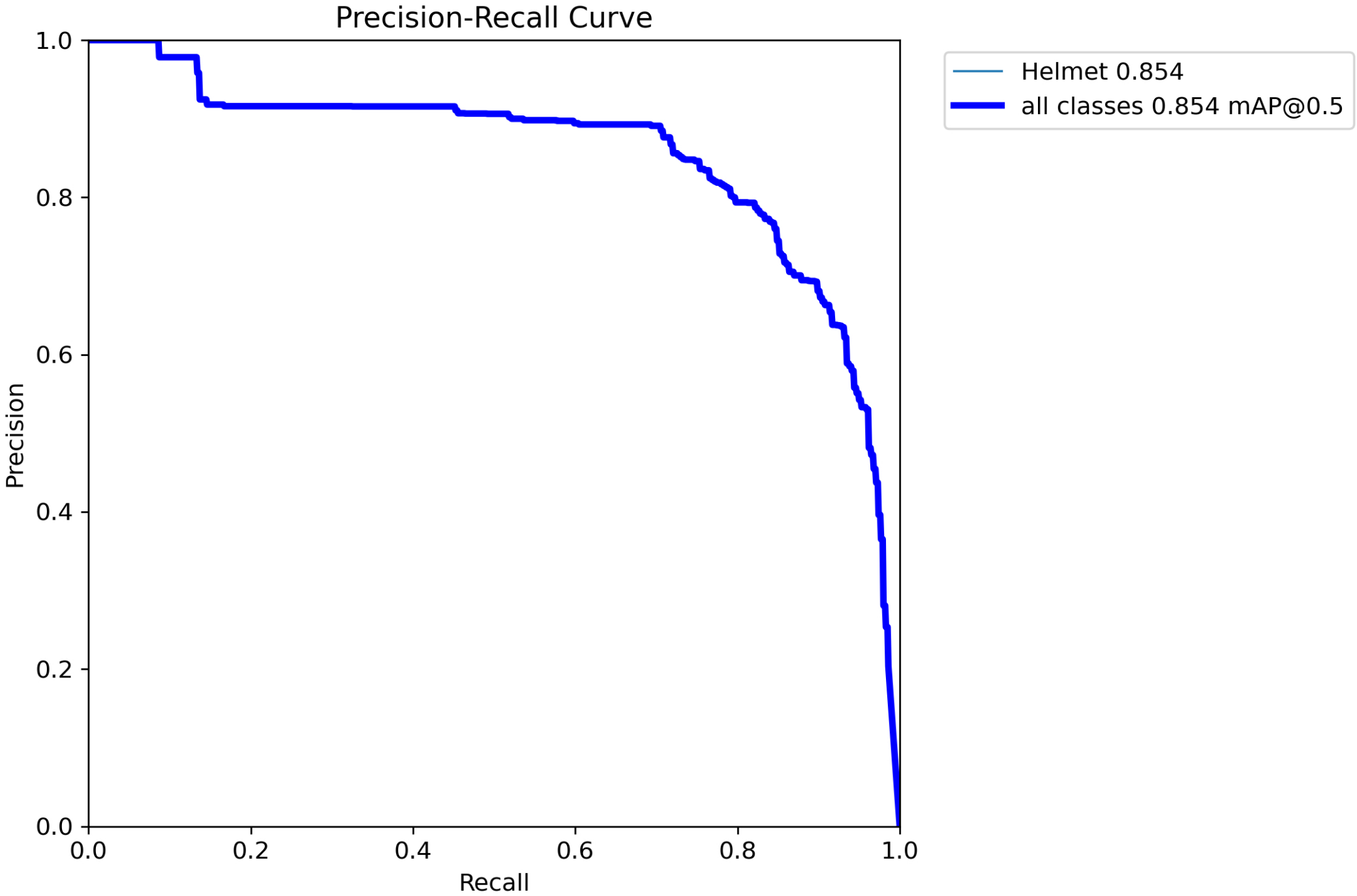
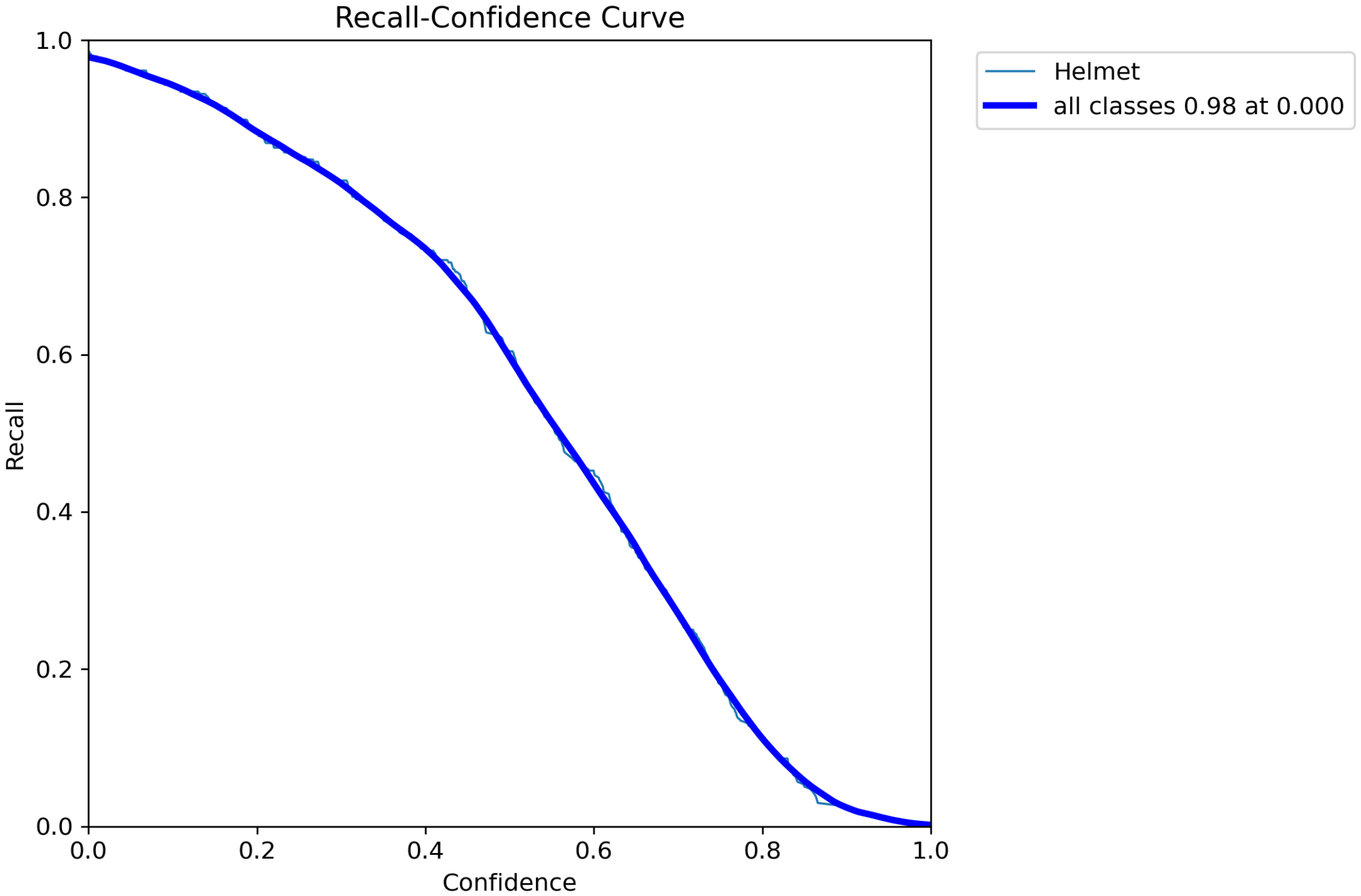
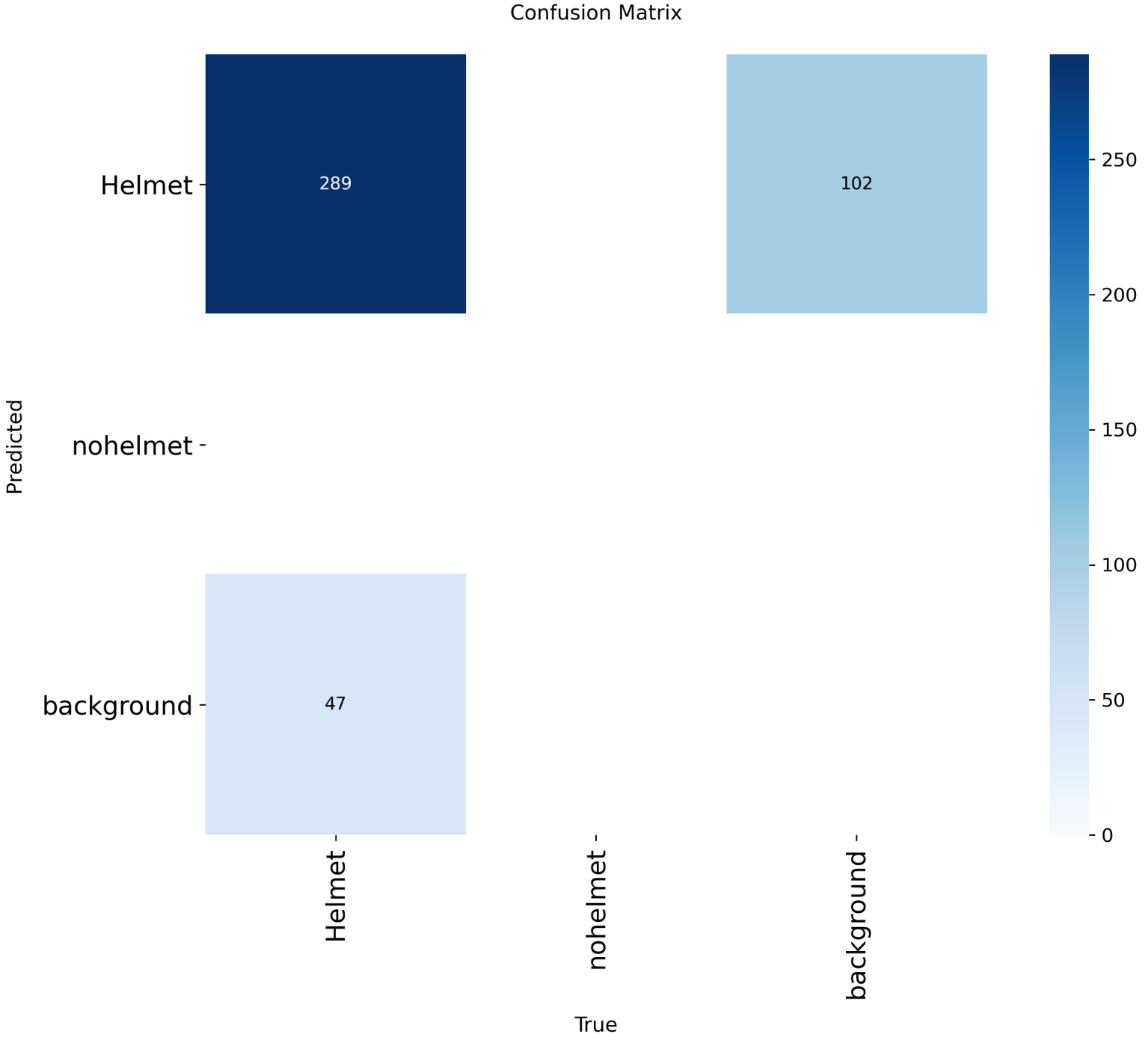
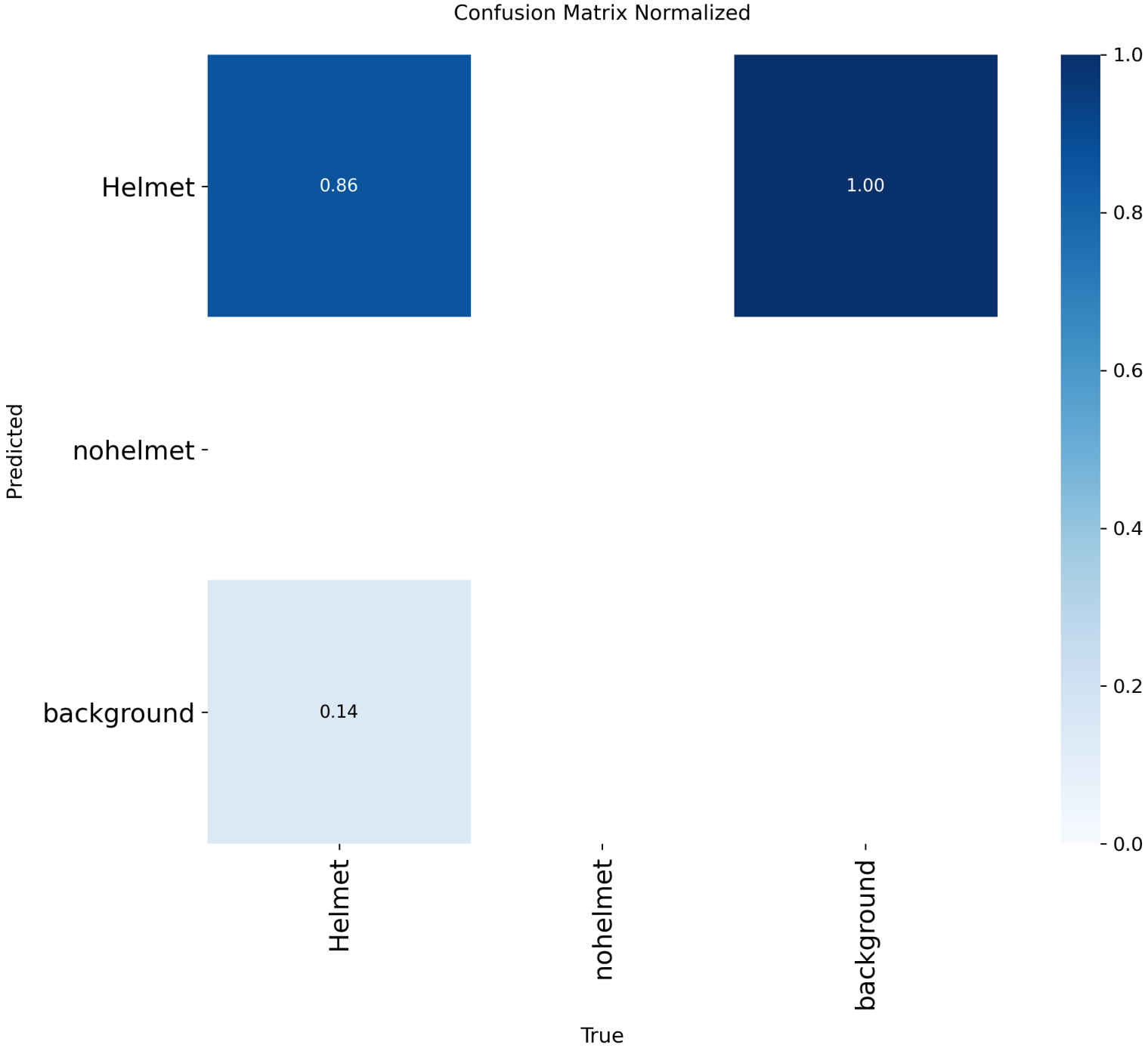

F1-Confidence Curve
Helmet
all classes 0.80 at 0.314
F1
Confidence
0.0
0.2
0.4
0.6
0.8
1.0

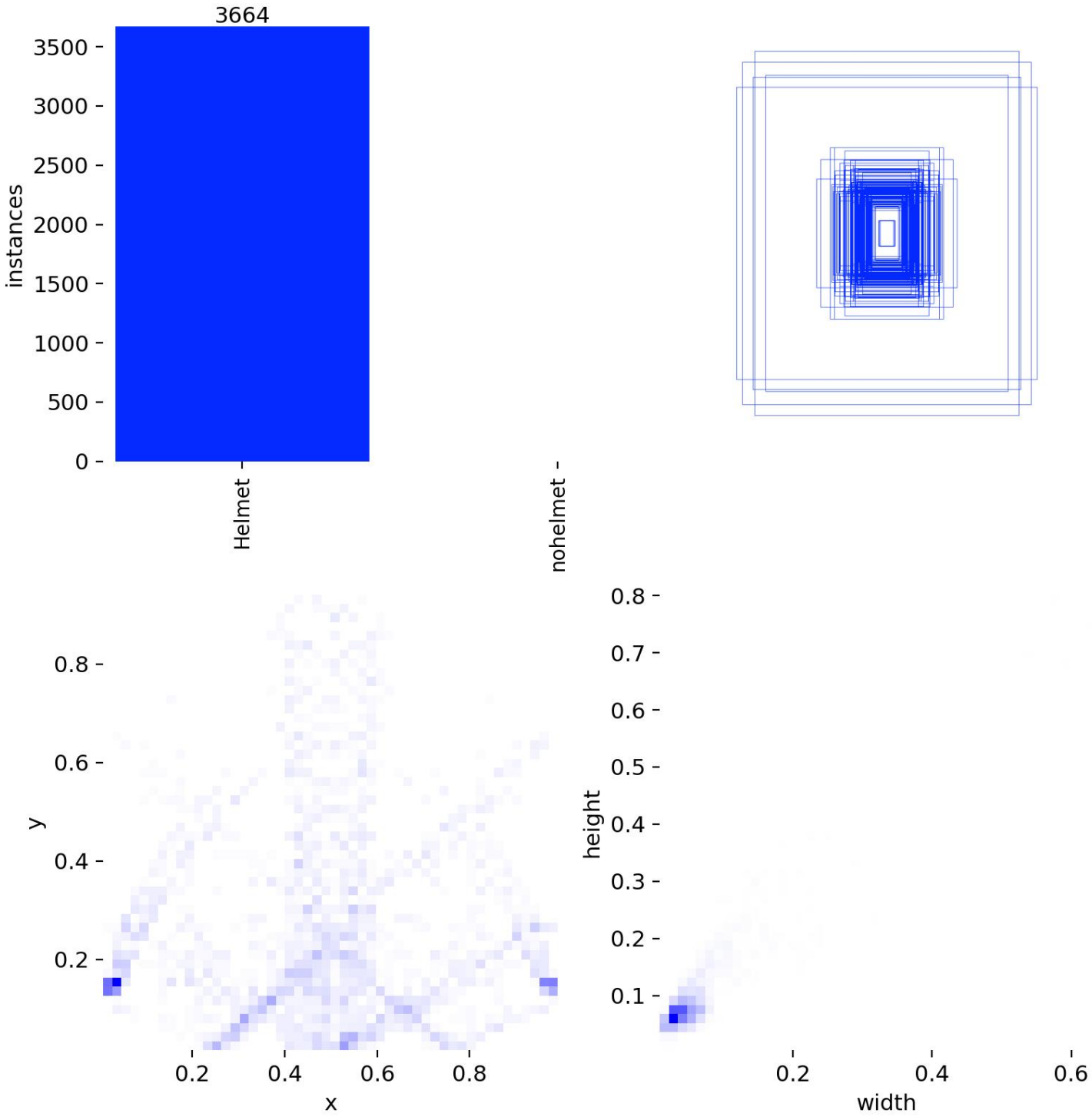

Precision-Confidence Curve
Helmet
all classes 1.00 at 0.881
Precision
Confidence
0.0
0.2
0.4
0.6
0.8
1.0

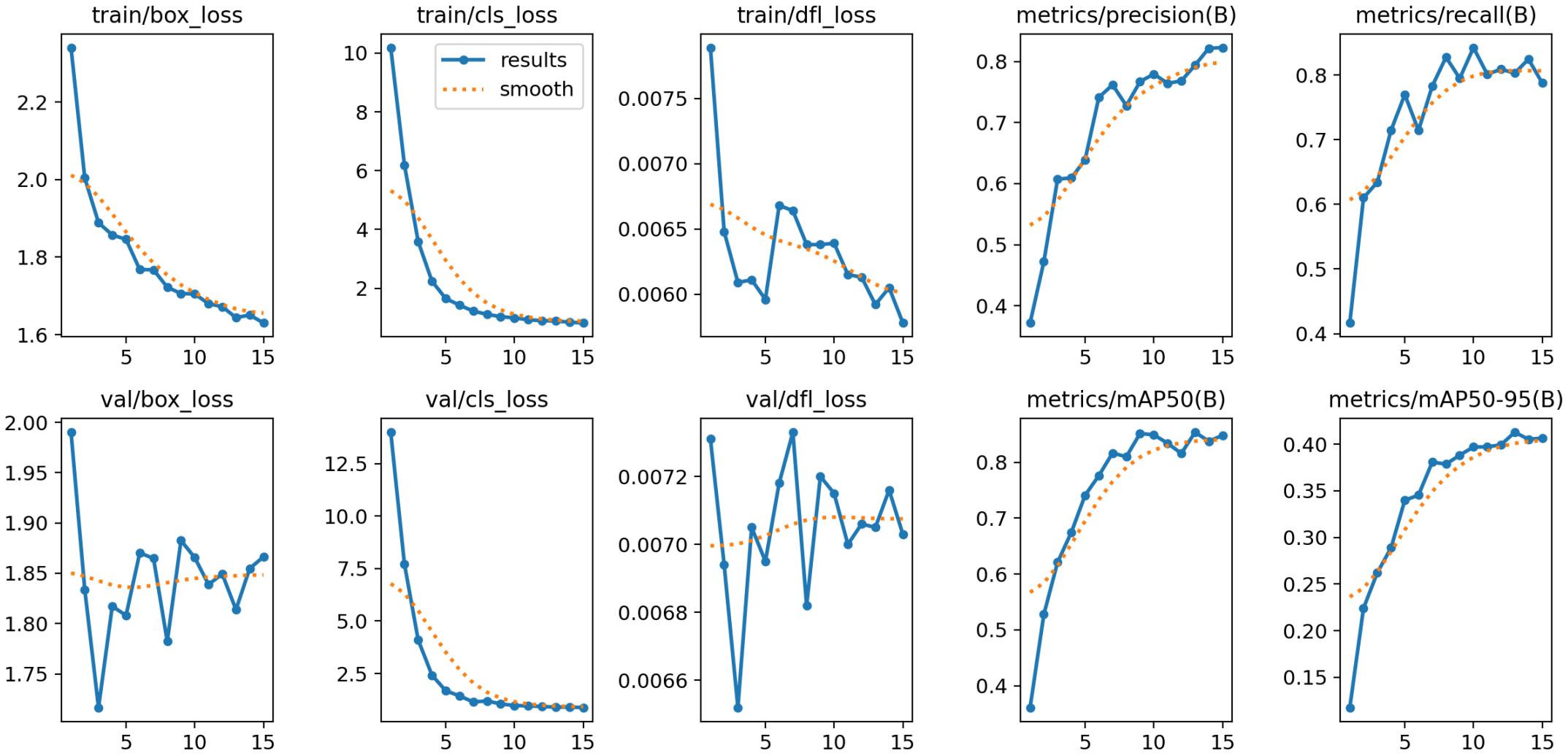

Precision-Recall Curve
Helmet 0.854
all classes 0.854 mAP@0.5
Precision
Recall
1.0
0.8
0.6
0.4
0.2
0.0
0.0
0.2
0.4
0.6
0.8
1.0


Recall-Confidence Curve
Helmet
all classes 0.98 at 0.000
Recall
Confidence
0.0
0.2
0.4
0.6
0.8
1.0


Confusion Matrix
Helmet
nohelmet
background
289
102
47
Predicted
Helmet
nohelmet
background
True
250
200
150
100
50
0


Confusion Matrix Normalized
Helmet
nohelmet
background
Predicted
0.86
1.00
0.14
Helmet
nohelmet
background
True
1.0
0.8
0.6
0.4
0.2
0.0


3664
3500
3000
2500
2000
1500
1000
500
0
instances
Helmet
nohelmet
0.8
0.6
0.4
0.2
y
x
0.2
0.4
0.6
0.8
0.7
0.5
0.3
0.1
height
width


train/box_loss
train/cls_loss
results
smooth
train/dfl_loss
metrics/precision(B)
metrics/recall(B)
val/box_loss
val/cls_loss
val/dfl_loss
metrics/mAP50(B)
metrics/mAP50-95(B)