16\_5 0.110 hours

Class Images Instances P R mAP50 mAP50-95: 100% 7/7 [00:07<00:00, 1.13s/it]

all 217 1490 0.81 0.759 0.81 0.361

Helmet 217 554 0.853 0.742 0.835 0.385

NoHelmet 217 248 0.755 0.69 0.716 0.276

NoJacket 217 254 0.757 0.822 0.8 0.365

Jacket 217 434 0.876 0.781 0.888 0.417

32\_5 0.109 hours

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 4/4 [00:08<00:00, 2.11s/it]

all 217 1490 0.775 0.756 0.795 0.359

Helmet 217 554 0.719 0.753 0.792 0.346

NoHelmet 217 248 0.787 0.653 0.704 0.292

NoJacket 217 254 0.751 0.783 0.795 0.358

Jacket 217 434 0.842 0.834 0.888 0.438

16\_30 0.657 hours.

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 7/7 [00:07<00:00, 1.04s/it]

all 217 1490 0.949 0.909 0.945 0.606

Helmet 217 554 0.967 0.892 0.943 0.584

NoHelmet 217 248 0.944 0.883 0.913 0.577

NoJacket 217 254 0.935 0.925 0.956 0.63

Jacket 217 434 0.95 0.938 0.967 0.634

32\_30 0.661 hours

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 4/4 [00:07<00:00, 1.89s/it]

all 217 1490 0.953 0.899 0.941 0.609

Helmet 217 554 0.954 0.881 0.928 0.577

NoHelmet 217 248 0.959 0.863 0.903 0.574

NoJacket 217 254 0.944 0.922 0.961 0.637

Jacket 217 434 0.955 0.931 0.974 0.65

64\_50 0.958 hours

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 2/2 [00:07<00:00, 3.86s/it]

all 217 1490 0.953 0.935 0.957 0.65

Helmet 217 554 0.961 0.927 0.955 0.616

NoHelmet 217 248 0.969 0.903 0.939 0.616

NoJacket 217 254 0.94 0.941 0.961 0.669

Jacket 217 434 0.942 0.967 0.974 0.701

32\_30\_best64\_50 0.642 hours

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 4/4 [00:06<00:00, 1.69s/it]

all 217 1490 0.954 0.929 0.957 0.662

Helmet 217 554 0.966 0.911 0.952 0.622

NoHelmet 217 248 0.945 0.907 0.936 0.64

NoJacket 217 254 0.969 0.937 0.962 0.679

Jacket 217 434 0.935 0.961 0.976 0.709

32\_50 1.083 hours

YOLOv5m summary: 212 layers, 20865057 parameters, 0 gradients, 47.9 GFLOPs

Class Images Instances P R mAP50 mAP50-95: 100% 4/4 [00:06<00:00, 1.66s/it]

all 217 1490 0.96 0.935 0.959 0.655

Helmet 217 554 0.967 0.91 0.956 0.612

NoHelmet 217 248 0.96 0.915 0.927 0.627

NoJacket 217 254 0.96 0.938 0.968 0.68

Jacket 217 434 0.952 0.975 0.986 0.702