Dataset info:

70-15-15

- Train images:

849

- Test images:

182

- Validation images:

182

I640:

validation set:

Class Images Labels P R mAP@.5

all 182 1399 0.683 0.524 0.561 0.27

doors 182 92 0.544 0.413 0.441 0.259

handle 182 564 0.611 0.505 0.5 0.134

cabinet door 182 620 0.721 0.689 0.691 0.333

refrigerator door 182 123 0.856 0.488 0.613 0.356

test set:

Class Images Labels P R mAP@.5 mAP@.5:.95:

all 182 1366 0.697 0.557 0.589 0.319

doors 182 75 0.629 0.467 0.521 0.325

handle 182 590 0.674 0.425 0.446 0.139

cabinet door 182 538 0.739 0.697 0.713 0.385

refrigerator door 182 163 0.748 0.638 0.674 0.426

I320:

validation set:

Class Images Labels P R mAP@.5

all 182 1399 0.62 0.432 0.456 0.23

doors 182 92 0.519 0.433 0.424 0.249

handle 182 564 0.542 0.204 0.238 0.0609

cabinet door 182 620 0.66 0.594 0.589 0.265

refrigerator door 182 123 0.758 0.496 0.572 0.346

metrics/mAP\_0.5

0.4557

metrics/mAP\_0.5:0.95

0.2303

metrics/precision

0.6198

metrics/recall

0.4317

train/box\_loss

0.04712

train/cls\_loss

0.007197

train/obj\_loss

0.03541

val/box\_loss

0.05839

val/cls\_loss

0.0144

val/obj\_loss

0.02894

x/lr0

0.002001

x/lr1

0.002001

x/lr2

0.002001

test set:

Class Images Labels P R mAP@.5 mAP@.5:.95: 100%

all 182 1366 0.701 0.428 0.485 0.261

doors 182 75 0.801 0.43 0.523 0.327

handle 182 590 0.513 0.197 0.19 0.0499

cabinet door 182 538 0.681 0.569 0.59 0.292

refrigerator door 182 163 0.808 0.515 0.638 0.375