

# oceanipynb-first

April 15, 2024

```
[1]: !nvidia-smi
```

```
Sat Apr 13 13:27:26 2024
```

```
+-----+
+-----+
| NVIDIA-SMI 535.104.05                Driver Version: 535.104.05   CUDA Version:
12.2          |
+-----+-----+-----+
+-----+
| GPU  Name                       Persistence-M | Bus-Id        Disp.A | Volatile
Uncorr. ECC |
| Fan   Temp   Perf           Pwr:Usage/Cap |      Memory-Usage | GPU-Util
Compute M.  |
|               |              |                  |
MIG M.       |
+=====+
=====|
|    0   Tesla T4                       Off | 00000000:00:04.0 Off |
0 |
| N/A    52C    P8              9W / 70W |      0MiB / 15360MiB |      0%
Default      |
|               |              |                  |
N/A |
+-----+-----+-----+
+-----+
+-----+
| Processes:
|
| GPU   GI    CI          PID    Type    Process name                        GPU
Memory |
|       ID    ID
Usage   |
+=====+
=====|
| No running processes found
|
```

+-----+  
-----+

```
[2]: from google.colab import drive  
drive.mount ('/content/drive')
```

Mounted at /content/drive

```
[3]: !pip install ultralytics
```

Collecting ultralytics

Downloading ultralytics-8.1.47-py3-none-any.whl (750 kB)

750.4/750.4

kB 15.0 MB/s eta 0:00:00

Requirement already satisfied: matplotlib>=3.3.0 in

/usr/local/lib/python3.10/dist-packages (from ultralytics) (3.7.1)

Requirement already satisfied: opencv-python>=4.6.0 in

/usr/local/lib/python3.10/dist-packages (from ultralytics) (4.8.0.76)

Requirement already satisfied: pillow>=7.1.2 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (9.4.0)

Requirement already satisfied: pyyaml>=5.3.1 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (6.0.1)

Requirement already satisfied: requests>=2.23.0 in

/usr/local/lib/python3.10/dist-packages (from ultralytics) (2.31.0)

Requirement already satisfied: scipy>=1.4.1 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (1.11.4)

Requirement already satisfied: torch>=1.8.0 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (2.2.1+cu121)

Requirement already satisfied: torchvision>=0.9.0 in

/usr/local/lib/python3.10/dist-packages (from ultralytics) (0.17.1+cu121)

Requirement already satisfied: tqdm>=4.64.0 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (4.66.2)

Requirement already satisfied: psutil in /usr/local/lib/python3.10/dist-packages (from ultralytics) (5.9.5)

Requirement already satisfied: py-cpuinfo in /usr/local/lib/python3.10/dist-packages (from ultralytics) (9.0.0)

Collecting thop>=0.1.1 (from ultralytics)

Downloading thop-0.1.1.post2209072238-py3-none-any.whl (15 kB)

Requirement already satisfied: pandas>=1.1.4 in /usr/local/lib/python3.10/dist-packages (from ultralytics) (2.0.3)

Requirement already satisfied: seaborn>=0.11.0 in

/usr/local/lib/python3.10/dist-packages (from ultralytics) (0.13.1)

Requirement already satisfied: contourpy>=1.0.1 in

/usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (1.2.1)

Requirement already satisfied: cycycler>=0.10 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (0.12.1)

Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (4.51.0)

Requirement already satisfied: kiwisolver>=1.0.1 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (1.4.5)

Requirement already satisfied: numpy>=1.20 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (1.25.2)

Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (24.0)

Requirement already satisfied: pyparsing>=2.3.1 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (3.1.2)

Requirement already satisfied: python-dateutil>=2.7 in /usr/local/lib/python3.10/dist-packages (from matplotlib>=3.3.0->ultralytics) (2.8.2)

Requirement already satisfied: pytz>=2020.1 in /usr/local/lib/python3.10/dist-packages (from pandas>=1.1.4->ultralytics) (2023.4)

Requirement already satisfied: tzdata>=2022.1 in /usr/local/lib/python3.10/dist-packages (from pandas>=1.1.4->ultralytics) (2024.1)

Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.10/dist-packages (from requests>=2.23.0->ultralytics) (3.3.2)

Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.10/dist-packages (from requests>=2.23.0->ultralytics) (3.6)

Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.10/dist-packages (from requests>=2.23.0->ultralytics) (2.0.7)

Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.10/dist-packages (from requests>=2.23.0->ultralytics) (2024.2.2)

Requirement already satisfied: filelock in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (3.13.4)

Requirement already satisfied: typing-extensions>=4.8.0 in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (4.11.0)

Requirement already satisfied: sympy in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (1.12)

Requirement already satisfied: networkx in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (3.3)

Requirement already satisfied: jinja2 in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (3.1.3)

Requirement already satisfied: fsspec in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (2023.6.0)

Collecting nvidia-cuda-nvrtc-cu12==12.1.105 (from torch>=1.8.0->ultralytics)

Using cached nvidia\_cuda\_nvrtc\_cu12-12.1.105-py3-none-manylinux1\_x86\_64.whl (23.7 MB)

Collecting nvidia-cuda-runtime-cu12==12.1.105 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cuda\_runtime\_cu12-12.1.105-py3-none-manylinux1\_x86\_64.whl (823 kB)

Collecting nvidia-cuda-cupti-cu12==12.1.105 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cuda\_cupti\_cu12-12.1.105-py3-none-manylinux1\_x86\_64.whl (14.1 MB)

Collecting nvidia-cudnn-cu12==8.9.2.26 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cudnn\_cu12-8.9.2.26-py3-none-manylinux1\_x86\_64.whl (731.7 MB)

Collecting nvidia-cublas-cu12==12.1.3.1 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cublas\_cu12-12.1.3.1-py3-none-manylinux1\_x86\_64.whl (410.6 MB)

Collecting nvidia-cufft-cu12==11.0.2.54 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cufft\_cu12-11.0.2.54-py3-none-manylinux1\_x86\_64.whl (121.6 MB)

Collecting nvidia-curand-cu12==10.3.2.106 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_curand\_cu12-10.3.2.106-py3-none-manylinux1\_x86\_64.whl (56.5 MB)

Collecting nvidia-cusolver-cu12==11.4.5.107 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cusolver\_cu12-11.4.5.107-py3-none-manylinux1\_x86\_64.whl (124.2 MB)

Collecting nvidia-cuspars-cu12==12.1.0.106 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_cuspars-cu12-12.1.0.106-py3-none-manylinux1\_x86\_64.whl (196.0 MB)

Collecting nvidia-nccl-cu12==2.19.3 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_nccl\_cu12-2.19.3-py3-none-manylinux1\_x86\_64.whl (166.0 MB)

Collecting nvidia-nvtx-cu12==12.1.105 (from torch>=1.8.0->ultralytics)  
 Using cached nvidia\_nvtx\_cu12-12.1.105-py3-none-manylinux1\_x86\_64.whl (99 kB)

Requirement already satisfied: triton==2.2.0 in /usr/local/lib/python3.10/dist-packages (from torch>=1.8.0->ultralytics) (2.2.0)

Collecting nvidia-nvjitlink-cu12 (from nvidia-cusolver-cu12==11.4.5.107->torch>=1.8.0->ultralytics)  
 Using cached nvidia\_nvjitlink\_cu12-12.4.127-py3-none-manylinux2014\_x86\_64.whl (21.1 MB)

Requirement already satisfied: six>=1.5 in /usr/local/lib/python3.10/dist-packages (from python-dateutil>=2.7->matplotlib>=3.3.0->ultralytics) (1.16.0)

Requirement already satisfied: MarkupSafe>=2.0 in /usr/local/lib/python3.10/dist-packages (from jinja2->torch>=1.8.0->ultralytics) (2.1.5)

Requirement already satisfied: mpmath>=0.19 in /usr/local/lib/python3.10/dist-packages (from sympy->torch>=1.8.0->ultralytics) (1.3.0)

Installing collected packages: nvidia-nvtx-cu12, nvidia-nvjitlink-cu12, nvidia-nccl-cu12, nvidia-curand-cu12, nvidia-cufft-cu12, nvidia-cuda-runtime-cu12, nvidia-cuda-nvrtc-cu12, nvidia-cuda-cupti-cu12, nvidia-cublas-cu12, nvidia-cuspars-cu12, nvidia-cudnn-cu12, nvidia-cusolver-cu12, thop, ultralytics

Successfully installed nvidia-cublas-cu12-12.1.3.1 nvidia-cuda-cupti-cu12-12.1.105 nvidia-cuda-nvrtc-cu12-12.1.105 nvidia-cuda-runtime-cu12-12.1.105 nvidia-cudnn-cu12-8.9.2.26 nvidia-cufft-cu12-11.0.2.54 nvidia-curand-

```
cu12-10.3.2.106 nvidia-cusolver-cu12-11.4.5.107 nvidia-cuspars-cu12-12.1.0.106  
nvidia-nccl-cu12-2.19.3 nvidia-nvjitlink-cu12-12.4.127 nvidia-nvtx-cu12-12.1.105  
thop-0.1.1.post2209072238 ultralytics-8.1.47
```

```
[4]: import requests  
import zipfile  
import os  
import glob  
import cv2  
import matplotlib.pyplot as plt  
import random  
import numpy as np
```

```
[5]: def download_file(url, save_name) :  
    url = url  
    if not os.path.exists(save_name):  
        file = requests.get (url)  
        open (save_name, 'wb').write(file.content)
```

```
[6]: def unzip(zip_file=None) :  
    try:  
        with zipfile.ZipFile(zip_file) as z:  
            z.extractall("./")  
            print( "Extracted all")  
    except:  
        print("Invalid file")
```

```
[7]: download_file(  
    'https://www.dropbox.com/s/ievh0sesad015z0/trash_inst_material.zip?dl=1',  
    'trash_inst_material.zip'  
)  
  
unzip(zip_file='trash_inst_material.zip')
```

Extracted all

```
[8]: cwd = os.getcwd ()  
print (cwd)
```

/content

```
[9]: import yaml  
  
attr = {  
    'path' : cwd+'/trash_inst_material',  
    'train' : 'train/images',  
    'val' : 'val/images',
```

```

    'names' : {
        0 : 'rov',
        1 : 'plant',
        2 : 'animal_fish',
        3 : 'animal_starfish',
        4 : 'animal_shells',
        5 : 'animal_crab',
        6 : 'animal_eel',
        7 : 'animal_etc',
        8 : 'trash_etc',
        9 : 'trash_frabric',
        10 : 'trash_fishing_gear',
        11 : 'trash_metal',
        12 : 'trash_paper',
        13 : 'trash_plastic',
        14 : 'trash_rubber',
        15 : 'trash_wood',
    }
}

```

```
[10]: with open('trashcan_inst_material.yaml', 'w') as f:
        yaml.dump(attr, f)
```

```
[11]: EPOCHS = 5
        BATCH = 16
        IM_SIZE = 640
```

```
[12]: !yolo \
        task = segment \
        mode = train \
        model = yolov8n-seg.pt \
        imgsz = {IM_SIZE} \
        data = trashcan_inst_material.yaml \
        epochs = {EPOCHS} \
        batch = {BATCH} \
        name = yolov8n-seg \
        exist_ok = True \
        amp = False
```

Downloading

<https://github.com/ultralytics/assets/releases/download/v8.1.0/yolov8n-seg.pt> to  
'yolov8n-seg.pt'...

100% 6.73M/6.73M [00:00<00:00, 282MB/s]

Ultralytics YOLOv8.1.47 Python-3.10.12 torch-2.2.1+cu121 CUDA:0 (Tesla T4,  
15102MiB)

**engine/trainer:** task=segment, mode=train, model=yolov8n-seg.pt,

```

data=trashcan_inst_material.yaml, epochs=5, time=None, patience=100, batch=16,
imgsz=640, save=True, save_period=-1, cache=False, device=None, workers=8,
project=None, name=yolov8n-seg, exist_ok=True, pretrained=True, optimizer=auto,
verbose=True, seed=0, deterministic=True, single_cls=False, rect=False,
cos_lr=False, close_mosaic=10, resume=False, amp=False, fraction=1.0,
profile=False, freeze=None, multi_scale=False, overlap_mask=True, mask_ratio=4,
dropout=0.0, val=True, split=val, save_json=False, save_hybrid=False, conf=None,
iou=0.7, max_det=300, half=False, dnn=False, plots=True, source=None,
vid_stride=1, stream_buffer=False, visualize=False, augment=False,
agnostic_nms=False, classes=None, retina_masks=False, embed=None, show=False,
save_frames=False, save_txt=False, save_conf=False, save_crop=False,
show_labels=True, show_conf=True, show_boxes=True, line_width=None,
format=torchscript, keras=False, optimize=False, int8=False, dynamic=False,
simplify=False, opset=None, workspace=4, nms=False, lr0=0.01, lrf=0.01,
momentum=0.937, weight_decay=0.0005, warmup_epochs=3.0, warmup_momentum=0.8,
warmup_bias_lr=0.1, box=7.5, cls=0.5, dfl=1.5, pose=12.0, kobj=1.0,
label_smoothing=0.0, nbs=64, hsv_h=0.015, hsv_s=0.7, hsv_v=0.4, degrees=0.0,
translate=0.1, scale=0.5, shear=0.0, perspective=0.0, flipud=0.0, fliplr=0.5,
bgr=0.0, mosaic=1.0, mixup=0.0, copy_paste=0.0, auto_augment=randaugument,
erasing=0.4, crop_fraction=1.0, cfg=None, tracker=botsort.yaml,
save_dir=runs/segment/yolov8n-seg
Downloading https://ultralytics.com/assets/Arial.ttf to
'/root/.config/Ultralytics/Arial.ttf'...
100% 755k/755k [00:00<00:00, 108MB/s]
2024-04-13 13:31:20.771473: E
external/local_xla/xla/stream_executor/cuda/cuda_dnn.cc:9261] Unable to register
cuDNN factory: Attempting to register factory for plugin cuDNN when one has
already been registered
2024-04-13 13:31:20.771533: E
external/local_xla/xla/stream_executor/cuda/cuda_fft.cc:607] Unable to register
cuFFT factory: Attempting to register factory for plugin cuFFT when one has
already been registered
2024-04-13 13:31:20.772949: E
external/local_xla/xla/stream_executor/cuda/cuda_blas.cc:1515] Unable to
register cuBLAS factory: Attempting to register factory for plugin cuBLAS when
one has already been registered
Overriding model.yaml nc=80 with nc=16

```

	from	n	params	module
arguments				
0	-1	1	464	ultralytics.nn.modules.conv.Conv
[3, 16, 3, 2]				
1	-1	1	4672	ultralytics.nn.modules.conv.Conv
[16, 32, 3, 2]				
2	-1	1	7360	ultralytics.nn.modules.block.C2f
[32, 32, 1, True]				
3	-1	1	18560	ultralytics.nn.modules.conv.Conv
[32, 64, 3, 2]				

4	-1 2	49664	ultralytics.nn.modules.block.C2f
[64, 64, 2, True]			
5	-1 1	73984	ultralytics.nn.modules.conv.Conv
[64, 128, 3, 2]			
6	-1 2	197632	ultralytics.nn.modules.block.C2f
[128, 128, 2, True]			
7	-1 1	295424	ultralytics.nn.modules.conv.Conv
[128, 256, 3, 2]			
8	-1 1	460288	ultralytics.nn.modules.block.C2f
[256, 256, 1, True]			
9	-1 1	164608	ultralytics.nn.modules.block.SPPF
[256, 256, 5]			
10	-1 1	0	torch.nn.modules.upsampling.Upsample
[None, 2, 'nearest']			
11	[-1, 6] 1	0	ultralytics.nn.modules.conv.Concat
[1]			
12	-1 1	148224	ultralytics.nn.modules.block.C2f
[384, 128, 1]			
13	-1 1	0	torch.nn.modules.upsampling.Upsample
[None, 2, 'nearest']			
14	[-1, 4] 1	0	ultralytics.nn.modules.conv.Concat
[1]			
15	-1 1	37248	ultralytics.nn.modules.block.C2f
[192, 64, 1]			
16	-1 1	36992	ultralytics.nn.modules.conv.Conv
[64, 64, 3, 2]			
17	[-1, 12] 1	0	ultralytics.nn.modules.conv.Concat
[1]			
18	-1 1	123648	ultralytics.nn.modules.block.C2f
[192, 128, 1]			
19	-1 1	147712	ultralytics.nn.modules.conv.Conv
[128, 128, 3, 2]			
20	[-1, 9] 1	0	ultralytics.nn.modules.conv.Concat
[1]			
21	-1 1	493056	ultralytics.nn.modules.block.C2f
[384, 256, 1]			
22	[15, 18, 21] 1	1007200	ultralytics.nn.modules.head.Segment
[16, 32, 64, [64, 128, 256]]			

YOLOv8n-seg summary: 261 layers, 3266736 parameters, 3266720 gradients, 12.1 GFLOPs

Transferred 381/417 items from pretrained weights

**TensorBoard:** Start with 'tensorboard --logdir

runs/segment/yolov8n-seg', view at <http://localhost:6006/>

Freezing layer 'model.22.dfl.conv.weight'

**train:** Scanning /content/trash\_inst\_material/train/labels... 6008

images, 0 backgrounds, 330 corrupt: 100% 6008/6008 [00:03<00:00, 1761.00it/s]

**train:** WARNING



/content/trash\_inst\_material/train/images/vid\_000052\_frame0000054.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000056.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000058.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000060.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000062.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000080.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000082.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000084.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000086.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000052\_frame0000087.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000053\_frame0000003.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000053\_frame0000004.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000053\_frame0000005.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0018]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000053\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000014.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000015.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000016.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000017.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000018.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000053\_frame0000035.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000005.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000015.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000020.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000025.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000030.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000045.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000049.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000055.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING

/content/trash\_inst\_material/train/images/vid\_000055\_frame0000245.jpg: ignoring

```

corrupt image/label: non-normalized or out of bounds coordinates [      1.0021
1.0037      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000004.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000020.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000024.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000028.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000032.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000072_frame0000036.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000075_frame0000049.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000075_frame0000095.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000078_frame0000033.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000082_frame0000011.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000082_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000088_frame0000030.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
train: WARNING

```

```
/content/trash_inst_material/train/images/vid_000089_frame0000028.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000090_frame0000018.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000090_frame0000030.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000090_frame0000065.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000094_frame0000068.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000095_frame0000019.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037
1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000095_frame0000021.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037
1.0037    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000110_frame0000002.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000011.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000113_frame0000013.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
```

/content/trash\_inst\_material/train/images/vid\_000113\_frame0000014.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000015.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000016.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000017.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000018.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000019.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000021.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000022.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0019  
1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000023.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000113\_frame0000024.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0027]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000114\_frame0000018.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000114\_frame0000021.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000114\_frame0000025.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000114\_frame0000030.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]

```
train: WARNING
/content/trash_inst_material/train/images/vid_000114_frame0000031.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000114_frame0000034.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000114_frame0000036.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000114_frame0000052.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000114_frame0000054.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000115_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000115_frame0000013.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000004.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000005.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000006.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000007.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000011.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000125_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
```

train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000125\_frame0000019.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000125\_frame0000023.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000126\_frame0000005.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000126\_frame0000007.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000126\_frame0000009.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000126\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000039.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.002]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000102.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000103.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000105.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0036]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000107.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000122.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000124.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000125.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000142\_frame0000127.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000147\_frame0000002.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]



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train: WARNING
/content/trash_inst_material/train/images/vid_000147_frame0000003.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000147_frame0000006.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000147_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000147_frame0000013.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000150_frame0000039.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000150_frame0000043.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000150_frame0000045.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000150_frame0000055.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0023]
train: WARNING
/content/trash_inst_material/train/images/vid_000151_frame0000028.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000022.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000023.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000024.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000025.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000026.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000044.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000155_frame0000045.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]
```



train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000155\_frame0000048.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000155\_frame0000051.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000155\_frame0000056.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000155\_frame0000059.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0036]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000001.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000002.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000003.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000004.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000005.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000006.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000007.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000008.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000009.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000010.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000157\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]

[illegible]

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train: WARNING
/content/trash_inst_material/train/images/vid_000157_frame0000030.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000157_frame0000031.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000157_frame0000032.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000025.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000026.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000027.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000028.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000030.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000037.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000039.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000041.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000043.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000045.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000062.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000077.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
```



```
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000110.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000111.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000112.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000113.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000117.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000119.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000120.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000121.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0018]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000122.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.002]
train: WARNING
/content/trash_inst_material/train/images/vid_000158_frame0000123.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000162_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000162_frame0000014.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
train: WARNING
/content/trash_inst_material/train/images/vid_000201_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000201_frame0000011.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000204_frame0000004.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000204_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
```





```
train: WARNING
/content/trash_inst_material/train/images/vid_000214_frame0000019.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000235_frame0000116.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000236_frame0000030.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000236_frame0000037.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000236_frame0000044.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000236_frame0000053.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000242_frame0000055.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000242_frame0000057.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000249_frame0000005.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000249_frame0000006.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000249_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000249_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000249_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000250_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000250_frame0000015.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000250_frame0000055.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]
```

train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000250\_frame0000076.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000021.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000023.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000030.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000031.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000032.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000035.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000036.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000038.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000039.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000040.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000251\_frame0000041.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000273\_frame0000003.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]



train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000280\_frame0000001.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000022.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000148.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000149.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000151.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000154.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000174.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000285\_frame0000176.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000292\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000292\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000292\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000293\_frame0000006.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.002]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000293\_frame0000007.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000293\_frame0000008.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0018]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000293\_frame0000009.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000293\_frame0000010.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]

```
train: WARNING
/content/trash_inst_material/train/images/vid_000294_frame0000016.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0019]
train: WARNING
/content/trash_inst_material/train/images/vid_000294_frame0000017.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000297_frame0000020.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000299_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000299_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000299_frame0000011.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000299_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000299_frame0000013.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000307_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0028]
train: WARNING
/content/trash_inst_material/train/images/vid_000307_frame0000020.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0027]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000021.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000045.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000049.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000050.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000061.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: WARNING
/content/trash_inst_material/train/images/vid_000309_frame0000062.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
```

train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000315\_frame0000024.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000315\_frame0000025.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0016]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000315\_frame0000026.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000319\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000319\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000319\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000319\_frame0000016.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000319\_frame0000017.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000320\_frame0000051.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0036]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000320\_frame0000053.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000320\_frame0000054.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0036]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000320\_frame0000055.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000320\_frame0000056.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0036]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000332\_frame0000030.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000332\_frame0000031.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000012.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]

1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000014.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000015.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000016.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000017.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000018.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000019.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021  
1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000020.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000021.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000333\_frame0000050.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000031.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000032.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000039.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000040.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000041.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]

train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000043.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000045.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000431\_frame0000047.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000432\_frame0000007.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000432\_frame0000008.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000432\_frame0000009.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000432\_frame0000013.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000434\_frame0000035.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000437\_frame0000008.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000437\_frame0000009.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000442\_frame0000001.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000443\_frame0000003.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0021]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000448\_frame0000011.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0028]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000550\_frame0000031.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000550\_frame0000032.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]  
train: WARNING  
/content/trash\_inst\_material/train/images/vid\_000550\_frame0000033.jpg: ignoring  
corrupt image/label: non-normalized or out of bounds coordinates [ 1.0037]

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train: WARNING
/content/trash_inst_material/train/images/vid_000550_frame0000044.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0036]
train: WARNING
/content/trash_inst_material/train/images/vid_000552_frame0000107.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
train: New cache created:
/content/trash_inst_material/train/labels.cache
augmentations: Blur(p=0.01, blur_limit=(3, 7)), MedianBlur(p=0.01,
blur_limit=(3, 7)), ToGray(p=0.01), CLAHE(p=0.01, clip_limit=(1, 4.0),
tile_grid_size=(8, 8))
/usr/lib/python3.10/multiprocessing/popen_fork.py:66: RuntimeWarning: os.fork()
was called. os.fork() is incompatible with multithreaded code, and JAX is
multithreaded, so this will likely lead to a deadlock.
    self.pid = os.fork()
val: Scanning /content/trash_inst_material/val/labels... 1204
images, 0 backgrounds, 55 corrupt: 100% 1204/1204 [00:01<00:00, 887.83it/s]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000064.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000066.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000068.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000070.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000072.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000074.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000076.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000078.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000089.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]

```



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val: WARNING
/content/trash_inst_material/val/images/vid_000052_frame0000091.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000053_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000053_frame0000002.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000053_frame0000040.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000060.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000070.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000075.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000080.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000095.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000055_frame0000175.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000074_frame0000050.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000074_frame0000051.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000074_frame0000052.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000074_frame0000053.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000075_frame0000058.jpg: ignoring

```

```

corrupt image/label: non-normalized or out of bounds coordinates [      1.0021
1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000075_frame0000059.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000075_frame0000070.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000075_frame0000075.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000075_frame0000180.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000077_frame0000034.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000077_frame0000036.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0036]
val: WARNING
/content/trash_inst_material/val/images/vid_000077_frame0000042.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000010.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000014.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021
1.0037      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000015.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000016.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000089_frame0000024.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000090_frame0000054.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000090_frame0000079.jpg: ignoring

```



```

corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000094_frame0000004.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000094_frame0000027.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000094_frame0000036.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000094_frame0000039.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000094_frame0000041.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000095_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000095_frame0000008.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037
1.0037      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000095_frame0000012.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037
1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000126_frame0000013.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0037]
val: WARNING
/content/trash_inst_material/val/images/vid_000143_frame0000013.jpg: 1 duplicate
labels removed
val: WARNING
/content/trash_inst_material/val/images/vid_000144_frame0000037.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000236_frame0000009.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000236_frame0000020.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000236_frame0000023.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000236_frame0000031.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [      1.0021]

```

```

val: WARNING
/content/trash_inst_material/val/images/vid_000249_frame0000001.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021]
val: WARNING
/content/trash_inst_material/val/images/vid_000324_frame0000025.jpg: ignoring
corrupt image/label: non-normalized or out of bounds coordinates [    1.0021
1.0037]
val: New cache created:
/content/trash_inst_material/val/labels.cache
Plotting labels to runs/segment/yolov8n-seg/labels.jpg..
optimizer: 'optimizer=auto' found, ignoring 'lr0=0.01' and
'momentum=0.937' and determining best 'optimizer', 'lr0' and 'momentum'
automatically...
optimizer: AdamW(lr=0.0005, momentum=0.9) with parameter groups 66
weight(decay=0.0), 77 weight(decay=0.0005), 76 bias(decay=0.0)
TensorBoard: model graph visualization added
Image sizes 640 train, 640 val
Using 2 dataloader workers
Logging results to runs/segment/yolov8n-seg
Starting training for 5 epochs...

```

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	df1_loss	Instances
1/5	8.08G	1.213	2.525	3.283	1.251	48
640: 100% 355/355 [02:47<00:00, 2.12it/s]						
	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:13<00:00, 2.60it/s]
	all	1149	2419	0.323	0.176	0.135
0.0843	0.315	0.171	0.133	0.0728		

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	df1_loss	Instances
2/5	5.84G	1.146	2.162	2.38	1.2	52
640: 100% 355/355 [02:43<00:00, 2.17it/s]						
	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:12<00:00, 2.89it/s]
	all	1149	2419	0.422	0.244	0.187
0.111	0.42	0.238	0.181	0.0931		

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	df1_loss	Instances
3/5	8.28G	1.119	2.059	2.034	1.178	39
640: 100% 355/355 [02:42<00:00, 2.19it/s]						
	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:12<00:00, 2.84it/s]

		all	1149	2419	0.514	0.312	0.271
0.165	0.51	0.309	0.267	0.133			

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	df1_loss	Instances
Size						
4/5	8.28G	1.053	1.933	1.757	1.138	47
640: 100% 355/355 [02:40<00:00, 2.21it/s]						
	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:12<00:00, 2.93it/s]

		all	1149	2419	0.434	0.366	0.346
0.222	0.444	0.363	0.339	0.176			

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	df1_loss	Instances
Size						
5/5	8.27G	0.9897	1.826	1.521	1.11	40
640: 100% 355/355 [02:42<00:00, 2.18it/s]						
	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:11<00:00, 3.00it/s]

		all	1149	2419	0.549	0.36	0.389
0.255	0.547	0.354	0.376	0.201			

5 epochs completed in 0.247 hours.

Optimizer stripped from runs/segment/yolov8n-seg/weights/last.pt, 6.8MB

Optimizer stripped from runs/segment/yolov8n-seg/weights/best.pt, 6.8MB

Validating runs/segment/yolov8n-seg/weights/best.pt...

Ultralytics YOLOv8.1.47 Python-3.10.12 torch-2.2.1+cu121 CUDA:0 (Tesla T4, 15102MiB)

YOLOv8n-seg summary (fused): 195 layers, 3261184 parameters, 0 gradients, 12.0 GFLOPs

	Class	Images	Instances	Box(P	R	mAP50
mAP50-95)	Mask(P	R	mAP50	mAP50-95): 100%	36/36	[00:15<00:00, 2.37it/s]

	all	1149	2419	0.551	0.361	0.389
0.255	0.553	0.353	0.378	0.202		
	rov	1149	589	0.607	0.854	0.775
0.617	0.616	0.859	0.775	0.517		
	plant	1149	102	0.493	0.373	0.385
0.212	0.491	0.36	0.369	0.138		
	animal_fish	1149	150	0.411	0.24	0.322
0.179	0.391	0.219	0.287	0.117		
	animal_starfish	1149	104	0.948	0.144	0.323
0.163	0.957	0.144	0.309	0.144		
	animal_shells	1149	78	0.737	0.346	0.463
0.216	0.769	0.342	0.447	0.175		
	animal_crab	1149	62	0.201	0.339	0.177

0.0951	0.206	0.339	0.191	0.054			
	animal_eel	1149	76	0.55	0.66	0.617	
0.377	0.557	0.646	0.608	0.275			
	animal_etc	1149	53	0.346	0.0377	0.0442	
0.019	0.366	0.0377	0.0502	0.0249			
	trash_etc	1149	393	0.323	0.356	0.251	
0.142	0.317	0.338	0.234	0.101			
	trash_frabric	1149	64	0.553	0.386	0.476	
0.361	0.546	0.376	0.475	0.317			
	trash_fishing_gear	1149	31	0.459	0.0968	0.0919	
0.073	0.467	0.0968	0.0883	0.0591			
	trash_metal	1149	217	0.557	0.418	0.476	
0.326	0.564	0.41	0.467	0.272			
	trash_paper	1149	39	0.452	0.256	0.315	
0.257	0.455	0.256	0.315	0.254			
	trash_plastic	1149	368	0.585	0.555	0.627	
0.435	0.552	0.515	0.543	0.308			
	trash_rubber	1149	29	0.971	0.345	0.358	
0.239	0.973	0.345	0.358	0.225			
	trash_wood	1149	64	0.63	0.375	0.53	
0.37	0.625	0.359	0.527	0.25			

Speed: 0.2ms preprocess, 1.9ms inference, 0.0ms loss, 1.6ms postprocess per image

Results saved to runs/segment/yolov8n-seg

Learn more at <https://docs.ultralytics.com/modes/train>

```
[ ]: # Download the inference data.
download_file(
    'https://www.dropbox.com/s/smdsotzz5al3bi2/trash_segment_inference_data.zip?dl=1',
    'trash_segment_inference_data.zip'
)

unzip(zip_file='trash_segment_inference_data.zip')
```

Extracted all

```
[ ]: # Plot and visualize images in a 2x2 grid.
def visualize(result_dir):
    """
    Function accepts a list of images and plots
    them in either a 1x1 grid or 2x2 grid.
    """
    image_names = glob.glob(os.path.join(result_dir, '*.jpg'))
    if len(image_names) < 4:
        plt.figure(figsize=(10, 7))
        for i, image_name in enumerate(image_names):
```

```

        image = plt.imread(image_name)
        plt.subplot(1, 1, i+1)
        plt.imshow(image)
        plt.axis('off')
        break
    if len(image_names) >= 4:
        plt.figure(figsize=(15, 12))
        for i, image_name in enumerate(image_names):
            image = plt.imread(image_name)
            plt.subplot(2, 2, i+1)
            plt.imshow(image)
            plt.axis('off')
            if i == 3:
                break
    plt.tight_layout()
    plt.show()

```

```

[ ]: !yolo predict \
model='runs/segment/yolov8n-seg/weights/best.pt' \
source='trash_inst_material/val/images/' \
name='yolov8n_predict' \
exist_ok=True \
save=True

```

Ultralytics YOLOv8.1.45 Python-3.10.12 torch-2.2.1+cu121 CUDA:0 (Tesla T4, 15102MiB)  
YOLOv8n-seg summary (fused): 195 layers, 3261184 parameters, 0 gradients, 12.0 GFLOPs

```

image 1/1204
/content/trash_inst_material/val/images/vid_000002_frame0000013.jpg: 384x640 1
trash_etc, 125.3ms
image 2/1204
/content/trash_inst_material/val/images/vid_000002_frame0000014.jpg: 384x640 1
trash_etc, 1 trash_plastic, 10.5ms
image 3/1204
/content/trash_inst_material/val/images/vid_000002_frame0000015.jpg: 384x640 1
trash_etc, 1 trash_plastic, 9.1ms
image 4/1204
/content/trash_inst_material/val/images/vid_000002_frame0000016.jpg: 384x640 1
trash_etc, 1 trash_plastic, 8.4ms
image 5/1204
/content/trash_inst_material/val/images/vid_000002_frame0000017.jpg: 384x640 1
trash_plastic, 8.1ms
image 6/1204
/content/trash_inst_material/val/images/vid_000002_frame0000018.jpg: 384x640 1
trash_plastic, 8.1ms

```

image 7/1204  
/content/trash\_inst\_material/val/images/vid\_000002\_frame0000019.jpg: 384x640 1  
trash\_plastic, 8.4ms  
image 8/1204  
/content/trash\_inst\_material/val/images/vid\_000002\_frame0000020.jpg: 384x640 1  
trash\_plastic, 8.0ms  
image 9/1204  
/content/trash\_inst\_material/val/images/vid\_000002\_frame0000021.jpg: 384x640 1  
trash\_plastic, 8.3ms  
image 10/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000001.jpg: 384x640 1  
animal\_eel, 7.9ms  
image 11/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000002.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 9.1ms  
image 12/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000003.jpg: 384x640 1  
animal\_eel, 8.0ms  
image 13/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000004.jpg: 384x640 1  
animal\_eel, 7.9ms  
image 14/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000005.jpg: 384x640 1  
animal\_eel, 12.3ms  
image 15/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000006.jpg: 384x640 1  
animal\_eel, 8.2ms  
image 16/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000007.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 1 trash\_plastic, 7.9ms  
image 17/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000008.jpg: 384x640 (no  
detections), 8.1ms  
image 18/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000018.jpg: 384x640 1  
trash\_etc, 7.8ms  
image 19/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000019.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 8.1ms  
image 20/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000020.jpg: 384x640 1  
trash\_plastic, 8.6ms  
image 21/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000021.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.6ms  
image 22/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000022.jpg: 384x640 1  
trash\_plastic, 7.5ms

image 23/1204  
/content/trash\_inst\_material/val/images/vid\_000003\_frame0000023.jpg: 384x640 1  
trash\_plastic, 7.7ms  
image 24/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000010.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 25/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000011.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 7.5ms  
image 26/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000012.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 10.5ms  
image 27/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000013.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 7.6ms  
image 28/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000014.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 7.6ms  
image 29/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000015.jpg: 384x640 1  
trash\_etc, 8.0ms  
image 30/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000016.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 31/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000017.jpg: 384x640 1  
trash\_etc, 7.6ms  
image 32/1204  
/content/trash\_inst\_material/val/images/vid\_000004\_frame0000018.jpg: 384x640 1  
animal\_eel, 2 trash\_etc, 7.5ms  
image 33/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000007.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 34/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000008.jpg: 384x640 1  
trash\_etc, 7.4ms  
image 35/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000009.jpg: 384x640 1  
trash\_etc, 7.4ms  
image 36/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000010.jpg: 384x640 1  
trash\_etc, 7.5ms  
image 37/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000011.jpg: 384x640 1  
trash\_etc, 7.4ms  
image 38/1204  
/content/trash\_inst\_material/val/images/vid\_000005\_frame0000012.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.4ms

image 39/1204  
/content/trash\_inst\_material/val/images/vid\_000020\_frame0000002.jpg: 384x640 1  
animal\_fish, 9.4ms  
image 40/1204  
/content/trash\_inst\_material/val/images/vid\_000020\_frame0000003.jpg: 384x640 1  
animal\_fish, 7.4ms  
image 41/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000001.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.4ms  
image 42/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000018.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.3ms  
image 43/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000019.jpg: 384x640 3  
rovs, 2 trash\_etc, 7.4ms  
image 44/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000020.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.5ms  
image 45/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000021.jpg: 384x640 3  
rovs, 3 trash\_etc, 7.3ms  
image 46/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000022.jpg: 384x640 3  
rovs, 1 trash\_etc, 9.3ms  
image 47/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000023.jpg: 384x640 3  
rovs, 1 trash\_etc, 1 trash\_wood, 7.3ms  
image 48/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000024.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.4ms  
image 49/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000025.jpg: 384x640 3  
rovs, 1 trash\_etc, 8.4ms  
image 50/1204  
/content/trash\_inst\_material/val/images/vid\_000021\_frame0000032.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.4ms  
image 51/1204  
/content/trash\_inst\_material/val/images/vid\_000022\_frame0000016.jpg: 384x640 1  
trash\_etc, 8.0ms  
image 52/1204  
/content/trash\_inst\_material/val/images/vid\_000022\_frame0000017.jpg: 384x640 1  
trash\_etc, 7.6ms  
image 53/1204  
/content/trash\_inst\_material/val/images/vid\_000022\_frame0000029.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 7.7ms  
image 54/1204  
/content/trash\_inst\_material/val/images/vid\_000022\_frame0000030.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 7.7ms



image 55/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000033.jpg: 384x640 1  
 trash\_etc, 7.9ms  
 image 56/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000040.jpg: 384x640 1  
 trash\_etc, 7.7ms  
 image 57/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000041.jpg: 384x640 1  
 trash\_etc, 7.7ms  
 image 58/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000042.jpg: 384x640 1  
 trash\_etc, 8.2ms  
 image 59/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000043.jpg: 384x640 1  
 trash\_etc, 13.5ms  
 image 60/1204  
 /content/trash\_inst\_material/val/images/vid\_000022\_frame0000044.jpg: 384x640 1  
 trash\_etc, 13.2ms  
 image 61/1204  
 /content/trash\_inst\_material/val/images/vid\_000024\_frame0000015.jpg: 384x640 4  
 trash\_etcs, 8.1ms  
 image 62/1204  
 /content/trash\_inst\_material/val/images/vid\_000024\_frame0000031.jpg: 384x640 4  
 trash\_etcs, 7.8ms  
 image 63/1204  
 /content/trash\_inst\_material/val/images/vid\_000024\_frame0000032.jpg: 384x640 2  
 trash\_etcs, 7.8ms  
 image 64/1204  
 /content/trash\_inst\_material/val/images/vid\_000024\_frame0000033.jpg: 384x640 1  
 trash\_etc, 7.7ms  
 image 65/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000007.jpg: 384x640 (no  
 detections), 7.7ms  
 image 66/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000008.jpg: 384x640 2  
 trash\_etcs, 7.6ms  
 image 67/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000009.jpg: 384x640 1  
 trash\_etc, 7.5ms  
 image 68/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000010.jpg: 384x640 1  
 animal\_fish, 1 trash\_etc, 7.6ms  
 image 69/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000011.jpg: 384x640 1  
 animal\_eel, 1 trash\_etc, 7.9ms  
 image 70/1204  
 /content/trash\_inst\_material/val/images/vid\_000025\_frame0000012.jpg: 384x640 1  
 trash\_etc, 7.6ms

image 71/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000013.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 72/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000014.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 73/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000015.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 74/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000016.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 75/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000017.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 7.7ms  
image 76/1204  
/content/trash\_inst\_material/val/images/vid\_000025\_frame0000019.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 77/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000009.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 78/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000010.jpg: 384x640 2  
trash\_etc, 8.0ms  
image 79/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000011.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 7.5ms  
image 80/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000012.jpg: 384x640 1  
trash\_metal, 8.3ms  
image 81/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000013.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.5ms  
image 82/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000014.jpg: 384x640 1  
trash\_plastic, 7.5ms  
image 83/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000015.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.9ms  
image 84/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000016.jpg: 384x640 1  
trash\_etc, 13.6ms  
image 85/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000017.jpg: 384x640 1  
trash\_etc, 13.3ms  
image 86/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000018.jpg: 384x640 1  
trash\_etc, 13.8ms

image 87/1204  
/content/trash\_inst\_material/val/images/vid\_000026\_frame0000019.jpg: 384x640 1  
trash\_etc, 14.3ms  
image 88/1204  
/content/trash\_inst\_material/val/images/vid\_000027\_frame0000047.jpg: 384x640 (no  
detections), 12.2ms  
image 89/1204  
/content/trash\_inst\_material/val/images/vid\_000027\_frame0000048.jpg: 384x640 1  
trash\_etc, 10.4ms  
image 90/1204  
/content/trash\_inst\_material/val/images/vid\_000027\_frame0000049.jpg: 384x640 1  
animal\_fish, 1 trash\_etc, 10.7ms  
image 91/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000004.jpg: 384x640 1  
trash\_etc, 10.1ms  
image 92/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000005.jpg: 384x640 1  
trash\_etc, 14.9ms  
image 93/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000006.jpg: 384x640 1  
trash\_etc, 14.2ms  
image 94/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000007.jpg: 384x640 1  
trash\_etc, 10.8ms  
image 95/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000008.jpg: 384x640 1  
trash\_etc, 11.7ms  
image 96/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000009.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 10.6ms  
image 97/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000010.jpg: 384x640 1  
trash\_etc, 10.5ms  
image 98/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000011.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 10.3ms  
image 99/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000012.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 12.5ms  
image 100/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000013.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 10.2ms  
image 101/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000014.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 10.2ms  
image 102/1204  
/content/trash\_inst\_material/val/images/vid\_000028\_frame0000015.jpg: 384x640 1  
trash\_etc, 1 trash\_wood, 10.0ms

image 103/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000016.jpg: 384x640 1  
 trash\_etc, 1 trash\_wood, 10.2ms  
 image 104/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000017.jpg: 384x640 1  
 trash\_wood, 10.2ms  
 image 105/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000025.jpg: 384x640 1  
 trash\_wood, 10.4ms  
 image 106/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000026.jpg: 384x640 1  
 trash\_wood, 10.2ms  
 image 107/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000027.jpg: 384x640 1  
 trash\_wood, 15.1ms  
 image 108/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000028.jpg: 384x640 1  
 trash\_wood, 12.0ms  
 image 109/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000039.jpg: 384x640 1  
 trash\_wood, 10.6ms  
 image 110/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000040.jpg: 384x640 1  
 trash\_wood, 9.7ms  
 image 111/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000041.jpg: 384x640 (no  
 detections), 9.8ms  
 image 112/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000042.jpg: 384x640 1  
 animal\_eel, 1 trash\_etc, 10.6ms  
 image 113/1204  
 /content/trash\_inst\_material/val/images/vid\_000028\_frame0000043.jpg: 384x640 1  
 animal\_fish, 10.0ms  
 image 114/1204  
 /content/trash\_inst\_material/val/images/vid\_000029\_frame0000015.jpg: 384x640 1  
 trash\_plastic, 9.9ms  
 image 115/1204  
 /content/trash\_inst\_material/val/images/vid\_000029\_frame0000016.jpg: 384x640 1  
 trash\_plastic, 9.8ms  
 image 116/1204  
 /content/trash\_inst\_material/val/images/vid\_000029\_frame0000017.jpg: 384x640 1  
 trash\_plastic, 11.0ms  
 image 117/1204  
 /content/trash\_inst\_material/val/images/vid\_000029\_frame0000018.jpg: 384x640 1  
 trash\_plastic, 10.2ms  
 image 118/1204  
 /content/trash\_inst\_material/val/images/vid\_000030\_frame0000001.jpg: 384x640 1  
 rov, 10.4ms

image 119/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000002.jpg: 384x640 1  
rov, 11.2ms  
image 120/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000003.jpg: 384x640 1  
rov, 10.6ms  
image 121/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000004.jpg: 384x640 1  
rov, 10.8ms  
image 122/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000005.jpg: 384x640 1  
rov, 12.2ms  
image 123/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000006.jpg: 384x640 1  
rov, 13.6ms  
image 124/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000007.jpg: 384x640 1  
rov, 16.5ms  
image 125/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000008.jpg: 384x640 1  
rov, 15.9ms  
image 126/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000009.jpg: 384x640 1  
rov, 1 animal\_fish, 11.4ms  
image 127/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000010.jpg: 384x640 1  
rov, 1 animal\_fish, 11.6ms  
image 128/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000011.jpg: 384x640 1  
rov, 1 animal\_fish, 1 trash\_etc, 13.6ms  
image 129/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000012.jpg: 384x640 1  
rov, 1 trash\_etc, 10.6ms  
image 130/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000013.jpg: 384x640 1  
rov, 1 animal\_fish, 1 trash\_etc, 15.8ms  
image 131/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000014.jpg: 384x640 1  
rov, 1 trash\_etc, 11.1ms  
image 132/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000016.jpg: 384x640 1  
rov, 1 trash\_etc, 12.6ms  
image 133/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000017.jpg: 384x640 1  
rov, 1 trash\_etc, 11.4ms  
image 134/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000018.jpg: 384x640 1  
rov, 1 trash\_etc, 23.7ms

image 135/1204  
/content/trash\_inst\_material/val/images/vid\_000030\_frame0000021.jpg: 384x640 1  
rov, 13.2ms  
image 136/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000017.jpg: 384x640 1  
trash\_etc, 10.0ms  
image 137/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000018.jpg: 384x640 (no  
detections), 11.1ms  
image 138/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000019.jpg: 384x640 1  
trash\_etc, 10.0ms  
image 139/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000020.jpg: 384x640 1  
trash\_etc, 10.4ms  
image 140/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000021.jpg: 384x640 1  
trash\_etc, 10.3ms  
image 141/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000022.jpg: 384x640 1  
trash\_etc, 10.6ms  
image 142/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000023.jpg: 384x640 1  
trash\_etc, 10.2ms  
image 143/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000031.jpg: 384x640 3  
rovs, 1 trash\_etc, 10.3ms  
image 144/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000032.jpg: 384x640 3  
rovs, 1 trash\_etc, 10.3ms  
image 145/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000033.jpg: 384x640 3  
rovs, 1 trash\_etc, 1 trash\_plastic, 10.4ms  
image 146/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000034.jpg: 384x640 1  
rov, 1 trash\_etc, 10.3ms  
image 147/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000035.jpg: 384x640 2  
rovs, 12.2ms  
image 148/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000036.jpg: 384x640 2  
rovs, 10.4ms  
image 149/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000037.jpg: 384x640 2  
rovs, 14.2ms  
image 150/1204  
/content/trash\_inst\_material/val/images/vid\_000031\_frame0000038.jpg: 384x640 2  
rovs, 1 animal\_eel, 11.6ms

image 151/1204  
 /content/trash\_inst\_material/val/images/vid\_000031\_frame0000050.jpg: 384x640 1  
 rov, 13.7ms  
 image 152/1204  
 /content/trash\_inst\_material/val/images/vid\_000032\_frame0000010.jpg: 384x640 (no  
 detections), 11.4ms  
 image 153/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000005.jpg: 384x640 1  
 rov, 1 trash\_paper, 9.7ms  
 image 154/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000006.jpg: 384x640 1  
 trash\_plastic, 9.8ms  
 image 155/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000007.jpg: 384x640 (no  
 detections), 10.6ms  
 image 156/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000008.jpg: 384x640 1  
 trash\_plastic, 9.7ms  
 image 157/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000014.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 11.0ms  
 image 158/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000015.jpg: 384x640 3  
 trash\_etc, 1 trash\_plastic, 9.8ms  
 image 159/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000016.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 14.2ms  
 image 160/1204  
 /content/trash\_inst\_material/val/images/vid\_000034\_frame0000017.jpg: 384x640 1  
 trash\_plastic, 10.1ms  
 image 161/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000001.jpg: 384x640 1  
 rov, 1 animal\_crab, 1 trash\_etc, 13.6ms  
 image 162/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000008.jpg: 384x640 1  
 rov, 1 trash\_etc, 9.9ms  
 image 163/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000035.jpg: 384x640 1  
 rov, 11.3ms  
 image 164/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000036.jpg: 384x640 2  
 rovs, 1 trash\_plastic, 10.2ms  
 image 165/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000037.jpg: 384x640 3  
 rovs, 2 trash\_plastics, 9.8ms  
 image 166/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000069.jpg: 384x640 1  
 rov, 1 trash\_metal, 9.7ms



image 167/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000070.jpg: 384x640 1  
rov, 1 trash\_metal, 11.0ms  
image 168/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000071.jpg: 384x640 1  
rov, 2 trash\_metals, 13.8ms  
image 169/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000075.jpg: 384x640 1  
rov, 2 trash\_metals, 11.2ms  
image 170/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000080.jpg: 384x640 1  
rov, 2 trash\_metals, 15.6ms  
image 171/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000083.jpg: 384x640 1  
rov, 1 trash\_frabric, 1 trash\_metal, 1 trash\_plastic, 17.4ms  
image 172/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000084.jpg: 384x640 1  
rov, 1 trash\_metal, 2 trash\_plastics, 10.2ms  
image 173/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000087.jpg: 384x640 1  
rov, 2 trash\_etcs, 2 trash\_metals, 12.4ms  
image 174/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000099.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_metal, 10.9ms  
image 175/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000104.jpg: 384x640 1  
rov, 9.9ms  
image 176/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000107.jpg: 384x640 1  
rov, 1 trash\_metal, 13.1ms  
image 177/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000110.jpg: 384x640 1  
rov, 15.7ms  
image 178/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000111.jpg: 384x640 1  
rov, 13.7ms  
image 179/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000112.jpg: 384x640 1  
rov, 13.2ms  
image 180/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000113.jpg: 384x640 1  
rov, 10.9ms  
image 181/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000114.jpg: 384x640 1  
rov, 21.0ms  
image 182/1204  
/content/trash\_inst\_material/val/images/vid\_000035\_frame0000115.jpg: 384x640 1  
rov, 12.0ms

image 183/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000116.jpg: 384x640 (no  
 detections), 13.8ms  
 image 184/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000117.jpg: 384x640 1  
 trash\_plastic, 13.2ms  
 image 185/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000118.jpg: 384x640 1  
 trash\_etc, 1 trash\_fishing\_gear, 14.0ms  
 image 186/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000119.jpg: 384x640 (no  
 detections), 15.3ms  
 image 187/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000120.jpg: 384x640 (no  
 detections), 14.0ms  
 image 188/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000121.jpg: 384x640 (no  
 detections), 18.9ms  
 image 189/1204  
 /content/trash\_inst\_material/val/images/vid\_000035\_frame0000122.jpg: 384x640 (no  
 detections), 17.0ms  
 image 190/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000004.jpg: 384x640 1  
 rov, 14.1ms  
 image 191/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000005.jpg: 384x640 1  
 rov, 1 plant, 14.0ms  
 image 192/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000006.jpg: 384x640 1  
 rov, 1 trash\_metal, 1 trash\_plastic, 14.0ms  
 image 193/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000007.jpg: 384x640 1  
 rov, 14.7ms  
 image 194/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000008.jpg: 384x640 1  
 rov, 1 plant, 1 trash\_metal, 1 trash\_plastic, 15.6ms  
 image 195/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000048.jpg: 384x640 1  
 rov, 2 trash\_etc, 2 trash\_plastics, 10.6ms  
 image 196/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000049.jpg: 384x640 1  
 rov, 1 trash\_metal, 1 trash\_plastic, 8.6ms  
 image 197/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000050.jpg: 384x640 1  
 rov, 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 image 198/1204  
 /content/trash\_inst\_material/val/images/vid\_000036\_frame0000051.jpg: 384x640 1  
 rov, 1 trash\_plastic, 7.8ms

image 199/1204  
/content/trash\_inst\_material/val/images/vid\_000036\_frame0000052.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.9ms  
image 200/1204  
/content/trash\_inst\_material/val/images/vid\_000036\_frame0000076.jpg: 384x640 1  
rov, 7.9ms  
image 201/1204  
/content/trash\_inst\_material/val/images/vid\_000036\_frame0000077.jpg: 384x640 1  
rov, 8.1ms  
image 202/1204  
/content/trash\_inst\_material/val/images/vid\_000036\_frame0000078.jpg: 384x640 1  
rov, 1 plant, 8.0ms  
image 203/1204  
/content/trash\_inst\_material/val/images/vid\_000037\_frame0000011.jpg: 384x640 1  
rov, 8.1ms  
image 204/1204  
/content/trash\_inst\_material/val/images/vid\_000037\_frame0000012.jpg: 384x640 1  
rov, 8.0ms  
image 205/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000010.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 206/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000011.jpg: 384x640 1  
trash\_etc, 7.8ms  
image 207/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000012.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 208/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000013.jpg: 384x640 3  
trash\_etc, 7.6ms  
image 209/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000014.jpg: 384x640 3  
trash\_etc, 7.6ms  
image 210/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000015.jpg: 384x640 2  
trash\_etc, 7.9ms  
image 211/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000016.jpg: 384x640 1  
trash\_etc, 7.8ms  
image 212/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000017.jpg: 384x640 1  
trash\_etc, 8.2ms  
image 213/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000018.jpg: 384x640 2  
trash\_etc, 7.8ms  
image 214/1204  
/content/trash\_inst\_material/val/images/vid\_000038\_frame0000019.jpg: 384x640 1  
trash\_etc, 7.8ms

image 215/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000020.jpg: 384x640 2  
 trash\_etcs, 7.7ms  
 image 216/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000025.jpg: 384x640 3  
 trash\_etcs, 7.6ms  
 image 217/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000029.jpg: 384x640 2  
 trash\_etcs, 7.6ms  
 image 218/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000030.jpg: 384x640 2  
 trash\_etcs, 1 trash\_metal, 7.8ms  
 image 219/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000031.jpg: 384x640 2  
 trash\_etcs, 1 trash\_metal, 7.9ms  
 image 220/1204  
 /content/trash\_inst\_material/val/images/vid\_000038\_frame0000032.jpg: 384x640 1  
 trash\_etc, 7.9ms  
 image 221/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000001.jpg: 384x640 1  
 rov, 7.9ms  
 image 222/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000002.jpg: 384x640 1  
 rov, 7.8ms  
 image 223/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000003.jpg: 384x640 1  
 rov, 8.4ms  
 image 224/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000004.jpg: 384x640 1  
 rov, 8.0ms  
 image 225/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000008.jpg: 384x640 1  
 plant, 7.8ms  
 image 226/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000009.jpg: 384x640 1  
 plant, 7.6ms  
 image 227/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000010.jpg: 384x640 1  
 plant, 1 trash\_etc, 7.9ms  
 image 228/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000011.jpg: 384x640 1  
 plant, 8.2ms  
 image 229/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000012.jpg: 384x640 1  
 animal\_fish, 12.4ms  
 image 230/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000013.jpg: 384x640 (no  
 detections), 14.8ms

image 231/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000014.jpg: 384x640 (no  
 detections), 11.2ms  
 image 232/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000018.jpg: 384x640 (no  
 detections), 8.1ms  
 image 233/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000019.jpg: 384x640 (no  
 detections), 7.8ms  
 image 234/1204  
 /content/trash\_inst\_material/val/images/vid\_000039\_frame0000020.jpg: 384x640 (no  
 detections), 7.5ms  
 image 235/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000001.jpg: 384x640 3  
 rovs, 7.7ms  
 image 236/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000002.jpg: 384x640 4  
 rovs, 1 trash\_etc, 8.0ms  
 image 237/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000011.jpg: 384x640 1  
 trash\_etc, 7.8ms  
 image 238/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000012.jpg: 384x640 1  
 trash\_etc, 7.9ms  
 image 239/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000014.jpg: 384x640 1  
 trash\_etc, 7.5ms  
 image 240/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000015.jpg: 384x640 2  
 trash\_etc, 7.8ms  
 image 241/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000016.jpg: 384x640 1  
 trash\_etc, 13.9ms  
 image 242/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000017.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.5ms  
 image 243/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000018.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.4ms  
 image 244/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000019.jpg: 384x640 1  
 trash\_etc, 7.5ms  
 image 245/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000020.jpg: 384x640 1  
 trash\_etc, 7.6ms  
 image 246/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000021.jpg: 384x640 (no  
 detections), 7.5ms

image 247/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000022.jpg: 384x640 (no detections), 8.3ms  
image 248/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000023.jpg: 384x640 (no detections), 7.6ms  
image 249/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000024.jpg: 384x640 (no detections), 7.4ms  
image 250/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000039.jpg: 384x640 (no detections), 7.6ms  
image 251/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000040.jpg: 384x640 1 rovs, 7.9ms  
image 252/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000041.jpg: 384x640 1 rovs, 8.0ms  
image 253/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000042.jpg: 384x640 3 rovs, 7.7ms  
image 254/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000043.jpg: 384x640 1 rovs, 7.6ms  
image 255/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000044.jpg: 384x640 2 rovs, 1 trash\_etc, 7.5ms  
image 256/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000045.jpg: 384x640 3 rovs, 7.5ms  
image 257/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000046.jpg: 384x640 3 rovs, 1 trash\_etc, 7.6ms  
image 258/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000047.jpg: 384x640 1 rovs, 8.1ms  
image 259/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000048.jpg: 384x640 1 rovs, 10.2ms  
image 260/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000049.jpg: 384x640 2 rovs, 7.8ms  
image 261/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000050.jpg: 384x640 2 rovs, 8.0ms  
image 262/1204  
/content/trash\_inst\_material/val/images/vid\_000040\_frame0000051.jpg: 384x640 3 rovs, 8.0ms

image 263/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000052.jpg: 384x640 3  
 rovs, 8.2ms  
 image 264/1204  
 /content/trash\_inst\_material/val/images/vid\_000040\_frame0000053.jpg: 384x640 2  
 rovs, 8.2ms  
 image 265/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000013.jpg: 384x640 1  
 trash\_etc, 7.8ms  
 image 266/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000014.jpg: 384x640 1  
 trash\_etc, 8.1ms  
 image 267/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000015.jpg: 384x640 1  
 trash\_etc, 7.7ms  
 image 268/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000016.jpg: 384x640 2  
 trash\_etcs, 7.7ms  
 image 269/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000026.jpg: 384x640 1  
 trash\_etc, 8.0ms  
 image 270/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000027.jpg: 384x640 1  
 trash\_etc, 9.2ms  
 image 271/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000028.jpg: 384x640 2  
 trash\_etcs, 7.7ms  
 image 272/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000029.jpg: 384x640 2  
 trash\_etcs, 7.8ms  
 image 273/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000030.jpg: 384x640 2  
 trash\_etcs, 7.6ms  
 image 274/1204  
 /content/trash\_inst\_material/val/images/vid\_000041\_frame0000031.jpg: 384x640 (no  
 detections), 11.3ms  
 image 275/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000001.jpg: 384x640 2  
 rovs, 1 trash\_etc, 7.8ms  
 image 276/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000002.jpg: 384x640 2  
 rovs, 7.9ms  
 image 277/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000003.jpg: 384x640 2  
 rovs, 7.6ms  
 image 278/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000004.jpg: 384x640 3  
 rovs, 2 trash\_etcs, 7.6ms

image 279/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000005.jpg: 384x640 3  
 rovs, 1 trash\_etc, 8.3ms  
 image 280/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000008.jpg: 384x640 2  
 rovs, 8.2ms  
 image 281/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000009.jpg: 384x640 3  
 rovs, 7.7ms  
 image 282/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000011.jpg: 384x640 3  
 rovs, 7.7ms  
 image 283/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000012.jpg: 384x640 3  
 rovs, 7.5ms  
 image 284/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000013.jpg: 384x640 2  
 rovs, 7.6ms  
 image 285/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000014.jpg: 384x640 3  
 rovs, 8.1ms  
 image 286/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000015.jpg: 384x640 3  
 rovs, 1 trash\_etc, 8.0ms  
 image 287/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000016.jpg: 384x640 3  
 rovs, 1 trash\_etc, 8.1ms  
 image 288/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000017.jpg: 384x640 3  
 rovs, 8.4ms  
 image 289/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000018.jpg: 384x640 3  
 rovs, 8.1ms  
 image 290/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000019.jpg: 384x640 2  
 rovs, 7.7ms  
 image 291/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000020.jpg: 384x640 2  
 rovs, 11.0ms  
 image 292/1204  
 /content/trash\_inst\_material/val/images/vid\_000042\_frame0000021.jpg: 384x640 3  
 rovs, 7.8ms  
 image 293/1204  
 /content/trash\_inst\_material/val/images/vid\_000043\_frame0000008.jpg: 384x640 (no  
 detections), 7.8ms  
 image 294/1204  
 /content/trash\_inst\_material/val/images/vid\_000043\_frame0000019.jpg: 384x640 1  
 trash\_etc, 7.7ms



image 295/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000011.jpg: 384x640 (no  
 detections), 7.9ms  
 image 296/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000012.jpg: 384x640 (no  
 detections), 7.6ms  
 image 297/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000013.jpg: 384x640 1  
 trash\_etc, 8.5ms  
 image 298/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000014.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.8ms  
 image 299/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000015.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 8.4ms  
 image 300/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000016.jpg: 384x640 1  
 trash\_etc, 14.0ms  
 image 301/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000018.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.7ms  
 image 302/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000019.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.7ms  
 image 303/1204  
 /content/trash\_inst\_material/val/images/vid\_000044\_frame0000020.jpg: 384x640 (no  
 detections), 8.7ms  
 image 304/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000002.jpg: 384x640 2  
 rovs, 7.7ms  
 image 305/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000005.jpg: 384x640 1  
 rov, 1 trash\_etc, 7.6ms  
 image 306/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000006.jpg: 384x640 1  
 rov, 7.4ms  
 image 307/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000007.jpg: 384x640 1  
 rov, 1 animal\_eel, 7.8ms  
 image 308/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000008.jpg: 384x640 1  
 rov, 1 animal\_eel, 8.1ms  
 image 309/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000009.jpg: 384x640 1  
 rov, 1 animal\_eel, 8.1ms  
 image 310/1204  
 /content/trash\_inst\_material/val/images/vid\_000045\_frame0000010.jpg: 384x640 1  
 rov, 7.5ms

image 311/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000011.jpg: 384x640 1  
rov, 7.5ms  
image 312/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000012.jpg: 384x640 1  
rov, 7.3ms  
image 313/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000013.jpg: 384x640 1  
rov, 7.5ms  
image 314/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000014.jpg: 384x640 1  
rov, 8.4ms  
image 315/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000016.jpg: 384x640 1  
rov, 7.9ms  
image 316/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000017.jpg: 384x640 1  
rov, 8.1ms  
image 317/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000018.jpg: 384x640 1  
rov, 8.0ms  
image 318/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000019.jpg: 384x640 1  
rov, 7.8ms  
image 319/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000020.jpg: 384x640 1  
rov, 8.0ms  
image 320/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000039.jpg: 384x640 3  
rovs, 1 animal\_eel, 1 trash\_plastic, 8.1ms  
image 321/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000047.jpg: 384x640 1  
rov, 7.5ms  
image 322/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000051.jpg: 384x640 1  
rov, 1 animal\_eel, 7.4ms  
image 323/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000052.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 7.7ms  
image 324/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000053.jpg: 384x640 1  
rov, 7.6ms  
image 325/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000054.jpg: 384x640 1  
rov, 7.8ms  
image 326/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000060.jpg: 384x640 1  
rov, 1 animal\_eel, 1 trash\_etc, 11.1ms

image 327/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000061.jpg: 384x640 1  
rov, 10.3ms  
image 328/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000062.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 7.6ms  
image 329/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000063.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 7.7ms  
image 330/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000064.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 7.6ms  
image 331/1204  
/content/trash\_inst\_material/val/images/vid\_000045\_frame0000065.jpg: 384x640 1  
rov, 1 animal\_eel, 7.7ms  
image 332/1204  
/content/trash\_inst\_material/val/images/vid\_000046\_frame0000003.jpg: 384x640 3  
rovs, 8.2ms  
image 333/1204  
/content/trash\_inst\_material/val/images/vid\_000046\_frame0000012.jpg: 384x640 3  
rovs, 7.6ms  
image 334/1204  
/content/trash\_inst\_material/val/images/vid\_000046\_frame0000013.jpg: 384x640 3  
rovs, 8.1ms  
image 335/1204  
/content/trash\_inst\_material/val/images/vid\_000047\_frame0000007.jpg: 384x640 1  
rov, 1 trash\_etc, 7.6ms  
image 336/1204  
/content/trash\_inst\_material/val/images/vid\_000047\_frame0000008.jpg: 384x640 1  
rov, 1 trash\_etc, 8.7ms  
image 337/1204  
/content/trash\_inst\_material/val/images/vid\_000047\_frame0000019.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.8ms  
image 338/1204  
/content/trash\_inst\_material/val/images/vid\_000047\_frame0000020.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.6ms  
image 339/1204  
/content/trash\_inst\_material/val/images/vid\_000047\_frame0000021.jpg: 384x640 1  
rov, 7.9ms  
image 340/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000008.jpg: 384x640 2  
rovs, 1 trash\_etc, 8.1ms  
image 341/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000009.jpg: 384x640 2  
rovs, 1 animal\_fish, 8.1ms  
image 342/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000010.jpg: 384x640 1  
rov, 8.0ms

image 343/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000011.jpg: 384x640 1  
rov, 2 trash\_etcs, 11.4ms  
image 344/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000012.jpg: 384x640 1  
rov, 1 trash\_etc, 8.3ms  
image 345/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000013.jpg: 384x640 2  
rovs, 7.9ms  
image 346/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000017.jpg: 384x640 1  
rov, 2 trash\_etcs, 7.8ms  
image 347/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000018.jpg: 384x640 2  
rovs, 1 trash\_etc, 7.9ms  
image 348/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000025.jpg: 384x640 2  
rovs, 8.1ms  
image 349/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000026.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.9ms  
image 350/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000027.jpg: 384x640 1  
rov, 9.2ms  
image 351/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000028.jpg: 384x640 1  
rov, 9.7ms  
image 352/1204  
/content/trash\_inst\_material/val/images/vid\_000048\_frame0000029.jpg: 384x640 1  
rov, 8.4ms  
image 353/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000011.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 8.2ms  
image 354/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000012.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_metal, 8.2ms  
image 355/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000013.jpg: 384x640 1  
rov, 1 trash\_etc, 7.9ms  
image 356/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000015.jpg: 384x640 (no  
detections), 7.8ms  
image 357/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000016.jpg: 384x640 1  
trash\_etc, 8.1ms  
image 358/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000017.jpg: 384x640 2  
trash\_etcs, 14.5ms

image 359/1204  
/content/trash\_inst\_material/val/images/vid\_000049\_frame0000018.jpg: 384x640 2  
trash\_etcs, 1 trash\_metal, 10.5ms  
image 360/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000004.jpg: 384x640 1  
trash\_etc, 8.0ms  
image 361/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000005.jpg: 384x640 (no  
detections), 7.7ms  
image 362/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000007.jpg: 384x640 1  
trash\_etc, 8.0ms  
image 363/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000011.jpg: 384x640 1  
trash\_etc, 8.1ms  
image 364/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000012.jpg: 384x640 2  
trash\_etcs, 8.4ms  
image 365/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000013.jpg: 384x640 2  
trash\_etcs, 1 trash\_metal, 8.2ms  
image 366/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000014.jpg: 384x640 2  
trash\_etcs, 2 trash\_metals, 8.1ms  
image 367/1204  
/content/trash\_inst\_material/val/images/vid\_000050\_frame0000016.jpg: 384x640 2  
trash\_etcs, 1 trash\_metal, 8.2ms  
image 368/1204  
/content/trash\_inst\_material/val/images/vid\_000051\_frame0000016.jpg: 384x640 1  
trash\_etc, 8.0ms  
image 369/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000021.jpg: 384x640 1  
rov, 2 trash\_etcs, 7.8ms  
image 370/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000022.jpg: 384x640 1  
rov, 3 trash\_etcs, 7.8ms  
image 371/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000023.jpg: 384x640 1  
rov, 2 trash\_etcs, 8.0ms  
image 372/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000027.jpg: 384x640 1  
rov, 2 trash\_etcs, 1 trash\_frabric, 1 trash\_plastic, 7.7ms  
image 373/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000029.jpg: 384x640 1  
rov, 2 trash\_etcs, 1 trash\_frabric, 7.7ms  
image 374/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000031.jpg: 384x640 1  
rov, 2 trash\_etcs, 1 trash\_plastic, 7.8ms

image 375/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000033.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_plastic, 7.4ms  
image 376/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000037.jpg: 384x640 1  
rov, 1 trash\_plastic, 10.1ms  
image 377/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000041.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_plastic, 7.6ms  
image 378/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000064.jpg: 384x640 1  
rov, 7.6ms  
image 379/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000066.jpg: 384x640 4  
rovs, 1 trash\_etc, 7.6ms  
image 380/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000068.jpg: 384x640 4  
rovs, 1 trash\_etc, 7.4ms  
image 381/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000070.jpg: 384x640 1  
rov, 1 trash\_etc, 8.4ms  
image 382/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000072.jpg: 384x640 1  
rov, 1 trash\_etc, 8.0ms  
image 383/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000074.jpg: 384x640 1  
rov, 7.7ms  
image 384/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000076.jpg: 384x640 1  
rov, 1 trash\_metal, 7.8ms  
image 385/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000078.jpg: 384x640 1  
rov, 7.5ms  
image 386/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000089.jpg: 384x640 1  
rov, 7.8ms  
image 387/1204  
/content/trash\_inst\_material/val/images/vid\_000052\_frame0000091.jpg: 384x640 1  
rov, 7.7ms  
image 388/1204  
/content/trash\_inst\_material/val/images/vid\_000053\_frame0000001.jpg: 384x640 2  
rovs, 7.6ms  
image 389/1204  
/content/trash\_inst\_material/val/images/vid\_000053\_frame0000002.jpg: 384x640 3  
rovs, 7.6ms  
image 390/1204  
/content/trash\_inst\_material/val/images/vid\_000053\_frame0000040.jpg: 384x640 3  
rovs, 7.6ms

image 391/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000001.jpg: 384x640 2  
rovs, 8.2ms  
image 392/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000002.jpg: 384x640 2  
rovs, 8.9ms  
image 393/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000003.jpg: 384x640 3  
rovs, 7.7ms  
image 394/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000004.jpg: 384x640 2  
rovs, 7.6ms  
image 395/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000005.jpg: 384x640 2  
rovs, 7.6ms  
image 396/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000006.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.9ms  
image 397/1204  
/content/trash\_inst\_material/val/images/vid\_000054\_frame0000036.jpg: 384x640 2  
rovs, 8.1ms  
image 398/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000060.jpg: 384x640 1  
rov, 8.0ms  
image 399/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000070.jpg: 384x640 1  
rov, 8.2ms  
image 400/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000075.jpg: 384x640 2  
rovs, 7.9ms  
image 401/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000080.jpg: 384x640 2  
rovs, 7.5ms  
image 402/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000095.jpg: 384x640 2  
rovs, 7.8ms  
image 403/1204  
/content/trash\_inst\_material/val/images/vid\_000055\_frame0000175.jpg: 384x640 2  
rovs, 8.0ms  
image 404/1204  
/content/trash\_inst\_material/val/images/vid\_000063\_frame0000001.jpg: 384x640 3  
rovs, 7.5ms  
image 405/1204  
/content/trash\_inst\_material/val/images/vid\_000063\_frame0000002.jpg: 384x640 2  
rovs, 7.5ms  
image 406/1204  
/content/trash\_inst\_material/val/images/vid\_000063\_frame0000003.jpg: 384x640 3  
rovs, 7.8ms

image 407/1204  
 /content/trash\_inst\_material/val/images/vid\_000063\_frame0000040.jpg: 384x640 2  
 rovs, 7.7ms  
 image 408/1204  
 /content/trash\_inst\_material/val/images/vid\_000063\_frame0000044.jpg: 384x640 2  
 rovs, 1 plant, 7.8ms  
 image 409/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000001.jpg: 384x640 1  
 animal\_fish, 10.2ms  
 image 410/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000002.jpg: 384x640 1  
 animal\_fish, 1 animal\_crab, 10.7ms  
 image 411/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000003.jpg: 384x640 (no  
 detections), 7.9ms  
 image 412/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000006.jpg: 384x640 1  
 trash\_etc, 7.8ms  
 image 413/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000007.jpg: 384x640 1  
 trash\_etc, 8.0ms  
 image 414/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000008.jpg: 384x640 1  
 trash\_etc, 13.1ms  
 image 415/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000009.jpg: 384x640 1  
 trash\_etc, 8.6ms  
 image 416/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000010.jpg: 384x640 1  
 trash\_etc, 7.7ms  
 image 417/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000020.jpg: 384x640 (no  
 detections), 7.6ms  
 image 418/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000030.jpg: 384x640 1  
 trash\_etc, 7.8ms  
 image 419/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000050.jpg: 384x640 1  
 trash\_etc, 8.1ms  
 image 420/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000060.jpg: 384x640 1  
 trash\_etc, 7.9ms  
 image 421/1204  
 /content/trash\_inst\_material/val/images/vid\_000069\_frame0000070.jpg: 384x640 1  
 trash\_etc, 8.0ms  
 image 422/1204  
 /content/trash\_inst\_material/val/images/vid\_000070\_frame0000004.jpg: 384x640 1  
 rov, 7.4ms



image 423/1204  
/content/trash\_inst\_material/val/images/vid\_000070\_frame0000005.jpg: 384x640 1  
rov, 7.3ms  
image 424/1204  
/content/trash\_inst\_material/val/images/vid\_000070\_frame0000006.jpg: 384x640 1  
rov, 7.3ms  
image 425/1204  
/content/trash\_inst\_material/val/images/vid\_000070\_frame0000010.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_wood, 11.7ms  
image 426/1204  
/content/trash\_inst\_material/val/images/vid\_000072\_frame0000040.jpg: 384x640 2  
rovs, 7.8ms  
image 427/1204  
/content/trash\_inst\_material/val/images/vid\_000072\_frame0000044.jpg: 384x640 1  
rov, 1 trash\_paper, 7.6ms  
image 428/1204  
/content/trash\_inst\_material/val/images/vid\_000073\_frame0000055.jpg: 384x640 1  
trash\_etc, 1 trash\_fishing\_gear, 8.0ms  
image 429/1204  
/content/trash\_inst\_material/val/images/vid\_000073\_frame0000056.jpg: 384x640 1  
plant, 1 trash\_etc, 1 trash\_fishing\_gear, 7.7ms  
image 430/1204  
/content/trash\_inst\_material/val/images/vid\_000073\_frame0000063.jpg: 384x640 1  
trash\_etc, 1 trash\_fishing\_gear, 7.7ms  
image 431/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000001.jpg: 384x640 2  
rovs, 7.5ms  
image 432/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000016.jpg: 384x640 2  
rovs, 7.8ms  
image 433/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000020.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.6ms  
image 434/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000021.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.6ms  
image 435/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000022.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.4ms  
image 436/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000023.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.7ms  
image 437/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000025.jpg: 384x640 3  
rovs, 1 trash\_metal, 7.8ms  
image 438/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000026.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.7ms

image 439/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000027.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.5ms  
image 440/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000028.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.4ms  
image 441/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000029.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.5ms  
image 442/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000030.jpg: 384x640 2  
rovs, 1 trash\_metal, 10.9ms  
image 443/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000036.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.5ms  
image 444/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000048.jpg: 384x640 1  
rov, 1 trash\_metal, 7.8ms  
image 445/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000049.jpg: 384x640 1  
rov, 1 trash\_metal, 7.6ms  
image 446/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000050.jpg: 384x640 1  
rov, 8.2ms  
image 447/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000051.jpg: 384x640 1  
rov, 7.6ms  
image 448/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000052.jpg: 384x640 1  
rov, 7.5ms  
image 449/1204  
/content/trash\_inst\_material/val/images/vid\_000074\_frame0000053.jpg: 384x640 1  
rov, 7.5ms  
image 450/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000037.jpg: 384x640 2  
trash\_etcs, 7.6ms  
image 451/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000043.jpg: 384x640 1  
trash\_etc, 8.5ms  
image 452/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000044.jpg: 384x640 2  
trash\_etcs, 7.4ms  
image 453/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000045.jpg: 384x640 4  
trash\_etcs, 7.5ms  
image 454/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000056.jpg: 384x640 1  
rov, 2 trash\_etcs, 8.3ms

image 455/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000057.jpg: 384x640 1  
rov, 3 trash\_etcs, 7.5ms  
image 456/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000058.jpg: 384x640 1  
rov, 1 trash\_etc, 7.7ms  
image 457/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000059.jpg: 384x640 1  
rov, 3 trash\_etcs, 7.8ms  
image 458/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000060.jpg: 384x640 1  
rov, 2 trash\_etcs, 7.9ms  
image 459/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000061.jpg: 384x640 1  
rov, 3 trash\_etcs, 11.4ms  
image 460/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000062.jpg: 384x640 3  
trash\_etcs, 7.8ms  
image 461/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000063.jpg: 384x640 3  
trash\_etcs, 7.6ms  
image 462/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000070.jpg: 384x640 3  
trash\_etcs, 7.7ms  
image 463/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000075.jpg: 384x640 2  
trash\_etcs, 7.4ms  
image 464/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000115.jpg: 384x640 1  
rov, 2 trash\_etcs, 7.7ms  
image 465/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000170.jpg: 384x640 2  
rovs, 1 trash\_etc, 7.9ms  
image 466/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000175.jpg: 384x640 2  
rovs, 2 trash\_etcs, 8.2ms  
image 467/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000180.jpg: 384x640 2  
rovs, 1 trash\_etc, 7.3ms  
image 468/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000184.jpg: 384x640 2  
rovs, 1 trash\_etc, 7.4ms  
image 469/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000185.jpg: 384x640 3  
rovs, 1 trash\_etc, 7.5ms  
image 470/1204  
/content/trash\_inst\_material/val/images/vid\_000075\_frame0000190.jpg: 384x640 3  
rovs, 7.4ms

image 471/1204  
 /content/trash\_inst\_material/val/images/vid\_000075\_frame0000195.jpg: 384x640 2  
 rovs, 13.4ms  
 image 472/1204  
 /content/trash\_inst\_material/val/images/vid\_000075\_frame0000200.jpg: 384x640 2  
 rovs, 11.4ms  
 image 473/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000002.jpg: 384x640 2  
 rovs, 1 animal\_eel, 7.5ms  
 image 474/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000003.jpg: 384x640 2  
 rovs, 1 animal\_eel, 1 trash\_etc, 1 trash\_frabric, 7.8ms  
 image 475/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000004.jpg: 384x640 2  
 rovs, 1 animal\_eel, 1 trash\_etc, 1 trash\_frabric, 8.0ms  
 image 476/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000005.jpg: 384x640 3  
 rovs, 1 animal\_eel, 1 trash\_frabric, 7.7ms  
 image 477/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000006.jpg: 384x640 1  
 rov, 1 trash\_frabric, 8.0ms  
 image 478/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000018.jpg: 384x640 1  
 trash\_frabric, 8.0ms  
 image 479/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000019.jpg: 384x640 1  
 trash\_frabric, 7.7ms  
 image 480/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000021.jpg: 384x640 1  
 trash\_frabric, 9.2ms  
 image 481/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000022.jpg: 384x640 1  
 trash\_frabric, 10.2ms  
 image 482/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000023.jpg: 384x640 1  
 trash\_frabric, 8.0ms  
 image 483/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000024.jpg: 384x640 1  
 trash\_frabric, 7.8ms  
 image 484/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000035.jpg: 384x640 1  
 trash\_frabric, 8.1ms  
 image 485/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000036.jpg: 384x640 1  
 trash\_etc, 1 trash\_frabric, 8.1ms  
 image 486/1204  
 /content/trash\_inst\_material/val/images/vid\_000076\_frame0000037.jpg: 384x640 (no  
 detections), 7.3ms

image 487/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000001.jpg: 384x640 1  
rov, 2 trash\_etc, 1 trash\_plastic, 7.9ms  
image 488/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000002.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.5ms  
image 489/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000003.jpg: 384x640 1  
rov, 1 trash\_frabric, 1 trash\_plastic, 8.6ms  
image 490/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000004.jpg: 384x640 2  
rovs, 1 trash\_plastic, 7.6ms  
image 491/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000005.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.5ms  
image 492/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000006.jpg: 384x640 1  
trash\_plastic, 7.3ms  
image 493/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000007.jpg: 384x640 1  
trash\_plastic, 12.9ms  
image 494/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000008.jpg: 384x640 1  
trash\_plastic, 7.9ms  
image 495/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000019.jpg: 384x640 1  
trash\_plastic, 7.4ms  
image 496/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000020.jpg: 384x640 1  
trash\_plastic, 7.5ms  
image 497/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000029.jpg: 384x640 1  
trash\_plastic, 7.7ms  
image 498/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000030.jpg: 384x640 1  
trash\_frabric, 1 trash\_plastic, 7.7ms  
image 499/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000032.jpg: 384x640 1  
trash\_plastic, 8.0ms  
image 500/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000033.jpg: 384x640 1  
trash\_plastic, 7.6ms  
image 501/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000034.jpg: 384x640 1  
animal\_fish, 1 trash\_plastic, 7.8ms  
image 502/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000036.jpg: 384x640 (no  
detections), 8.3ms

image 503/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000037.jpg: 384x640 1  
trash\_plastic, 7.4ms  
image 504/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000038.jpg: 384x640 1  
trash\_plastic, 7.6ms  
image 505/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000042.jpg: 384x640 2  
trash\_plastics, 7.7ms  
image 506/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000050.jpg: 384x640 1  
trash\_plastic, 7.5ms  
image 507/1204  
/content/trash\_inst\_material/val/images/vid\_000077\_frame0000051.jpg: 384x640 1  
trash\_etc, 7.4ms  
image 508/1204  
/content/trash\_inst\_material/val/images/vid\_000078\_frame0000003.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 509/1204  
/content/trash\_inst\_material/val/images/vid\_000078\_frame0000004.jpg: 384x640 1  
trash\_etc, 7.2ms  
image 510/1204  
/content/trash\_inst\_material/val/images/vid\_000078\_frame0000005.jpg: 384x640 1  
trash\_etc, 7.3ms  
image 511/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000008.jpg: 384x640 1  
trash\_plastic, 9.1ms  
image 512/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000011.jpg: 384x640 1  
trash\_plastic, 7.5ms  
image 513/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000016.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.5ms  
image 514/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000017.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.3ms  
image 515/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000018.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 8.3ms  
image 516/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000019.jpg: 384x640 1  
trash\_plastic, 7.4ms  
image 517/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000026.jpg: 384x640 1  
trash\_plastic, 8.2ms  
image 518/1204  
/content/trash\_inst\_material/val/images/vid\_000079\_frame0000027.jpg: 384x640 1  
trash\_plastic, 7.3ms

image 519/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000039.jpg: 384x640 1  
 trash\_plastic, 7.6ms  
 image 520/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000050.jpg: 384x640 1  
 trash\_plastic, 7.5ms  
 image 521/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000055.jpg: 384x640 1  
 trash\_plastic, 7.8ms  
 image 522/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000058.jpg: 384x640 1  
 trash\_plastic, 7.2ms  
 image 523/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000061.jpg: 384x640 1  
 trash\_plastic, 11.0ms  
 image 524/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000070.jpg: 384x640 1  
 trash\_plastic, 7.5ms  
 image 525/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000073.jpg: 384x640 1  
 trash\_plastic, 7.4ms  
 image 526/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000079.jpg: 384x640 1  
 trash\_plastic, 7.5ms  
 image 527/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000115.jpg: 384x640 1  
 trash\_etc, 1 trash\_plastic, 7.6ms  
 image 528/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000118.jpg: 384x640 1  
 trash\_etc, 7.6ms  
 image 529/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000120.jpg: 384x640 1  
 trash\_etc, 11.4ms  
 image 530/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000121.jpg: 384x640 1  
 trash\_etc, 8.7ms  
 image 531/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000126.jpg: 384x640 (no  
 detections), 7.7ms  
 image 532/1204  
 /content/trash\_inst\_material/val/images/vid\_000079\_frame0000127.jpg: 384x640 (no  
 detections), 8.0ms  
 image 533/1204  
 /content/trash\_inst\_material/val/images/vid\_000080\_frame0000029.jpg: 384x640 1  
 trash\_plastic, 7.9ms  
 image 534/1204  
 /content/trash\_inst\_material/val/images/vid\_000080\_frame0000030.jpg: 384x640 1  
 trash\_plastic, 7.6ms

image 535/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000031.jpg: 384x640 1  
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image 536/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000034.jpg: 384x640 1  
trash\_plastic, 7.7ms  
image 537/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000037.jpg: 384x640 1  
trash\_plastic, 7.5ms  
image 538/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000045.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 8.0ms  
image 539/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000046.jpg: 384x640 1  
trash\_plastic, 7.6ms  
image 540/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000051.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.9ms  
image 541/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000052.jpg: 384x640 1  
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image 542/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000054.jpg: 384x640 1  
trash\_plastic, 7.8ms  
image 543/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000055.jpg: 384x640 1  
trash\_plastic, 7.7ms  
image 544/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000056.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.8ms  
image 545/1204  
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animal\_fish, 1 trash\_plastic, 7.4ms  
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image 548/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000060.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.6ms  
image 549/1204  
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image 550/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000063.jpg: 384x640 1  
trash\_plastic, 7.8ms



image 551/1204  
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image 552/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000082.jpg: 384x640 1  
trash\_plastic, 12.5ms  
image 553/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000090.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.5ms  
image 554/1204  
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trash\_etc, 1 trash\_plastic, 7.5ms  
image 555/1204  
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trash\_plastic, 7.4ms  
image 556/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000122.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.9ms  
image 557/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000124.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.5ms  
image 558/1204  
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image 559/1204  
/content/trash\_inst\_material/val/images/vid\_000080\_frame0000126.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.7ms  
image 560/1204  
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trash\_etc, 8.2ms  
image 561/1204  
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image 562/1204  
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trash\_etc, 7.7ms  
image 563/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000018.jpg: 384x640 1  
trash\_etc, 7.6ms  
image 564/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000020.jpg: 384x640 1  
trash\_etc, 7.5ms  
image 565/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000021.jpg: 384x640 1  
trash\_etc, 7.4ms  
image 566/1204  
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trash\_etc, 7.5ms

image 567/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000023.jpg: 384x640 1  
trash\_etc, 7.8ms  
image 568/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000024.jpg: 384x640 1  
trash\_etc, 7.8ms  
image 569/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000025.jpg: 384x640 1  
trash\_etc, 7.9ms  
image 570/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000026.jpg: 384x640 1  
trash\_etc, 8.1ms  
image 571/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000029.jpg: 384x640 1  
trash\_metal, 7.5ms  
image 572/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000031.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 7.5ms  
image 573/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000037.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 7.7ms  
image 574/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000039.jpg: 384x640 1  
trash\_etc, 7.7ms  
image 575/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000040.jpg: 384x640 1  
trash\_etc, 1 trash\_metal, 8.4ms  
image 576/1204  
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trash\_etc, 7.7ms  
image 577/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000042.jpg: 384x640 1  
trash\_metal, 7.8ms  
image 578/1204  
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trash\_metal, 7.9ms  
image 579/1204  
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trash\_etc, 7.8ms  
image 580/1204  
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trash\_plastic, 7.6ms  
image 581/1204  
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detections), 8.4ms  
image 582/1204  
/content/trash\_inst\_material/val/images/vid\_000081\_frame0000047.jpg: 384x640 1  
trash\_metal, 7.6ms

image 583/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000005.jpg: 384x640 3  
rovs, 2 animal\_eels, 7.4ms  
image 584/1204  
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rovs, 1 animal\_eel, 7.4ms  
image 585/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000008.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.4ms  
image 586/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000010.jpg: 384x640 1  
rov, 2 trash\_plastics, 7.7ms  
image 587/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000015.jpg: 384x640 1  
rov, 1 trash\_plastic, 12.7ms  
image 588/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000017.jpg: 384x640 1  
rov, 1 trash\_plastic, 12.0ms  
image 589/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000018.jpg: 384x640 3  
rovs, 1 trash\_plastic, 7.8ms  
image 590/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000019.jpg: 384x640 2  
rovs, 1 trash\_metal, 8.0ms  
image 591/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000020.jpg: 384x640 3  
rovs, 1 trash\_metal, 7.6ms  
image 592/1204  
/content/trash\_inst\_material/val/images/vid\_000082\_frame0000026.jpg: 384x640 3  
rovs, 1 trash\_metal, 7.4ms  
image 593/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000041.jpg: 384x640 1  
trash\_metal, 1 trash\_plastic, 7.4ms  
image 594/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000047.jpg: 384x640 1  
trash\_plastic, 7.7ms  
image 595/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000056.jpg: 384x640 1  
trash\_plastic, 7.8ms  
image 596/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000064.jpg: 384x640 1  
trash\_plastic, 8.6ms  
image 597/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000065.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.9ms  
image 598/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000071.jpg: 384x640 1  
rov, 1 trash\_plastic, 10.5ms

image 599/1204  
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rov, 1 trash\_plastic, 7.5ms  
image 600/1204  
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trash\_plastic, 7.6ms  
image 601/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000075.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.8ms  
image 602/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000081.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.5ms  
image 603/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000082.jpg: 384x640 1  
rov, 1 trash\_plastic, 8.1ms  
image 604/1204  
/content/trash\_inst\_material/val/images/vid\_000084\_frame0000092.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.7ms  
image 605/1204  
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animal\_eel, 1 trash\_etc, 7.9ms  
image 606/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000009.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 1 trash\_plastic, 7.5ms  
image 607/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000010.jpg: 384x640 1  
animal\_eel, 2 trash\_etc, 7.6ms  
image 608/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000011.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 1 trash\_frabric, 7.7ms  
image 609/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000012.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 1 trash\_frabric, 7.6ms  
image 610/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000013.jpg: 384x640 1  
trash\_etc, 1 trash\_plastic, 7.7ms  
image 611/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000015.jpg: 384x640 1  
trash\_plastic, 7.9ms  
image 612/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000019.jpg: 384x640 1  
plant, 1 trash\_plastic, 7.6ms  
image 613/1204  
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plant, 1 trash\_plastic, 7.9ms  
image 614/1204  
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plant, 1 trash\_plastic, 8.0ms

image 615/1204  
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plant, 1 trash\_plastic, 12.6ms  
image 616/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000036.jpg: 384x640 1  
plant, 1 trash\_plastic, 7.7ms  
image 617/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000037.jpg: 384x640 1  
plant, 1 animal\_fish, 2 trash\_plastics, 7.9ms  
image 618/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000041.jpg: 384x640 1  
plant, 1 trash\_plastic, 7.8ms  
image 619/1204  
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animal\_eel, 1 trash\_etc, 1 trash\_plastic, 7.9ms  
image 620/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000046.jpg: 384x640 1  
animal\_eel, 1 trash\_etc, 2 trash\_plastics, 8.4ms  
image 621/1204  
/content/trash\_inst\_material/val/images/vid\_000085\_frame0000047.jpg: 384x640 1  
animal\_fish, 1 animal\_eel, 1 trash\_etc, 1 trash\_plastic, 8.0ms  
image 622/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000013.jpg: 384x640 3  
rovs, 1 trash\_frabric, 1 trash\_paper, 8.0ms  
image 623/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000015.jpg: 384x640 1  
rov, 1 trash\_frabric, 1 trash\_paper, 7.7ms  
image 624/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000016.jpg: 384x640 1  
rov, 1 trash\_frabric, 7.6ms  
image 625/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000019.jpg: 384x640 1  
rov, 1 trash\_etc, 7.9ms  
image 626/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000023.jpg: 384x640 1  
rov, 8.3ms  
image 627/1204  
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trash\_paper, 8.4ms  
image 628/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000049.jpg: 384x640 1  
animal\_fish, 8.0ms  
image 629/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000050.jpg: 384x640 1  
animal\_fish, 7.6ms  
image 630/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000051.jpg: 384x640 1  
animal\_fish, 7.9ms

image 631/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000055.jpg: 384x640 1  
trash\_paper, 8.4ms  
image 632/1204  
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trash\_paper, 13.3ms  
image 633/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000057.jpg: 384x640 1  
trash\_paper, 8.0ms  
image 634/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000058.jpg: 384x640 1  
trash\_paper, 7.9ms  
image 635/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000059.jpg: 384x640 1  
animal\_fish, 1 trash\_paper, 7.9ms  
image 636/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000060.jpg: 384x640 1  
trash\_paper, 7.7ms  
image 637/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000077.jpg: 384x640 3  
rovs, 1 trash\_plastic, 8.8ms  
image 638/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000079.jpg: 384x640 3  
rovs, 1 trash\_plastic, 7.9ms  
image 639/1204  
/content/trash\_inst\_material/val/images/vid\_000086\_frame0000082.jpg: 384x640 3  
rovs, 1 trash\_plastic, 8.3ms  
image 640/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000001.jpg: 384x640 4  
rovs, 1 trash\_metal, 8.2ms  
image 641/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000010.jpg: 384x640 5  
rovs, 1 trash\_metal, 8.1ms  
image 642/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000014.jpg: 384x640 4  
rovs, 1 trash\_metal, 7.7ms  
image 643/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000015.jpg: 384x640 5  
rovs, 1 trash\_metal, 1 trash\_plastic, 7.7ms  
image 644/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000016.jpg: 384x640 5  
rovs, 1 trash\_plastic, 9.4ms  
image 645/1204  
/content/trash\_inst\_material/val/images/vid\_000089\_frame0000024.jpg: 384x640 4  
rovs, 1 trash\_metal, 11.8ms  
image 646/1204  
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plant, 2 trash\_plastics, 7.7ms

image 647/1204  
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trash\_plastics, 7.8ms  
image 648/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000066.jpg: 384x640 1  
trash\_plastic, 8.1ms  
image 649/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000068.jpg: 384x640 2  
trash\_frabrics, 1 trash\_plastic, 8.1ms  
image 650/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000073.jpg: 384x640 1  
animal\_fish, 1 trash\_plastic, 9.8ms  
image 651/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000074.jpg: 384x640 2  
trash\_frabrics, 2 trash\_plastics, 8.2ms  
image 652/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000075.jpg: 384x640 4  
trash\_plastics, 7.9ms  
image 653/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000077.jpg: 384x640 1  
animal\_crab, 5 trash\_plastics, 7.8ms  
image 654/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000079.jpg: 384x640 1  
trash\_frabric, 3 trash\_plastics, 7.4ms  
image 655/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000084.jpg: 384x640 1  
trash\_frabric, 3 trash\_plastics, 8.0ms  
image 656/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000085.jpg: 384x640 1  
animal\_crab, 2 trash\_plastics, 7.6ms  
image 657/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000086.jpg: 384x640 1  
animal\_crab, 1 trash\_frabric, 2 trash\_plastics, 7.6ms  
image 658/1204  
/content/trash\_inst\_material/val/images/vid\_000090\_frame0000087.jpg: 384x640 1  
trash\_frabric, 2 trash\_plastics, 7.8ms  
image 659/1204  
/content/trash\_inst\_material/val/images/vid\_000091\_frame0000007.jpg: 384x640 1  
rov, 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.7ms  
image 660/1204  
/content/trash\_inst\_material/val/images/vid\_000091\_frame0000009.jpg: 384x640 1  
rov, 1 trash\_plastic, 7.6ms  
image 661/1204  
/content/trash\_inst\_material/val/images/vid\_000092\_frame0000002.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.7ms  
image 662/1204  
/content/trash\_inst\_material/val/images/vid\_000092\_frame0000024.jpg: 384x640 3  
rovs, 1 trash\_etc, 1 trash\_metal, 8.0ms

image 663/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000004.jpg: 384x640 3  
 rovs, 12.3ms  
 image 664/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000007.jpg: 384x640 4  
 rovs, 7.9ms  
 image 665/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000010.jpg: 384x640 4  
 rovs, 7.7ms  
 image 666/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000024.jpg: 384x640 3  
 rovs, 11.5ms  
 image 667/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000027.jpg: 384x640 2  
 rovs, 8.0ms  
 image 668/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000036.jpg: 384x640 2  
 rovs, 1 trash\_wood, 9.7ms  
 image 669/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000039.jpg: 384x640 1  
 rov, 1 trash\_wood, 9.6ms  
 image 670/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000041.jpg: 384x640 1  
 rov, 1 trash\_wood, 7.8ms  
 image 671/1204  
 /content/trash\_inst\_material/val/images/vid\_000094\_frame0000065.jpg: 384x640 3  
 rovs, 1 trash\_wood, 7.9ms  
 image 672/1204  
 /content/trash\_inst\_material/val/images/vid\_000095\_frame0000001.jpg: 384x640 2  
 rovs, 7.7ms  
 image 673/1204  
 /content/trash\_inst\_material/val/images/vid\_000095\_frame0000008.jpg: 384x640 1  
 rov, 1 plant, 1 trash\_wood, 7.8ms  
 image 674/1204  
 /content/trash\_inst\_material/val/images/vid\_000095\_frame0000012.jpg: 384x640 1  
 rov, 1 plant, 1 trash\_wood, 8.0ms  
 image 675/1204  
 /content/trash\_inst\_material/val/images/vid\_000099\_frame0000019.jpg: 384x640 1  
 rov, 8.2ms  
 image 676/1204  
 /content/trash\_inst\_material/val/images/vid\_000099\_frame0000021.jpg: 384x640 1  
 rov, 7.8ms  
 image 677/1204  
 /content/trash\_inst\_material/val/images/vid\_000099\_frame0000022.jpg: 384x640 (no  
 detections), 8.9ms  
 image 678/1204  
 /content/trash\_inst\_material/val/images/vid\_000099\_frame0000025.jpg: 384x640 1  
 rov, 7.6ms



image 679/1204  
/content/trash\_inst\_material/val/images/vid\_000100\_frame0000007.jpg: 384x640 1  
trash\_metal, 8.6ms  
image 680/1204  
/content/trash\_inst\_material/val/images/vid\_000100\_frame0000008.jpg: 384x640 1  
trash\_metal, 7.7ms  
image 681/1204  
/content/trash\_inst\_material/val/images/vid\_000100\_frame0000012.jpg: 384x640 1  
trash\_plastic, 7.9ms  
image 682/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000005.jpg: 384x640 2  
rovs, 1 trash\_metal, 7.7ms  
image 683/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000006.jpg: 384x640 2  
rovs, 8.2ms  
image 684/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000007.jpg: 384x640 2  
rovs, 9.0ms  
image 685/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000008.jpg: 384x640 2  
rovs, 10.3ms  
image 686/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000009.jpg: 384x640 2  
rovs, 7.8ms  
image 687/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000010.jpg: 384x640 1  
rov, 1 trash\_metal, 1 trash\_plastic, 7.8ms  
image 688/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000011.jpg: 384x640 2  
rovs, 1 trash\_metal, 9.8ms  
image 689/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000012.jpg: 384x640 1  
rov, 1 trash\_metal, 1 trash\_plastic, 7.6ms  
image 690/1204  
/content/trash\_inst\_material/val/images/vid\_000101\_frame0000013.jpg: 384x640 1  
rov, 1 trash\_metal, 8.3ms  
image 691/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000001.jpg: 384x640 7  
animal\_crabs, 1 trash\_metal, 7.7ms  
image 692/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000002.jpg: 384x640 7  
animal\_crabs, 1 trash\_metal, 7.7ms  
image 693/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000003.jpg: 384x640 10  
animal\_crabs, 1 trash\_metal, 7.7ms  
image 694/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000004.jpg: 384x640 9  
animal\_crabs, 1 trash\_metal, 7.7ms

image 695/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000006.jpg: 384x640 11  
animal\_crabs, 8.6ms  
image 696/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000007.jpg: 384x640 12  
animal\_crabs, 1 trash\_metal, 7.7ms  
image 697/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000008.jpg: 384x640 9  
animal\_crabs, 1 trash\_metal, 8.4ms  
image 698/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000009.jpg: 384x640 18  
animal\_crabs, 11.0ms  
image 699/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000030.jpg: 384x640 12  
animal\_crabs, 7.9ms  
image 700/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000033.jpg: 384x640 14  
animal\_crabs, 1 trash\_metal, 7.8ms  
image 701/1204  
/content/trash\_inst\_material/val/images/vid\_000102\_frame0000035.jpg: 384x640 2  
animal\_crabs, 1 trash\_etc, 9.2ms  
image 702/1204  
/content/trash\_inst\_material/val/images/vid\_000103\_frame0000007.jpg: 384x640 1  
rov, 1 animal\_eel, 1 trash\_etc, 8.1ms  
image 703/1204  
/content/trash\_inst\_material/val/images/vid\_000103\_frame0000008.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 1 trash\_etc, 7.9ms  
image 704/1204  
/content/trash\_inst\_material/val/images/vid\_000103\_frame0000009.jpg: 384x640 1  
rov, 1 animal\_eel, 8.7ms  
image 705/1204  
/content/trash\_inst\_material/val/images/vid\_000103\_frame0000010.jpg: 384x640 1  
rov, 1 animal\_eel, 1 trash\_etc, 8.0ms  
image 706/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000001.jpg: 384x640 2  
rovs, 8.0ms  
image 707/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000012.jpg: 384x640 1  
rov, 2 animal\_eels, 7.8ms  
image 708/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000013.jpg: 384x640 2  
rovs, 1 animal\_eel, 8.4ms  
image 709/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000014.jpg: 384x640 2  
rovs, 1 animal\_eel, 8.3ms  
image 710/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000022.jpg: 384x640 2  
rovs, 1 animal\_fish, 1 animal\_eel, 12.7ms

image 711/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000023.jpg: 384x640 2  
rovs, 1 animal\_fish, 1 animal\_eel, 8.9ms  
image 712/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000024.jpg: 384x640 3  
rovs, 1 animal\_fish, 1 animal\_eel, 8.0ms  
image 713/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000025.jpg: 384x640 4  
rovs, 1 animal\_fish, 1 animal\_eel, 8.0ms  
image 714/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000026.jpg: 384x640 3  
rovs, 10.1ms  
image 715/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000027.jpg: 384x640 1  
rov, 2 animal\_fishes, 1 animal\_eel, 8.2ms  
image 716/1204  
/content/trash\_inst\_material/val/images/vid\_000104\_frame0000028.jpg: 384x640 1  
rov, 1 animal\_fish, 1 animal\_eel, 7.8ms  
image 717/1204  
/content/trash\_inst\_material/val/images/vid\_000105\_frame0000012.jpg: 480x640 1  
trash\_metal, 80.2ms  
image 718/1204  
/content/trash\_inst\_material/val/images/vid\_000105\_frame0000013.jpg: 480x640 1  
trash\_metal, 12.3ms  
image 719/1204  
/content/trash\_inst\_material/val/images/vid\_000105\_frame0000039.jpg: 480x640 1  
trash\_metal, 12.6ms  
image 720/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000001.jpg: 480x640 1  
plant, 11.7ms  
image 721/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000003.jpg: 480x640 2  
plants, 1 animal\_starfish, 8.7ms  
image 722/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000004.jpg: 480x640 2  
plants, 1 animal\_starfish, 8.3ms  
image 723/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000005.jpg: 480x640 2  
plants, 1 animal\_starfish, 8.4ms  
image 724/1204  
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plant, 8.4ms  
image 725/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000007.jpg: 480x640 3  
plants, 1 animal\_fish, 8.3ms  
image 726/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000008.jpg: 480x640 3  
plants, 8.6ms

image 727/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000009.jpg: 480x640 2  
plants, 8.6ms  
image 728/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000010.jpg: 480x640 2  
plants, 8.2ms  
image 729/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000011.jpg: 480x640 3  
plants, 8.6ms  
image 730/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000012.jpg: 480x640 3  
plants, 1 animal\_fish, 8.2ms  
image 731/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000023.jpg: 480x640 2  
plants, 1 trash\_etc, 1 trash\_fabric, 10.0ms  
image 732/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000024.jpg: 480x640 1  
plant, 1 trash\_fabric, 8.1ms  
image 733/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000025.jpg: 480x640 2  
plants, 8.1ms  
image 734/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000026.jpg: 480x640 2  
plants, 8.2ms  
image 735/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000027.jpg: 480x640 3  
plants, 10.3ms  
image 736/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000028.jpg: 480x640 1  
plant, 7.9ms  
image 737/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000029.jpg: 480x640 1  
plant, 7.8ms  
image 738/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000038.jpg: 480x640 1  
plant, 7.8ms  
image 739/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000039.jpg: 480x640 1  
plant, 8.0ms  
image 740/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000040.jpg: 480x640 1  
plant, 14.4ms  
image 741/1204  
/content/trash\_inst\_material/val/images/vid\_000106\_frame0000041.jpg: 480x640 1  
plant, 14.6ms  
image 742/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000001.jpg: 480x640 1  
trash\_metal, 17.5ms

image 743/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000003.jpg: 480x640 (no detections), 15.6ms  
image 744/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000005.jpg: 480x640 (no detections), 11.5ms  
image 745/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000007.jpg: 480x640 (no detections), 13.5ms  
image 746/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000010.jpg: 480x640 (no detections), 10.7ms  
image 747/1204  
/content/trash\_inst\_material/val/images/vid\_000107\_frame0000012.jpg: 480x640 1 trash\_plastic, 20.8ms  
image 748/1204  
/content/trash\_inst\_material/val/images/vid\_000108\_frame0000029.jpg: 480x640 1 rovs, 1 trash\_metal, 14.6ms  
image 749/1204  
/content/trash\_inst\_material/val/images/vid\_000108\_frame0000030.jpg: 480x640 2 rovs, 1 animal\_etc, 1 trash\_metal, 11.0ms  
image 750/1204  
/content/trash\_inst\_material/val/images/vid\_000108\_frame0000031.jpg: 480x640 3 rovs, 1 trash\_metal, 10.7ms  
image 751/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000007.jpg: 480x640 2 rovs, 1 trash\_metal, 10.3ms  
image 752/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000008.jpg: 480x640 2 rovs, 1 trash\_metal, 11.0ms  
image 753/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000009.jpg: 480x640 2 rovs, 1 trash\_metal, 1 trash\_plastic, 10.6ms  
image 754/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000010.jpg: 480x640 2 rovs, 1 trash\_metal, 1 trash\_plastic, 10.6ms  
image 755/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000011.jpg: 480x640 3 rovs, 1 trash\_metal, 10.5ms  
image 756/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000012.jpg: 480x640 1 rovs, 1 trash\_metal, 1 trash\_plastic, 10.7ms  
image 757/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000013.jpg: 480x640 1 rovs, 1 animal\_fish, 11.7ms  
image 758/1204  
/content/trash\_inst\_material/val/images/vid\_000109\_frame0000014.jpg: 480x640 1 animal\_fish, 10.6ms

image 759/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000015.jpg: 480x640 1  
 animal\_fish, 10.6ms  
 image 760/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000016.jpg: 480x640 1  
 animal\_fish, 12.7ms  
 image 761/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000017.jpg: 480x640 1  
 trash\_plastic, 10.6ms  
 image 762/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000018.jpg: 480x640 1  
 trash\_etc, 10.2ms  
 image 763/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000019.jpg: 480x640 1  
 trash\_etc, 10.0ms  
 image 764/1204  
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 trash\_etc, 10.0ms  
 image 765/1204  
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 trash\_etc, 10.2ms  
 image 766/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000022.jpg: 480x640 1  
 trash\_etc, 10.5ms  
 image 767/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000023.jpg: 480x640 1  
 rov, 10.5ms  
 image 768/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000024.jpg: 480x640 1  
 rov, 1 trash\_etc, 1 trash\_plastic, 13.5ms  
 image 769/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000025.jpg: 480x640 2  
 rovs, 1 trash\_metal, 10.0ms  
 image 770/1204  
 /content/trash\_inst\_material/val/images/vid\_000109\_frame0000038.jpg: 480x640 2  
 rovs, 1 trash\_etc, 12.4ms  
 image 771/1204  
 /content/trash\_inst\_material/val/images/vid\_000110\_frame0000016.jpg: 384x640 1  
 rov, 1 trash\_etc, 12.4ms  
 image 772/1204  
 /content/trash\_inst\_material/val/images/vid\_000110\_frame0000017.jpg: 384x640 1  
 rov, 1 trash\_etc, 1 trash\_paper, 15.3ms  
 image 773/1204  
 /content/trash\_inst\_material/val/images/vid\_000110\_frame0000018.jpg: 384x640 1  
 rov, 1 trash\_etc, 11.9ms  
 image 774/1204  
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 detections), 15.0ms

image 775/1204  
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 trash\_etc, 14.6ms  
 image 776/1204  
 /content/trash\_inst\_material/val/images/vid\_000111\_frame0000009.jpg: 384x640 1  
 trash\_etc, 12.3ms  
 image 777/1204  
 /content/trash\_inst\_material/val/images/vid\_000111\_frame0000010.jpg: 384x640 1  
 trash\_etc, 11.4ms  
 image 778/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000002.jpg: 480x640 (no  
 detections), 19.7ms  
 image 779/1204  
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 detections), 13.7ms  
 image 780/1204  
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 detections), 15.3ms  
 image 781/1204  
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 trash\_etc, 10.7ms  
 image 782/1204  
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 trash\_etc, 15.1ms  
 image 783/1204  
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 detections), 10.6ms  
 image 784/1204  
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 detections), 10.2ms  
 image 785/1204  
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 detections), 11.9ms  
 image 786/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000015.jpg: 480x640 (no  
 detections), 14.8ms  
 image 787/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000016.jpg: 480x640 1  
 rov, 10.9ms  
 image 788/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000017.jpg: 480x640 1  
 rov, 12.9ms  
 image 789/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000018.jpg: 480x640 1  
 rov, 12.4ms  
 image 790/1204  
 /content/trash\_inst\_material/val/images/vid\_000112\_frame0000019.jpg: 480x640 1  
 rov, 10.8ms

image 791/1204  
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detections), 10.4ms  
image 792/1204  
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detections), 10.6ms  
image 793/1204  
/content/trash\_inst\_material/val/images/vid\_000112\_frame0000036.jpg: 480x640 1  
rov, 1 trash\_metal, 1 trash\_plastic, 10.3ms  
image 794/1204  
/content/trash\_inst\_material/val/images/vid\_000112\_frame0000047.jpg: 480x640 1  
trash\_plastic, 10.4ms  
image 795/1204  
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trash\_plastic, 10.3ms  
image 796/1204  
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trash\_plastic, 10.6ms  
image 797/1204  
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trash\_plastic, 11.1ms  
image 798/1204  
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trash\_metal, 12.7ms  
image 799/1204  
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detections), 11.5ms  
image 800/1204  
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animal\_fish, 11.8ms  
image 801/1204  
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animal\_fish, 10.8ms  
image 802/1204  
/content/trash\_inst\_material/val/images/vid\_000113\_frame0000003.jpg: 480x640 1  
animal\_fish, 9.9ms  
image 803/1204  
/content/trash\_inst\_material/val/images/vid\_000113\_frame0000004.jpg: 480x640 1  
animal\_fish, 10.0ms  
image 804/1204  
/content/trash\_inst\_material/val/images/vid\_000113\_frame0000005.jpg: 480x640 (no  
detections), 10.2ms  
image 805/1204  
/content/trash\_inst\_material/val/images/vid\_000113\_frame0000006.jpg: 480x640 (no  
detections), 9.6ms  
image 806/1204  
/content/trash\_inst\_material/val/images/vid\_000113\_frame0000007.jpg: 480x640 (no  
detections), 9.8ms



image 807/1204  
 /content/trash\_inst\_material/val/images/vid\_000114\_frame0000038.jpg: 384x640 2  
 rovs, 11.1ms  
 image 808/1204  
 /content/trash\_inst\_material/val/images/vid\_000114\_frame0000042.jpg: 384x640 4  
 rovs, 10.9ms  
 image 809/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000003.jpg: 384x640 1  
 trash\_etc, 10.5ms  
 image 810/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000006.jpg: 384x640 1  
 trash\_etc, 10.8ms  
 image 811/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000010.jpg: 384x640 1  
 trash\_etc, 10.5ms  
 image 812/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000013.jpg: 384x640 1  
 trash\_etc, 12.4ms  
 image 813/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000015.jpg: 384x640 1  
 trash\_etc, 10.6ms  
 image 814/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000020.jpg: 384x640 1  
 trash\_etc, 10.5ms  
 image 815/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000021.jpg: 384x640 1  
 trash\_etc, 9.8ms  
 image 816/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000022.jpg: 384x640 1  
 trash\_etc, 10.6ms  
 image 817/1204  
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 trash\_etc, 18.8ms  
 image 818/1204  
 /content/trash\_inst\_material/val/images/vid\_000116\_frame0000041.jpg: 384x640 1  
 rov, 1 trash\_etc, 22.8ms  
 image 819/1204  
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 trash\_metal, 12.7ms  
 image 820/1204  
 /content/trash\_inst\_material/val/images/vid\_000117\_frame0000013.jpg: 384x640 1  
 trash\_metal, 14.7ms  
 image 821/1204  
 /content/trash\_inst\_material/val/images/vid\_000117\_frame0000014.jpg: 384x640 1  
 trash\_metal, 1 trash\_plastic, 15.3ms  
 image 822/1204  
 /content/trash\_inst\_material/val/images/vid\_000119\_frame0000006.jpg: 384x640 2  
 trash\_metals, 10.5ms

image 823/1204  
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 trash\_metal, 16.1ms  
 image 824/1204  
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 trash\_metal, 11.4ms  
 image 825/1204  
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 trash\_metal, 10.1ms  
 image 826/1204  
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 trash\_metal, 12.7ms  
 image 827/1204  
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 trash\_metal, 1 trash\_plastic, 17.8ms  
 image 828/1204  
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 trash\_plastic, 15.6ms  
 image 829/1204  
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 image 832/1204  
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 rovs, 11.9ms  
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 image 834/1204  
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 /content/trash\_inst\_material/val/images/vid\_000122\_frame0000007.jpg: 384x640 5  
 rovs, 14.9ms  
 image 836/1204  
 /content/trash\_inst\_material/val/images/vid\_000122\_frame0000010.jpg: 384x640 3  
 rovs, 1 trash\_plastic, 14.0ms  
 image 837/1204  
 /content/trash\_inst\_material/val/images/vid\_000122\_frame0000014.jpg: 384x640 3  
 rovs, 1 trash\_plastic, 14.7ms  
 image 838/1204  
 /content/trash\_inst\_material/val/images/vid\_000122\_frame0000021.jpg: 384x640 3  
 rovs, 1 animal\_fish, 14.5ms

image 839/1204  
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rovs, 1 animal\_eel, 14.4ms  
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image 842/1204  
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rovs, 1 trash\_plastic, 15.1ms  
image 843/1204  
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rovs, 1 trash\_plastic, 8.1ms

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rovs, 1 trash\_etc, 8.5ms

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 rovs, 8.8ms  
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image 887/1204  
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 image 895/1204  
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 image 897/1204  
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image 903/1204  
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image 908/1204  
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 detections), 9.3ms  
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 image 928/1204  
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 image 929/1204  
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 trash\_metal, 7.7ms  
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 trash\_metal, 7.7ms



image 935/1204  
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 image 947/1204  
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 rovs, 1 trash\_etc, 9.2ms  
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 rovs, 1 trash\_etc, 7.7ms  
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 trash\_plastics, 7.7ms  
 image 965/1204  
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 image 966/1204  
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image 967/1204  
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image 968/1204  
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rovs, 1 trash\_plastic, 7.8ms  
image 969/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000019.jpg: 384x640 2  
rovs, 1 trash\_plastic, 8.0ms  
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rovs, 1 trash\_plastic, 7.6ms  
image 971/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000021.jpg: 384x640 2  
rovs, 1 trash\_plastic, 7.8ms  
image 972/1204  
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/content/trash\_inst\_material/val/images/vid\_000143\_frame0000023.jpg: 384x640 2  
rovs, 8.9ms  
image 974/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000024.jpg: 384x640 2  
rovs, 8.1ms  
image 975/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000025.jpg: 384x640 2  
rovs, 7.8ms  
image 976/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000026.jpg: 384x640 2  
rovs, 1 trash\_plastic, 9.1ms  
image 977/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000027.jpg: 384x640 2  
rovs, 2 trash\_plastics, 8.2ms  
image 978/1204  
/content/trash\_inst\_material/val/images/vid\_000143\_frame0000028.jpg: 384x640 2  
rovs, 2 trash\_plastics, 7.9ms  
image 979/1204  
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rovs, 8.0ms  
image 980/1204  
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rovs, 2 trash\_plastics, 8.7ms  
image 981/1204  
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rovs, 2 trash\_plastics, 8.0ms  
image 982/1204  
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rovs, 1 trash\_plastic, 8.5ms

image 983/1204  
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rovs, 3 trash\_plastics, 8.1ms  
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rovs, 2 trash\_plastics, 8.8ms  
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rovs, 1 trash\_plastic, 8.0ms  
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rovs, 1 trash\_plastic, 9.1ms  
image 987/1204  
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rovs, 1 trash\_plastic, 7.9ms  
image 988/1204  
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rovs, 1 trash\_plastic, 8.1ms  
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trash\_plastic, 9.8ms  
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trash\_plastic, 8.5ms  
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trash\_plastic, 8.5ms

image 999/1204  
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image 1002/1204  
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rovs, 1 trash\_metal, 8.0ms  
image 1003/1204  
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rovs, 1 trash\_metal, 7.9ms  
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rovs, 1 trash\_metal, 8.3ms  
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rovs, 1 trash\_metal, 7.9ms  
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rovs, 8.0ms  
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rovs, 8.3ms  
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rovs, 1 trash\_plastic, 10.1ms

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rov, 1 animal\_fish, 1 trash\_plastic, 8.8ms  
image 1017/1204  
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rov, 1 trash\_metal, 8.0ms  
image 1018/1204  
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rov, 1 trash\_metal, 8.6ms  
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rov, 1 trash\_metal, 9.4ms  
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rov, 1 animal\_eel, 1 trash\_metal, 9.0ms  
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rov, 3 animal\_eels, 1 trash\_metal, 8.9ms  
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rov, 1 animal\_eel, 1 trash\_metal, 8.7ms  
image 1025/1204  
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rov, 1 animal\_eel, 8.3ms  
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rov, 1 animal\_eel, 15.0ms  
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rov, 8.5ms  
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trash\_etc, 1 trash\_plastic, 10.2ms  
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trash\_plastic, 12.5ms  
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trash\_plastic, 8.1ms

image 1031/1204  
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 trash\_plastics, 7.9ms  
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 trash\_etc, 1 trash\_plastic, 8.0ms  
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 trash\_etc, 1 trash\_plastic, 10.4ms  
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 trash\_etc, 2 trash\_plastics, 8.0ms  
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 trash\_etc, 8.7ms  
 image 1037/1204  
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 animal\_etc, 3 trash\_etcs, 8.1ms  
 image 1038/1204  
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 animal\_etcs, 3 trash\_etcs, 7.7ms  
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 animal\_etc, 3 trash\_etcs, 7.7ms  
 image 1040/1204  
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 trash\_etcs, 7.7ms  
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 rov, 1 animal\_etc, 3 trash\_etcs, 7.6ms  
 image 1043/1204  
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 rov, 1 trash\_etc, 7.7ms  
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 rov, 1 trash\_etc, 11.5ms  
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 trash\_etc, 7.8ms

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 trash\_etc, 8.5ms  
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 rov, 1 trash\_etc, 8.1ms  
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 trash\_etc, 7.9ms  
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 rov, 1 animal\_fish, 8.1ms  
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 rov, 1 animal\_fish, 1 animal\_eel, 1 trash\_etc, 7.8ms  
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 rov, 2 trash\_etc, 7.8ms  
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 rov, 2 animal\_fishs, 2 trash\_etc, 7.8ms  
 image 1055/1204  
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 rov, 1 animal\_fish, 1 animal\_eel, 1 trash\_etc, 1 trash\_plastic, 8.1ms  
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 image 1057/1204  
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 rov, 1 trash\_etc, 1 trash\_plastic, 7.6ms  
 image 1058/1204  
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 rov, 7.6ms  
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 rov, 1 animal\_fish, 1 animal\_eel, 11.9ms  
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 rov, 1 trash\_etc, 8.1ms  
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 animal\_fishs, 1 trash\_etc, 7.8ms  
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 animal\_fishs, 7.8ms



image 1063/1204  
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 rovs, 8.6ms  
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rov, 1 trash\_paper, 7.9ms  
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detections), 7.7ms

image 1095/1204  
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detections), 8.5ms  
image 1096/1204  
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rov, 1 trash\_etc, 1 trash\_plastic, 8.6ms  
image 1097/1204  
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rov, 1 trash\_paper, 8.5ms  
image 1098/1204  
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rov, 1 trash\_paper, 8.5ms  
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rov, 1 trash\_etc, 8.6ms  
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trash\_rubber, 10.0ms  
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trash\_plastic, 8.9ms  
image 1104/1204  
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trash\_plastic, 9.0ms  
image 1105/1204  
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trash\_plastics, 14.1ms  
image 1106/1204  
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rov, 1 trash\_plastic, 9.2ms  
image 1107/1204  
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rov, 1 plant, 1 trash\_plastic, 8.9ms  
image 1108/1204  
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rov, 1 plant, 1 trash\_plastic, 9.1ms  
image 1109/1204  
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trash\_metals, 9.1ms  
image 1110/1204  
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trash\_metals, 8.5ms

image 1111/1204  
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 trash\_metals, 8.4ms  
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 trash\_metals, 8.6ms  
 image 1113/1204  
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 trash\_metals, 8.7ms  
 image 1114/1204  
 /content/trash\_inst\_material/val/images/vid\_000210\_frame0000012.jpg: 480x640 5  
 trash\_metals, 8.8ms  
 image 1115/1204  
 /content/trash\_inst\_material/val/images/vid\_000210\_frame0000013.jpg: 480x640 4  
 trash\_metals, 8.4ms  
 image 1116/1204  
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 rov, 1 animal\_crab, 1 trash\_metal, 8.4ms  
 image 1117/1204  
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 rov, 1 animal\_crab, 1 trash\_metal, 8.2ms  
 image 1118/1204  
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 rov, 1 trash\_metal, 8.7ms  
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 animal\_crab, 1 trash\_metal, 8.5ms  
 image 1120/1204  
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 animal\_crabs, 2 trash\_metals, 8.3ms  
 image 1121/1204  
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 trash\_metals, 8.5ms  
 image 1122/1204  
 /content/trash\_inst\_material/val/images/vid\_000210\_frame0000070.jpg: 480x640 1  
 animal\_crab, 5 trash\_metals, 8.2ms  
 image 1123/1204  
 /content/trash\_inst\_material/val/images/vid\_000210\_frame0000083.jpg: 480x640 1  
 trash\_metal, 8.8ms  
 image 1124/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000007.jpg: 480x640 1  
 trash\_etc, 8.3ms  
 image 1125/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000008.jpg: 480x640 1  
 trash\_etc, 1 trash\_plastic, 7.9ms  
 image 1126/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000009.jpg: 480x640 1  
 trash\_etc, 12.7ms

image 1127/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000010.jpg: 480x640 1  
 trash\_etc, 9.3ms  
 image 1128/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000011.jpg: 480x640 (no  
 detections), 8.4ms  
 image 1129/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000013.jpg: 480x640 (no  
 detections), 8.6ms  
 image 1130/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000014.jpg: 480x640 1  
 trash\_etc, 7.9ms  
 image 1131/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000015.jpg: 480x640 1  
 trash\_etc, 8.1ms  
 image 1132/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000016.jpg: 480x640 1  
 trash\_etc, 1 trash\_plastic, 8.2ms  
 image 1133/1204  
 /content/trash\_inst\_material/val/images/vid\_000212\_frame0000017.jpg: 480x640 (no  
 detections), 13.8ms  
 image 1134/1204  
 /content/trash\_inst\_material/val/images/vid\_000213\_frame0000012.jpg: 480x640 1  
 trash\_etc, 8.5ms  
 image 1135/1204  
 /content/trash\_inst\_material/val/images/vid\_000234\_frame0000001.jpg: 480x640 1  
 trash\_etc, 8.2ms  
 image 1136/1204  
 /content/trash\_inst\_material/val/images/vid\_000234\_frame0000002.jpg: 480x640 2  
 trash\_etc, 8.8ms  
 image 1137/1204  
 /content/trash\_inst\_material/val/images/vid\_000234\_frame0000009.jpg: 480x640 1  
 trash\_etc, 8.3ms  
 image 1138/1204  
 /content/trash\_inst\_material/val/images/vid\_000234\_frame0000011.jpg: 480x640 1  
 trash\_etc, 8.7ms  
 image 1139/1204  
 /content/trash\_inst\_material/val/images/vid\_000235\_frame0000021.jpg: 480x640 1  
 trash\_wood, 8.1ms  
 image 1140/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000001.jpg: 480x640 1  
 plant, 8.2ms  
 image 1141/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000003.jpg: 480x640 1  
 plant, 1 trash\_wood, 8.3ms  
 image 1142/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000007.jpg: 480x640 1  
 plant, 8.0ms

image 1143/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000009.jpg: 480x640 1  
 trash\_wood, 9.5ms  
 image 1144/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000010.jpg: 480x640 1  
 plant, 1 trash\_wood, 8.2ms  
 image 1145/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000012.jpg: 480x640 1  
 trash\_wood, 8.5ms  
 image 1146/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000016.jpg: 480x640 1  
 trash\_wood, 8.7ms  
 image 1147/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000020.jpg: 480x640 1  
 trash\_wood, 8.3ms  
 image 1148/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000023.jpg: 480x640 1  
 trash\_wood, 11.3ms  
 image 1149/1204  
 /content/trash\_inst\_material/val/images/vid\_000236\_frame0000031.jpg: 480x640 1  
 trash\_wood, 8.1ms  
 image 1150/1204  
 /content/trash\_inst\_material/val/images/vid\_000239\_frame0000063.jpg: 480x640 1  
 trash\_wood, 7.9ms  
 image 1151/1204  
 /content/trash\_inst\_material/val/images/vid\_000239\_frame0000065.jpg: 480x640 (no  
 detections), 7.9ms  
 image 1152/1204  
 /content/trash\_inst\_material/val/images/vid\_000239\_frame0000067.jpg: 480x640 (no  
 detections), 8.0ms  
 image 1153/1204  
 /content/trash\_inst\_material/val/images/vid\_000239\_frame0000073.jpg: 480x640 (no  
 detections), 8.0ms  
 image 1154/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000016.jpg: 480x640 1  
 trash\_plastic, 8.5ms  
 image 1155/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000018.jpg: 480x640 1  
 trash\_plastic, 1 trash\_rubber, 8.3ms  
 image 1156/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000021.jpg: 480x640 (no  
 detections), 8.3ms  
 image 1157/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000028.jpg: 480x640 (no  
 detections), 8.6ms  
 image 1158/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000030.jpg: 480x640 1  
 trash\_wood, 8.3ms

image 1159/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000032.jpg: 480x640 1  
 trash\_etc, 8.5ms  
 image 1160/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000068.jpg: 480x640 1  
 plant, 1 trash\_fishing\_gear, 1 trash\_plastic, 8.4ms  
 image 1161/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000126.jpg: 480x640 1  
 plant, 1 trash\_plastic, 8.2ms  
 image 1162/1204  
 /content/trash\_inst\_material/val/images/vid\_000240\_frame0000127.jpg: 480x640 1  
 plant, 8.5ms  
 image 1163/1204  
 /content/trash\_inst\_material/val/images/vid\_000246\_frame0000001.jpg: 480x640 1  
 rov, 1 trash\_wood, 8.0ms  
 image 1164/1204  
 /content/trash\_inst\_material/val/images/vid\_000246\_frame0000005.jpg: 480x640 1  
 rov, 1 trash\_wood, 10.9ms  
 image 1165/1204  
 /content/trash\_inst\_material/val/images/vid\_000246\_frame0000008.jpg: 480x640 1  
 rov, 1 trash\_wood, 7.9ms  
 image 1166/1204  
 /content/trash\_inst\_material/val/images/vid\_000249\_frame0000001.jpg: 480x640 (no  
 detections), 8.1ms  
 image 1167/1204  
 /content/trash\_inst\_material/val/images/vid\_000251\_frame0000001.jpg: 480x640 1  
 plant, 1 animal\_crab, 1 trash\_etc, 8.2ms  
 image 1168/1204  
 /content/trash\_inst\_material/val/images/vid\_000251\_frame0000002.jpg: 480x640 1  
 plant, 1 animal\_crab, 8.0ms  
 image 1169/1204  
 /content/trash\_inst\_material/val/images/vid\_000251\_frame0000003.jpg: 480x640 2  
 trash\_etc, 1 trash\_wood, 7.8ms  
 image 1170/1204  
 /content/trash\_inst\_material/val/images/vid\_000263\_frame0000011.jpg: 480x640 1  
 animal\_fish, 7.9ms  
 image 1171/1204  
 /content/trash\_inst\_material/val/images/vid\_000263\_frame0000012.jpg: 480x640 (no  
 detections), 8.4ms  
 image 1172/1204  
 /content/trash\_inst\_material/val/images/vid\_000265\_frame0000006.jpg: 480x640 1  
 trash\_etc, 1 trash\_fabric, 8.2ms  
 image 1173/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000009.jpg: 480x640 2  
 trash\_papers, 8.5ms  
 image 1174/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000010.jpg: 480x640 1  
 trash\_etc, 1 trash\_paper, 8.7ms

image 1175/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000011.jpg: 480x640 1  
 trash\_paper, 8.6ms  
 image 1176/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000012.jpg: 480x640 1  
 trash\_paper, 8.1ms  
 image 1177/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000013.jpg: 480x640 1  
 trash\_paper, 7.9ms  
 image 1178/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000014.jpg: 480x640 1  
 trash\_etc, 1 trash\_paper, 10.0ms  
 image 1179/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000015.jpg: 480x640 1  
 trash\_paper, 14.4ms  
 image 1180/1204  
 /content/trash\_inst\_material/val/images/vid\_000271\_frame0000016.jpg: 480x640 2  
 trash\_papers, 8.6ms  
 image 1181/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000019.jpg: 480x640 1  
 trash\_rubber, 8.4ms  
 image 1182/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000020.jpg: 480x640 1  
 rov, 1 trash\_rubber, 1 trash\_wood, 8.3ms  
 image 1183/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000021.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.3ms  
 image 1184/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000065.jpg: 480x640 1  
 rov, 1 trash\_rubber, 9.3ms  
 image 1185/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000066.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.4ms  
 image 1186/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000067.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.4ms  
 image 1187/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000068.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.2ms  
 image 1188/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000069.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.8ms  
 image 1189/1204  
 /content/trash\_inst\_material/val/images/vid\_000291\_frame0000070.jpg: 480x640 1  
 rov, 1 trash\_rubber, 8.3ms  
 image 1190/1204  
 /content/trash\_inst\_material/val/images/vid\_000298\_frame0000020.jpg: 480x640 (no  
 detections), 8.4ms

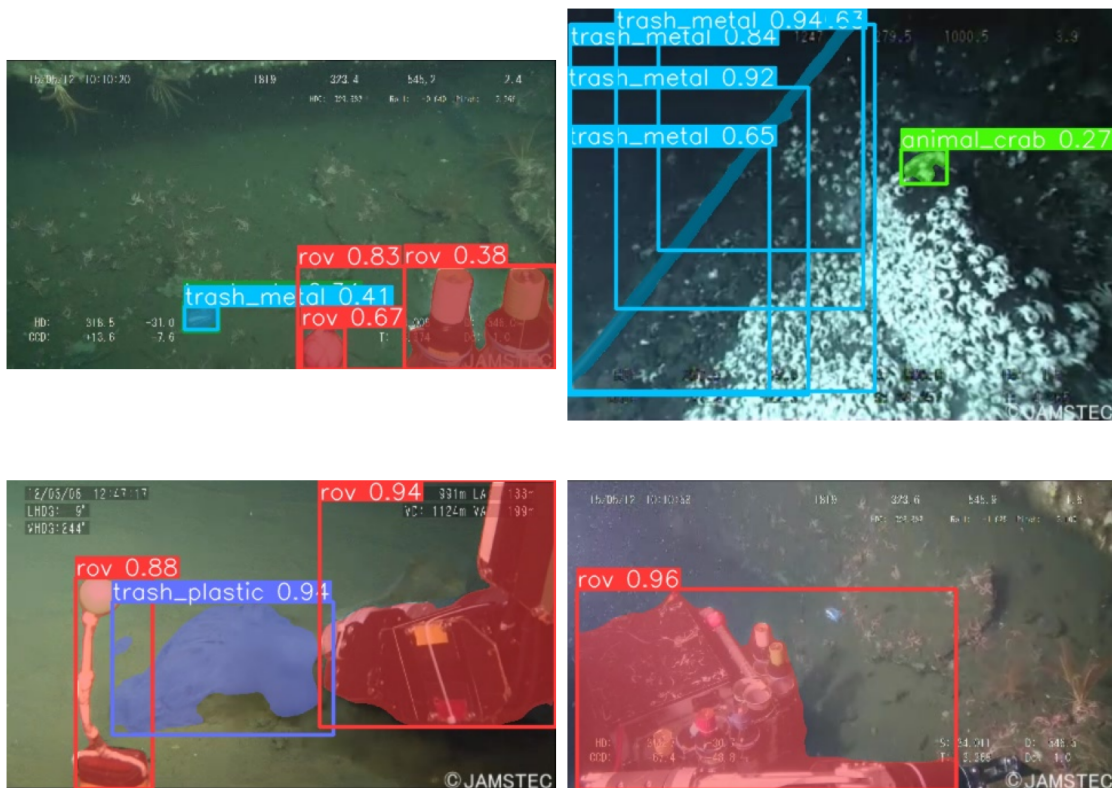


```

image 1191/1204
/content/trash_inst_material/val/images/vid_000324_frame0000025.jpg: 384x640 2
rovs, 8.9ms
image 1192/1204
/content/trash_inst_material/val/images/vid_000329_frame0000001.jpg: 384x640 1
rov, 8.3ms
image 1193/1204
/content/trash_inst_material/val/images/vid_000329_frame0000016.jpg: 384x640 1
rov, 1 animal_eel, 1 trash_metal, 8.3ms
image 1194/1204
/content/trash_inst_material/val/images/vid_000337_frame0000160.jpg: 384x640 1
animal_fish, 1 animal_eel, 8.4ms
image 1195/1204
/content/trash_inst_material/val/images/vid_000340_frame0000023.jpg: 384x640 1
animal_fish, 8.4ms
image 1196/1204
/content/trash_inst_material/val/images/vid_000340_frame0000024.jpg: 384x640 1
trash_etc, 8.3ms
image 1197/1204
/content/trash_inst_material/val/images/vid_000340_frame0000026.jpg: 384x640 1
animal_fish, 1 animal_eel, 8.1ms
image 1198/1204
/content/trash_inst_material/val/images/vid_000340_frame0000029.jpg: 384x640 1
animal_fish, 1 animal_crab, 1 animal_eel, 8.4ms
image 1199/1204
/content/trash_inst_material/val/images/vid_000342_frame0000213.jpg: 384x640 1
animal_fish, 8.1ms
image 1200/1204
/content/trash_inst_material/val/images/vid_000342_frame0000225.jpg: 384x640 1
trash_etc, 8.0ms
image 1201/1204
/content/trash_inst_material/val/images/vid_000342_frame0000227.jpg: 384x640 1
trash_etc, 8.0ms
image 1202/1204
/content/trash_inst_material/val/images/vid_000342_frame0000228.jpg: 384x640 1
trash_etc, 8.0ms
image 1203/1204
/content/trash_inst_material/val/images/vid_000342_frame0000265.jpg: 384x640 2
animal_fishs, 8.1ms
image 1204/1204
/content/trash_inst_material/val/images/vid_000342_frame0000266.jpg: 384x640 2
animal_fishs, 1 animal_eel, 1 trash_etc, 8.4ms
Speed: 1.6ms preprocess, 9.2ms inference, 3.4ms postprocess per image at shape
(1, 3, 384, 640)
Results saved to runs/segment/yolov8n_predict
Learn more at https://docs.ultralytics.com/modes/predict

```

```
[ ]: visualize('runs/segment/yolov8n_predict')
```



```
[ ]: !yolo predict \
model='runs/segment/yolov8n-seg/weights/best.pt' \
source='trash_segment_inference_data/manythings.mp4' \
name='yolov8n_predict_videos1' \
exist_ok=True \
save=True
```

Ultralytics YOLOv8.1.45 Python-3.10.12 torch-2.2.1+cu121 CUDA:0 (Tesla T4, 15102MiB)  
YOLOv8n-seg summary (fused): 195 layers, 3261184 parameters, 0 gradients, 12.0 GFLOPs

```
video 1/1 (frame 1/1168) /content/trash_segment_inference_data/manythings.mp4:
480x640 1 trash_plastic, 116.6ms
video 1/1 (frame 2/1168) /content/trash_segment_inference_data/manythings.mp4:
480x640 1 trash_etc, 1 trash_plastic, 8.6ms
video 1/1 (frame 3/1168) /content/trash_segment_inference_data/manythings.mp4:
480x640 (no detections), 8.3ms
video 1/1 (frame 4/1168) /content/trash_segment_inference_data/manythings.mp4:
480x640 1 trash_etc, 8.1ms
```

video 1/1 (frame 5/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.4ms  
 video 1/1 (frame 6/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.2ms  
 video 1/1 (frame 7/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 8/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 9/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 10/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 11/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 12/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.1ms  
 video 1/1 (frame 13/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 14/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.2ms  
 video 1/1 (frame 15/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 16/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 17/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 8.7ms  
 video 1/1 (frame 18/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.3ms  
 video 1/1 (frame 19/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 20/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 21/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 22/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 4 trash\_plastics, 8.8ms  
 video 1/1 (frame 23/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 4 trash\_plastics, 8.1ms  
 video 1/1 (frame 24/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 25/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 11.4ms  
 video 1/1 (frame 26/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 9.6ms  
 video 1/1 (frame 27/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 28/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 3 trash\_plastics, 7.3ms

video 1/1 (frame 29/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.2ms  
 video 1/1 (frame 30/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.2ms  
 video 1/1 (frame 31/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 32/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 33/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 11.3ms  
 video 1/1 (frame 34/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 35/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 36/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 37/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 38/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 1 trash\_paper, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 39/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 40/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 41/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 42/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 43/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_papers, 2 trash\_plastics, 8.2ms  
 video 1/1 (frame 44/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_paper, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 45/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_paper, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 46/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 1 trash\_paper, 2  
 trash\_plastics, 8.1ms  
 video 1/1 (frame 47/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_paper, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 48/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_metal, 1 trash\_paper, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 49/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_paper, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 50/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 2 trash\_papers, 1  
 trash\_plastic, 8.3ms  
 video 1/1 (frame 51/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 2 trash\_papers, 1

trash\_plastic, 8.0ms  
 video 1/1 (frame 52/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_paper, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 53/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_paper, 8.4ms  
 video 1/1 (frame 54/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_papers, 8.5ms  
 video 1/1 (frame 55/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_papers, 14.4ms  
 video 1/1 (frame 56/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_papers, 8.2ms  
 video 1/1 (frame 57/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 2 trash\_metals, 1 trash\_paper, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 58/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_paper, 7.9ms  
 video 1/1 (frame 59/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 60/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.0ms  
 video 1/1 (frame 61/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 62/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 63/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 64/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.9ms  
 video 1/1 (frame 65/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 66/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 67/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 12.2ms  
 video 1/1 (frame 68/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 69/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 70/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 71/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 72/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 73/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 74/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.4ms  
 video 1/1 (frame 75/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 76/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 77/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 78/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 79/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 8.1ms  
 video 1/1 (frame 80/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 8.6ms  
 video 1/1 (frame 81/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.5ms  
 video 1/1 (frame 82/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 83/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.5ms  
 video 1/1 (frame 84/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 85/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 86/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 87/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 88/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 89/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 90/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.6ms  
 video 1/1 (frame 91/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 92/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 93/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.8ms  
 video 1/1 (frame 94/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.4ms  
 video 1/1 (frame 95/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.1ms  
 video 1/1 (frame 96/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 97/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 9.0ms  
 video 1/1 (frame 98/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 99/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 4 trash\_plastics, 7.7ms  
 video 1/1 (frame 100/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 101/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 102/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 103/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 9.3ms  
 video 1/1 (frame 104/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.6ms  
 video 1/1 (frame 105/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 106/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 107/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 108/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 109/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 110/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.7ms  
 video 1/1 (frame 111/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 112/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 113/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 114/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 115/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 14.3ms  
 video 1/1 (frame 116/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 117/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 118/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 119/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 9.3ms  
 video 1/1 (frame 120/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 121/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 122/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.2ms  
 video 1/1 (frame 123/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 124/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 125/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 126/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 127/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 128/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 129/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.1ms  
 video 1/1 (frame 130/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 131/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 132/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 133/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 9.0ms  
 video 1/1 (frame 134/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 135/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 136/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.7ms  
 video 1/1 (frame 137/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 138/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 9.5ms  
 video 1/1 (frame 139/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 140/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 141/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 142/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 143/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 144/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 145/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 146/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 5 trash\_plastics, 8.7ms  
 video 1/1 (frame 147/1168) /content/trash\_segment\_inference\_data/manythings.mp4:



480x640 5 trash\_plastics, 11.0ms  
 video 1/1 (frame 148/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.0ms  
 video 1/1 (frame 149/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 150/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.6ms  
 video 1/1 (frame 151/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.2ms  
 video 1/1 (frame 152/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.3ms  
 video 1/1 (frame 153/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.5ms  
 video 1/1 (frame 154/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 155/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 156/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.8ms  
 video 1/1 (frame 157/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.7ms  
 video 1/1 (frame 158/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.3ms  
 video 1/1 (frame 159/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 160/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 161/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.3ms  
 video 1/1 (frame 162/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.4ms  
 video 1/1 (frame 163/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 6 trash\_plastics, 7.7ms  
 video 1/1 (frame 164/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 12.0ms  
 video 1/1 (frame 165/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.7ms  
 video 1/1 (frame 166/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.8ms  
 video 1/1 (frame 167/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 168/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 169/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 170/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 171/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 3 trash\_plastics, 14.3ms  
 video 1/1 (frame 172/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 173/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 174/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 175/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 176/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 177/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_metal, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 178/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 179/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 180/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 5 trash\_plastics, 7.3ms  
 video 1/1 (frame 181/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_metal, 4 trash\_plastics, 7.3ms  
 video 1/1 (frame 182/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 183/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 4 trash\_plastics, 7.7ms  
 video 1/1 (frame 184/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 4 trash\_plastics, 7.6ms  
 video 1/1 (frame 185/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 186/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 187/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 188/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 189/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 7.2ms  
 video 1/1 (frame 190/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 191/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 192/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 193/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 194/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 9.6ms  
 video 1/1 (frame 195/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 196/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 197/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.3ms  
 video 1/1 (frame 198/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 199/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 200/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 4 trash\_plastics, 9.7ms  
 video 1/1 (frame 201/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 202/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 203/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 204/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 3 trash\_plastics, 7.3ms  
 video 1/1 (frame 205/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 206/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 207/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 208/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 209/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 210/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 211/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 212/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 8.4ms  
 video 1/1 (frame 213/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 4 trash\_plastics, 7.3ms  
 video 1/1 (frame 214/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 8.6ms  
 video 1/1 (frame 215/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 216/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 8.1ms  
 video 1/1 (frame 217/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 218/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 219/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 220/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 221/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 222/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 223/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 224/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 225/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 226/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 13.2ms  
 video 1/1 (frame 227/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 228/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 3 trash\_plastics, 10.2ms  
 video 1/1 (frame 229/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 230/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 9.0ms  
 video 1/1 (frame 231/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 232/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 233/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 234/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 235/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 236/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 237/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 238/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 239/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 7.6ms  
 video 1/1 (frame 240/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 7.5ms  
 video 1/1 (frame 241/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 7.3ms  
 video 1/1 (frame 242/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 243/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 2 trash\_metals, 7.7ms  
 video 1/1 (frame 244/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 245/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 246/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_metals, 1 trash\_plastic, 8.8ms  
 video 1/1 (frame 247/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_metals, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 248/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 2 trash\_metals, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 249/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 250/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 251/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_frabric, 1 trash\_metal, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 252/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 253/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 254/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 3 trash\_plastics, 10.2ms  
 video 1/1 (frame 255/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 256/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 257/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 258/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 259/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 260/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 261/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 9.6ms  
 video 1/1 (frame 262/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 263/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_metal, 2 trash\_plastics, 8.4ms  
 video 1/1 (frame 264/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 265/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 animal\_fishs, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 266/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 9.0ms  
 video 1/1 (frame 267/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 3 animal\_fishs, 7.4ms  
 video 1/1 (frame 268/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 animal\_fishs, 7.8ms  
 video 1/1 (frame 269/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 270/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 271/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_metal, 2 trash\_plastics, 8.2ms  
 video 1/1 (frame 272/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 3 trash\_plastics, 9.5ms  
 video 1/1 (frame 273/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_metal, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 274/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_metal, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 275/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 2 trash\_plastics, 10.1ms  
 video 1/1 (frame 276/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 277/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 2 trash\_plastics, 13.4ms  
 video 1/1 (frame 278/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 279/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 9.1ms  
 video 1/1 (frame 280/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 281/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 1 trash\_plastic, 15.0ms  
 video 1/1 (frame 282/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_metals, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 283/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 284/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 285/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 286/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 287/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 288/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 289/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 290/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 291/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_metal, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 292/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 293/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 294/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 295/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 296/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 297/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 298/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 299/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_metal, 9.1ms  
 video 1/1 (frame 300/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_metal, 8.5ms  
 video 1/1 (frame 301/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 8.5ms  
 video 1/1 (frame 302/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 7.7ms  
 video 1/1 (frame 303/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.4ms  
 video 1/1 (frame 304/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 7.6ms  
 video 1/1 (frame 305/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 306/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 7.3ms  
 video 1/1 (frame 307/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.9ms  
 video 1/1 (frame 308/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 309/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 9.7ms  
 video 1/1 (frame 310/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_plastic, 9.7ms  
 video 1/1 (frame 311/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 8.4ms  
 video 1/1 (frame 312/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 7.6ms  
 video 1/1 (frame 313/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.4ms  
 video 1/1 (frame 314/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.3ms  
 video 1/1 (frame 315/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 (no detections), 8.0ms  
 video 1/1 (frame 316/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.2ms  
 video 1/1 (frame 317/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 318/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.2ms  
 video 1/1 (frame 319/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.8ms  
 video 1/1 (frame 320/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.8ms  
 video 1/1 (frame 321/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.0ms  
 video 1/1 (frame 322/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 323/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.3ms  
 video 1/1 (frame 324/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.3ms  
 video 1/1 (frame 325/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.3ms  
 video 1/1 (frame 326/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 327/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.4ms  
 video 1/1 (frame 328/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 329/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 330/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.6ms  
 video 1/1 (frame 331/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 332/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 11.3ms  
 video 1/1 (frame 333/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 334/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 335/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 336/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 337/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.4ms  
 video 1/1 (frame 338/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 339/1168) /content/trash\_segment\_inference\_data/manythings.mp4:



480x640 (no detections), 8.1ms  
 video 1/1 (frame 340/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 341/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 342/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 343/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 344/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 13.4ms  
 video 1/1 (frame 345/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 346/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 347/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 348/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 349/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 350/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 351/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 352/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 353/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 354/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 355/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.5ms  
 video 1/1 (frame 356/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 357/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 358/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 359/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 360/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 361/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.2ms  
 video 1/1 (frame 362/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.0ms  
 video 1/1 (frame 363/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 364/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 365/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.4ms  
 video 1/1 (frame 366/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 367/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 368/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 369/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 370/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.1ms  
 video 1/1 (frame 371/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 372/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.2ms  
 video 1/1 (frame 373/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 374/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 375/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 376/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 377/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 378/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 379/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.0ms  
 video 1/1 (frame 380/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 381/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 382/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 383/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 384/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 385/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 386/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 14.8ms  
 video 1/1 (frame 387/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 11.9ms  
 video 1/1 (frame 388/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 14.4ms  
 video 1/1 (frame 389/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 12.8ms  
 video 1/1 (frame 390/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 14.3ms  
 video 1/1 (frame 391/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.7ms  
 video 1/1 (frame 392/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 16.0ms  
 video 1/1 (frame 393/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.8ms  
 video 1/1 (frame 394/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.5ms  
 video 1/1 (frame 395/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 14.0ms  
 video 1/1 (frame 396/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 12.8ms  
 video 1/1 (frame 397/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 15.4ms  
 video 1/1 (frame 398/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 11.6ms  
 video 1/1 (frame 399/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 13.6ms  
 video 1/1 (frame 400/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.2ms  
 video 1/1 (frame 401/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.4ms  
 video 1/1 (frame 402/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.3ms  
 video 1/1 (frame 403/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.4ms  
 video 1/1 (frame 404/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.3ms  
 video 1/1 (frame 405/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.7ms  
 video 1/1 (frame 406/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.4ms  
 video 1/1 (frame 407/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.3ms  
 video 1/1 (frame 408/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.4ms  
 video 1/1 (frame 409/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 13.7ms  
 video 1/1 (frame 410/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.3ms  
 video 1/1 (frame 411/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 13.9ms  
 video 1/1 (frame 412/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.9ms  
 video 1/1 (frame 413/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.2ms  
 video 1/1 (frame 414/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.7ms  
 video 1/1 (frame 415/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 10.1ms  
 video 1/1 (frame 416/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 12.4ms  
 video 1/1 (frame 417/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.3ms  
 video 1/1 (frame 418/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 10.2ms  
 video 1/1 (frame 419/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.9ms  
 video 1/1 (frame 420/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.9ms  
 video 1/1 (frame 421/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.9ms  
 video 1/1 (frame 422/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.4ms  
 video 1/1 (frame 423/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.0ms  
 video 1/1 (frame 424/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 11.2ms  
 video 1/1 (frame 425/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.9ms  
 video 1/1 (frame 426/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.2ms  
 video 1/1 (frame 427/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.1ms  
 video 1/1 (frame 428/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 13.3ms  
 video 1/1 (frame 429/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 12.0ms  
 video 1/1 (frame 430/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 14.5ms  
 video 1/1 (frame 431/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 14.5ms  
 video 1/1 (frame 432/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 13.3ms  
 video 1/1 (frame 433/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 11.9ms  
 video 1/1 (frame 434/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 12.0ms  
 video 1/1 (frame 435/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 3 trash\_plastics, 11.7ms  
 video 1/1 (frame 436/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 14.1ms  
 video 1/1 (frame 437/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 12.2ms  
 video 1/1 (frame 438/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 10.8ms  
 video 1/1 (frame 439/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 23.4ms  
 video 1/1 (frame 440/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 441/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.9ms  
 video 1/1 (frame 442/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_frabric, 1 trash\_metal, 1 trash\_plastic, 10.8ms  
 video 1/1 (frame 443/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 10.7ms  
 video 1/1 (frame 444/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 12.3ms  
 video 1/1 (frame 445/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.0ms  
 video 1/1 (frame 446/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.3ms  
 video 1/1 (frame 447/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.4ms  
 video 1/1 (frame 448/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_plastic, 10.6ms  
 video 1/1 (frame 449/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 450/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 12.6ms  
 video 1/1 (frame 451/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 13.3ms  
 video 1/1 (frame 452/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 16.1ms  
 video 1/1 (frame 453/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 10.5ms  
 video 1/1 (frame 454/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 11.0ms  
 video 1/1 (frame 455/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 13.9ms  
 video 1/1 (frame 456/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.3ms  
 video 1/1 (frame 457/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.4ms  
 video 1/1 (frame 458/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.9ms  
 video 1/1 (frame 459/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_plastic, 9.9ms  
 video 1/1 (frame 460/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.6ms  
 video 1/1 (frame 461/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 10.0ms  
 video 1/1 (frame 462/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.3ms  
 video 1/1 (frame 463/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 464/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 10.5ms  
 video 1/1 (frame 465/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_paper, 1 trash\_plastic, 10.2ms  
 video 1/1 (frame 466/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_paper, 1 trash\_plastic, 9.9ms  
 video 1/1 (frame 467/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_paper, 1 trash\_plastic, 10.1ms  
 video 1/1 (frame 468/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 2 trash\_plastics, 9.7ms  
 video 1/1 (frame 469/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_paper, 4 trash\_plastics, 10.0ms  
 video 1/1 (frame 470/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 2 trash\_plastics, 10.1ms  
 video 1/1 (frame 471/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 2 trash\_plastics, 9.9ms  
 video 1/1 (frame 472/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_plastic, 10.3ms  
 video 1/1 (frame 473/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 2 trash\_plastics, 10.7ms  
 video 1/1 (frame 474/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_plastic, 15.2ms  
 video 1/1 (frame 475/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 14.0ms  
 video 1/1 (frame 476/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 13.4ms  
 video 1/1 (frame 477/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 2 trash\_plastics, 16.9ms  
 video 1/1 (frame 478/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 2 trash\_plastics, 15.4ms  
 video 1/1 (frame 479/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_plastic, 13.8ms  
 video 1/1 (frame 480/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 11.7ms  
 video 1/1 (frame 481/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 11.4ms  
 video 1/1 (frame 482/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 10.1ms  
 video 1/1 (frame 483/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 2 trash\_plastics, 11.3ms  
 video 1/1 (frame 484/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 15.9ms  
 video 1/1 (frame 485/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 15.7ms  
 video 1/1 (frame 486/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 16.1ms  
 video 1/1 (frame 487/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 15.0ms  
 video 1/1 (frame 488/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 12.1ms  
 video 1/1 (frame 489/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 14.9ms  
 video 1/1 (frame 490/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 11.8ms  
 video 1/1 (frame 491/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 15.4ms  
 video 1/1 (frame 492/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 14.9ms  
 video 1/1 (frame 493/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 21.8ms  
 video 1/1 (frame 494/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 17.4ms  
 video 1/1 (frame 495/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 15.8ms  
 video 1/1 (frame 496/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 17.1ms  
 video 1/1 (frame 497/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_plastic, 16.4ms  
 video 1/1 (frame 498/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 15.6ms  
 video 1/1 (frame 499/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 15.8ms  
 video 1/1 (frame 500/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 15.7ms  
 video 1/1 (frame 501/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 14.4ms  
 video 1/1 (frame 502/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 503/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 504/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.5ms  
 video 1/1 (frame 505/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 9.3ms  
 video 1/1 (frame 506/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 8.2ms  
 video 1/1 (frame 507/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 508/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.8ms  
 video 1/1 (frame 509/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.7ms  
 video 1/1 (frame 510/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 511/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 8.4ms  
 video 1/1 (frame 512/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 513/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 8.4ms  
 video 1/1 (frame 514/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.1ms  
 video 1/1 (frame 515/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 8.1ms  
 video 1/1 (frame 516/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.2ms  
 video 1/1 (frame 517/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.0ms  
 video 1/1 (frame 518/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.0ms  
 video 1/1 (frame 519/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 8.9ms  
 video 1/1 (frame 520/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 7.9ms  
 video 1/1 (frame 521/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 10.9ms  
 video 1/1 (frame 522/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 16.6ms  
 video 1/1 (frame 523/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 524/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 525/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 526/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 527/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 528/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 529/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 530/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 531/1168) /content/trash\_segment\_inference\_data/manythings.mp4:



480x640 1 animal\_fish, 1 trash\_plastic, 17.8ms  
 video 1/1 (frame 532/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 2 trash\_etcs, 1 trash\_plastic, 8.7ms  
 video 1/1 (frame 533/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_etc, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 534/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 535/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 536/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_plastic, 8.6ms  
 video 1/1 (frame 537/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_plastic, 10.8ms  
 video 1/1 (frame 538/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 539/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_paper, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 540/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_paper, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 541/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 1 trash\_plastic, 9.8ms  
 video 1/1 (frame 542/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 animal\_fish, 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 543/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_paper, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 544/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 545/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 546/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 547/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 12.0ms  
 video 1/1 (frame 548/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 549/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 7.9ms  
 video 1/1 (frame 550/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 551/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 animal\_fish, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 552/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 553/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 554/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 555/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 animal\_fish, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 556/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 557/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 558/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 8.3ms  
 video 1/1 (frame 559/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 560/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 561/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 562/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 563/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 564/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 2 trash\_plastics, 12.2ms  
 video 1/1 (frame 565/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 566/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 567/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 568/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.2ms  
 video 1/1 (frame 569/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 570/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 571/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 572/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 573/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 574/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 575/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 576/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 577/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 13.1ms  
 video 1/1 (frame 578/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 579/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 580/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 11.2ms  
 video 1/1 (frame 581/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_metal, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 582/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.8ms  
 video 1/1 (frame 583/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 (no detections), 7.7ms  
 video 1/1 (frame 584/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 585/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.4ms  
 video 1/1 (frame 586/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 587/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 588/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 9.8ms  
 video 1/1 (frame 589/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 590/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 591/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 592/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 593/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.2ms  
 video 1/1 (frame 594/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 595/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 596/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 597/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 9.9ms  
 video 1/1 (frame 598/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 10.1ms  
 video 1/1 (frame 599/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.6ms  
 video 1/1 (frame 600/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 601/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 602/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 603/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 4 trash\_plastics, 8.1ms  
 video 1/1 (frame 604/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 605/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 606/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 607/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 608/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 609/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 610/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.6ms  
 video 1/1 (frame 611/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 612/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 613/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.0ms  
 video 1/1 (frame 614/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.0ms  
 video 1/1 (frame 615/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.7ms  
 video 1/1 (frame 616/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.2ms  
 video 1/1 (frame 617/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 7.6ms  
 video 1/1 (frame 618/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 619/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.8ms  
 video 1/1 (frame 620/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 621/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 622/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 623/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 624/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.3ms  
 video 1/1 (frame 625/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 626/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 7.9ms  
 video 1/1 (frame 627/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 628/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 629/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 630/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 631/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.5ms  
 video 1/1 (frame 632/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 10.4ms  
 video 1/1 (frame 633/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 634/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 635/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 14.2ms  
 video 1/1 (frame 636/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 637/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 638/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 639/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 640/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 641/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 642/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 643/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.2ms  
 video 1/1 (frame 644/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.4ms  
 video 1/1 (frame 645/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 646/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 647/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 648/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.0ms  
 video 1/1 (frame 649/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 650/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 651/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 652/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 653/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 10.0ms  
 video 1/1 (frame 654/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 655/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 656/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 657/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 658/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 659/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 660/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 661/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 662/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.3ms  
 video 1/1 (frame 663/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 664/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 665/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 666/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 8.4ms  
 video 1/1 (frame 667/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 668/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 669/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.7ms  
 video 1/1 (frame 670/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 671/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 672/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 673/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 674/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 675/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 8.7ms  
 video 1/1 (frame 676/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 677/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 678/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 679/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.6ms  
 video 1/1 (frame 680/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.8ms  
 video 1/1 (frame 681/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 682/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 13.3ms  
 video 1/1 (frame 683/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 684/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 685/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.4ms  
 video 1/1 (frame 686/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 687/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 688/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 689/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 690/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 691/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.5ms  
 video 1/1 (frame 692/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 14.2ms  
 video 1/1 (frame 693/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 694/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 695/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 696/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 9.7ms  
 video 1/1 (frame 697/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 698/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 11.8ms  
 video 1/1 (frame 699/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 700/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 701/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 702/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 703/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 704/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 705/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 706/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 707/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 708/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 709/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.2ms  
 video 1/1 (frame 710/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 711/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 712/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 713/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 714/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.1ms  
 video 1/1 (frame 715/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.1ms  
 video 1/1 (frame 716/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 717/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 718/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 719/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 720/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 721/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 722/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 723/1168) /content/trash\_segment\_inference\_data/manythings.mp4:



480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 724/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 725/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 726/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 727/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 728/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 729/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 730/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 731/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 732/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 733/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 12.4ms  
 video 1/1 (frame 734/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 735/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.3ms  
 video 1/1 (frame 736/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 737/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 738/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.6ms  
 video 1/1 (frame 739/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 740/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 7.3ms  
 video 1/1 (frame 741/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.4ms  
 video 1/1 (frame 742/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 743/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 11.8ms  
 video 1/1 (frame 744/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 8.9ms  
 video 1/1 (frame 745/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 1 trash\_etc, 3 trash\_plastics, 8.6ms  
 video 1/1 (frame 746/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.6ms  
 video 1/1 (frame 747/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 4 trash\_plastics, 8.8ms  
 video 1/1 (frame 748/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 10.4ms  
 video 1/1 (frame 749/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 14.9ms  
 video 1/1 (frame 750/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.2ms  
 video 1/1 (frame 751/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 9.7ms  
 video 1/1 (frame 752/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 3 trash\_plastics, 7.8ms  
 video 1/1 (frame 753/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 rov, 4 trash\_plastics, 9.1ms  
 video 1/1 (frame 754/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.2ms  
 video 1/1 (frame 755/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 5 trash\_plastics, 8.5ms  
 video 1/1 (frame 756/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.5ms  
 video 1/1 (frame 757/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 8.0ms  
 video 1/1 (frame 758/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 8.0ms  
 video 1/1 (frame 759/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 760/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 761/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.3ms  
 video 1/1 (frame 762/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 763/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 9.6ms  
 video 1/1 (frame 764/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.7ms  
 video 1/1 (frame 765/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 766/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 767/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 7.4ms  
 video 1/1 (frame 768/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.3ms  
 video 1/1 (frame 769/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.3ms  
 video 1/1 (frame 770/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 771/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 3 trash\_plastics, 7.4ms  
 video 1/1 (frame 772/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.9ms  
 video 1/1 (frame 773/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 774/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.5ms  
 video 1/1 (frame 775/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 4 trash\_plastics, 7.5ms  
 video 1/1 (frame 776/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 777/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 778/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 7.6ms  
 video 1/1 (frame 779/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 780/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 4 trash\_plastics, 8.0ms  
 video 1/1 (frame 781/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 782/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.5ms  
 video 1/1 (frame 783/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.5ms  
 video 1/1 (frame 784/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 9.2ms  
 video 1/1 (frame 785/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.7ms  
 video 1/1 (frame 786/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 9.2ms  
 video 1/1 (frame 787/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 8.9ms  
 video 1/1 (frame 788/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 9.5ms  
 video 1/1 (frame 789/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 9.4ms  
 video 1/1 (frame 790/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.8ms  
 video 1/1 (frame 791/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 792/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 793/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 2 trash\_plastics, 8.3ms  
 video 1/1 (frame 794/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 2 trash\_plastics, 7.7ms  
 video 1/1 (frame 795/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 796/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_metal, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 797/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 10.4ms  
 video 1/1 (frame 798/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 799/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 800/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.9ms  
 video 1/1 (frame 801/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 3 trash\_plastics, 7.7ms  
 video 1/1 (frame 802/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 803/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 804/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 13.3ms  
 video 1/1 (frame 805/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.3ms  
 video 1/1 (frame 806/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 807/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 7.5ms  
 video 1/1 (frame 808/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.4ms  
 video 1/1 (frame 809/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.7ms  
 video 1/1 (frame 810/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 8.1ms  
 video 1/1 (frame 811/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 812/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 813/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 814/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 815/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 816/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 817/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_plastics, 7.8ms  
 video 1/1 (frame 818/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 10.2ms  
 video 1/1 (frame 819/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_plastic, 8.5ms  
 video 1/1 (frame 820/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 821/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 822/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 823/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.5ms  
 video 1/1 (frame 824/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.6ms  
 video 1/1 (frame 825/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 3 trash\_plastics, 8.2ms  
 video 1/1 (frame 826/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 9.0ms  
 video 1/1 (frame 827/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 828/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 829/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 830/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 831/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.9ms  
 video 1/1 (frame 832/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 833/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 834/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.6ms  
 video 1/1 (frame 835/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 836/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.0ms  
 video 1/1 (frame 837/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 838/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
 video 1/1 (frame 839/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 840/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 841/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 842/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 843/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
video 1/1 (frame 844/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
video 1/1 (frame 845/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_plastic, 7.9ms  
video 1/1 (frame 846/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
video 1/1 (frame 847/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
video 1/1 (frame 848/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 9.9ms  
video 1/1 (frame 849/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_plastic, 7.7ms  
video 1/1 (frame 850/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
video 1/1 (frame 851/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
video 1/1 (frame 852/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 8.2ms  
video 1/1 (frame 853/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 8.7ms  
video 1/1 (frame 854/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 856/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 857/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
video 1/1 (frame 858/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_plastic, 7.8ms  
video 1/1 (frame 859/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
video 1/1 (frame 860/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 8.2ms  
video 1/1 (frame 861/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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480x640 1 trash\_etc, 1 trash\_plastic, 8.5ms  
video 1/1 (frame 866/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
video 1/1 (frame 867/1168) /content/trash\_segment\_inference\_data/manythings.mp4:

480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 868/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 869/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 870/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 871/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 872/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 873/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_plastic, 7.5ms  
 video 1/1 (frame 874/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 10.0ms  
 video 1/1 (frame 875/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.7ms  
 video 1/1 (frame 876/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 877/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 878/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 879/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 880/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
 video 1/1 (frame 881/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 10.5ms  
 video 1/1 (frame 882/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.9ms  
 video 1/1 (frame 883/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 884/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.1ms  
 video 1/1 (frame 885/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 886/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.6ms  
 video 1/1 (frame 887/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 888/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 889/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.9ms  
 video 1/1 (frame 890/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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480x640 1 trash\_etc, 1 trash\_plastic, 8.0ms  
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 480x640 1 trash\_etc, 2 trash\_plastics, 8.0ms  
 video 1/1 (frame 893/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 7.4ms  
 video 1/1 (frame 894/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.4ms  
 video 1/1 (frame 895/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 12.9ms  
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 video 1/1 (frame 897/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 1 trash\_plastic, 8.3ms  
 video 1/1 (frame 898/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 899/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 900/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 9.2ms  
 video 1/1 (frame 901/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 902/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 903/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 904/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 905/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 10.9ms  
 video 1/1 (frame 906/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 15.5ms  
 video 1/1 (frame 907/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.7ms  
 video 1/1 (frame 908/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 2 trash\_etcs, 8.0ms  
 video 1/1 (frame 909/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 video 1/1 (frame 911/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 7.7ms  
 video 1/1 (frame 912/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 8.9ms  
 video 1/1 (frame 913/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 2 trash\_plastics, 11.3ms  
 video 1/1 (frame 914/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
 480x640 1 trash\_etc, 1 trash\_plastic, 7.8ms  
 video 1/1 (frame 915/1168) /content/trash\_segment\_inference\_data/manythings.mp4:



480x640 1 trash\_etc, 1 trash\_plastic, 9.7ms  
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video 1/1 (frame 917/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 918/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 919/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 922/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 934/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_etc, 1 trash\_plastic, 7.7ms  
video 1/1 (frame 935/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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video 1/1 (frame 936/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 1 trash\_plastic, 9.1ms  
video 1/1 (frame 937/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
480x640 (no detections), 8.1ms  
video 1/1 (frame 938/1168) /content/trash\_segment\_inference\_data/manythings.mp4:  
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 7.2ms  
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 /content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
 7.4ms  
 video 1/1 (frame 1002/1168)  
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11.1ms  
video 1/1 (frame 1159/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
10.4ms  
video 1/1 (frame 1160/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
10.7ms  
video 1/1 (frame 1161/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
11.3ms  
video 1/1 (frame 1162/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
10.3ms  
video 1/1 (frame 1163/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
10.0ms  
video 1/1 (frame 1164/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
10.0ms  
video 1/1 (frame 1165/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
9.8ms  
video 1/1 (frame 1166/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),  
14.2ms  
video 1/1 (frame 1167/1168)  
/content/trash\_segment\_inference\_data/manythings.mp4: 480x640 (no detections),

13.1ms

Speed: 2.3ms preprocess, 9.0ms inference, 3.4ms postprocess per image at shape (1, 3, 480, 640)

Results saved to `runs/segment/yolov8n_predict_videos1`

Learn more at <https://docs.ultralytics.com/modes/predict>