

```
!nvidia-smi
```

```
→ Tue Apr 22 16:21:37 2025
+-----+
| NVIDIA-SMI 550.54.15     Driver Version: 550.54.15    CUDA Version: 12.4  |
+-----+
| 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  46C 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               |
+-----+
```

```
import os
HOME=os.getcwd()
print(HOME)
```

```
→ /content
```

```
%pip install ultralytics supervision roboflow
import ultralytics
ultralytics.checks()
```

```
→ Ultralytics 8.3.113 ✨ Python-3.11.12 torch-2.6.0+cu124 CUDA:0 (Tesla T4, 15095MiB)
Setup complete ✅ (2 CPUs, 12.7 GB RAM, 41.2/112.6 GB disk)
```

```
!mkdir {HOME}/datasets
%cd {HOME}/datasets
```

```
!pip install roboflow
```

```
from roboflow import Roboflow
rf = Roboflow(api_key="Fqm1AB4DpqCj2T1uvC9O")
project = rf.workspace("disciplinary-monitoring-system-using-yolov11").project("disciplinary-monitoring")
version = project.version(3)
dataset = version.download("yolov11")
```

```
→ /content/datasets
```

```
Requirement already satisfied: roboflow in /usr/local/lib/python3.11/dist-packages (1.1.61)
Requirement already satisfied: certifi in /usr/local/lib/python3.11/dist-packages (from roboflow) (2025.1.31)
Requirement already satisfied: idna==3.7 in /usr/local/lib/python3.11/dist-packages (from roboflow) (3.7)
Requirement already satisfied: cycler in /usr/local/lib/python3.11/dist-packages (from roboflow) (0.12.1)
Requirement already satisfied: kiwisolver>=1.3.1 in /usr/local/lib/python3.11/dist-packages (from roboflow) (1.4.8)
Requirement already satisfied: matplotlib in /usr/local/lib/python3.11/dist-packages (from roboflow) (3.10.0)
Requirement already satisfied: numpy>=1.18.5 in /usr/local/lib/python3.11/dist-packages (from roboflow) (2.0.2)
Requirement already satisfied: opencv-python-headless==4.10.0.84 in /usr/local/lib/python3.11/dist-packages (from roboflow) (4.10.0.84)
Requirement already satisfied: Pillow>=7.1.2 in /usr/local/lib/python3.11/dist-packages (from roboflow) (11.1.0)
Requirement already satisfied: pillow-heif>=0.18.0 in /usr/local/lib/python3.11/dist-packages (from roboflow) (0.22.0)
Requirement already satisfied: python-dateutil in /usr/local/lib/python3.11/dist-packages (from roboflow) (2.8.2)
Requirement already satisfied: python-dotenv in /usr/local/lib/python3.11/dist-packages (from roboflow) (1.1.0)
Requirement already satisfied: requests in /usr/local/lib/python3.11/dist-packages (from roboflow) (2.32.3)
Requirement already satisfied: six in /usr/local/lib/python3.11/dist-packages (from roboflow) (1.17.0)
Requirement already satisfied: urllib3>=1.26.6 in /usr/local/lib/python3.11/dist-packages (from roboflow) (2.3.0)
Requirement already satisfied: tqdm>=4.41.0 in /usr/local/lib/python3.11/dist-packages (from roboflow) (4.67.1)
Requirement already satisfied: PyYAML>=5.3.1 in /usr/local/lib/python3.11/dist-packages (from roboflow) (6.0.2)
Requirement already satisfied: requests-toolbelt in /usr/local/lib/python3.11/dist-packages (from roboflow) (1.0.0)
Requirement already satisfied: filetype in /usr/local/lib/python3.11/dist-packages (from roboflow) (1.2.0)
Requirement already satisfied: contourfy>=1.0.1 in /usr/local/lib/python3.11/dist-packages (from matplotlib>roboflow) (1.3.2)
Requirement already satisfied: fonttools>=4.22.0 in /usr/local/lib/python3.11/dist-packages (from matplotlib>roboflow) (4.57.0)
Requirement already satisfied: packaging>=20.0 in /usr/local/lib/python3.11/dist-packages (from matplotlib>roboflow) (24.2)
Requirement already satisfied: pyParsing>=2.3.1 in /usr/local/lib/python3.11/dist-packages (from matplotlib>roboflow) (3.2.3)
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.11/dist-packages (from requests>roboflow) (3.4.1)
loading Roboflow workspace...
loading Roboflow project...
```

```
Downloading Dataset Version Zip in Disciplinary-Monitoring-3 to yolov11:: 100% [██████████] 114796/114796 [00:02<00:00, 38353.75it/s]
```

```
Extracting Dataset Version Zip to Disciplinary-Monitoring-3 in yolov11:: 100% [██████████] 6060/6060 [00:00<00:00, 7815.15it/s]
```

```
dataset.location
```

```
→ /content/datasets/Disciplinary_Monitoring-3
```

```
!yolo task=detect mode=train data={dataset.location}/data.yaml model="yolo11n.pt" epochs=25 imgs=640 plots=True
```

```
16      -1 1  32096 ultralytics.nn.modules.block.C3k2      [256, 64, 1, False]
17      -1 1  36992 ultralytics.nn.modules.conv.Conv      [64, 64, 3, 2]
18  [-1, 13] 1  0 ultralytics.nn.modules.conv.Concat      [1]
19      -1 1  86720 ultralytics.nn.modules.block.C3k2      [192, 128, 1, False]
20      -1 1  147712 ultralytics.nn.modules.conv.Conv      [128, 128, 3, 2]
21  [-1, 10] 1  0 ultralytics.nn.modules.conv.Concat      [1]
22      -1 1  378880 ultralytics.nn.modules.block.C3k2      [384, 256, 1, True]
23  [16, 19, 22] 1  432232 ultralytics.nn.modules.head.Detect      [8, [64, 128, 256]]
YOLO11n summary: 319 layers, 2,591,400 parameters, 2,591,384 gradients, 6.4 GFLOPs
```

Transferred 448/499 items from pretrained weights

**TensorBoard:** Start with 'tensorboard --logdir runs/detect/train', view at <http://localhost:6006/>

Freezing layer 'model.23.dfl.conv.weight'

**AMP:** running Automatic Mixed Precision (AMP) checks...

**AMP:** checks passed

**train:** Scanning /content/Disciplinary-Monitoring-3/train/labels... 2736 images, 1282 backgrounds, 0 corrupt: 100% 2736/2736 [00:01<00:00, 1985.78it/s]

**train:** New cache created: /content/Disciplinary-Monitoring-3/train/labels.cache

/usr/local/lib/python3.10/dist-packages/ultralytics/\_init\_.py:24: UserWarning: A new version of Albumentations is available: 1.4.24 (you have 1.4.20). Upgrade using: pip check\_for\_updates()

**albumentations:** Blur(p=0.01, blur\_limit=(3, 7)), MedianBlur(p=0.01, blur\_limit=(3, 7)), ToGray(p=0.01, num\_output\_channels=3, method='weighted\_average'), CLAHE(p=0.01)

**val:** Scanning /content/Disciplinary-Monitoring-3/valid/labels... 234 images, 99 backgrounds, 0 corrupt: 100% 234/234 [00:00<00:00, 910.08it/s]

**val:** New cache created: /content/Disciplinary-Monitoring-3/valid/labels.cache

Plotting labels to runs/detect/train/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=0.000833, momentum=0.9) with parameter groups 81 weight(decay=0.0), 88 weight(decay=0.0005), 87 bias(decay=0.0)

**TensorBoard:** model graph visualization added

Image sizes 640 train, 640 val

Using 2 dataloader workers

Logging results to **runs/detect/train**

Starting training for 25 epochs...

```
Epoch  GPU_mem box_loss cls_loss dfl_loss Instances  Size
1/25  2.57G  1.017  4.316  1.252   34   640: 25% 42/171 [00:17<00:52, 2.45it/s]
```

Traceback (most recent call last):

```
File "/usr/local/bin/yolo", line 8, in <module>
    sys.exit(entrypoint())
File "/usr/local/lib/python3.10/dist-packages/ultralytics/cfg/_init_.py", line 973, in entrypoint
    getattr(model, mode)(**overrides) # default args from model
File "/usr/local/lib/python3.10/dist-packages/ultralytics/engine/model.py", line 806, in train
    self.trainer.train()
File "/usr/local/lib/python3.10/dist-packages/ultralytics/engine/trainer.py", line 207, in train
    self._do_train(world_size)
File "/usr/local/lib/python3.10/dist-packages/ultralytics/engine/trainer.py", line 380, in _do_train
    self.loss, self.loss_items = self.model(batch)
File "/usr/local/lib/python3.10/dist-packages/torch/nn/modules/module.py", line 1736, in _wrapped_call_impl
    return self._call_impl(*args, **kwargs)
File "/usr/local/lib/python3.10/dist-packages/torch/nn/modules/module.py", line 1747, in _call_impl
    return forward_call(*args, **kwargs)
File "/usr/local/lib/python3.10/dist-packages/ultralytics/nn/tasks.py", line 111, in forward
    return self.loss(x, *args, **kwargs)
File "/usr/local/lib/python3.10/dist-packages/ultralytics/nn/tasks.py", line 293, in loss
    return self.criterion(preds, batch)
File "/usr/local/lib/python3.10/dist-packages/ultralytics/utils/loss.py", line 221, in __call__
    anchor_points, stride_tensor = make_anchors(feats, self.stride, 0.5)
File "/usr/local/lib/python3.10/dist-packages/ultralytics/utils/tal.py", line 343, in make_anchors
    anchor_points.append(torch.stack((sx, sy), -1).view(-1, 2))
KeyboardInterrupt
```

```
!yolo task=segment mode=train data={dataset.location}/data.yaml model="yolo11n-seg.pt" epochs=70 imgs=640 plots=True
```

all	234	289	0.642	0.698	0.646	0.486	0.62	0.62	0.601	0.439
-----	-----	-----	-------	-------	-------	-------	------	------	-------	-------

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
31/70	3.07G	0.6708	1.09	0.6826	0.9803	32	640: 100% 171/171 [01:06<00:00, 2.59it/s]

Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.698	0.641	0.64	0.496	0.67	0.662	0.625	0.457

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
32/70	3.07G	0.6576	1.045	0.6538	0.9668	29	640: 100% 171/171 [01:06<00:00, 2.57it/s]

Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.744	0.627	0.667	0.503	0.643	0.58	0.603	0.463

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
33/70	3.04G	0.6614	1.077	0.6509	0.9712	32	640: 100% 171/171 [01:06<00:00, 2.58it/s]

Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.619	0.662	0.597	0.463	0.619	0.65	0.602	0.422

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
34/70	3.04G	0.646	1.052	0.6379	0.9682	32	640: 100% 171/171 [01:04<00:00, 2.67it/s]

Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.709	0.617	0.669	0.501	0.689	0.61	0.646	0.455

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
35/70	3.08G	0.6309	1.034	0.6294	0.961	45	640: 100% 171/171 [01:03<00:00, 2.71it/s]

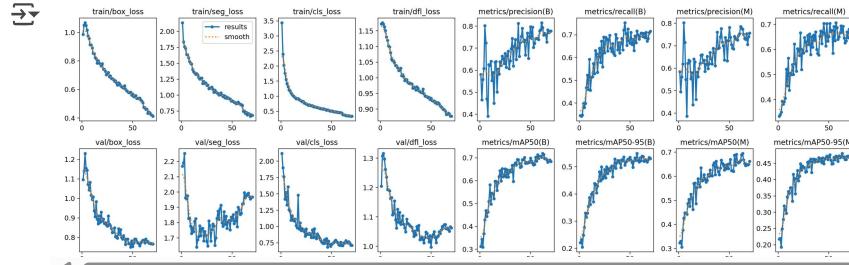
Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.739	0.609	0.678	0.529	0.669	0.657	0.656	0.464

Epoch	GPU_mem	box_loss	seg_loss	cls_loss	dfl_loss	Instances	Size
36/70	3.07G	0.6469	1.026	0.629	0.9711	36	640: 100% 171/171 [01:03<00:00, 2.70it/s]

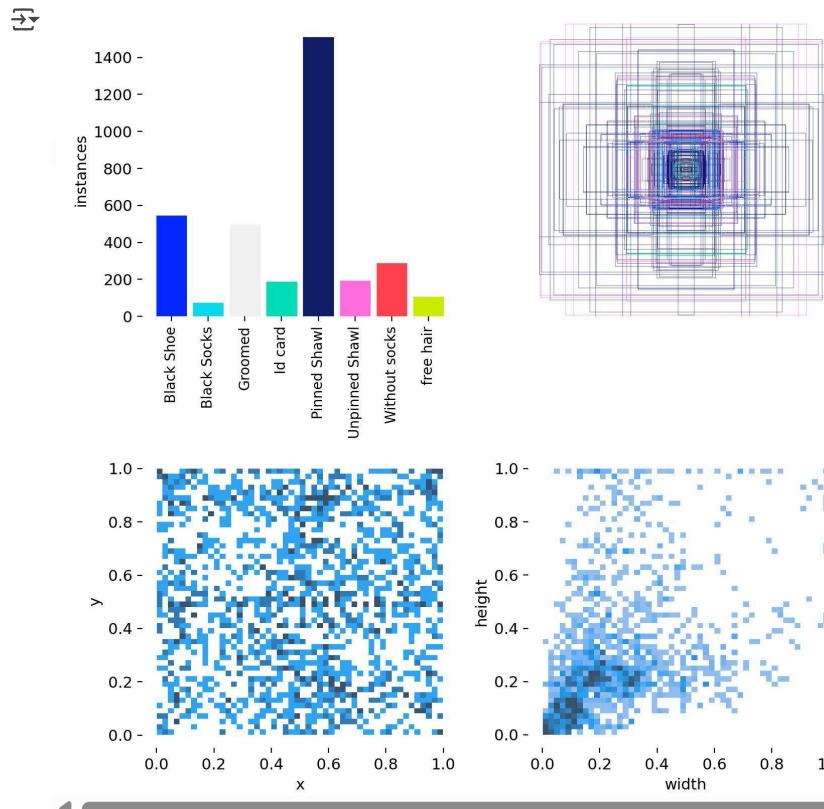
Class	Images	Instances	Box(P)	R	mAP50	mAP50-95	Mask(P)	R	mAP50	mAP50-95
all	234	289	0.649	0.702	0.660	0.405	0.611	0.627	0.606	0.454

from IPython.display import Image

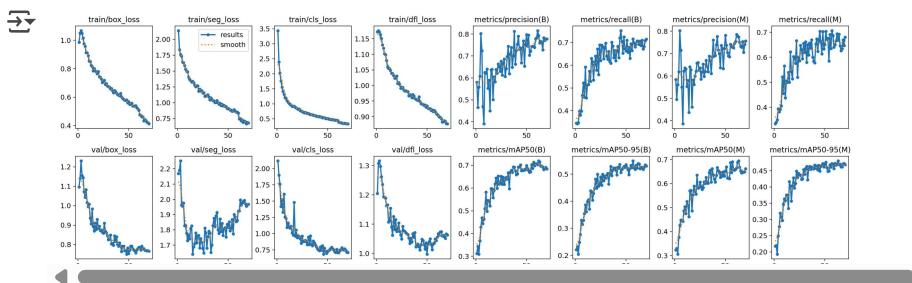
Image("content/datasets/runs/segment/train/results.png", width=600)



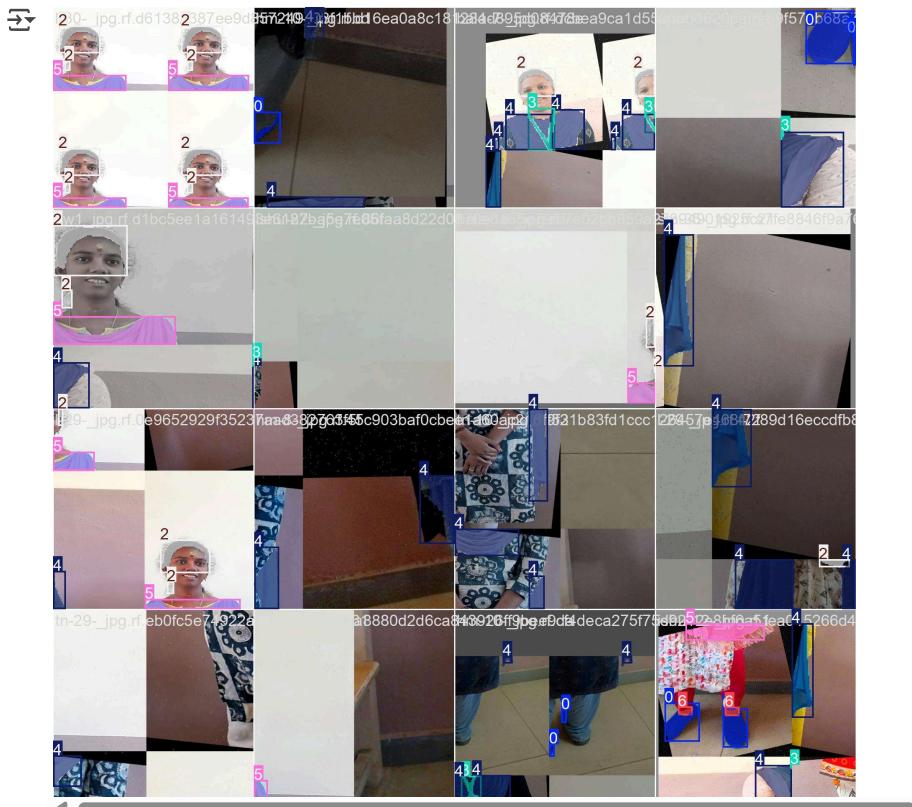
Image("content/datasets/runs/segment/train/labels.jpg", width=600)



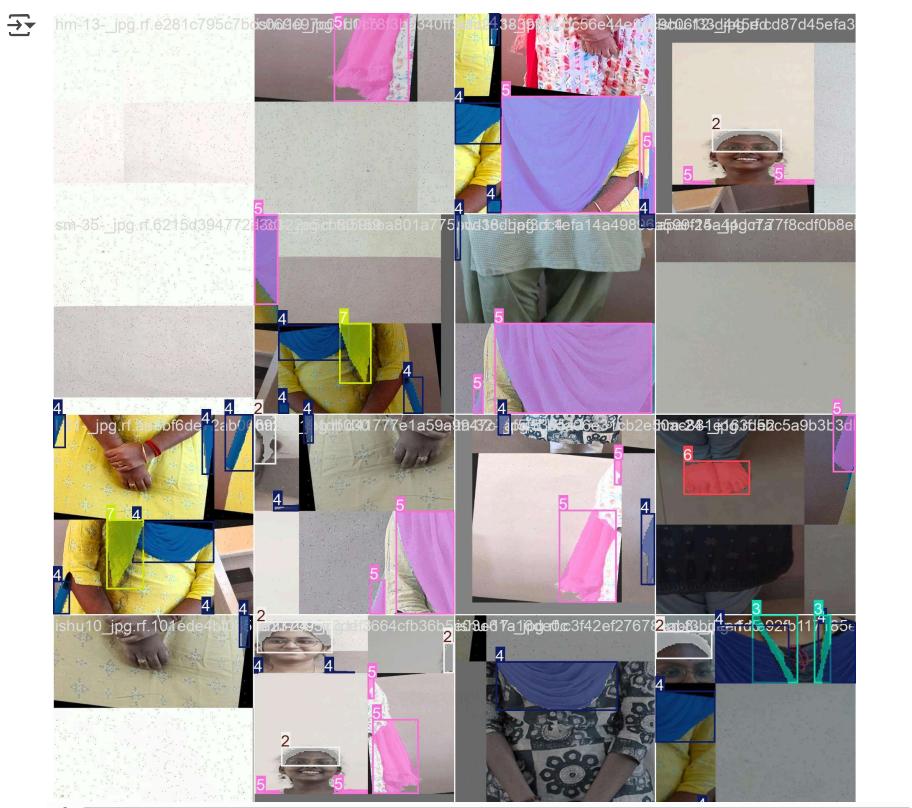
Image("content/datasets/runs/segment/train/results.png", width=600)



Image("/content/datasets/runs/segment/train/train\_batch0.jpg", width=600)

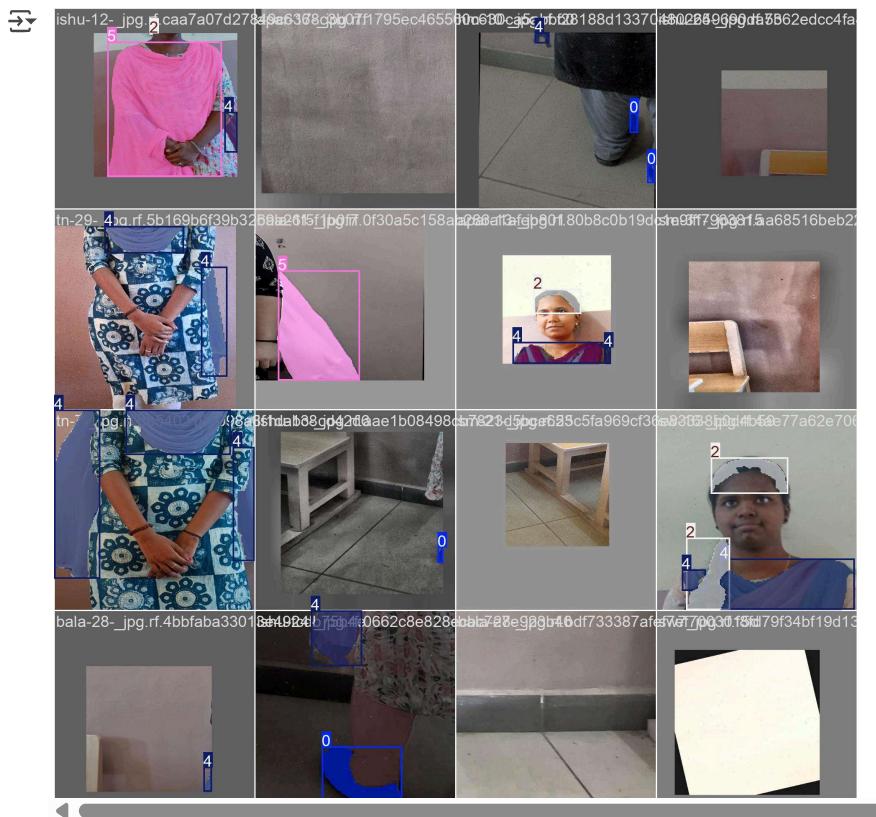


Image("/content/datasets/runs/segment/train/train\_batch1.jpg", width=600)

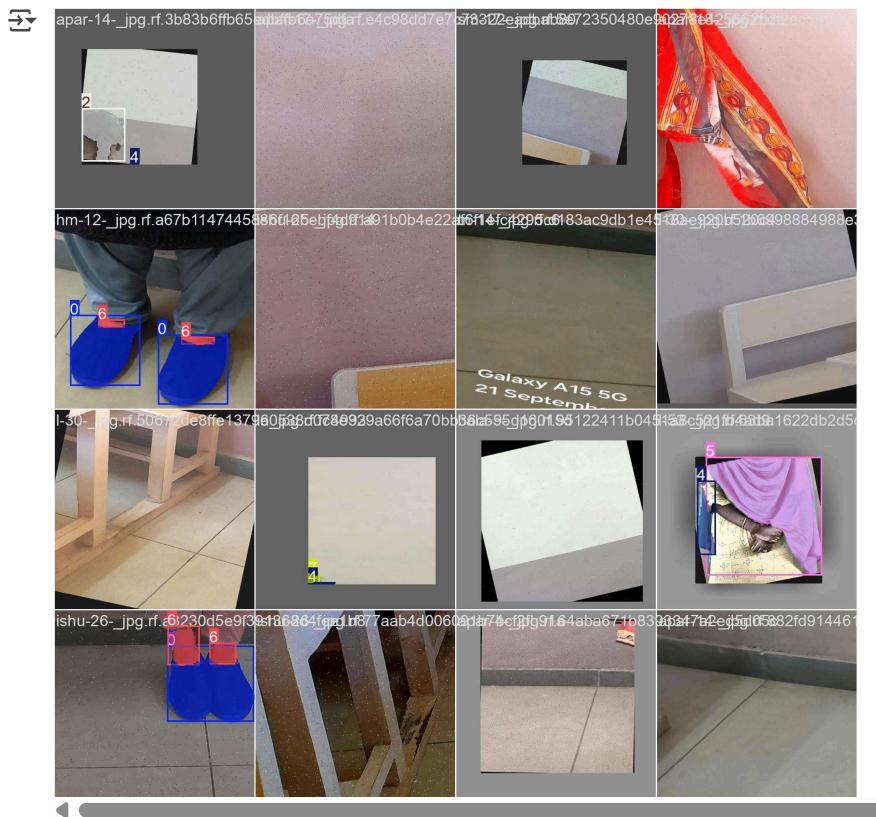


Double-click (or enter) to edit

Image("/content/datasets/runs/segment/train/train\_batch10260.jpg", width=600)



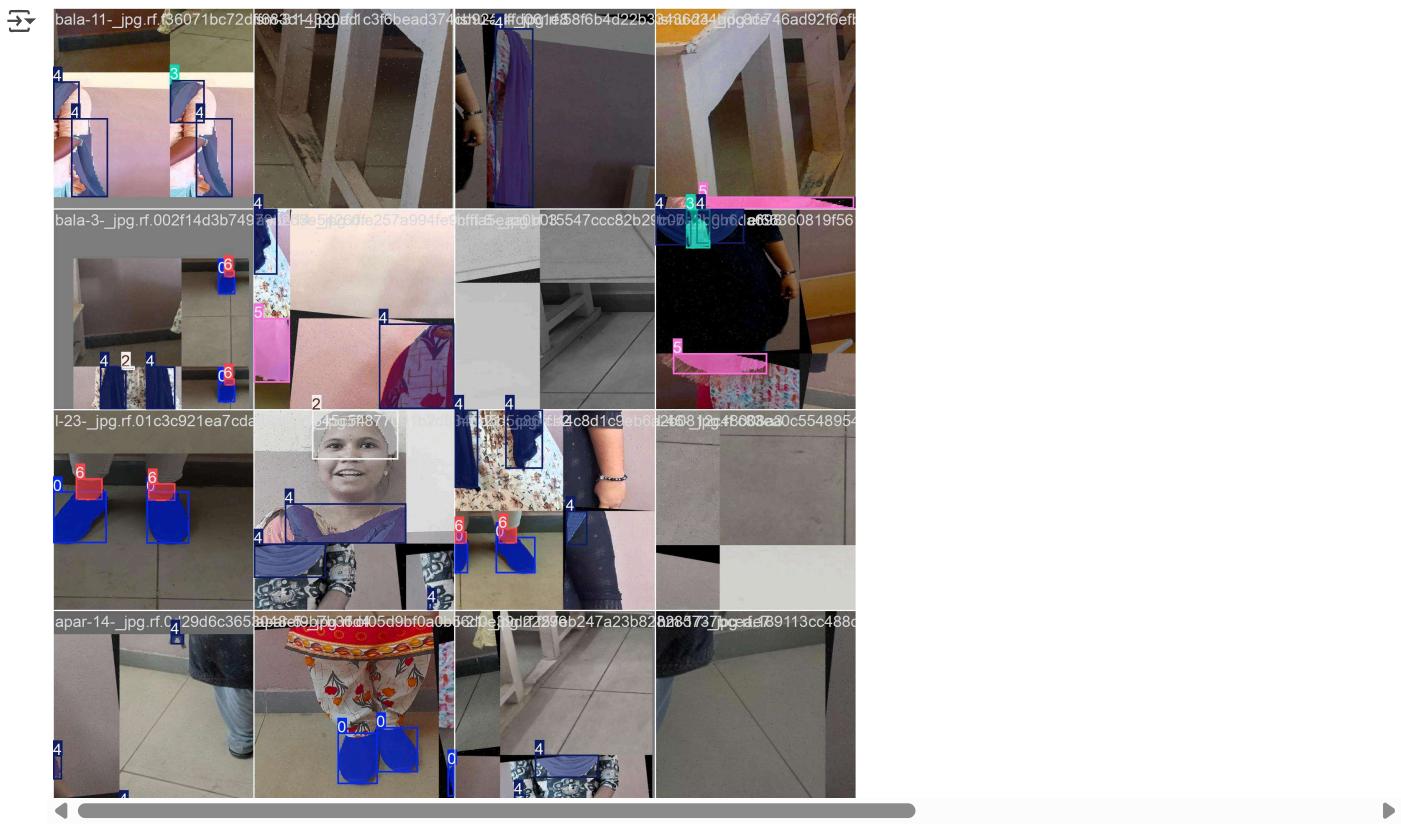
Image("/content/datasets/runs/segment/train/train\_batch10261.jpg", width=600)



Image("/content/datasets/runs/segment/train/train\_batch10262.jpg", width=600)



Image("/content/datasets/runs/segment/train/train\_batch2.jpg", width=600)



!yolo task=segment mode=predict model="/content/datasets/runs/segment/train/weights/best.pt" conf=0.25 source={dataset.location}/test/images save=true

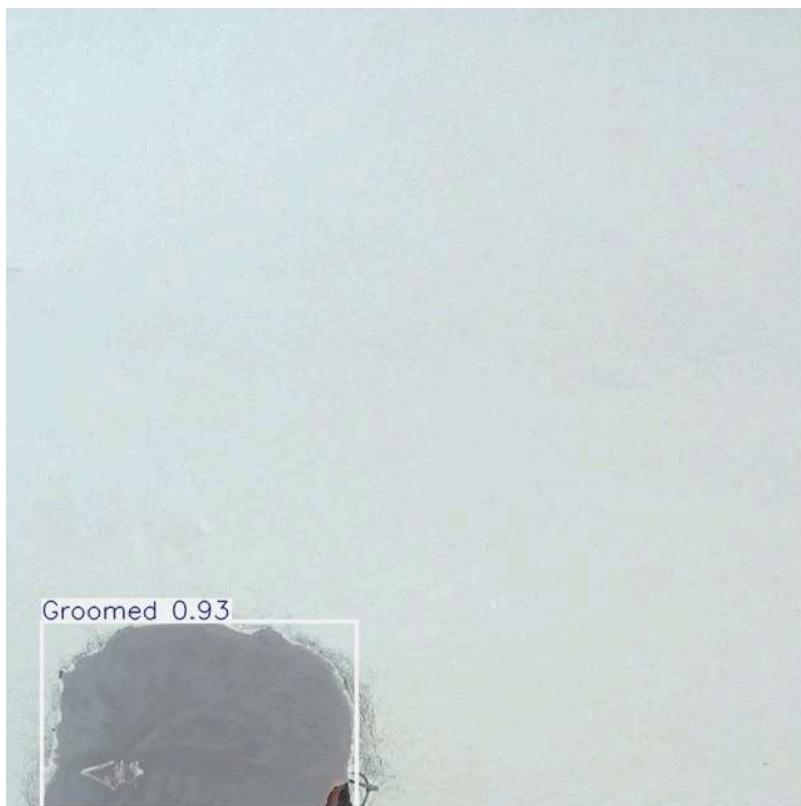
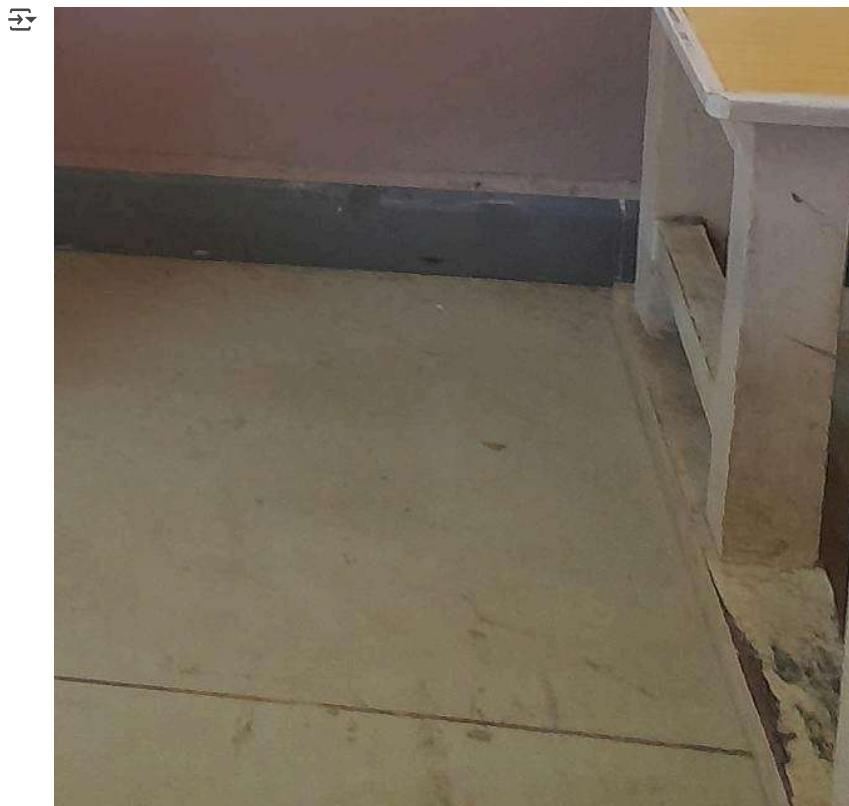
→ Ultralytics 8.3.59 🚀 Python-3.10.12 torch-2.5.1+cu121 CUDA:0 (Tesla T4, 15102MiB)  
YOLO1In-seg summary (fused): 265 layers, 2,836,128 parameters, 0 gradients, 10.2 GFLOPs

image 1/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.110d4076353fbfa850c96deda1fd3676.jpg: 640x640 1 Pinned Shawl, 1 Unpinned Shawl, 17.1ms  
image 2/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.4ec63e63fdc956660cd4ad6adc32f9ae.jpg: 640x640 1 Groomed, 15.0ms  
image 3/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.ra67286fc7462e1940e49325a85fa0e89.jpg: 640x640 (no detections), 15.0ms  
image 4/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.aca86735326dd39939c656d67517c2fd.jpg: 640x640 1 Pinned Shawl, 20.8ms  
image 5/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.be66d82bd159d1962de33508452222c1.jpg: 640x640 2 Black Shoes, 16.8ms  
image 6/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.cb9a43e86abf35456876635385fb910f.jpg: 640x640 (no detections), 14.3ms  
image 7/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.d9a430e3d94eb54ea54143dbebc31d8.jpg: 640x640 2 Id cards, 4 Pinned Shawls, 12.6ms  
image 8/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.f013b1a0080df1942f2d8f3ac10e386.jpg: 640x640 1 Pinned Shawl, 11.9ms  
image 9/54 /content/datasets/Disciplinary-Monitoring-3/test/images/apar-2\_.jpg.rf.f01bcc067c5d80f9dc0a6a9e4dbdaef.jpg: 640x640 1 Pinned Shawl, 13.3ms  
image 10/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.02a6f5cafca0334922e5950bf997bdc.jpg: 640x640 2 Black Shoes, 1 Pinned Shawl, 11.4ms

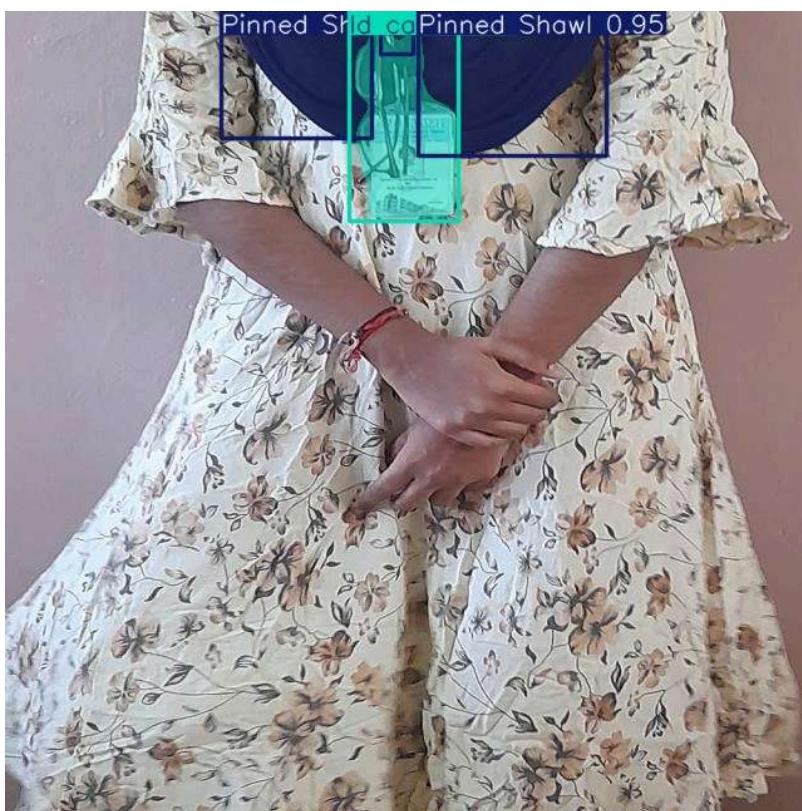
image 11/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.08cb3c4d1f97cd1f8c9f02d583d1d65.jpg: 640x640 1 Groomed, 1 Pinned Shawl, 11.9ms  
 image 12/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.27a7ccfd2c479b710be99d4545ffd4.jpg: 640x640 1 Pinned Shawl, 13.5ms  
 image 13/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.410a13906df3a9a4ccc002b2ad4e7733.jpg: 640x640 1 Pinned Shawl, 16.4ms  
 image 14/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.9d47ea50fdcc667a44062ee3e03fba4f7.jpg: 640x640 (no detections), 12.4ms  
 image 15/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.bcb094cb6125c9e313e67a7dab5d9014.jpg: 640x640 (no detections), 12.2ms  
 image 16/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.c4643898618449f0993055f9073af4a1.jpg: 640x640 1 Pinned Shawl, 11.9ms  
 image 17/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.d6fd5ca43dafc1c9814c425fc7a3a61c.jpg: 640x640 1 Pinned Shawl, 12.3ms  
 image 18/54 /content/datasets/Disciplinary-Monitoring-3/test/images/hm-22\_.jpg.rf.e5b15cf823751741e70b886b807554e4.jpg: 640x640 1 Groomed, 1 Id card, 1 Pinned Shawl, 12.0ms  
 image 19/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.0603745574a028d71abbd92b22b9e612.jpg: 640x640 (no detections), 12.0ms  
 image 20/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.152995f6c8f2fb4c07532cf380448d9d.jpg: 640x640 1 Groomed, 12.4ms  
 image 21/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.4af7cb2e9e24197b44d6a265563e499b.jpg: 640x640 (no detections), 13.2ms  
 image 22/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.72c788843da53284282c8311630f759.jpg: 640x640 (no detections), 11.9ms  
 image 23/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.7889d1d1ac2d0a78f45936bd8c49ac14.jpg: 640x640 2 Black Shoes, 1 Without socks, 12.1ms  
 image 24/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.8f189b20ef5f49a46e42f22695436864.jpg: 640x640 1 Groomed, 1 Id card, 1 Pinned Shawl, 12.0ms  
 image 25/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.927a27b50795c072e1e170bf02bf20f.jpg: 640x640 1 Pinned Shawl, 18.6ms  
 image 26/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.b4c6d5186cd21a1ba185840512ac2ba1.jpg: 640x640 (no detections), 12.5ms  
 image 27/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu-15\_.jpg.rf.e5149250cb60ee07267cc588b3e4a.jpg: 640x640 1 Black Shoe, 1 Pinned Shawl, 12.3ms  
 image 28/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.08ff2a2394c74bf36fe63840948420bb.jpg: 640x640 1 Pinned Shawl, 12.4ms  
 image 29/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.1494fc3478abe2957bc38544fa62fc.jpg: 640x640 (no detections), 17.5ms  
 image 30/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.1777ef2be175ddca8dc2e0ca0d09740b.jpg: 640x640 (no detections), 12.2ms  
 image 31/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.309fd1365df148ede9c55c23bc2700dd.jpg: 640x640 2 Pinned Shawls, 11.9ms  
 image 32/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.6898f03cab4f7d043c87bcc514691cfa.jpg: 640x640 (no detections), 12.2ms  
 image 33/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.91e13164f022588393913eb69c5fd7d9.jpg: 640x640 (no detections), 12.2ms  
 image 34/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.af0e80601927770b0a2eff90d723492d.jpg: 640x640 1 Pinned Shawl, 1 Unpinned Shawl, 12.4ms  
 image 35/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.b96f43727bf9520ccb4f402c045117f.jpg: 640x640 1 Groomed, 1 Pinned Shawl, 12.0ms  
 image 36/54 /content/datasets/Disciplinary-Monitoring-3/test/images/ishu8\_.jpg.rf.cf37c403ab50f452fe336a0b9b7f2364.jpg: 640x640 1 Black Shoe, 2 Without socks, 13.3ms  
 image 37/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.14c591ba6d1069e1f25f71a3f732f0ed.jpg: 640x640 (no detections), 15.0ms  
 image 38/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.2c30a8f3df78d72ed888be554df720da.jpg: 640x640 (no detections), 15.0ms  
 image 39/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.3cf940b990b357c21583c5fc109fa074.jpg: 640x640 (no detections), 14.5ms  
 image 40/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.4ffcb651ba6f4dfb00c3ed53f0ad823.jpg: 640x640 (no detections), 11.6ms  
 image 41/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.52ef4f785de4b1a6ed7b09bb4f7b11b.jpg: 640x640 1 Id card, 3 Pinned Shawls, 16.4ms  
 image 42/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.54214ed5dd1b23af77eb8fbfd19c2a9.jpg: 640x640 (no detections), 11.3ms  
 image 43/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.8a4fcad52ba02bac10ceae81ff1f60d.jpg: 640x640 1 Groomed, 1 Id card, 2 Pinned Shawls, 1  
 image 44/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.a19a3b4f179a3b2afeccfde6da0ecf36e.jpg: 640x640 (no detections), 11.0ms  
 image 45/54 /content/datasets/Disciplinary-Monitoring-3/test/images/sm-23\_.jpg.rf.d71a468ad88ca0b9702f8b5a4b541131.jpg: 640x640 2 Black Shoes, 12.7ms  
 image 46/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.00437139d323fb304a06649275e9d69.jpg: 640x640 (no detections), 11.3ms  
 image 47/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.4ce388f9b2ba7bb256a78bccdd6dd301.jpg: 640x640 (no detections), 11.3ms  
 image 48/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.56c1856dadcd743059f172661aff1bcd9.jpg: 640x640 (no detections), 11.2ms  
 image 49/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.68f4887f45dd25d8598674289227a68a.jpg: 640x640 (no detections), 11.2ms  
 image 50/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.88dfaf1fa5d41716f85f0d74f0e697e9.jpg: 640x640 1 Groomed, 1 Id card, 2 Pinned Shawls, 11  
 image 51/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.a695139a94bbbe71e59f149900becb.jpg: 640x640 1 Id card, 5 Pinned Shawls, 16.0ms  
 image 52/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.c193c21502d3944b36cd42c7278a26ea.jpg: 640x640 1 Pinned Shawl, 15.3ms  
 image 53/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.c1ba372d4c39e631202cebbf2a67010.jpg: 640x640 (no detections), 15.5ms  
 image 54/54 /content/datasets/Disciplinary-Monitoring-3/test/images/tn-19\_.jpg.rf.e2c4e78a8c8a528e8316b2c84918d275.jpg: 640x640 2 Black Shoes, 2 Without socks, 17.1ms

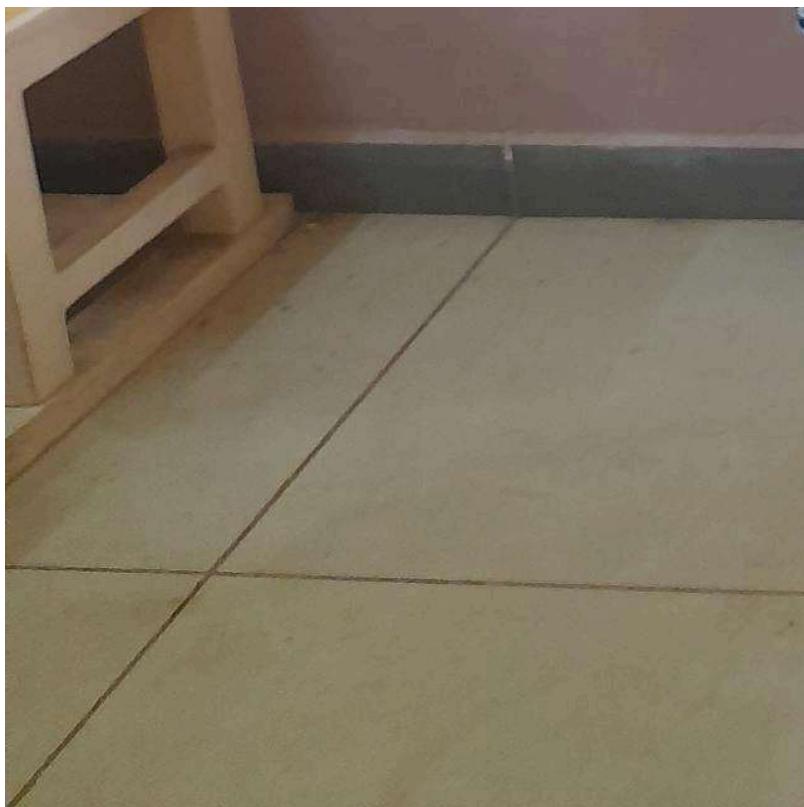
```
import glob
import os
from IPython.display import Image as IPyImage, display
```

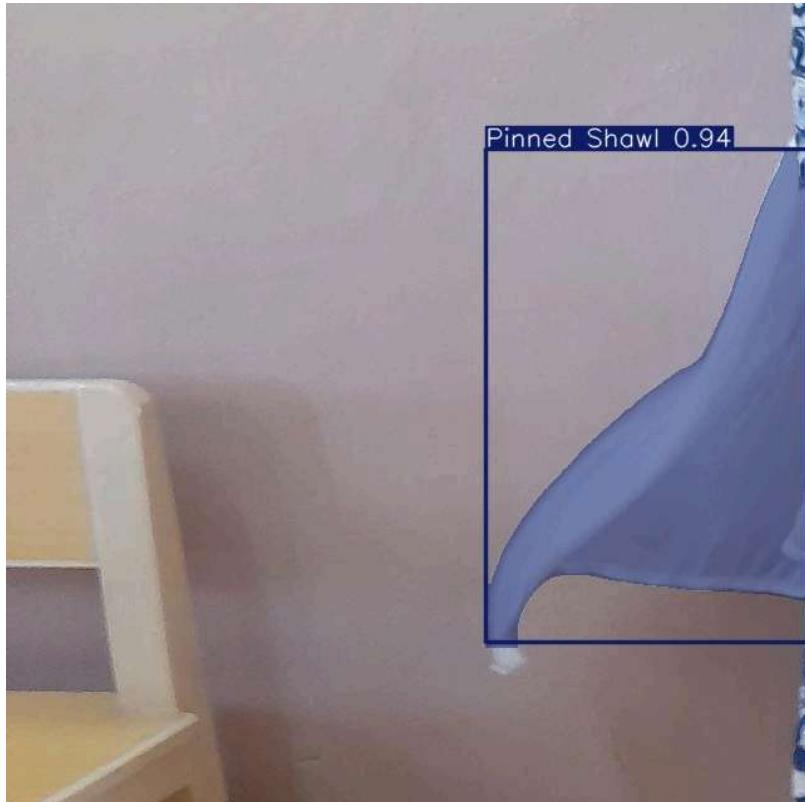
```
latest_folder = max(glob.glob("/content/datasets/runs/segment/predict"), key=os.path.getmtime)
for img in glob.glob(f'{latest_folder}/*.jpg')[5:100]:
    display(IPyImage(filename=img, width=600))
print("\n")
```

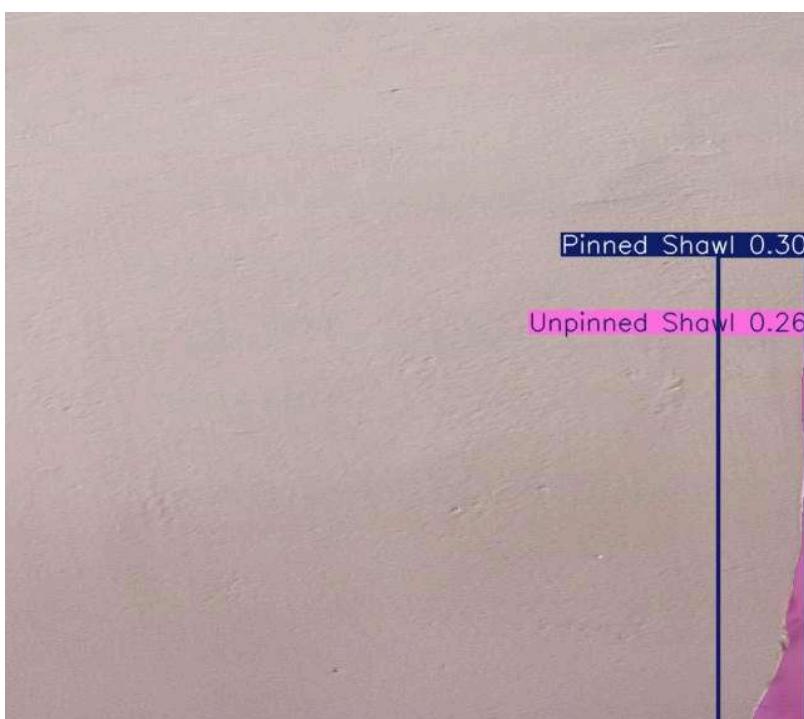
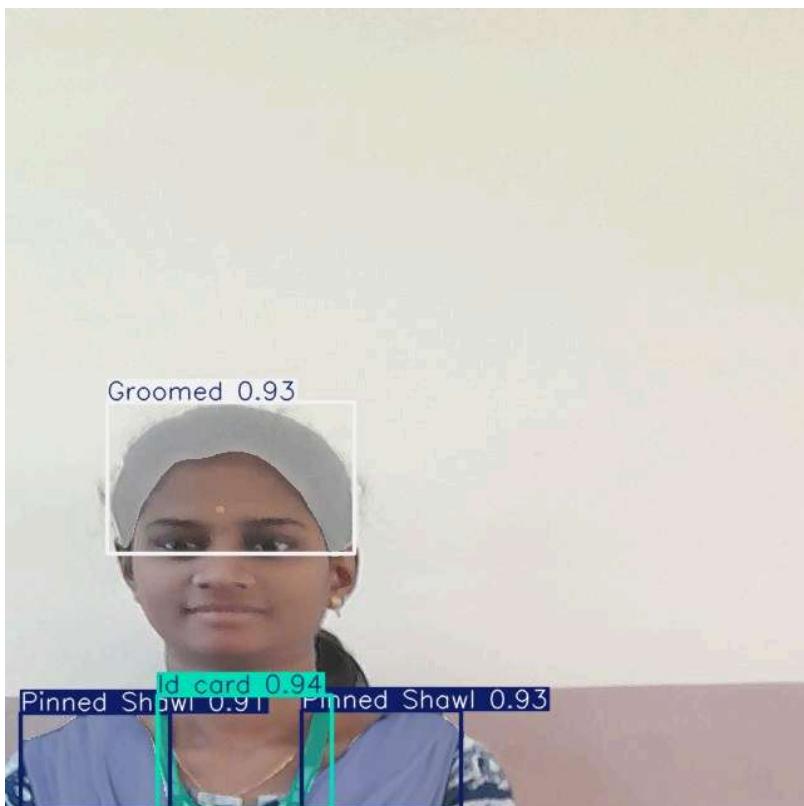


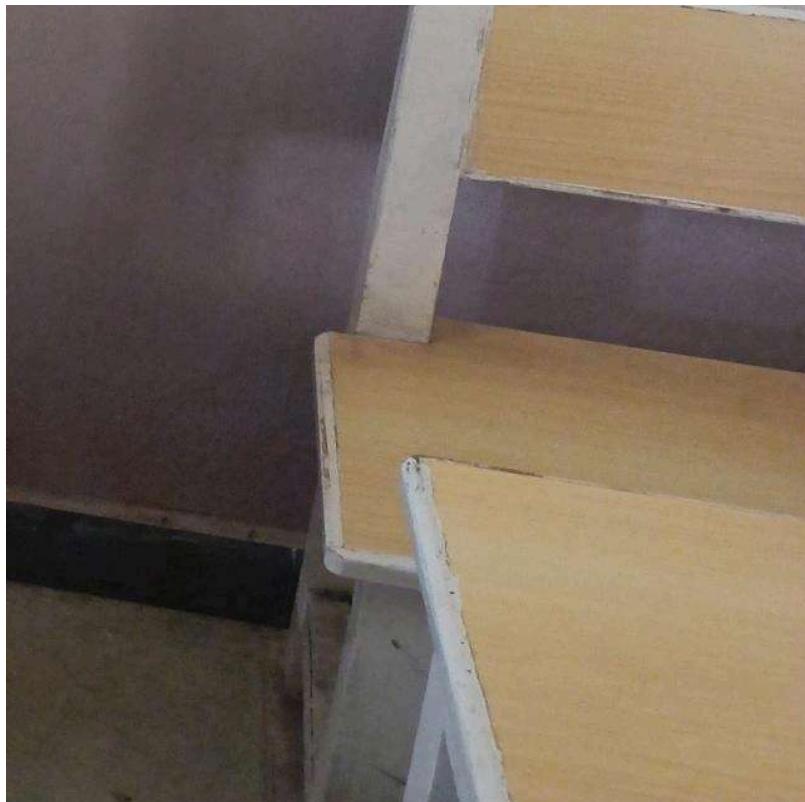
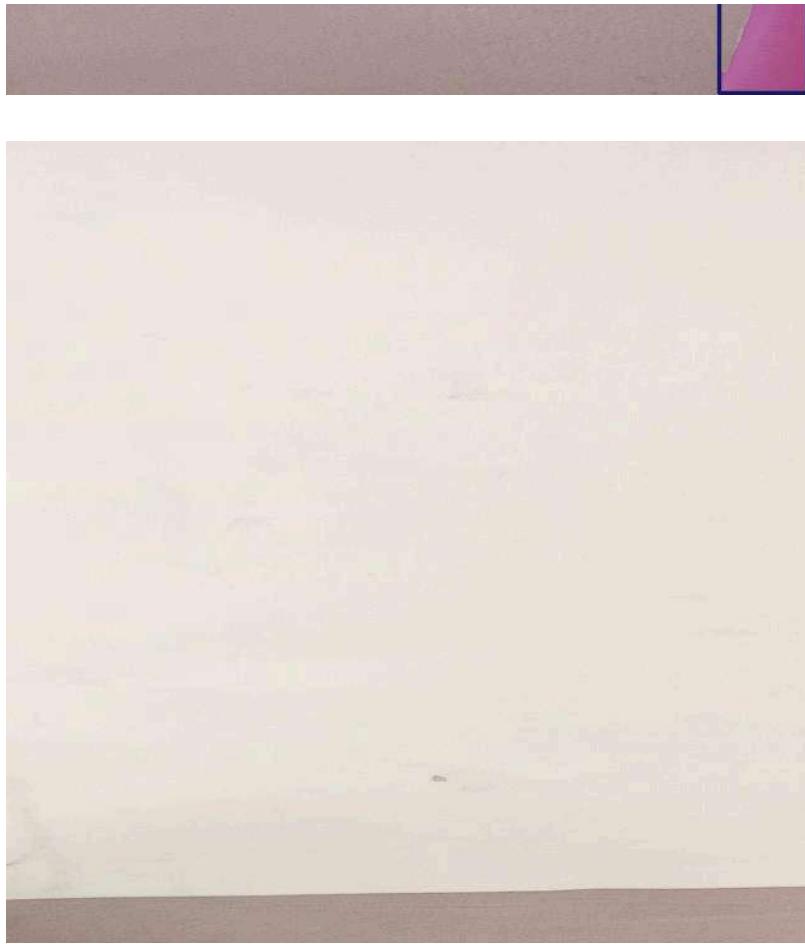


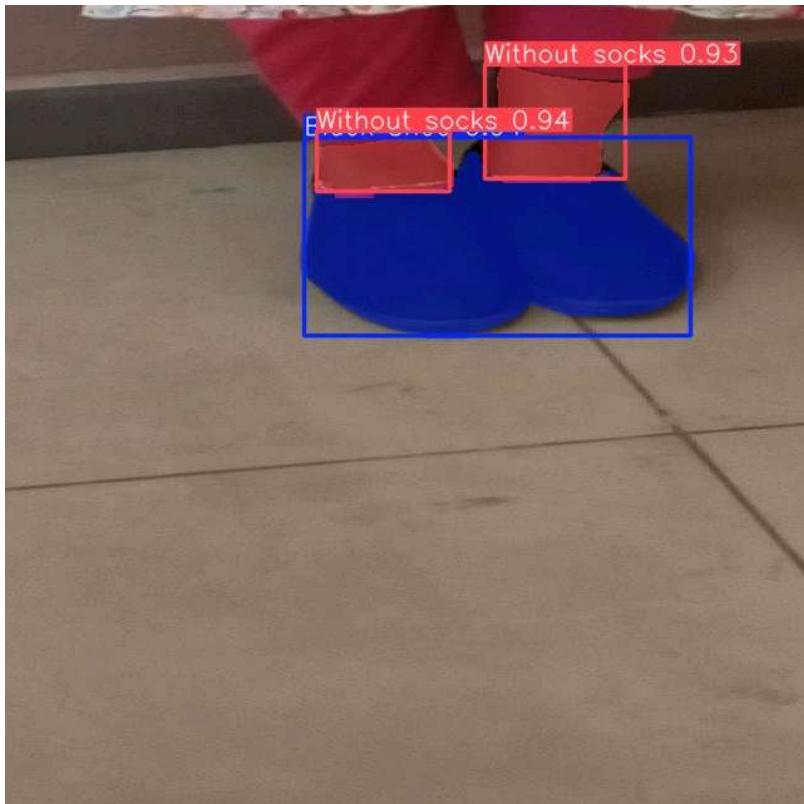








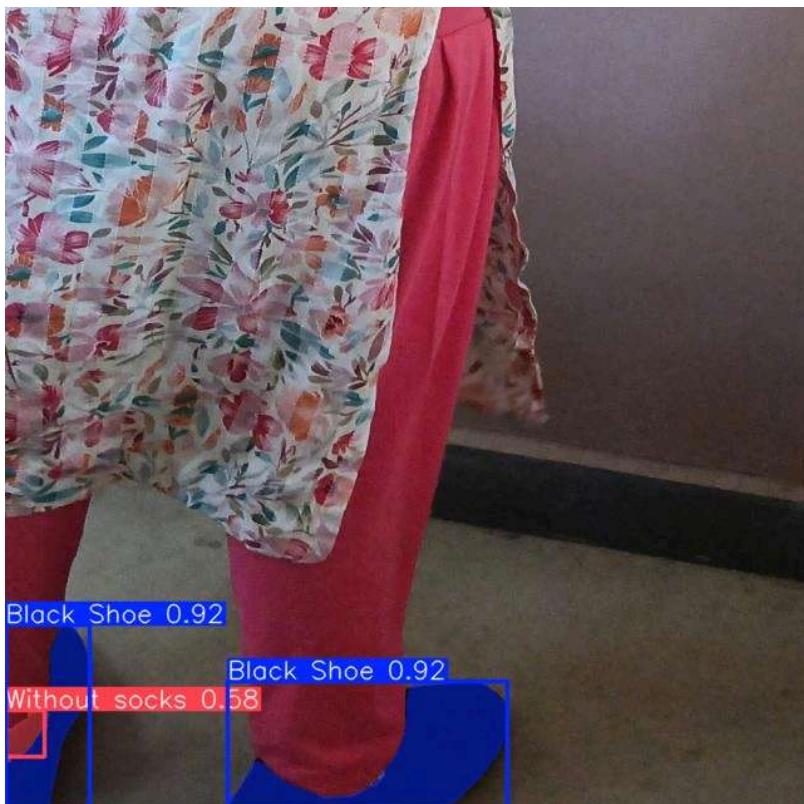






Pinned Shawl 0.92



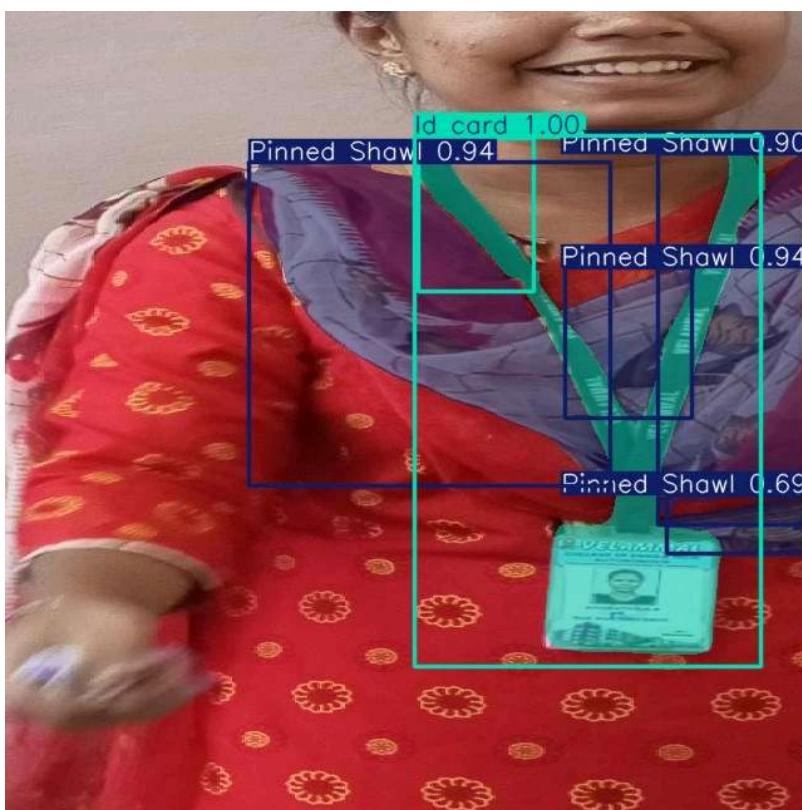


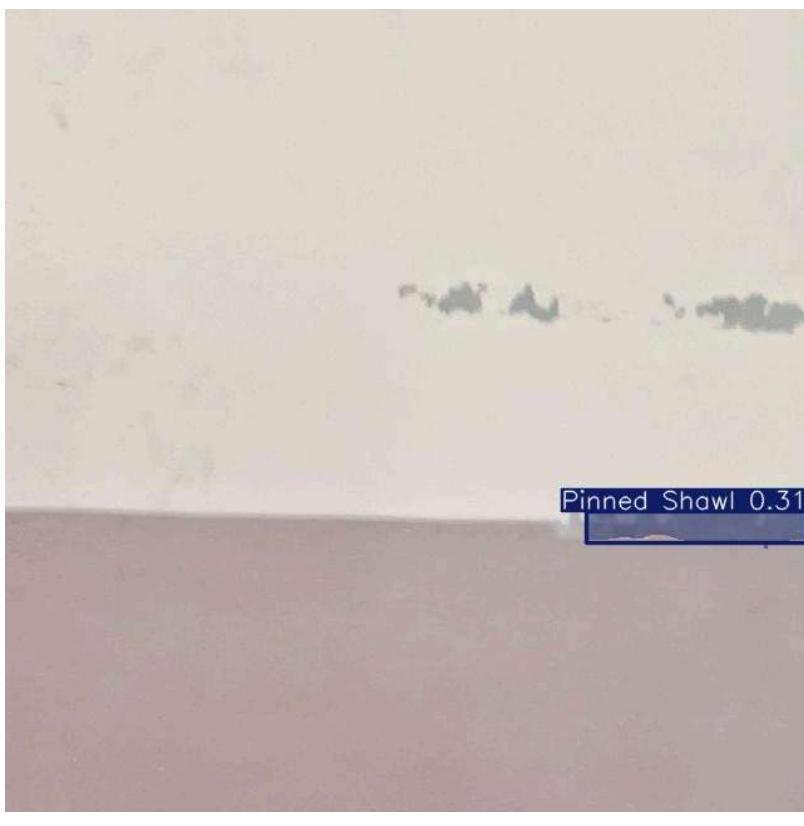
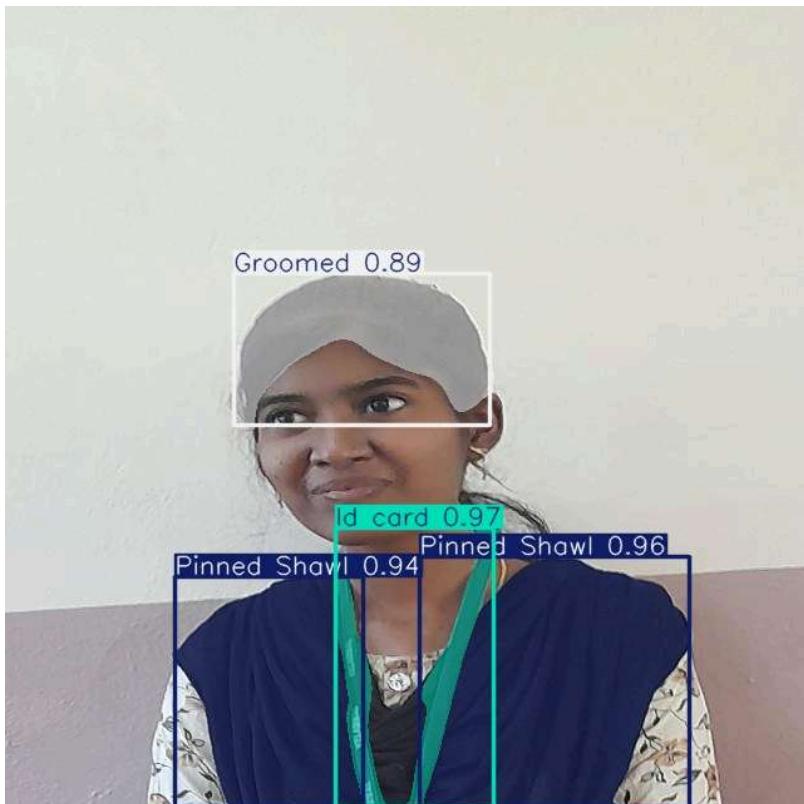




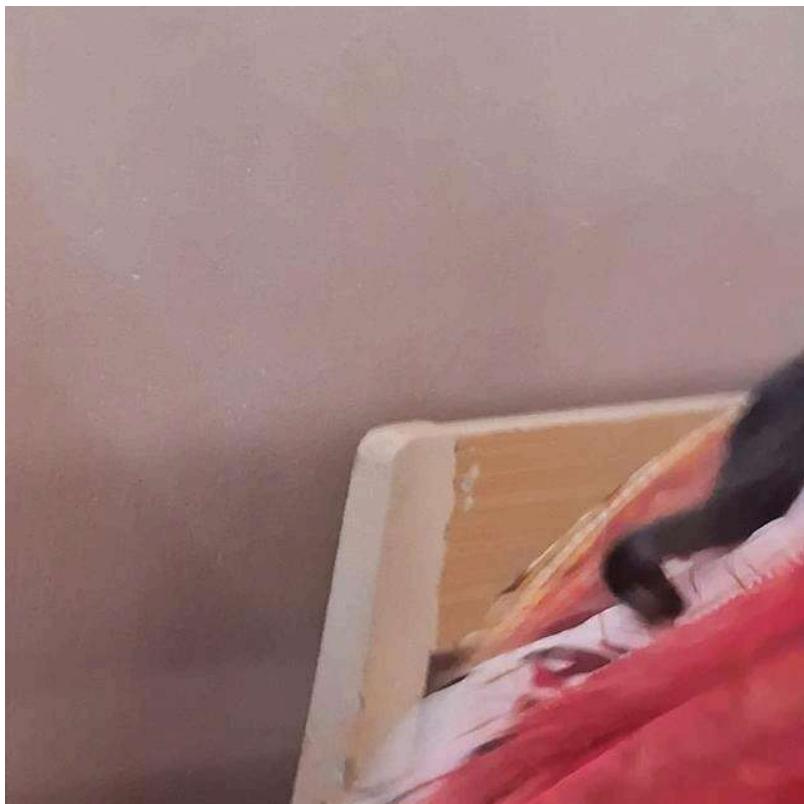












Pinned Shawl 0.59



