

```

--- Executing Run 1 (Seed 42) ---
Raw data not found. Downloading...
100% [██████████] 329M/329M [00:08<00:00, 39.2MB/s]
100% [██████████] 502/502 [00:00<00:00, 1.78MB/s]
/tmp/ipython-input-144871334.py:20: DeprecationWarning: Python 3.14 will, by default, filter extracted tar archives and reject files or modify their metadata. Use the filter argument to control this behavior.
    tar.extractall(raw_dir)
Extracting images...
Creating dataset split: run1 (Seed 42)...

>>> Starting Run 1 (Model: yolov5s-cls.pt) <<<
Downloading yolov5s-cls.pt...
100% [██████████] 10.5M/10.5M [00:00<00:00, 46.2MB/s]Creating new Ultralytics Settings v0.0.6 file ✓
View Ultralytics Settings with 'yolo settings' or at '/root/.config/Ultralytics/settings.json'
Update Settings with 'yolo settings key=value', i.e. 'yolo settings runs_dir=path/to/dir'. For help see https://docs.ultralytics.com/quickstart/#ultralytics-settings.
YOLOv5 🚀 v7.0-457-g84ef1e59 Python-3.12.12 torch-2.9.0+cu126 CUDA:0 (Tesla T4, 15095MiB)

Fusing layers...
Model summary: 117 layers, 5447688 parameters, 0 gradients, 11.4 GFLOPs
WARNING ⚠️ YOLOv5 ClassificationModel is not yet AutoShape compatible. You must pass torch tensors in BCHW to this model, i.e. shape(1,3,224,224).

Epoch 01: Train Acc=0.4326 | Val Acc=0.7611 | Test Acc=0.7383

Epoch 02: Train Acc=0.7941 | Val Acc=0.8676 | Test Acc=0.8486

Epoch 03: Train Acc=0.8622 | Val Acc=0.9116 | Test Acc=0.8945

Epoch 04: Train Acc=0.8996 | Val Acc=0.9170 | Test Acc=0.9082

Epoch 05: Train Acc=0.9148 | Val Acc=0.9292 | Test Acc=0.9189

Epoch 06: Train Acc=0.9275 | Val Acc=0.9340 | Test Acc=0.9248

Epoch 07: Train Acc=0.9206 | Val Acc=0.9389 | Test Acc=0.9272

Epoch 08: Train Acc=0.9399 | Val Acc=0.9414 | Test Acc=0.9277

Epoch 09: Train Acc=0.9448 | Val Acc=0.9409 | Test Acc=0.9321

Epoch 10: Train Acc=0.9441 | Val Acc=0.9482 | Test Acc=0.9316

Epoch 11: Train Acc=0.9443 | Val Acc=0.9487 | Test Acc=0.9351

Epoch 12: Train Acc=0.9555 | Val Acc=0.9516 | Test Acc=0.9424

Epoch 13: Train Acc=0.9541 | Val Acc=0.9516 | Test Acc=0.9370

Epoch 14: Train Acc=0.9543 | Val Acc=0.9536 | Test Acc=0.9390

Epoch 15: Train Acc=0.9582 | Val Acc=0.9487 | Test Acc=0.9438

Epoch 16: Train Acc=0.9558 | Val Acc=0.9516 | Test Acc=0.9419

Epoch 17: Train Acc=0.9609 | Val Acc=0.9497 | Test Acc=0.9434

Epoch 18: Train Acc=0.9577 | Val Acc=0.9536 | Test Acc=0.9497

Epoch 19: Train Acc=0.9626 | Val Acc=0.9536 | Test Acc=0.9453

Epoch 20: Train Acc=0.9629 | Val Acc=0.9541 | Test Acc=0.9497

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