```
(htrflow_env) (base) apple@LilydeMacBook-Pro-2 htr-comparison-
project % ./scripts/run_beam_experiment.sh 🔬 开始 Beam Search 参数对比实验 预计总时间: 50-60 分钟
━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ ▶ 测试 num_beams = 1
━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ LilydeMacBook-Pro-2.local - 2025-10-22 22:02:52 UTC -
INFO - Include schema from 'file:///Users/apple/htrflow_env/lib/python3.11/site-
packages/xmlschema/schemas/XSD_1.1/xsd11-extra.xsd' LilydeMacBook-Pro-2.local - 2025-10-22
22:02:52 UTC - ERROR - Could not import OpenMMLab models: []. Traceback (most recent call last):
File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 26,
in all_models from htrflow.models.openmmlab.rtmdet import RTMDet File
"/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/openmmlab/rtmdet.py", line
5, in <module> from mmdet.apis import DetInferencer ModuleNotFoundError: No module named 'mmdet'
LilydeMacBook-Pro-2.local - 2025-10-22 22:02:52 UTC - ERROR - Could not import Teklia models:
[]. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-
packages/htrflow/models/importer.py", line 37, in all_models from htrflow.models.teklia.pylaia
import PyLaia File "/Users/apple/htrflow_env/lib/python3.11/site-
packages/htrflow/models/teklia/pylaia.py", line 14, in <module> from laia.common.arguments import
CommonArgs, DataArgs, DecodeArgs, TrainerArgs ModuleNotFoundError: No module named 'laia'
LilydeMacBook-Pro-2.local - 2025-10-22 22:02:52 UTC - INFO - Importing 1 input images with batch
size 1 LilydeMacBook-Pro-2.local - 2025-10-22 22:02:52 UTC - INFO - Initialized collection
'None' with 1 pages LilydeMacBook-Pro-2.local - 2025-10-22 22:02:52 UTC - INFO - Running step
Segmentation (step 1 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:02:54 UTC - INFO -
Initialized YOLO model 'Riksarkivet/yolov9-lines-within-regions-1' from
/Users/apple/.cache/huggingface/hub/models--Riksarkivet--yolov9-lines-within-regions-
1/snapshots/f62260d9ae6e782c43c3fd789b7d7e19d64608d9/model.pt on device cpu LilydeMacBook-Pro-
2.local - 2025-10-22 22:02:54 UTC - INFO - Model 'YOLO' on device 'cpu' received 1 images in
batches of 1 images per batch (1 batches) YOLO: Running inference (batch size 1): 0%| | 0/1
[00:00<?, ?it/s]LilydeMacBook-Pro-2.local - 2025-10-22 22:02:54 UTC - INFO - YOLO: Running
inference on 1 images (batch 1 of 1) YOLO: Running inference (batch size 1): 100%|██████████| |
1/1 [00:02<00:00, 2.25s/it] LilydeMacBook-Pro-2.local - 2025-10-22 22:02:56 UTC - INFO - Running
step TextRecognition (step 2 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:02:57 UTC - INFO -
Initialized TrOCR model from Riksarkivet/trocr-base-handwritten-hist-swe-2 on device cpu. Using
a slow image processor as `use_fast` is unset and a slow processor was saved with this model.
`use_fast=True` will be the default behavior in v4.52, even if the model was saved with a slow
processor. This will result in minor differences in outputs. You'll still be able to use a slow
processor with `use_fast=False`. LilydeMacBook-Pro-2.local - 2025-10-22 22:03:00 UTC - INFO -
Initialized TrOCR processor from Riksarkivet/trocr-base-handwritten-hist-swe-2. LilydeMacBook-
Pro-2.local - 2025-10-22 22:03:00 UTC - INFO - Model 'TrOCR' on device 'cpu' received 33 images
in batches of 1 images per batch (33 batches) TrOCR: Running inference (batch size 1): 0%| |
0/33 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local - 2025-10-22 22:03:00 UTC - INFO - TrOCR: Running
inference on 1 images (batch 1 of 33) The following generation flags are not valid and may be
ignored: ['early_stopping', 'length_penalty']. Set `TRANSFORMERS_VERBOSITY=info` for more
details. TrOCR: Running inference (batch size 1): 3%|█ | 1/33 [00:14<07:32,
```

14.15s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:03:14 UTC — INFO — TrOCR: Running inference on 1 images (batch 2 of 33) TrOCR: Running inference (batch size 1): 6%|█ | 2/33 [00:32<08:31, 16.49s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:03:32 UTC — INFO — TrOCR: Running inference on 1 images (batch 3 of 33) TrOCR: Running inference (batch size 1): 9%|█ | 3/33 [00:43<07:02, 14.08s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:03:44 UTC — INFO — TrOCR: Running inference on 1 images (batch 4 of 33) TrOCR: Running inference (batch size 1): 12%|█ | 4/33 [00:56<06:32, 13.52s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:03:56 UTC — INFO — TrOCR: Running inference on 1 images (batch 5 of 33) TrOCR: Running inference (batch size 1): 15%|█ | 5/33 [01:09<06:16, 13.46s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:10 UTC — INFO — TrOCR: Running inference on 1 images (batch 6 of 33) TrOCR: Running inference (batch size 1): 18%|█ | 6/33 [01:18<05:19, 11.83s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:18 UTC — INFO — TrOCR: Running inference on 1 images (batch 7 of 33) TrOCR: Running inference (batch size 1): 21%|█ | 7/33 [01:27<04:47, 11.06s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:28 UTC — INFO — TrOCR: Running inference on 1 images (batch 8 of 33) TrOCR: Running inference (batch size 1): 24%|█ | 8/33 [01:36<04:16, 10.25s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:36 UTC — INFO — TrOCR: Running inference on 1 images (batch 9 of 33) TrOCR: Running inference (batch size 1): 27%|█ | 9/33 [01:42<03:37, 9.05s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:43 UTC — INFO — TrOCR: Running inference on 1 images (batch 10 of 33) TrOCR: Running inference (batch size 1): 30%|█ | 10/33 [01:52<03:34, 9.34s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:04:53 UTC — INFO — TrOCR: Running inference on 1 images (batch 11 of 33) TrOCR: Running inference (batch size 1): 33%|█ | 11/33 [02:03<03:33, 9.68s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:05:03 UTC — INFO — TrOCR: Running inference on 1 images (batch 12 of 33) TrOCR: Running inference (batch size 1): 36%|█ | 12/33 [02:17<03:52, 11.09s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:05:17 UTC — INFO — TrOCR: Running inference on 1 images (batch 13 of 33) TrOCR: Running inference (batch size 1): 39%|█ | 13/33 [02:28<03:39, 10.97s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:05:28 UTC — INFO — TrOCR: Running inference on 1 images (batch 14 of 33) TrOCR: Running inference (batch size 1): 42%|█ | 14/33 [02:39<03:30, 11.10s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:05:40 UTC — INFO — TrOCR: Running inference on 1 images (batch 15 of 33) TrOCR: Running inference (batch size 1): 45%|█ | 15/33 [02:53<03:34, 11.89s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:05:53 UTC — INFO — TrOCR: Running inference on 1 images (batch 16 of 33) TrOCR: Running inference (batch size 1): 48%|█ | 16/33 [03:05<03:26, 12.12s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:06:06 UTC — INFO — TrOCR: Running inference on 1 images (batch 17 of 33) TrOCR: Running inference (batch size 1): 52%|█ | 17/33 [03:18<03:15, 12.23s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:06:18 UTC — INFO — TrOCR: Running inference on 1 images (batch 18 of 33) TrOCR: Running inference (batch size 1): 55%|█ | 18/33 [03:29<02:58, 11.90s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:06:30 UTC — INFO — TrOCR: Running inference on 1 images (batch 19 of 33) TrOCR: Running inference (batch size 1): 58%|█ | 19/33 [03:39<02:38, 11.33s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:06:40 UTC — INFO — TrOCR: Running inference on 1 images (batch 20 of 33) TrOCR: Running inference (batch size 1): 61%|█ | 20/33 [03:51<02:29, 11.52s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:06:51 UTC — INFO — TrOCR: Running inference on 1 images (batch 21 of 33) TrOCR: Running inference (batch size 1): 64%|█ | 21/33 [04:02<02:17,

11.42s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:03 UTC - INFO - TrOCR: Running inference on 1 images (batch 22 of 33) TrOCR: Running inference (batch size 1): 67%|████████ | 22/33 [04:04<01:35, 8.65s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:05 UTC - INFO - TrOCR: Running inference on 1 images (batch 23 of 33) TrOCR: Running inference (batch size 1): 70%|████████ | 23/33 [04:14<01:29, 8.94s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:14 UTC - INFO - TrOCR: Running inference on 1 images (batch 24 of 33) TrOCR: Running inference (batch size 1): 73%|████████ | 24/33 [04:20<01:14, 8.23s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:21 UTC - INFO - TrOCR: Running inference on 1 images (batch 25 of 33) TrOCR: Running inference (batch size 1): 76%|████████ | 25/33 [04:30<01:09, 8.74s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:31 UTC - INFO - TrOCR: Running inference on 1 images (batch 26 of 33) TrOCR: Running inference (batch size 1): 79%|█████████ | 26/33 [04:40<01:02, 8.90s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:40 UTC - INFO - TrOCR: Running inference on 1 images (batch 27 of 33) TrOCR: Running inference (batch size 1): 82%|█████████ | 27/33 [04:48<00:51, 8.65s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:48 UTC - INFO - TrOCR: Running inference on 1 images (batch 28 of 33) TrOCR: Running inference (batch size 1): 85%|█████████ | 28/33 [04:49<00:32, 6.52s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:50 UTC - INFO - TrOCR: Running inference on 1 images (batch 29 of 33) TrOCR: Running inference (batch size 1): 88%|█████████ | 29/33 [04:58<00:29, 7.29s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:07:59 UTC - INFO - TrOCR: Running inference on 1 images (batch 30 of 33) TrOCR: Running inference (batch size 1): 91%|█████████ | 30/33 [05:06<00:22, 7.48s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:08:07 UTC - INFO - TrOCR: Running inference on 1 images (batch 31 of 33) TrOCR: Running inference (batch size 1): 94%|██████████ | 31/33 [05:15<00:15, 7.86s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:08:16 UTC - INFO - TrOCR: Running inference on 1 images (batch 32 of 33) TrOCR: Running inference (batch size 1): 97%|██████████| 32/33 [05:20<00:06, 6.97s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:08:21 UTC - INFO - TrOCR: Running inference on 1 images (batch 33 of 33) TrOCR: Running inference (batch size 1): 100%|██████████| 33/33 [05:22<00:00, 9.76s/it] LilydeMacBook-Pro-2.local - 2025-10-22 22:08:22 UTC - INFO - Running step OrderLines (step 3 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:08:22 UTC - INFO - Running step Export (step 4 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:08:22 UTC - INFO - Wrote document to outputs/htrflow/beam1/samples/test.json LilydeMacBook-Pro-2.local - 2025-10-22 22:08:22 UTC - INFO - Processed 1 pages in 329 seconds (average 329.884 seconds per page) ✅ num_beams=1 完成，用时：363 秒 📊 分析结果：=== 📄 文件分析：test.jpg === 📐 图片尺寸: 2776 x 4136 📝 检测行数: 33 🎯 置信度统计: 平均: 0.8289 最高: 0.9731 最低: 0.6462 ⚠ 低置信度行 (<0.90): Line 0: 0.6551 - Em wy Christimam medh Guds nåde, Sweriges, räthes ... Line 1: 0.7416 - Karlers Lappgers i Norrlanden uhr Kryarnas och Ede... Line 2: 0.7092 - bohren Hertigimma till Sleßwich Halson, Enkia, Lin... Line 4: 0.7231 - Dom Högborne Fürse och Herre Geer Gers Gustaf Adol... Line 5: 0.6605 - Vttekohöherdhe Kommigh och Arffueste Storfurste ti... Line 6: 0.6462 - fl 3... Line 7: 0.8120 - och Wäissmanneland Wår olskelige Kiäre sonn hafwer... Line 9: 0.8639 - the danske och huruledes hans Hl:r hafwer efterlåt... Line 10: 0.8695 - Elfz tongs Slårt medh någre Häradher der under så ... Line 13: 0.7244 - och Herres Herr Johans Sweriges, Socher och Wändes... Line 14: 0.8454 - Östergötlande Wår olshelige kiäre Sons Så och Swer... Line 16: 0.8888 - ligh hielp

öfwer heela Ryldet till samma Elfzborgs... Line 17: 0.8674 – göres skulle och wißer och förrogne män der till f... Line 20: 0.8433 – ohhrlige Edle Wälborna och Wälbördighe Her Abraham... Line 21: 0.8410 – till Nynäs och Skiälighe och Johan Jöranßon till B... Line 22: 0.7169 – bära samma hielp uthi wår ohrhrlige kiäre yngste J... Line 23: 0.6827 – Freders war Carl Philip Sweriges Spåhrs och wändes... Line 24: 0.7215 – manneland, Närwahio och Wermeland, frådendome, Sön... Line 28: 0.8258 – instribution at utröia på eders en sådan Befasning... Line 30: 0.8808 – händh. gifwit Giäfle then 22. Septembris Åhr 1613.... Line 32: 0.6833 – Inköpt i Hammarria antoge af mindre sine 1515... 🔧 处理步骤: Segmentation: YOLO TextRecognition: TrOCR

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━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ ▶️ 测试 num_beams = 2

━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – INFO – Include schema from 'file:///Users/apple/htrflow_env/lib/python3.11/site-packages/xmlschema/schemas/XSD_1.1/xsd11-extra.xsd' LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – ERROR – Could not import OpenMMLab models: []. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 26, in all_models from htrflow.models.openmmlab.rtmdet import RTMDet File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/openmmlab/rtmdet.py", line 5, in <module> from mmdet.apis import DetInferencer ModuleNotFoundError: No module named 'mmdet' LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – ERROR – Could not import Teklia models: []. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 37, in all_models from htrflow.models.teklia.pylaia import PyLaia File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/teklia/pylaia.py", line 14, in <module> from laia.common.arguments import CommonArgs, DataArgs, DecodeArgs, TrainerArgs ModuleNotFoundError: No module named 'laia' LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – INFO – Importing 1 input images with batch size 1 LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – INFO – Initialized collection 'None' with 1 pages LilydeMacBook-Pro-2.local – 2025-10-22 22:08:31 UTC – INFO – Running step Segmentation (step 1 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:08:32 UTC – INFO – Initialized YOLO model 'Riksarkivet/yolov9-lines-within-regions-1' from /Users/apple/.cache/huggingface/hub/models--Riksarkivet--yolov9-lines-within-regions-1/snapshots/f62260d9ae6e782c43c3fd789b7d7e19d64608d9/model.pt on device cpu LilydeMacBook-Pro-2.local – 2025-10-22 22:08:32 UTC – INFO – Model 'YOLO' on device 'cpu' received 1 images in batches of 1 images per batch (1 batches) YOLO: Running inference (batch size 1): 0%| | 0/1 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local – 2025-10-22 22:08:32 UTC – INFO – YOLO: Running inference on 1 images (batch 1 of 1) YOLO: Running inference (batch size 1): 100%|██████████| 1/1 [00:02<00:00, 2.35s/it] LilydeMacBook-Pro-2.local – 2025-10-22 22:08:34 UTC – INFO – Running step TextRecognition (step 2 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:08:36 UTC – INFO – Initialized TrOCR model from Riksarkivet/trocr-base-handwritten-hist-swe-2 on device cpu. Using a slow image processor as `use_fast` is unset and a slow processor was saved with this model. `use_fast=True` will be the default behavior in v4.52, even if the model was saved with a slow processor. This will result in minor differences in outputs. You'll still be able to use a slow processor with `use_fast=False`. LilydeMacBook-Pro-2.local – 2025-10-22 22:08:38 UTC – INFO –

```
Initialized TrOCR processor from Riksarkivet/trocr-base-handwritten-hist-swe-2. LilydeMacBook-
Pro-2.local - 2025-10-22 22:08:39 UTC - INFO - Model 'TrOCR' on device 'cpu' received 33 images
in batches of 1 images per batch (33 batches) TrOCR: Running inference (batch size 1): 0%| |
0/33 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local - 2025-10-22 22:08:39 UTC - INFO - TrOCR: Running
inference on 1 images (batch 1 of 33) TrOCR: Running inference (batch size 1): 3%|█ | 1/33
[00:13<07:13, 13.55s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:08:52 UTC - INFO - TrOCR:
Running inference on 1 images (batch 2 of 33) TrOCR: Running inference (batch size 1): 6%|█ |
2/33 [00:30<08:07, 15.73s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:09:09 UTC - INFO - TrOCR:
Running inference on 1 images (batch 3 of 33) TrOCR: Running inference (batch size 1): 9%|█ |
3/33 [00:45<07:33, 15.13s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:09:24 UTC - INFO - TrOCR:
Running inference on 1 images (batch 4 of 33) TrOCR: Running inference (batch size 1): 12%|█ |
4/33 [00:57<06:50, 14.15s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:09:36 UTC - INFO - TrOCR:
Running inference on 1 images (batch 5 of 33) TrOCR: Running inference (batch size 1): 15%|█ |
5/33 [01:11<06:26, 13.80s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:09:50 UTC - INFO - TrOCR:
Running inference on 1 images (batch 6 of 33) TrOCR: Running inference (batch size 1): 18%|█ |
6/33 [01:23<06:01, 13.40s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:10:02 UTC - INFO - TrOCR:
Running inference on 1 images (batch 7 of 33) TrOCR: Running inference (batch size 1): 21%|█ |
7/33 [01:41<06:28, 14.92s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:10:20 UTC - INFO - TrOCR:
Running inference on 1 images (batch 8 of 33) TrOCR: Running inference (batch size 1): 24%|█ |
8/33 [01:59<06:32, 15.69s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:10:38 UTC - INFO - TrOCR:
Running inference on 1 images (batch 9 of 33) TrOCR: Running inference (batch size 1): 27%|█ |
9/33 [02:10<05:46, 14.45s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:10:49 UTC - INFO - TrOCR:
Running inference on 1 images (batch 10 of 33) TrOCR: Running inference (batch size 1): 30%|█
| 10/33 [02:32<06:22, 16.61s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:11:11 UTC - INFO -
TrOCR: Running inference on 1 images (batch 11 of 33) TrOCR: Running inference (batch size 1):
33%|█ | 11/33 [02:52<06:27, 17.61s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:11:31 UTC -
INFO - TrOCR: Running inference on 1 images (batch 12 of 33) TrOCR: Running inference (batch
size 1): 36%|█ | 12/33 [03:13<06:35, 18.85s/it]LilydeMacBook-Pro-2.local - 2025-10-22
22:11:52 UTC - INFO - TrOCR: Running inference on 1 images (batch 13 of 33) TrOCR: Running
inference (batch size 1): 39%|█ | 13/33 [03:31<06:11, 18.58s/it]LilydeMacBook-Pro-2.local -
2025-10-22 22:12:10 UTC - INFO - TrOCR: Running inference on 1 images (batch 14 of 33) TrOCR:
Running inference (batch size 1): 42%|█ | 14/33 [03:49<05:46, 18.24s/it]LilydeMacBook-Pro-
2.local - 2025-10-22 22:12:28 UTC - INFO - TrOCR: Running inference on 1 images (batch 15 of 33)
TrOCR: Running inference (batch size 1): 45%|█ | 15/33 [04:09<05:38,
18.80s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:12:48 UTC - INFO - TrOCR: Running inference
on 1 images (batch 16 of 33) TrOCR: Running inference (batch size 1): 48%|█ | 16/33
[04:27<05:15, 18.55s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:13:06 UTC - INFO - TrOCR:
Running inference on 1 images (batch 17 of 33) TrOCR: Running inference (batch size 1):
52%|█ | 17/33 [04:46<05:00, 18.77s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:13:25 UTC -
INFO - TrOCR: Running inference on 1 images (batch 18 of 33) TrOCR: Running inference (batch
size 1): 55%|█ | 18/33 [05:01<04:24, 17.65s/it]LilydeMacBook-Pro-2.local - 2025-10-22
22:13:40 UTC - INFO - TrOCR: Running inference on 1 images (batch 19 of 33) TrOCR: Running
```

inference (batch size 1): 58%|▎ | 19/33 [05:17<03:58, 17.02s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:13:56 UTC – INFO – TrOCR: Running inference on 1 images (batch 20 of 33) TrOCR: Running inference (batch size 1): 61%| | 20/33 [05:36<03:51, 17.81s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:14:15 UTC – INFO – TrOCR: Running inference on 1 images (batch 21 of 33) TrOCR: Running inference (batch size 1): 64%| | 21/33 [05:54<03:32, 17.74s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:14:33 UTC – INFO – TrOCR: Running inference on 1 images (batch 22 of 33) TrOCR: Running inference (batch size 1): 67%| | 22/33 [05:58<02:29, 13.58s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:14:37 UTC – INFO – TrOCR: Running inference on 1 images (batch 23 of 33) TrOCR: Running inference (batch size 1): 70%| | 23/33 [06:19<02:37, 15.78s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:14:58 UTC – INFO – TrOCR: Running inference on 1 images (batch 24 of 33) TrOCR: Running inference (batch size 1): 73%| | 24/33 [06:33<02:18, 15.40s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:15:12 UTC – INFO – TrOCR: Running inference on 1 images (batch 25 of 33) TrOCR: Running inference (batch size 1): 76%| | 25/33 [06:55<02:18, 17.31s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:15:34 UTC – INFO – TrOCR: Running inference on 1 images (batch 26 of 33) TrOCR: Running inference (batch size 1): 79%| | 26/33 [07:18<02:13, 19.12s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:15:57 UTC – INFO – TrOCR: Running inference on 1 images (batch 27 of 33) TrOCR: Running inference (batch size 1): 82%| | 27/33 [07:42<02:03, 20.55s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:16:21 UTC – INFO – TrOCR: Running inference on 1 images (batch 28 of 33) TrOCR: Running inference (batch size 1): 85%| | 28/33 [07:46<01:17, 15.42s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:16:25 UTC – INFO – TrOCR: Running inference on 1 images (batch 29 of 33) TrOCR: Running inference (batch size 1): 88%| | 29/33 [08:08<01:09, 17.39s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:16:47 UTC – INFO – TrOCR: Running inference on 1 images (batch 30 of 33) TrOCR: Running inference (batch size 1): 91%| | 30/33 [08:25<00:52, 17.43s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:17:04 UTC – INFO – TrOCR: Running inference on 1 images (batch 31 of 33) TrOCR: Running inference (batch size 1): 94%| | 31/33 [08:45<00:36, 18.06s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:17:24 UTC – INFO – TrOCR: Running inference on 1 images (batch 32 of 33) TrOCR: Running inference (batch size 1): 97%| | 32/33 [08:55<00:15, 15.78s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:17:34 UTC – INFO – TrOCR: Running inference on 1 images (batch 33 of 33) TrOCR: Running inference (batch size 1): 100%| | 33/33 [08:58<00:00, 16.32s/it] LilydeMacBook-Pro-2.local – 2025-10-22 22:17:37 UTC – INFO – Running step OrderLines (step 3 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:17:37 UTC – INFO – Running step Export (step 4 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:17:37 UTC – INFO – Wrote document to outputs/htrflow/beam2/samples/test.json LilydeMacBook-Pro-2.local – 2025-10-22 22:17:37 UTC – INFO – Processed 1 pages in 546 seconds (average 546.467 seconds per page) ✅ num_beams=2 完成，用时：555 秒 📊 分析结果：

=== 📄 文件分析：test.jpg
=== 📐 图片尺寸：2776 x 4136 📝 检测行数：33 🎯 置信度统计：平均：0.9882 最高：0.9991 最低：0.8645 ⚠️ 低置信度行 (<0.90)：Line 6: 0.8645 – fl 3...
🔧 处理步骤：Segmentation: YOLO TextRecognition: TrOCR
===

▶ 测试 num_beams = 4

LilydeMacBook-Pro-2.local - 2025-10-22 22:17:47 UTC - INFO - Include schema from 'file:///Users/apple/htrflow_env/lib/python3.11/site-packages/xmlschema/schemas/XSD_1.1/xsd11-extra.xsd' LilydeMacBook-Pro-2.local - 2025-10-22 22:17:47 UTC - ERROR - Could not import OpenMMLab models: []. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 26, in all_models from htrflow.models.openmmlab.rtmdet import RTMDet File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/openmmlab/rtmdet.py", line 5, in <module> from mmdet.apis import DetInferencer ModuleNotFoundError: No module named 'mmdet' LilydeMacBook-Pro-2.local - 2025-10-22 22:17:47 UTC - ERROR - Could not import Teklia models: []. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 37, in all_models from htrflow.models.teklia.pylaia import PyLaia File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/teklia/pylaia.py", line 14, in <module> from laia.common.arguments import CommonArgs, DataArgs, DecodeArgs, TrainerArgs ModuleNotFoundError: No module named 'laia' LilydeMacBook-Pro-2.local - 2025-10-22 22:17:47 UTC - INFO - Importing 1 input images with batch size 1 LilydeMacBook-Pro-2.local - 2025-10-22 22:17:48 UTC - INFO - Initialized collection 'None' with 1 pages LilydeMacBook-Pro-2.local - 2025-10-22 22:17:48 UTC - INFO - Running step Segmentation (step 1 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:17:49 UTC - INFO - Initialized YOLO model 'Riksarkivet/yolov9-lines-within-regions-1' from /Users/apple/.cache/huggingface/hub/models--Riksarkivet--yolov9-lines-within-regions-1/snapshots/f62260d9ae6e782c43c3fd789b7d7e19d64608d9/model.pt on device cpu LilydeMacBook-Pro-2.local - 2025-10-22 22:17:49 UTC - INFO - Model 'YOLO' on device 'cpu' received 1 images in batches of 1 images per batch (1 batches) YOLO: Running inference (batch size 1): 0%| | 0/1 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local - 2025-10-22 22:17:49 UTC - INFO - YOLO: Running inference on 1 images (batch 1 of 1) YOLO: Running inference (batch size 1): 100%|██████████| 1/1 [00:02<00:00, 2.45s/it] LilydeMacBook-Pro-2.local - 2025-10-22 22:17:51 UTC - INFO - Running step TextRecognition (step 2 / 4) LilydeMacBook-Pro-2.local - 2025-10-22 22:17:53 UTC - INFO - Initialized TrOCR model from Riksarkivet/trocr-base-handwritten-hist-swe-2 on device cpu. Using a slow image processor as `use_fast` is unset and a slow processor was saved with this model. `use_fast=True` will be the default behavior in v4.52, even if the model was saved with a slow processor. This will result in minor differences in outputs. You'll still be able to use a slow processor with `use_fast=False`. LilydeMacBook-Pro-2.local - 2025-10-22 22:17:57 UTC - INFO - Initialized TrOCR processor from Riksarkivet/trocr-base-handwritten-hist-swe-2. LilydeMacBook-Pro-2.local - 2025-10-22 22:17:58 UTC - INFO - Model 'TrOCR' on device 'cpu' received 33 images in batches of 1 images per batch (33 batches) TrOCR: Running inference (batch size 1): 0%| | 0/33 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local - 2025-10-22 22:17:58 UTC - INFO - TrOCR: Running inference on 1 images (batch 1 of 33) TrOCR: Running inference (batch size 1): 3%|▌ | 1/33 [00:44<23:37, 44.31s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:18:42 UTC - INFO - TrOCR: Running inference on 1 images (batch 2 of 33) TrOCR: Running inference (batch size 1): 6%|█ | 2/33 [01:24<21:42, 42.01s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:19:22 UTC - INFO - TrOCR: Running inference on 1 images (batch 3 of 33) TrOCR: Running inference (batch size 1): 9%|█ |

3/33 [02:02<19:56, 39.90s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:20:00 UTC - INFO - TrOCR: Running inference on 1 images (batch 4 of 33) TrOCR: Running inference (batch size 1): 12%|█ |

4/33 [02:35<18:05, 37.42s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:20:33 UTC - INFO - TrOCR: Running inference on 1 images (batch 5 of 33) TrOCR: Running inference (batch size 1): 15%|█ |

5/33 [03:15<17:47, 38.13s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:21:13 UTC - INFO - TrOCR: Running inference on 1 images (batch 6 of 33) TrOCR: Running inference (batch size 1): 18%|█ |

6/33 [03:48<16:28, 36.61s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:21:46 UTC - INFO - TrOCR: Running inference on 1 images (batch 7 of 33) TrOCR: Running inference (batch size 1): 21%|█ |

7/33 [04:21<15:18, 35.32s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:22:19 UTC - INFO - TrOCR: Running inference on 1 images (batch 8 of 33) TrOCR: Running inference (batch size 1): 24%|█ |

8/33 [04:51<14:03, 33.75s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:22:49 UTC - INFO - TrOCR: Running inference on 1 images (batch 9 of 33) TrOCR: Running inference (batch size 1): 27%|█ |

9/33 [05:09<11:30, 28.76s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:23:07 UTC - INFO - TrOCR: Running inference on 1 images (batch 10 of 33) TrOCR: Running inference (batch size 1): 30%|█ |

| 10/33 [05:38<11:05, 28.92s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:23:36 UTC - INFO - TrOCR: Running inference on 1 images (batch 11 of 33) TrOCR: Running inference (batch size 1): 33%|█ | 11/33 [06:04<10:16, 28.02s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:24:02 UTC - INFO - TrOCR: Running inference on 1 images (batch 12 of 33) TrOCR: Running inference (batch size 1): 36%|█ | 12/33 [06:34<10:01, 28.63s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:24:32 UTC - INFO - TrOCR: Running inference on 1 images (batch 13 of 33) TrOCR: Running inference (batch size 1): 39%|█ | 13/33 [06:59<09:09, 27.46s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:24:57 UTC - INFO - TrOCR: Running inference on 1 images (batch 14 of 33) TrOCR: Running inference (batch size 1): 42%|█ | 14/33 [07:22<08:16, 26.12s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:25:20 UTC - INFO - TrOCR: Running inference on 1 images (batch 15 of 33) TrOCR: Running inference (batch size 1): 45%|█ | 15/33 [07:49<07:56, 26.49s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:25:48 UTC - INFO - TrOCR: Running inference on 1 images (batch 16 of 33) TrOCR: Running inference (batch size 1): 48%|█ | 16/33 [08:13<07:14, 25.56s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:26:11 UTC - INFO - TrOCR: Running inference on 1 images (batch 17 of 33) TrOCR: Running inference (batch size 1): 52%|█ | 17/33 [08:37<06:42, 25.13s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:26:35 UTC - INFO - TrOCR: Running inference on 1 images (batch 18 of 33) TrOCR: Running inference (batch size 1): 55%|█ | 18/33 [08:58<05:56, 23.77s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:26:56 UTC - INFO - TrOCR: Running inference on 1 images (batch 19 of 33) TrOCR: Running inference (batch size 1): 58%|█ | 19/33 [09:19<05:21, 22.99s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:27:17 UTC - INFO - TrOCR: Running inference on 1 images (batch 20 of 33) TrOCR: Running inference (batch size 1): 61%|█ | 20/33 [09:46<05:13, 24.14s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:27:44 UTC - INFO - TrOCR: Running inference on 1 images (batch 21 of 33) TrOCR: Running inference (batch size 1): 64%|█ | 21/33 [10:10<04:50, 24.23s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:28:08 UTC - INFO - TrOCR: Running inference on 1 images (batch 22 of 33) TrOCR: Running inference (batch size 1): 67%|█ | 22/33 [10:15<03:22, 18.41s/it]LilydeMacBook-Pro-2.local - 2025-10-22 22:28:13 UTC - INFO - TrOCR: Running inference on 1 images (batch 23 of 33) TrOCR: Running inference (batch size 1):

70%|███████ | 23/33 [10:43<03:34, 21.42s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:28:41 UTC – INFO – TrOCR: Running inference on 1 images (batch 24 of 33) TrOCR: Running inference (batch size 1): 73%|███████ | 24/33 [11:03<03:07, 20.85s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:29:01 UTC – INFO – TrOCR: Running inference on 1 images (batch 25 of 33) TrOCR: Running inference (batch size 1): 76%|███████ | 25/33 [11:34<03:11, 23.91s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:29:32 UTC – INFO – TrOCR: Running inference on 1 images (batch 26 of 33) TrOCR: Running inference (batch size 1): 79%|███████ | 26/33 [12:00<02:50, 24.42s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:29:58 UTC – INFO – TrOCR: Running inference on 1 images (batch 27 of 33) TrOCR: Running inference (batch size 1): 82%|███████ | 27/33 [12:25<02:28, 24.80s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:30:23 UTC – INFO – TrOCR: Running inference on 1 images (batch 28 of 33) TrOCR: Running inference (batch size 1): 85%|███████ | 28/33 [12:28<01:31, 18.28s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:30:26 UTC – INFO – TrOCR: Running inference on 1 images (batch 29 of 33) TrOCR: Running inference (batch size 1): 88%|███████ | 29/33 [12:55<01:23, 20.93s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:30:53 UTC – INFO – TrOCR: Running inference on 1 images (batch 30 of 33) TrOCR: Running inference (batch size 1): 91%|███████ | 30/33 [13:19<01:05, 21.76s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:31:17 UTC – INFO – TrOCR: Running inference on 1 images (batch 31 of 33) TrOCR: Running inference (batch size 1): 94%|███████ | 31/33 [13:48<00:47, 23.97s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:31:46 UTC – INFO – TrOCR: Running inference on 1 images (batch 32 of 33) TrOCR: Running inference (batch size 1): 97%|███████ | 32/33 [14:04<00:21, 21.58s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:32:02 UTC – INFO – TrOCR: Running inference on 1 images (batch 33 of 33) TrOCR: Running inference (batch size 1): 100%|███████| 33/33 [14:07<00:00, 25.68s/it] LilydeMacBook-Pro-2.local – 2025-10-22 22:32:05 UTC – INFO – Running step OrderLines (step 3 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:32:05 UTC – INFO – Running step Export (step 4 / 4) LilydeMacBook-Pro-2.local – 2025-10-22 22:32:05 UTC – INFO – Wrote document to outputs/htrflow/beam4/samples/test.json LilydeMacBook-Pro-2.local – 2025-10-22 22:32:05 UTC – INFO – Processed 1 pages in 857 seconds (average 857.770 seconds per page) ✅

num_beams=4 完成，用时：868 秒 📊 分析结果：

== 📄 文件分析: test.jpg

== 📐 图片尺寸: 2776 x 4136 📝 检测行数:

33 🎯 置信度统计：平均: 0.9617 最高: 0.9979 最低: 0.1397 ⚠️ 低置信度行 (<0.90): Line 3: 0.1397 – No

7... Line 6: 0.8645 – fl 3... 🔧 处理步骤: Segmentation: YOLO TextRecognition: TrOCR

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──────────────────────── ▶️ 测试 num_beams = 8

──────────────────────── LilydeMacBook-Pro-2.local – 2025-10-22 22:32:14 UTC –

INFO – Include schema from 'file:///Users/apple/htrflow_env/lib/python3.11/site-

packages/xmlschema/schemas/XSD_1.1/xsd11-extra.xsd' LilydeMacBook-Pro-2.local – 2025-10-22

22:32:14 UTC – ERROR – Could not import OpenMMLab models: []. Traceback (most recent call last):

File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 26,

in all_models from htrflow.models.openmmlab.rtmdet import RTMDet File

"/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/openmmlab/rtmdet.py", line

5, in <module> from mmdet.apis import DetInferencer ModuleNotFoundError: No module named 'mmdet'

LilydeMacBook-Pro-2.local — 2025-10-22 22:32:14 UTC — ERROR — Could not import Teklia models: []. Traceback (most recent call last): File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/importer.py", line 37, in all_models from htrflow.models.teklia.pylaia import PyLaia File "/Users/apple/htrflow_env/lib/python3.11/site-packages/htrflow/models/teklia/pylaia.py", line 14, in <module> from laia.common.arguments import CommonArgs, DataArgs, DecodeArgs, TrainerArgs ModuleNotFoundError: No module named 'laia' LilydeMacBook-Pro-2.local — 2025-10-22 22:32:14 UTC — INFO — Importing 1 input images with batch size 1 LilydeMacBook-Pro-2.local — 2025-10-22 22:32:14 UTC — INFO — Initialized collection 'None' with 1 pages LilydeMacBook-Pro-2.local — 2025-10-22 22:32:14 UTC — INFO — Running step Segmentation (step 1 / 4) LilydeMacBook-Pro-2.local — 2025-10-22 22:32:15 UTC — INFO — Initialized YOLO model 'Riksarkivet/yolov9-lines-within-regions-1' from /Users/apple/.cache/huggingface/hub/models--Riksarkivet--yolov9-lines-within-regions-1/snapshots/f62260d9ae6e782c43c3fd789b7d7e19d64608d9/model.pt on device cpu LilydeMacBook-Pro-2.local — 2025-10-22 22:32:15 UTC — INFO — Model 'YOLO' on device 'cpu' received 1 images in batches of 1 images per batch (1 batches) YOLO: Running inference (batch size 1): 0%| | 0/1 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local — 2025-10-22 22:32:15 UTC — INFO — YOLO: Running inference on 1 images (batch 1 of 1) YOLO: Running inference (batch size 1): 100%|██████████| 1/1 [00:01<00:00, 2.00s/it] LilydeMacBook-Pro-2.local — 2025-10-22 22:32:17 UTC — INFO — Running step TextRecognition (step 2 / 4) LilydeMacBook-Pro-2.local — 2025-10-22 22:32:19 UTC — INFO — Initialized TrOCR model from Riksarkivet/trocr-base-handwritten-hist-swe-2 on device cpu. Using a slow image processor as `use_fast` is unset and a slow processor was saved with this model. `use_fast=True` will be the default behavior in v4.52, even if the model was saved with a slow processor. This will result in minor differences in outputs. You'll still be able to use a slow processor with `use_fast=False`. LilydeMacBook-Pro-2.local — 2025-10-22 22:32:21 UTC — INFO — Initialized TrOCR processor from Riksarkivet/trocr-base-handwritten-hist-swe-2. LilydeMacBook-Pro-2.local — 2025-10-22 22:32:22 UTC — INFO — Model 'TrOCR' on device 'cpu' received 33 images in batches of 1 images per batch (33 batches) TrOCR: Running inference (batch size 1): 0%| | 0/33 [00:00<?, ?it/s]LilydeMacBook-Pro-2.local — 2025-10-22 22:32:23 UTC — INFO — TrOCR: Running inference on 1 images (batch 1 of 33) TrOCR: Running inference (batch size 1): 3%|▊ | 1/33 [00:50<26:50, 50.33s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:33:13 UTC — INFO — TrOCR: Running inference on 1 images (batch 2 of 33) TrOCR: Running inference (batch size 1): 6%|▊ | 2/33 [01:42<26:26, 51.18s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:34:05 UTC — INFO — TrOCR: Running inference on 1 images (batch 3 of 33) TrOCR: Running inference (batch size 1): 9%|█ | 3/33 [02:28<24:31, 49.05s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:34:51 UTC — INFO — TrOCR: Running inference on 1 images (batch 4 of 33) TrOCR: Running inference (batch size 1): 12%|█ | 4/33 [03:10<22:14, 46.03s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:35:32 UTC — INFO — TrOCR: Running inference on 1 images (batch 5 of 33) TrOCR: Running inference (batch size 1): 15%|█▊ | 5/33 [04:03<22:39, 48.54s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:36:25 UTC — INFO — TrOCR: Running inference on 1 images (batch 6 of 33) TrOCR: Running inference (batch size 1): 18%|█▊ | 6/33 [04:51<21:48, 48.47s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:37:14 UTC — INFO — TrOCR: Running inference on 1 images (batch 7 of 33) TrOCR: Running inference (batch size 1): 21%|██ | 7/33 [05:38<20:49, 48.07s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:38:01 UTC — INFO — TrOCR:

Running inference on 1 images (batch 8 of 33) TrOCR: Running inference (batch size 1): 24%|███ | 8/33 [06:26<20:03, 48.15s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:38:49 UTC – INFO – TrOCR: Running inference on 1 images (batch 9 of 33) TrOCR: Running inference (batch size 1): 27%|███ | 9/33 [06:57<17:02, 42.59s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:39:20 UTC – INFO – TrOCR: Running inference on 1 images (batch 10 of 33) TrOCR: Running inference (batch size 1): 30%|███ | 10/33 [07:50<17:34, 45.86s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:40:13 UTC – INFO – TrOCR: Running inference on 1 images (batch 11 of 33) TrOCR: Running inference (batch size 1): 33%|███ | 11/33 [08:37<16:59, 46.35s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:41:00 UTC – INFO – TrOCR: Running inference on 1 images (batch 12 of 33) TrOCR: Running inference (batch size 1): 36%|███ | 12/33 [09:36<17:31, 50.06s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:41:59 UTC – INFO – TrOCR: Running inference on 1 images (batch 13 of 33) TrOCR: Running inference (batch size 1): 39%|███ | 13/33 [10:21<16:12, 48.63s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:42:44 UTC – INFO – TrOCR: Running inference on 1 images (batch 14 of 33) TrOCR: Running inference (batch size 1): 42%|███ | 14/33 [11:05<14:53, 47.01s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:43:28 UTC – INFO – TrOCR: Running inference on 1 images (batch 15 of 33) TrOCR: Running inference (batch size 1): 45%|███ | 15/33 [11:56<14:27, 48.21s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:44:19 UTC – INFO – TrOCR: Running inference on 1 images (batch 16 of 33) TrOCR: Running inference (batch size 1): 48%|███ | 16/33 [12:42<13:28, 47.59s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:45:05 UTC – INFO – TrOCR: Running inference on 1 images (batch 17 of 33) TrOCR: Running inference (batch size 1): 52%|███ | 17/33 [13:26<12:25, 46.61s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:45:49 UTC – INFO – TrOCR: Running inference on 1 images (batch 18 of 33) TrOCR: Running inference (batch size 1): 55%|███ | 18/33 [14:05<11:03, 44.23s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:46:28 UTC – INFO – TrOCR: Running inference on 1 images (batch 19 of 33) TrOCR: Running inference (batch size 1): 58%|███ | 19/33 [14:46<10:04, 43.21s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:47:09 UTC – INFO – TrOCR: Running inference on 1 images (batch 20 of 33) TrOCR: Running inference (batch size 1): 61%|███ | 20/33 [15:41<10:10, 46.97s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:48:04 UTC – INFO – TrOCR: Running inference on 1 images (batch 21 of 33) TrOCR: Running inference (batch size 1): 64%|███ | 21/33 [16:32<09:38, 48.23s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:48:55 UTC – INFO – TrOCR: Running inference on 1 images (batch 22 of 33) TrOCR: Running inference (batch size 1): 67%|███ | 22/33 [16:43<06:44, 36.78s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:49:06 UTC – INFO – TrOCR: Running inference on 1 images (batch 23 of 33) TrOCR: Running inference (batch size 1): 70%|███ | 23/33 [17:50<07:39, 45.99s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:50:13 UTC – INFO – TrOCR: Running inference on 1 images (batch 24 of 33) TrOCR: Running inference (batch size 1): 73%|███ | 24/33 [18:38<06:58, 46.47s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:51:01 UTC – INFO – TrOCR: Running inference on 1 images (batch 25 of 33) TrOCR: Running inference (batch size 1): 76%|███ | 25/33 [19:54<07:23, 55.49s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:52:17 UTC – INFO – TrOCR: Running inference on 1 images (batch 26 of 33) TrOCR: Running inference (batch size 1): 79%|███ | 26/33 [20:40<06:08, 52.66s/it]LilydeMacBook-Pro-2.local – 2025-10-22 22:53:03 UTC – INFO – TrOCR: Running inference on 1 images (batch 27 of 33) TrOCR: Running inference (batch size 1): 82%|███ | 27/33 [21:26<05:03,

50.53s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:53:49 UTC — INFO — TrOCR: Running inference on 1 images (batch 28 of 33) TrOCR: Running inference (batch size 1): 85%|███████| | 28/33 [21:31<03:05, 37.04s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:53:54 UTC — INFO — TrOCR: Running inference on 1 images (batch 29 of 33) TrOCR: Running inference (batch size 1): 88%|███████| | 29/33 [22:21<02:43, 40.76s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:54:44 UTC — INFO — TrOCR: Running inference on 1 images (batch 30 of 33) TrOCR: Running inference (batch size 1): 91%|███████| | 30/33 [23:11<02:10, 43.62s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:55:34 UTC — INFO — TrOCR: Running inference on 1 images (batch 31 of 33) TrOCR: Running inference (batch size 1): 94%|███████| | 31/33 [24:05<01:33, 46.67s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:56:28 UTC — INFO — TrOCR: Running inference on 1 images (batch 32 of 33) TrOCR: Running inference (batch size 1): 97%|███████| | 32/33 [24:29<00:39, 39.92s/it]LilydeMacBook-Pro-2.local — 2025-10-22 22:56:52 UTC — INFO — TrOCR: Running inference on 1 images (batch 33 of 33) TrOCR: Running inference (batch size 1): 100%|███████| | 33/33 [24:34<00:00, 44.69s/it] LilydeMacBook-Pro-2.local — 2025-10-22 22:56:57 UTC — INFO — Running step OrderLines (step 3 / 4) LilydeMacBook-Pro-2.local — 2025-10-22 22:56:57 UTC — INFO — Running step Export (step 4 / 4) LilydeMacBook-Pro-2.local — 2025-10-22 22:56:57 UTC — INFO — Wrote document to outputs/htrflow/beam8/samples/test.json LilydeMacBook-Pro-2.local — 2025-10-22 22:56:57 UTC — INFO — Processed 1 pages in 1483 seconds (average 1483.179 seconds per page) ✅ num_beams=8 完成，用时: 1492 秒 📊 分析结果:

== 📄 文件分析: test.jpg

== 📐 图片尺寸: 2776 x 4136 📝 检测行数:

33 🎯 置信度统计: 平均: 0.9882 最高: 0.9985 最低: 0.8645 ⚠️ 低置信度行 (<0.90): Line 6: 0.8645 — fl 3...

✏️ 处理步骤: Segmentation: YOLO TextRecognition: TrOCR

== 🎉 所有实验完成！ 查看结果: ls -lh outputs/htrflow/beam*/