Showing all logs for run

```
2021-03-19:18:57:37,483 INFO     [matplotlib.font_manager:1423] Generating new
fontManager, this may take some time...
/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/transforms/transforms.py:257: UserWarning: Argument
interpolation should be of type InterpolationMode instead of int. Please, use
InterpolationMode enum.
  warnings.warn(
Downloading: "https://download.pytorch.org/models/resnet18-5c106cde.pth" to
/tmp/.cache/torch/hub/checkpoints/resnet18-5c106cde.pth

  0%|          | 0.00/44.7M [00:00<?, ?B/s]
  7%|▋         | 3.27M/44.7M [00:00<00:01, 34.3MB/s]
 15%|█▍        | 6.55M/44.7M [00:00<00:01, 24.6MB/s]
 20%|██        | 9.06M/44.7M [00:00<00:01, 25.2MB/s]
 26%|██▌       | 11.6M/44.7M [00:00<00:01, 25.7MB/s]
 32%|███▏      | 14.1M/44.7M [00:00<00:01, 25.6MB/s]
 38%|███▊      | 16.8M/44.7M [00:00<00:01, 26.3MB/s]
 44%|████▍     | 19.4M/44.7M [00:00<00:00, 26.6MB/s]
 49%|████▉     | 22.0M/44.7M [00:00<00:00, 26.6MB/s]
 55%|█████▌    | 24.6M/44.7M [00:00<00:00, 26.6MB/s]
 61%|██████    | 27.1M/44.7M [00:01<00:00, 26.4MB/s]
 67%|██████▋   | 29.8M/44.7M [00:01<00:00, 26.7MB/s]
 72%|███████▏  | 32.3M/44.7M [00:01<00:00, 25.1MB/s]
 78%|███████▊  | 34.8M/44.7M [00:01<00:00, 25.4MB/s]
 84%|████████▎ | 37.4M/44.7M [00:01<00:00, 26.0MB/s]
 89%|████████▉ | 39.9M/44.7M [00:01<00:00, 25.9MB/s]
 95%|█████████▍| 42.6M/44.7M [00:01<00:00, 26.3MB/s]
100%|██████████| 44.7M/44.7M [00:01<00:00, 26.1MB/s]
2021-03-19:18:57:42,889 INFO
[sequoia/methods/models/baseline_model/base_model.py:148] Moving encoder to device
cuda
2021-03-19:18:57:47,48 WARNING
[sequoia/methods/models/output_heads/output_head.py:137] Upgrading the hparams from
type <class 'sequoia.methods.models.output_heads.output_head.OutputHead.HParams'>
to type <class
'sequoia.methods.models.output_heads.classification_head.ClassificationHead.HParams'>.
 This will try to fetch the values for the missing fields ['hidden_layers',
'hidden_neurons', 'activation', 'dropout_prob'] from the command-line.
2021-03-19:18:57:47,62 WARNING  [sequoia/utils/parseable.py:212] Upgrading the
hparams from type <class
'sequoia.methods.models.output_heads.output_head.OutputHead.HParams'> to type
<class
'sequoia.methods.models.output_heads.classification_head.ClassificationHead.HParams'>.
 This will try to fetch the values for the missing fields ['hidden_layers',
'hidden_neurons', 'activation', 'dropout_prob'] from the command-line.
2021-03-19:18:57:47,70 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name=None, run_id=None, run_number=None,
wandb_path=None, tags=[], notes=None, log_dir_root=PosixPath('results'),
monitor_gym=True, offline=False, anonymous=False, version=None, log_model=False).
wandb: W&B API key is configured (use `wandb login --relogin` to force relogin)
wandb: Appending key for api.wandb.ai to your netrc file: /tmp/.netrc
```

```
2021-03-19:18:57:47,423 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:57:47,423 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:57:47,424 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
2021-03-19:18:57:48,880 INFO     [sequoia/settings/base/bases.py:667] HPO Search
space:
{
        "hparams": {
                "learning_rate": "loguniform(1e-06, 1e-02, default_value=0.001)",
                "weight_decay": "loguniform(1e-12, 1e-03, default_value=1e-06)",
                "optimizer": "choices(['sgd', 'adam', 'rmsprop'],
default_value='adam')",
                "output_head": {
                        "hidden_layers": "uniform(0, 3, discrete=True,
default_value=0)",
                        "hidden_neurons": "uniform(16, 512, discrete=True,
default_value=64)",
                        "activation": "choices(['relu', 'tanh', 'elu', 'gelu',
'relu6'], default_value='tanh')",
                        "dropout_prob": "uniform(0, 0.8, default_value=0.2)"
                }
        },
        "trainer_options": {
                "max_epochs": "uniform(1, 100, discrete=True, default_value=10)"
        }
}
2021-03-19:18:57:48,880 INFO     [sequoia/settings/base/bases.py:670] Will use
database at path 'orion/multi_task_synbols_baseline.pkl'.
2021-03-19:18:57:49,250 INFO     [sequoia/settings/base/bases.py:697] Created new
experiment with name baseline-multi_task_synbols_397c6
2021-03-19:18:57:49,337 INFO     [sequoia/settings/base/bases.py:717] Suggested
values for this run:
{
        "hparams": {
                "learning_rate": 0.0001361,
                "optimizer": "rmsprop",
                "output_head": {
                        "activation": "elu",
                        "dropout_prob": 0.7437,
                        "hidden_layers": 0,
                        "hidden_neurons": 17
                },
                "weight_decay": 1.364e-10
        },
        "trainer_options": {
                "max_epochs": 99
        }
}
2021-03-19:18:57:50,15 INFO
[sequoia/methods/models/baseline_model/base_model.py:148] Moving encoder to device
cuda
2021-03-19:18:57:50,32 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name=None, run_id=None, run_number=None,
wandb_path=None, tags=[], notes=None, log_dir_root=PosixPath('results'),
monitor_gym=True, offline=False, anonymous=False, version=None, log_model=False).
wandb: Currently logged in as: sequoia (use `wandb login --relogin` to force
relogin)
```

```
wandb: Appending key for api.wandb.ai to your netrc file: /tmp/.netrc
2021-03-19:18:57:50,131 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:57:50,131 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:57:50,131 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
2021-03-19:18:57:50,132 INFO     [sequoia/common/config/wandb_config.py:171] Using
wandb. Experiment name: baseline-multi_task-synbols_12t
2021-03-19:18:57:50,133 INFO     [sequoia/common/config/wandb_config.py:177] Wandb
run id: None
2021-03-19:18:57:50,134 INFO     [sequoia/common/config/wandb_config.py:178] Using
wandb. Group name: None run name: baseline-multi_task-synbols_12t, log_dir:
results/synbols_debug/baseline-multi_task-synbols_12t
wandb: Appending key for api.wandb.ai to your netrc file: /tmp/.netrc
Using patched version of `wandb.gym.monitor()`
wandb: Tracking run with wandb version 0.10.22
wandb: Syncing run baseline-multi_task-synbols_12t
wandb: ⭐  View project at https://wandb.ai/sequoia/synbols_debug
wandb: Ω0 View run at https://wandb.ai/sequoia/synbols_debug/runs/30skb4jp
wandb: Run data is saved locally in results/wandb/wandb/run-20210319_185750-
30skb4jp
wandb: Run `wandb offline` to turn off syncing.
2021-03-19:18:57:52,559 INFO     [sequoia/common/config/wandb_config.py:197] Run:
<wandb.sdk.wandb_run.Run object at 0x7fce25c74220>
2021-03-19:18:57:52,591 INFO     [sequoia/settings/assumptions/incremental.py:210]
Starting training on task 0.
data/default_n=100000_2020-Oct-19.h5py found.
Loading hdf5...
Converting json strings to labels...
Done converting.
Done reading hdf5.
Loading hdf5...
Converting json strings to labels...
Done converting.
Done reading hdf5.
Loading hdf5...
Converting json strings to labels...
Done converting.
Done reading hdf5.
/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/continuum/scenarios/class_incremental.py:72: UserWarning: When both
`nb_tasks` (given value = 12) and `increment` (given value = 4 are both set, we
only consider the number of tasks. The `increment` argument is ignored.
  warnings.warn(
2021-03-19:18:58:22,393 INFO
[sequoia/settings/passive/cl/class_incremental_setting.py:433] Number of train
tasks: 12.
2021-03-19:18:58:22,394 INFO
[sequoia/settings/passive/cl/class_incremental_setting.py:434] Number of test
tasks: 12.
/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/measure_performance_wrapper.py:76:
 RuntimeWarning:  [33mYour performance during the first epoch on this environment
will be monitored! Since this env is Passive, i.e. a Supervised Learning
DataLoader, the Rewards (y) will be withheld until actions are passed to the 'send'
method. Make sure that your training loop can handle this small tweak. [0m
  warnings.warn(
2021-03-19:18:58:22,779 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
```

```
project='synbols_debug', group=None, run_name='baseline-multi_task-synbols_12t',
run_id=None, run_number=None, wandb_path=PosixPath('results/wandb'), tags=[],
notes=None, log_dir_root=PosixPath('results'), monitor_gym=True, offline=False,
anonymous=False, version=None, log_model=False).
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
2021-03-19:18:58:22,782 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:58:22,787 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:58:22,787 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/utilities/distributed.py:50: UserWarning: Your
val_dataloader has `shuffle=True`, it is best practice to turn this off for
validation and test dataloaders.
  warnings.warn(*args, **kwargs)
2021-03-19:18:58:24,359 WARNING
[sequoia/settings/passive/passive_environment.py:428] Didn't receive an action,
rewards will be delayed!.

Validation sanity check: 0it [00:00, ?it/s]
Validation sanity check:   0%|          | 0/2 [00:00<?, ?it/s]
Validation sanity check:  50%|█████     | 1/2 [00:00<00:00,  1.12it/s]
Validation sanity check: 100%|██████████| 2/2 [00:01<00:00,  2.27it/s]


Training: 0it [00:00, ?it/s]
Training:   0%|          | 0/1876 [00:00<?, ?it/s]
Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s]
Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s]
2021-03-19:18:58:24,665 ERROR    [sequoia/settings/base/bases.py:730]
 [31mEncountered an error, this trial will be dropped: [0m
2021-03-19:18:58:24,665 ERROR    [sequoia/settings/base/bases.py:731]  [31m--------
-------------------------------------------------- [0m
2021-03-19:18:58:24,668 ERROR    [sequoia/settings/base/bases.py:735]
 [31mTraceback (most recent call last):
  File "/mnt/home/dev/Sequoia/sequoia/settings/base/bases.py", line 727, in
hparam_sweep
    result: Results = setting.apply(self)
  File
"/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/class_incremental_setting.py",
line 398, in apply
    results: ClassIncrementalResults = super().main_loop(method)
  File "/mnt/home/dev/Sequoia/sequoia/settings/assumptions/incremental.py", line
222, in main_loop
    method.fit(
  File "/mnt/home/dev/Sequoia/sequoia/methods/baseline_method.py", line 293, in fit
    success = self.trainer.fit(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 510, in fit
    results = self.accelerator_backend.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 57, in train
    return self.train_or_test()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 74, in train_or_test
    results = self.trainer.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 561, in train
```

```
    self.train_loop.run_training_epoch()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 550, in
run_training_epoch
    batch_output = self.run_training_batch(batch, batch_idx, dataloader_idx)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 718, in
run_training_batch
    self.optimizer_step(optimizer, opt_idx, batch_idx,
train_step_and_backward_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 485, in optimizer_step
    model_ref.optimizer_step(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/lightning.py", line 1298, in optimizer_step
    optimizer.step(closure=optimizer_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 286, in step
    self.__optimizer_step(*args, closure=closure, profiler_name=profiler_name,
**kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 144, in __optimizer_step
    optimizer.step(closure=closure, *args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/optimizer.py", line 89, in wrapper
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/autograd/grad_mode.py", line 27, in decorate_context
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/rmsprop.py", line 67, in step
    loss = closure()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 708, in
train_step_and_backward_closure
    result = self.training_step_and_backward(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 806, in
training_step_and_backward
    result = self.training_step(split_batch, batch_idx, opt_idx, hiddens)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 319, in training_step
    training_step_output = self.trainer.accelerator_backend.training_step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 117, in
training_step
    return self._step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 113, in _step
    output = self.trainer.model(*args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/overrides/data_parallel.py", line 93, in forward
    return self.module.training_step(*inputs[0], **kwargs[0])
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 254, in training_step
    step_result = super().training_step(
```

```
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 313, in training_step
    return self.shared_step(
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 312, in shared_step
    results = super().shared_step(batch, batch_idx, environment, loss_name,
dataloader_idx=dataloader_idx, optimizer_idx=optimizer_idx)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 407, in shared_step
    return super().shared_step(
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 374, in shared_step
    forward_pass: ForwardPass = self(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 208, in forward
    forward_pass = super().forward(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 202, in forward
    task_forward_pass = super().forward(partial_observation)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 167, in forward
    representations = self.encode(observations)
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 208, in encode
    h_x = self.encoder(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 249, in forward
    return self._forward_impl(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 240, in _forward_impl
    x = self.layer4(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/container.py", line 119, in forward
    input = module(input)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 71, in forward
```

```
    out = self.bn1(out)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/batchnorm.py", line 135, in forward
    return F.batch_norm(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2144, in batch_norm
    _verify_batch_size(input.size())
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2111, in _verify_batch_size
    raise ValueError("Expected more than 1 value per channel when training, got
input size {}".format(size))
ValueError: Expected more than 1 value per channel when training, got input size
torch.Size([1, 512, 1, 1])
 [0m
2021-03-19:18:58:24,668 ERROR    [sequoia/settings/base/bases.py:736]  [31m--------
---------------------------------------------------- [0m
2021-03-19:18:58:24,668 ERROR    [sequoia/settings/base/bases.py:738]  [31m(1
failed trials so far).  [0m
2021-03-19:18:58:24,839 INFO     [sequoia/settings/base/bases.py:717] Suggested
values for this run:
{
        "hparams": {
                "learning_rate": 0.0001361,
                "optimizer": "rmsprop",
                "output_head": {
                        "activation": "elu",
                        "dropout_prob": 0.7437,
                        "hidden_layers": 0,
                        "hidden_neurons": 17
                },
                "weight_decay": 1.364e-10
        },
        "trainer_options": {
                "max_epochs": 99
        }
}
2021-03-19:18:58:25,431 INFO
[sequoia/methods/models/baseline_model/base_model.py:148] Moving encoder to device
cuda
2021-03-19:18:58:25,450 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name='baseline-multi_task-synbols_12t',
run_id=None, run_number=None, wandb_path=PosixPath('results/wandb'), tags=[],
notes=None, log_dir_root=PosixPath('results'), monitor_gym=True, offline=False,
anonymous=False, version=None, log_model=False).
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
2021-03-19:18:58:25,452 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:58:25,452 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:58:25,452 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
2021-03-19:18:58:25,453 INFO     [sequoia/common/config/wandb_config.py:171] Using
wandb. Experiment name: baseline-multi_task-synbols_12t
2021-03-19:18:58:25,454 INFO     [sequoia/common/config/wandb_config.py:177] Wandb
run id: None
```

```
2021-03-19:18:58:25,454 INFO     [sequoia/common/config/wandb_config.py:178] Using
wandb. Group name: None run name: baseline-multi_task-synbols_12t, log_dir:
results/synbols_debug/baseline-multi_task-synbols_12t
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
wandb: Waiting for W&B process to finish, PID 32
wandb: Program ended successfully.
wandb: - 0.00MB of 0.00MB uploaded (0.00MB deduped)
wandb:  0.02MB of 0.02MB uploaded (0.00MB deduped)
wandb:
wandb: Find user logs for this run at: results/wandb/wandb/run-20210319_185750-
30skb4jp/logs/debug.log
wandb: Find internal logs for this run at: results/wandb/wandb/run-20210319_185750-
30skb4jp/logs/debug-internal.log
wandb: Run summary:
wandb:   setting multi_task
wandb:    method baseline
wandb: Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other
file(s)
wandb:
wandb: Synced baseline-multi_task-synbols_12t:
https://wandb.ai/sequoia/synbols_debug/runs/30skb4jp
wandb: Tracking run with wandb version 0.10.22
wandb: Syncing run baseline-multi_task-synbols_12t
wandb: ⭐  View project at https://wandb.ai/sequoia/synbols_debug
wandb: Ω0 View run at https://wandb.ai/sequoia/synbols_debug/runs/2ot5bb5i
wandb: Run data is saved locally in results/wandb/wandb/run-20210319_185825-
2ot5bb5i
wandb: Run `wandb offline` to turn off syncing.
2021-03-19:18:58:30,862 INFO     [sequoia/common/config/wandb_config.py:197] Run:
<wandb.sdk.wandb_run.Run object at 0x7fce25c6d8b0>
2021-03-19:18:58:30,890 INFO     [sequoia/settings/assumptions/incremental.py:210]
Starting training on task 0.
/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/measure_performance_wrapper.py:76:
 RuntimeWarning:  [33mYour performance during the first epoch on this environment
will be monitored! Since this env is Passive, i.e. a Supervised Learning
DataLoader, the Rewards (y) will be withheld until actions are passed to the 'send'
method. Make sure that your training loop can handle this small tweak. [0m
  warnings.warn(
2021-03-19:18:58:31,91 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name='baseline-multi_task-synbols_12t',
run_id=None, run_number=None, wandb_path=PosixPath('results/wandb'), tags=[],
notes=None, log_dir_root=PosixPath('results'), monitor_gym=True, offline=False,
anonymous=False, version=None, log_model=False).
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
2021-03-19:18:58:31,95 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:58:31,95 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:58:31,96 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/utilities/distributed.py:50: UserWarning: Your
val_dataloader has `shuffle=True`, it is best practice to turn this off for
validation and test dataloaders.
  warnings.warn(*args, **kwargs)

Validation sanity check: 0it [00:00, ?it/s]
Validation sanity check:   0%|          | 0/2 [00:00<?, ?it/s]
```

```
Validation sanity check:  50%|█████     | 1/2 [00:00<00:00,  1.89it/s]
Validation sanity check: 100%|██████████| 2/2 [00:00<00:00,  3.50it/s]


Training: 0it [00:00, ?it/s]
Training:   0%|          | 0/1876 [00:00<?, ?it/s]
Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s] 2021-03-19:18:58:32,218 WARNING
[sequoia/settings/passive/passive_environment.py:428] Didn't receive an action,
rewards will be delayed!.

Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s]
2021-03-19:18:58:32,603 ERROR    [sequoia/settings/base/bases.py:730]
 [31mEncountered an error, this trial will be dropped: [0m
2021-03-19:18:58:32,603 ERROR    [sequoia/settings/base/bases.py:731]  [31m--------
-------------------------------------------------- [0m
2021-03-19:18:58:32,607 ERROR    [sequoia/settings/base/bases.py:735]
 [31mTraceback (most recent call last):
  File "/mnt/home/dev/Sequoia/sequoia/settings/base/bases.py", line 727, in
hparam_sweep
    result: Results = setting.apply(self)
  File
"/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/class_incremental_setting.py",
line 398, in apply
    results: ClassIncrementalResults = super().main_loop(method)
  File "/mnt/home/dev/Sequoia/sequoia/settings/assumptions/incremental.py", line
222, in main_loop
    method.fit(
  File "/mnt/home/dev/Sequoia/sequoia/methods/baseline_method.py", line 293, in fit
    success = self.trainer.fit(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 510, in fit
    results = self.accelerator_backend.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 57, in train
    return self.train_or_test()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 74, in train_or_test
    results = self.trainer.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 561, in train
    self.train_loop.run_training_epoch()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 550, in
run_training_epoch
    batch_output = self.run_training_batch(batch, batch_idx, dataloader_idx)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 718, in
run_training_batch
    self.optimizer_step(optimizer, opt_idx, batch_idx,
train_step_and_backward_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 485, in optimizer_step
    model_ref.optimizer_step(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/lightning.py", line 1298, in optimizer_step
    optimizer.step(closure=optimizer_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 286, in step
    self.__optimizer_step(*args, closure=closure, profiler_name=profiler_name,
**kwargs)
```

```
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 144, in __optimizer_step
    optimizer.step(closure=closure, *args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/optimizer.py", line 89, in wrapper
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/autograd/grad_mode.py", line 27, in decorate_context
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/rmsprop.py", line 67, in step
    loss = closure()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 708, in
train_step_and_backward_closure
    result = self.training_step_and_backward(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 806, in
training_step_and_backward
    result = self.training_step(split_batch, batch_idx, opt_idx, hiddens)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 319, in training_step
    training_step_output = self.trainer.accelerator_backend.training_step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 117, in
training_step
    return self._step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 113, in _step
    output = self.trainer.model(*args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/overrides/data_parallel.py", line 93, in forward
    return self.module.training_step(*inputs[0], **kwargs[0])
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 254, in training_step
    step_result = super().training_step(
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 313, in training_step
    return self.shared_step(
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 312, in shared_step
    results = super().shared_step(batch, batch_idx, environment, loss_name,
dataloader_idx=dataloader_idx, optimizer_idx=optimizer_idx)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 407, in shared_step
    return super().shared_step(
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 374, in shared_step
    forward_pass: ForwardPass = self(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
```

```
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 208, in forward
    forward_pass = super().forward(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 202, in forward
    task_forward_pass = super().forward(partial_observation)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 167, in forward
    representations = self.encode(observations)
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 208, in encode
    h_x = self.encoder(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 249, in forward
    return self._forward_impl(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 240, in _forward_impl
    x = self.layer4(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/container.py", line 119, in forward
    input = module(input)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 71, in forward
    out = self.bn1(out)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/batchnorm.py", line 135, in forward
    return F.batch_norm(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2144, in batch_norm
    _verify_batch_size(input.size())
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2111, in _verify_batch_size
    raise ValueError("Expected more than 1 value per channel when training, got
input size {}".format(size))
ValueError: Expected more than 1 value per channel when training, got input size
torch.Size([1, 512, 1, 1])
 [0m
2021-03-19:18:58:32,607 ERROR    [sequoia/settings/base/bases.py:736] [31m--------
---------------------------------------------------- [0m
```

```
2021-03-19:18:58:32,607 ERROR    [sequoia/settings/base/bases.py:738]  [31m(2
failed trials so far).  [0m
2021-03-19:18:58:32,780 INFO     [sequoia/settings/base/bases.py:717] Suggested
values for this run:
{
        "hparams": {
                "learning_rate": 0.0001361,
                "optimizer": "rmsprop",
                "output_head": {
                        "activation": "elu",
                        "dropout_prob": 0.7437,
                        "hidden_layers": 0,
                        "hidden_neurons": 17
                },
                "weight_decay": 1.364e-10
        },
        "trainer_options": {
                "max_epochs": 99
        }
}
2021-03-19:18:58:33,384 INFO
[sequoia/methods/models/baseline_model/base_model.py:148] Moving encoder to device
cuda
2021-03-19:18:58:33,403 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name='baseline-multi_task-synbols_12t',
run_id=None, run_number=None, wandb_path=PosixPath('results/wandb'), tags=[],
notes=None, log_dir_root=PosixPath('results'), monitor_gym=True, offline=False,
anonymous=False, version=None, log_model=False).
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
2021-03-19:18:58:33,405 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:58:33,405 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:58:33,406 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
2021-03-19:18:58:33,407 INFO     [sequoia/common/config/wandb_config.py:171] Using
wandb. Experiment name: baseline-multi_task-synbols_12t
2021-03-19:18:58:33,408 INFO     [sequoia/common/config/wandb_config.py:177] Wandb
run id: None
2021-03-19:18:58:33,408 INFO     [sequoia/common/config/wandb_config.py:178] Using
wandb. Group name: None run name: baseline-multi_task-synbols_12t, log_dir:
results/synbols_debug/baseline-multi_task-synbols_12t
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
wandb: Waiting for W&B process to finish, PID 359
wandb: Program ended successfully.
wandb: - 0.00MB of 0.00MB uploaded (0.00MB deduped)
wandb:  0.02MB of 0.02MB uploaded (0.00MB deduped)
wandb:
wandb: Find user logs for this run at: results/wandb/wandb/run-20210319_185825-
2ot5bb5i/logs/debug.log
wandb: Find internal logs for this run at: results/wandb/wandb/run-20210319_185825-
2ot5bb5i/logs/debug-internal.log
wandb: Run summary:
wandb:   setting multi_task
wandb:    method baseline
wandb: Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other
file(s)
wandb:
```

```
wandb: Synced baseline-multi_task-synbols_12t:
https://wandb.ai/sequoia/synbols_debug/runs/2ot5bb5i
wandb: Tracking run with wandb version 0.10.22
wandb: Syncing run baseline-multi_task-synbols_12t
wandb: ⭐ View project at https://wandb.ai/sequoia/synbols_debug
wandb: Ω0 View run at https://wandb.ai/sequoia/synbols_debug/runs/1tgeslnr
wandb: Run data is saved locally in results/wandb/wandb/run-20210319_185833-
1tgeslnr
wandb: Run `wandb offline` to turn off syncing.
2021-03-19:18:58:39,479 INFO     [sequoia/common/config/wandb_config.py:197] Run:
<wandb.sdk.wandb_run.Run object at 0x7fce25d64dc0>
2021-03-19:18:58:39,507 INFO     [sequoia/settings/assumptions/incremental.py:210]
Starting training on task 0.
/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/measure_performance_wrapper.py:76:
 RuntimeWarning:  [33mYour performance during the first epoch on this environment
will be monitored! Since this env is Passive, i.e. a Supervised Learning
DataLoader, the Rewards (y) will be withheld until actions are passed to the 'send'
method. Make sure that your training loop can handle this small tweak. [0m
  warnings.warn(
2021-03-19:18:58:39,707 INFO     [sequoia/common/config/wandb_config.py:209]
Creating a WandbLogger with using options WandbConfig(entity='',
project='synbols_debug', group=None, run_name='baseline-multi_task-synbols_12t',
run_id=None, run_number=None, wandb_path=PosixPath('results/wandb'), tags=[],
notes=None, log_dir_root=PosixPath('results'), monitor_gym=True, offline=False,
anonymous=False, version=None, log_model=False).
wandb: WARNING Calling wandb.login() after wandb.init() has no effect.
2021-03-19:18:58:39,710 INFO     [pytorch_lightning.utilities.distributed:54] GPU
available: True, used: True
2021-03-19:18:58:39,710 INFO     [pytorch_lightning.utilities.distributed:54] TPU
available: None, using: 0 TPU cores
2021-03-19:18:58:39,711 INFO
[pytorch_lightning.accelerators.accelerator_connector:396] LOCAL_RANK: 0 -
CUDA_VISIBLE_DEVICES: [0]
/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/utilities/distributed.py:50: UserWarning: Your
val_dataloader has `shuffle=True`, it is best practice to turn this off for
validation and test dataloaders.
  warnings.warn(*args, **kwargs)

Validation sanity check: 0it [00:00, ?it/s]
Validation sanity check:   0%|          | 0/2 [00:00<?, ?it/s]
Validation sanity check:  50%|█████     | 1/2 [00:00<00:00,  1.88it/s]
Validation sanity check: 100%|██████████| 2/2 [00:00<00:00,  3.34it/s]


Training: 0it [00:00, ?it/s]
Training:   0%|          | 0/1876 [00:00<?, ?it/s]
Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s] 2021-03-19:18:58:40,867 WARNING
[sequoia/settings/passive/passive_environment.py:428] Didn't receive an action,
rewards will be delayed!.

Epoch 0:   0%|          | 0/1876 [00:00<?, ?it/s]
2021-03-19:18:58:41,322 ERROR    [sequoia/settings/base/bases.py:730]
 [31mEncountered an error, this trial will be dropped: [0m
2021-03-19:18:58:41,322 ERROR    [sequoia/settings/base/bases.py:731]  [31m--------
-------------------------------------------------- [0m
2021-03-19:18:58:41,325 ERROR    [sequoia/settings/base/bases.py:735]
 [31mTraceback (most recent call last):
```

```
  File "/mnt/home/dev/Sequoia/sequoia/settings/base/bases.py", line 727, in
hparam_sweep
    result: Results = setting.apply(self)
  File
"/mnt/home/dev/Sequoia/sequoia/settings/passive/cl/class_incremental_setting.py",
line 398, in apply
    results: ClassIncrementalResults = super().main_loop(method)
  File "/mnt/home/dev/Sequoia/sequoia/settings/assumptions/incremental.py", line
222, in main_loop
    method.fit(
  File "/mnt/home/dev/Sequoia/sequoia/methods/baseline_method.py", line 293, in fit
    success = self.trainer.fit(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 510, in fit
    results = self.accelerator_backend.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 57, in train
    return self.train_or_test()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/accelerator.py", line 74, in train_or_test
    results = self.trainer.train()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/trainer.py", line 561, in train
    self.train_loop.run_training_epoch()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 550, in
run_training_epoch
    batch_output = self.run_training_batch(batch, batch_idx, dataloader_idx)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 718, in
run_training_batch
    self.optimizer_step(optimizer, opt_idx, batch_idx,
train_step_and_backward_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 485, in optimizer_step
    model_ref.optimizer_step(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/lightning.py", line 1298, in optimizer_step
    optimizer.step(closure=optimizer_closure)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 286, in step
    self.__optimizer_step(*args, closure=closure, profiler_name=profiler_name,
**kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/optimizer.py", line 144, in __optimizer_step
    optimizer.step(closure=closure, *args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/optimizer.py", line 89, in wrapper
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/autograd/grad_mode.py", line 27, in decorate_context
    return func(*args, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/optim/rmsprop.py", line 67, in step
    loss = closure()
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 708, in
train_step_and_backward_closure
    result = self.training_step_and_backward(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 806, in
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```
training_step_and_backward
    result = self.training_step(split_batch, batch_idx, opt_idx, hiddens)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/trainer/training_loop.py", line 319, in training_step
    training_step_output = self.trainer.accelerator_backend.training_step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 117, in
training_step
    return self._step(args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/accelerators/dp_accelerator.py", line 113, in _step
    output = self.trainer.model(*args)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/overrides/data_parallel.py", line 93, in forward
    return self.module.training_step(*inputs[0], **kwargs[0])
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 254, in training_step
    step_result = super().training_step(
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 313, in training_step
    return self.shared_step(
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 312, in shared_step
    results = super().shared_step(batch, batch_idx, environment, loss_name,
dataloader_idx=dataloader_idx, optimizer_idx=optimizer_idx)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 407, in shared_step
    return super().shared_step(
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 374, in shared_step
    forward_pass: ForwardPass = self(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/baseline_model.py",
line 208, in forward
    forward_pass = super().forward(observations)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File
"/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/multihead_model.py",
line 202, in forward
    task_forward_pass = super().forward(partial_observation)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/pytorch_lightning/core/decorators.py", line 64, in auto_transfer_args
    return fn(self, *args, **kwargs)
  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 167, in forward
    representations = self.encode(observations)
```

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  File "/mnt/home/dev/Sequoia/sequoia/methods/models/baseline_model/base_model.py",
line 208, in encode
    h_x = self.encoder(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 249, in forward
    return self._forward_impl(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 240, in _forward_impl
    x = self.layer4(x)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/container.py", line 119, in forward
    input = module(input)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torchvision/models/resnet.py", line 71, in forward
    out = self.bn1(out)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/module.py", line 889, in _call_impl
    result = self.forward(*input, **kwargs)
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/modules/batchnorm.py", line 135, in forward
    return F.batch_norm(
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2144, in batch_norm
    _verify_batch_size(input.size())
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/site-
packages/torch/nn/functional.py", line 2111, in _verify_batch_size
    raise ValueError("Expected more than 1 value per channel when training, got
input size {}".format(size))
ValueError: Expected more than 1 value per channel when training, got input size
torch.Size([1, 512, 1, 1])
 [0m
2021-03-19:18:58:41,325 ERROR    [sequoia/settings/base/bases.py:736]  [31m--------
---------------------------------------------------- [0m
2021-03-19:18:58:41,326 ERROR    [sequoia/settings/base/bases.py:738]  [31m(3
failed trials so far).  [0m
2021-03-19:18:58:41,469 INFO     [sequoia/settings/base/bases.py:758] Experiment
statistics:
2021-03-19:18:58:41,469 INFO     [sequoia/settings/base/bases.py:762] Number of
previous trials: 0
2021-03-19:18:58:41,470 INFO     [sequoia/settings/base/bases.py:763] Trials
successfully completed by this worker: 0
2021-03-19:18:58:41,470 INFO     [sequoia/settings/base/bases.py:764] Failed Trials
attempted by this worker: 3
Traceback (most recent call last):
  File "/mnt/home/.conda/envs/sequoia/bin/sequoia_sweep", line 33, in <module>
    sys.exit(load_entry_point('sequoia', 'console_scripts', 'sequoia_sweep')())
  File "/mnt/home/dev/Sequoia/sequoia/experiments/hpo_sweep.py", line 129, in main
    return HPOSweep.main()
  File "/mnt/home/dev/Sequoia/sequoia/experiments/hpo_sweep.py", line 125, in main
    return experiment.launch(argv, strict_args=strict_args)
  File "/mnt/home/dev/Sequoia/sequoia/experiments/hpo_sweep.py", line 72, in launch
```

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    best_params, best_objective = self.method.hparam_sweep(
  File "/mnt/home/dev/Sequoia/sequoia/methods/baseline_method.py", line 460, in
hparam_sweep
    return super().hparam_sweep(
Exception in threading.excepthook:
Traceback (most recent call last):
  File "/mnt/home/.conda/envs/sequoia/lib/python3.8/threading.py", line 1202, in
invoke_excepthook
    hook(args)
ValueError: I/O operation on closed file.
wandb: Waiting for W&B process to finish, PID 429
wandb: Program failed with code 1.  Press ctrl-c to abort syncing.
wandb: - 0.00MB of 0.00MB uploaded (0.00MB deduped)
wandb:  0.02MB of 0.02MB uploaded (0.00MB deduped)
wandb:
wandb: Find user logs for this run at: results/wandb/wandb/run-20210319_185833-
1tgeslnr/logs/debug.log
wandb: Find internal logs for this run at: results/wandb/wandb/run-20210319_185833-
1tgeslnr/logs/debug-internal.log
wandb: Run summary:
wandb:   setting multi_task
wandb:    method baseline
wandb: Synced 5 W&B file(s), 0 media file(s), 0 artifact file(s) and 0 other
file(s)
wandb:
wandb: Synced baseline-multi_task-synbols_12t:
https://wandb.ai/sequoia/synbols_debug/runs/1tgeslnr
```