

```
In [1]: pip install tensorflow-gpu
```

```
Collecting tensorflow-gpuNote: you may need to restart the kernel to use updated packages.
  Downloading tensorflow_gpu-2.8.0-cp38-cp38-win_amd64.whl (438.0 MB)
Collecting absl-py>=0.4.0
  Downloading absl_py-1.0.0-py3-none-any.whl (126 kB)
Collecting flatbuffers>=1.12
  Downloading flatbuffers-2.0-py2.py3-none-any.whl (26 kB)
Requirement already satisfied: typing-extensions>=3.6.6 in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (3.7.4.3)
Collecting libclang>=9.0.1
  Downloading libclang-14.0.1-py2.py3-none-win_amd64.whl (14.2 MB)
Requirement already satisfied: wrapt>=1.11.0 in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (1.12.1)
Collecting keras-preprocessing>=1.1.1
  Using cached Keras_Preprocessing-1.1.2-py2.py3-none-any.whl (42 kB)
Collecting tensorflow-io-gcs-filesystem>=0.23.1
  Downloading tensorflow_io_gcs_filesystem-0.25.0-cp38-cp38-win_amd64.whl (1.5 MB)

Collecting gast>=0.2.1
  Downloading gast-0.5.3-py3-none-any.whl (19 kB)
Collecting opt-einsum>=2.3.2
  Using cached opt_einsum-3.3.0-py3-none-any.whl (65 kB)
Collecting protobuf>=3.9.2
  Downloading protobuf-3.20.1-cp38-cp38-win_amd64.whl (904 kB)
Collecting google-pasta>=0.1.1
  Using cached google_pasta-0.2.0-py3-none-any.whl (57 kB)
Requirement already satisfied: h5py>=2.9.0 in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (2.10.0)
Requirement already satisfied: numpy>=1.20 in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (1.20.1)
Requirement already satisfied: six>=1.12.0 in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (1.15.0)
Collecting keras<2.9,>=2.8.0rc0
  Downloading keras-2.8.0-py2.py3-none-any.whl (1.4 MB)
Collecting tf-estimator-nightly==2.8.0.dev2021122109
  Downloading tf_estimator_nightly-2.8.0.dev2021122109-py2.py3-none-any.whl (462 kB)
Collecting grpcio<2.0,>=1.24.3
  Downloading grpcio-1.46.1-cp38-cp38-win_amd64.whl (3.5 MB)
Collecting astunparse>=1.6.0
  Using cached astunparse-1.6.3-py2.py3-none-any.whl (12 kB)
Requirement already satisfied: setuptools in c:\programdata\anaconda3\lib\site-packages (from tensorflow-gpu) (52.0.0.post20210125)
Collecting tensorboard<2.9,>=2.8
  Downloading tensorboard-2.8.0-py3-none-any.whl (5.8 MB)
Collecting termcolor>=1.1.0
  Using cached termcolor-1.1.0.tar.gz (3.9 kB)
Requirement already satisfied: wheel<1.0,>=0.23.0 in c:\programdata\anaconda3\lib\site-packages (from astunparse>=1.6.0->tensorflow-gpu) (0.36.2)
Collecting tensorboard-plugin-wit>=1.6.0
  Downloading tensorboard_plugin_wit-1.8.1-py3-none-any.whl (781 kB)
Collecting markdown>=2.6.8
  Downloading Markdown-3.3.7-py3-none-any.whl (97 kB)
Collecting google-auth<3,>=1.6.3
  Downloading google_auth-2.6.6-py2.py3-none-any.whl (156 kB)
Requirement already satisfied: requests<3,>=2.21.0 in c:\programdata\anaconda3\lib\site-packages (from tensorboard<2.9,>=2.8->tensorflow-gpu) (2.25.1)
Collecting tensorboard-data-server<0.7.0,>=0.6.0
  Using cached tensorboard_data_server-0.6.1-py3-none-any.whl (2.4 kB)
Collecting google-auth-oauthlib<0.5,>=0.4.1
  Using cached google_auth_oauthlib-0.4.6-py2.py3-none-any.whl (18 kB)
Requirement already satisfied: werkzeug>=0.11.15 in c:\programdata\anaconda3\lib\site-packages (from tensorboard<2.9,>=2.8->tensorflow-gpu) (1.0.1)
Collecting rsa<5,>=3.1.4
  Downloading rsa-4.8-py3-none-any.whl (39 kB)
Collecting cachetools<6.0,>=2.0.0
  Downloading cachetools-5.0.0-py3-none-any.whl (9.1 kB)
Collecting pyasn1-modules>=0.2.1
  Using cached pyasn1_modules-0.2.8-py2.py3-none-any.whl (155 kB)
Collecting requests-oauthlib>=0.7.0
  Downloading requests_oauthlib-1.3.1-py2.py3-none-any.whl (23 kB)
Collecting importlib-metadata>=4.4
  Downloading importlib_metadata-4.11.3-py3-none-any.whl (18 kB)
Requirement already satisfied: zipp>=0.5 in c:\programdata\anaconda3\lib\site-packages (from importlib-metadata>=4.4->markdown>=2.6.8->tensorboard<2.9,>=2.8->tensorflow-gpu) (3.4.1)
Collecting pyasn1<0.5.0,>=0.4.6
  Using cached pyasn1-0.4.8-py2.py3-none-any.whl (77 kB)
Requirement already satisfied: chardet<5,>=3.0.2 in c:\programdata\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.9,>=2.8->tensorflow-gpu) (4.0.0)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\programdata\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.9,>=2.8->tensorflow-gpu) (1.26.4)
Requirement already satisfied: certifi>=2017.4.17 in c:\programdata\anaconda3\lib\site-packages (from requests<3,
```

```

>=2.21.0->tensorboard<2.9,>=2.8->tensorflow-gpu) (2020.12.5)
Requirement already satisfied: idna<3,>=2.5 in c:\programdata\anaconda3\lib\site-packages (from requests<3,>=2.21.0->tensorboard<2.9,>=2.8->tensorflow-gpu) (2.10)
Collecting oauthlib>=3.0.0
  Downloading oauthlib-3.2.0-py3-none-any.whl (151 kB)
Building wheels for collected packages: termcolor
  Building wheel for termcolor (setup.py): started
  Building wheel for termcolor (setup.py): finished with status 'done'
  Created wheel for termcolor: filename=termcolor-1.1.0-py3-none-any.whl size=4829 sha256=3dd1cd57fb3ab22d14ef391d417ecc51d35a0f7f28cde08251ba7c108cdcaf91
  Stored in directory: c:\users\computing\appdata\local\pip\cache\wheels\16\9c\5473df82468f958445479c59e784896fa24f4a5fc024b0f501
Successfully built termcolor
Installing collected packages: pyasn1, rsa, pyasn1-modules, oauthlib, cachetools, requests-oauthlib, importlib-metadata, google-auth, tensorboard-plugin-wit, tensorboard-data-server, protobuf, markdown, grpcio, google-auth-oauthlib, absl-py, tf-estimator-nightly, termcolor, tensorflow-io-gcs-filesystem, tensorboard, opt-einsum, libclang, keras-preprocessing, keras, google-pasta, gast, flatbuffers, astunparse, tensorflow-gpu
  Attempting uninstall: importlib-metadata
    Found existing installation: importlib-metadata 3.10.0
    Uninstalling importlib-metadata-3.10.0:
      Successfully uninstalled importlib-metadata-3.10.0
Successfully installed absl-py-1.0.0 astunparse-1.6.3 cachetools-5.0.0 flatbuffers-2.0 gast-0.5.3 google-auth-2.6.6 google-auth-oauthlib-0.4.6 google-pasta-0.2.0 grpcio-1.46.1 importlib-metadata-4.11.3 keras-2.8.0 keras-preprocessing-1.1.2 libclang-14.0.1 markdown-3.3.7 oauthlib-3.2.0 opt-einsum-3.3.0 protobuf-3.20.1 pyasn1-0.4.8 pyasn1-modules-0.2.8 requests-oauthlib-1.3.1 rsa-4.8 tensorboard-2.8.0 tensorboard-data-server-0.6.1 tensorboard-plugin-wit-1.8.1 tensorflow-gpu-2.8.0 tensorflow-io-gcs-filesystem-0.25.0 termcolor-1.1.0 tf-estimator-nightly-2.8.0.dev2021122109

```

Mario game setup

In [2]: `!pip install gym_super_mario_bros==7.3.0 nes_py`

```

Collecting gym_super_mario_bros==7.3.0
  Downloading gym_super_mario_bros-7.3.0-py2.py3-none-any.whl (198 kB)
Collecting nes_py
  Downloading nes_py-8.1.8.tar.gz (76 kB)
Collecting gym>=0.17.2
  Downloading gym-0.23.1.tar.gz (626 kB)
  Installing build dependencies: started
  Installing build dependencies: finished with status 'done'
  Getting requirements to build wheel: started
  Getting requirements to build wheel: finished with status 'done'
  Preparing wheel metadata: started
  Preparing wheel metadata: finished with status 'done'
Requirement already satisfied: numpy>=1.18.5 in c:\programdata\anaconda3\lib\site-packages (from nes_py) (1.20.1)
Collecting pygame<=1.5.11,>=1.4.0
  Downloading pygame-1.5.11-py3-none-any.whl (1.1 MB)
Requirement already satisfied: tqdm>=4.48.2 in c:\programdata\anaconda3\lib\site-packages (from nes_py) (4.59.0)
Requirement already satisfied: cloudpickle>=1.2.0 in c:\programdata\anaconda3\lib\site-packages (from gym>=0.17.2->nes_py) (1.6.0)
Collecting gym-notices>=0.0.4
  Downloading gym_notices-0.0.6-py3-none-any.whl (2.7 kB)
Requirement already satisfied: importlib-metadata>=4.10.0 in c:\programdata\anaconda3\lib\site-packages (from gym>=0.17.2->nes_py) (4.11.3)
Requirement already satisfied: zipp>=0.5 in c:\programdata\anaconda3\lib\site-packages (from importlib-metadata>=4.10.0->gym>=0.17.2->nes_py) (3.4.1)
Building wheels for collected packages: nes-py, gym
  Building wheel for nes-py (setup.py): started
  Building wheel for nes-py (setup.py): finished with status 'done'
  Created wheel for nes-py: filename=nes_py-8.1.8-cp38-cp38-win_amd64.whl size=48004 sha256=ae8f846c1642221c78c820413b60c470173d29651173238d52a53b1686c4bfdc
  Stored in directory: c:\users\computing\appdata\local\pip\cache\wheels\8d\6e\113c979eba40def28ee9b3c81a4adec00386106d81fb3bc2c2
  Building wheel for gym (PEP 517): started
  Building wheel for gym (PEP 517): finished with status 'done'
  Created wheel for gym: filename=gym-0.23.1-py3-none-any.whl size=701357 sha256=acaa1749c0b20b2e51ebd21a373ba9a89073918d5b39afbe0e78b71eb42e9937
  Stored in directory: c:\users\computing\appdata\local\pip\cache\wheels\78\28\77\b0c74e80a2a4faae0161d5c53bc4f8e436e77aadc79136ee13
Successfully built nes-py gym
Installing collected packages: gym-notices, pygame, gym, nes-py, gym-super-mario-bros
Successfully installed gym-0.23.1 gym-notices-0.0.6 gym-super-mario-bros-7.3.0 nes-py-8.1.8 pygame-1.5.11

```

In [3]: `# Importing the game
import gym_super_mario_bros
Importing the Joypad wrapper
from nes_py.wrappers import JoypadSpace`

```
# Importing the SIMPLIFIED controls
from gym_super_mario_bros.actions import SIMPLE_MOVEMENT
```

In [4]:

```
# Setup game
env = gym_super_mario_bros.make('SuperMarioBros-v0')
env = JoypadSpace(env, SIMPLE_MOVEMENT)
```

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\ipkernel.py:287: DeprecationWarning: `should_run_async` will not call `transform_cell` automatically in the future. Please pass the result to `transformed_cell` argument and any exception that happen during the transform in `preprocessing_exc_tuple` in IPython 7.17 and above.

and should_run_async(code)

C:\ProgramData\Anaconda3\lib\site-packages\gym\envs\registration.py:505: UserWarning: WARN: The environment SuperMarioBros-v0 is out of date. You should consider upgrading to version `v3` with the environment ID `SuperMarioBros-v3`.

logger.warn(

Preprocessing the environment

In [5]:

```
# Installing pytorch
!pip install torch==1.10.1+cu113 torchvision==0.11.2+cu113 torchaudio==0.10.1+cu113 -f https://download.pytorch.
```

Looking in links: https://download.pytorch.org/whl/cu113/torch_stable.html

Collecting torch==1.10.1+cu113

Downloading https://download.pytorch.org/whl/cu113/torch-1.10.1%2Bcu113-cp38-cp38-win_amd64.whl (2442.4 MB)

Collecting torchvision==0.11.2+cu113

Downloading https://download.pytorch.org/whl/cu113/torchvision-0.11.2%2Bcu113-cp38-cp38-win_amd64.whl (3.2 MB)

Collecting torchaudio==0.10.1+cu113

Downloading https://download.pytorch.org/whl/cu113/torchaudio-0.10.1%2Bcu113-cp38-cp38-win_amd64.whl (336 kB)

Requirement already satisfied: typing-extensions in c:\programdata\anaconda3\lib\site-packages (from torch==1.10.1+cu113) (3.7.4.3)

Requirement already satisfied: pillow!=8.3.0,>=5.3.0 in c:\programdata\anaconda3\lib\site-packages (from torchvision==0.11.2+cu113) (8.2.0)

Requirement already satisfied: numpy in c:\programdata\anaconda3\lib\site-packages (from torchvision==0.11.2+cu113) (1.20.1)

Installing collected packages: torch, torchvision, torchaudio

Attempting uninstall: torch

Found existing installation: torch 1.9.1

Uninstalling torch-1.9.1:

Successfully uninstalled torch-1.9.1

Attempting uninstall: torchvision

Found existing installation: torchvision 0.10.1

Uninstalling torchvision-0.10.1:

Successfully uninstalled torchvision-0.10.1

Attempting uninstall: torchaudio

Found existing installation: torchaudio 0.9.1

Uninstalling torchaudio-0.9.1:

Successfully uninstalled torchaudio-0.9.1

Successfully installed torch-1.10.1+cu113 torchaudio-0.10.1+cu113 torchvision-0.11.2+cu113

In [6]:

```
# Installing the stable baselines for Reinforcement Learning stuff
!pip install stable-baselines3[extra]
```

Collecting stable-baselines3[extra]

Downloading [stable_baselines3-1.5.0-py3-none-any.whl](#) (177 kB)

Requirement already satisfied: cloudpickle in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (1.6.0)

Requirement already satisfied: matplotlib in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (3.3.4)

Requirement already satisfied: pandas in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (1.2.4)

Requirement already satisfied: torch>=1.8.1 in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (1.10.1+cu113)

Requirement already satisfied: numpy in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (1.20.1)

Collecting gym==0.21

Downloading [gym-0.21.0.tar.gz](#) (1.5 MB)

Collecting ale-py==0.7.4

Downloading [ale_py-0.7.5-cp38-cp38-win_amd64.whl](#) (935 kB)

Collecting opencv-python

Downloading [opencv_python-4.5.5.64-cp36-abi3-win_amd64.whl](#) (35.4 MB)

Requirement already satisfied: pillow in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (8.2.0)

Requirement already satisfied: tensorboard>=2.2.0 in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (2.8.0)

Requirement already satisfied: psutil in c:\programdata\anaconda3\lib\site-packages (from stable-baselines3[extra]) (5.8.0)

Collecting autorom[accept-rom-license]~=0.4.2
Downloading AutoROM-0.4.2-py3-none-any.whl (16 kB)
Requirement already satisfied: importlib-metadata>=4.10.0 in c:\programdata\anaconda3\lib\site-packages (from ale-py~=0.7.4->stable-baselines3[extra]) (4.11.3)
Collecting importlib-resources
Downloading importlib_resources-5.7.1-py3-none-any.whl (28 kB)
Requirement already satisfied: click in c:\programdata\anaconda3\lib\site-packages (from autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (7.1.2)
Requirement already satisfied: tqdm in c:\programdata\anaconda3\lib\site-packages (from autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (4.59.0)
Requirement already satisfied: requests in c:\programdata\anaconda3\lib\site-packages (from autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (2.25.1)
Collecting AutoROM.accept-rom-license
Downloading AutoROM.accept-rom-license-0.4.2.tar.gz (9.8 kB)
Installing build dependencies: started
Installing build dependencies: finished with status 'done'
Getting requirements to build wheel: started
Getting requirements to build wheel: finished with status 'done'
Preparing wheel metadata: started
Preparing wheel metadata: finished with status 'done'
Requirement already satisfied: zipp>=0.5 in c:\programdata\anaconda3\lib\site-packages (from importlib-metadata>=4.10.0->ale-py~=0.7.4->stable-baselines3[extra]) (3.4.1)
Requirement already satisfied: google-auth-oauthlib<0.5,>=0.4.1 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (0.4.6)
Requirement already satisfied: absl-py>=0.4 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (1.0.0)
Requirement already satisfied: wheel>=0.26 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (0.36.2)
Requirement already satisfied: google-auth<3,>=1.6.3 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (2.6.6)
Requirement already satisfied: tensorboard-plugin-wit>=1.6.0 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (1.8.1)
Requirement already satisfied: protobuf>=3.6.0 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (3.20.1)
Requirement already satisfied: grpcio>=1.24.3 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (1.46.1)
Requirement already satisfied: setuptools>=41.0.0 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (52.0.0.post20210125)
Requirement already satisfied: markdown>=2.6.8 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (3.3.7)
Requirement already satisfied: werkzeug>=0.11.15 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (1.0.1)
Requirement already satisfied: tensorboard-data-server<0.7.0,>=0.6.0 in c:\programdata\anaconda3\lib\site-packages (from tensorboard>=2.2.0->stable-baselines3[extra]) (0.6.1)
Requirement already satisfied: six in c:\programdata\anaconda3\lib\site-packages (from absl-py>=0.4->tensorboard>=2.2.0->stable-baselines3[extra]) (1.15.0)
Requirement already satisfied: cachetools<6.0,>=2.0.0 in c:\programdata\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard>=2.2.0->stable-baselines3[extra]) (5.0.0)
Requirement already satisfied: pyasn1-modules>=0.2.1 in c:\programdata\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard>=2.2.0->stable-baselines3[extra]) (0.2.8)
Requirement already satisfied: rsa<5,>=3.1.4 in c:\programdata\anaconda3\lib\site-packages (from google-auth<3,>=1.6.3->tensorboard>=2.2.0->stable-baselines3[extra]) (4.8)
Requirement already satisfied: requests-oauthlib>=0.7.0 in c:\programdata\anaconda3\lib\site-packages (from google-auth-oauthlib<0.5,>=0.4.1->tensorboard>=2.2.0->stable-baselines3[extra]) (1.3.1)
Requirement already satisfied: pyasn1<0.5.0,>=0.4.6 in c:\programdata\anaconda3\lib\site-packages (from pyasn1-modules>=0.2.1->google-auth<3,>=1.6.3->tensorboard>=2.2.0->stable-baselines3[extra]) (0.4.8)
Requirement already satisfied: idna<3,>=2.5 in c:\programdata\anaconda3\lib\site-packages (from requests->autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (2.10)
Requirement already satisfied: urllib3<1.27,>=1.21.1 in c:\programdata\anaconda3\lib\site-packages (from requests->autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (1.26.4)
Requirement already satisfied: chardet<5,>=3.0.2 in c:\programdata\anaconda3\lib\site-packages (from requests->autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (4.0.0)
Requirement already satisfied: certifi>=2017.4.17 in c:\programdata\anaconda3\lib\site-packages (from requests->autorom[accept-rom-license]~=0.4.2->stable-baselines3[extra]) (2020.12.5)
Requirement already satisfied: oauthlib>=3.0.0 in c:\programdata\anaconda3\lib\site-packages (from requests-oauthlib>=0.7.0->google-auth-oauthlib<0.5,>=0.4.1->tensorboard>=2.2.0->stable-baselines3[extra]) (3.2.0)
Requirement already satisfied: typing-extensions in c:\programdata\anaconda3\lib\site-packages (from torch>=1.8.1->stable-baselines3[extra]) (3.7.4.3)
Requirement already satisfied: python-dateutil>=2.1 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->stable-baselines3[extra]) (2.8.1)
Requirement already satisfied: pyparsing!=2.0.4,!2.1.2,!2.1.6,>=2.0.3 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->stable-baselines3[extra]) (2.4.7)
Requirement already satisfied: cycler>=0.10 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->stable-baselines3[extra]) (0.10.0)
Requirement already satisfied: kiwisolver>=1.0.1 in c:\programdata\anaconda3\lib\site-packages (from matplotlib->stable-baselines3[extra]) (1.3.1)
Requirement already satisfied: pytz>=2017.3 in c:\programdata\anaconda3\lib\site-packages (from pandas->stable-baselines3[extra]) (2021.1)
Building wheels for collected packages: gym, AutoROM.accept-rom-license
Building wheel for gym (setup.py): started
Building wheel for gym (setup.py): finished with status 'done'
Created wheel for gym: filename=gym-0.21.0-py3-none-any.whl size=1616826 sha256=a8af3c5fd2257b7b339f7a8a7b8438b9b3727e9f4e9f1c2e8b71dd9290c7308c

```
Stored in directory: c:\users\computing\appdata\local\pip\cache\wheels\27\6d\b3\3a3a6e10704795c9b9000f1ab2dc480dfe7bed42f5972806e73
Building wheel for AutoROM.accept-rom-license (PEP 517): started
Building wheel for AutoROM.accept-rom-license (PEP 517): finished with status 'done'
Created wheel for AutoROM.accept-rom-license: filename=AutoROM.accept_rom_license-0.4.2-py3-none-any.whl size=446447 sha256=15c7594474269e5573dd2ca4a2990254874cecd00c7d40f1465c47a1056b0bbd
Stored in directory: c:\users\computing\appdata\local\pip\cache\wheels\51\08\c5\28b973078691a3f8baf99fcaec1ed8f0e05ef6e54d2390212c
Successfully built gym AutoROM.accept-rom-license
Installing collected packages: importlib-resources, gym, AutoROM.accept-rom-license, autorom, stable-baselines3, opencv-python, ale-py
  Attempting uninstall: gym
    Found existing installation: gym 0.23.1
    Uninstalling gym-0.23.1:
      Successfully uninstalled gym-0.23.1
Successfully installed AutoROM.accept-rom-license-0.4.2 ale-py-0.7.5 autorom-0.4.2 gym-0.21.0 importlib-resources-5.7.1 opencv-python-4.5.5.64 stable-baselines3-1.5.0
```

```
In [7]: # Importing the Frame Stacker Wrapper and GrayScaling Wrapper
from gym.wrappers import GrayScaleObservation
# Importing the Vectorization Wrappers
from stable_baselines3.common.vec_env import VecFrameStack, DummyVecEnv
# Importing the Matplotlib to show the impact of frame stacking
from matplotlib import pyplot as plt
```

Train the Reinforcement Learning model

```
In [8]: # Import os for file path management
import os
# Import PPO for algos
from stable_baselines3 import PPO
# Import Base Callback for saving models
from stable_baselines3.common.callbacks import BaseCallback
```

```
C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\ipkernel.py:287: DeprecationWarning: `should_run_async` will not call `transform_cell` automatically in the future. Please pass the result to `transformed_cell` argument and any exception that happen during the transform in `preprocessing_exc_tuple` in IPython 7.17 and above.
  and should_run_async(code)
```

```
In [9]: class TrainAndLoggingCallback(BaseCallback):

    def __init__(self, check_freq, save_path, verbose=1):
        super(TrainAndLoggingCallback, self).__init__(verbose)
        self.check_freq = check_freq
        self.save_path = save_path

    def init_callback(self):
        if self.save_path is not None:
            os.makedirs(self.save_path, exist_ok=True)

    def on_step(self):
        if self.n_calls % self.check_freq == 0:
            model_path = os.path.join(self.save_path, 'best_model_{}'.format(self.n_calls))
            self.model.save(model_path)

        return True
```

```
In [10]: CHECKPOINT_DIRECTORY = './training/'
LOG_DIRECTORY = './logs/'
```

```
In [11]: # Setup the model saving callback
callback = TrainAndLoggingCallback(check_freq=10000, save_path=CHECKPOINT_DIRECTORY)
```

```
In [12]: # AI model started
model = PPO('CnnPolicy', env, verbose=1, tensorboard_log=LOG_DIRECTORY, learning_rate=0.000001,
            n_steps=512)
```

```
Using cuda device
Wrapping the env with a `Monitor` wrapper
Wrapping the env in a DummyVecEnv.
Wrapping the env in a VecTransposeImage.
```

```
In [13]: # Train the AI model, now AI model starts learning
model.learn(total_timesteps=1000000, callback=callback)
```

Logging to ./logs/PP0_1

```
C:\ProgramData\Anaconda3\lib\site-packages\gym_super_mario_bros\smb_env.py:148: RuntimeWarning: overflow encountered in ubyte_scalars
return (self.ram[0x86] - self.ram[0x071c]) % 256
```

```
-----
| time/          |      |
|   fps          | 65   |
| iterations     | 1    |
| time_elapsed   | 7    |
| total_timesteps | 512  |
|-----|
```

```
-----
| time/          |      |
|   fps          | 83   |
| iterations     | 2    |
| time_elapsed   | 12   |
| total_timesteps | 1024 |
| train/         |      |
|   approx_kl    | 5.9020356e-05 |
|   clip_fraction | 0    |
|   clip_range   | 0.2  |
|   entropy_loss  | -1.95 |
|   explained_variance | -0.0101 |
|   learning_rate | 1e-06 |
|   loss         | 131   |
|   n_updates    | 10    |
|   policy_gradient_loss | -0.000465 |
|   value_loss   | 373   |
|-----|
```

```
-----
| time/          |      |
|   fps          | 93   |
| iterations     | 3    |
| time_elapsed   | 16   |
| total_timesteps | 1536 |
| train/         |      |
|   approx_kl    | 6.171537e-05 |
|   clip_fraction | 0    |
|   clip_range   | 0.2  |
|   entropy_loss  | -1.95 |
|   explained_variance | 0.0169 |
|   learning_rate | 1e-06 |
|   loss         | 0.139 |
|   n_updates    | 20    |
|   policy_gradient_loss | -0.000678 |
|   value_loss   | 2.21  |
|-----|
```

```
-----
| time/          |      |
|   fps          | 98   |
| iterations     | 4    |
| time_elapsed   | 20   |
| total_timesteps | 2048 |
| train/         |      |
|   approx_kl    | 2.637785e-05 |
|   clip_fraction | 0    |
|   clip_range   | 0.2  |
|   entropy_loss  | -1.95 |
|   explained_variance | -0.000558 |
|   learning_rate | 1e-06 |
|   loss         | 0.107 |
|   n_updates    | 30    |
|   policy_gradient_loss | -0.000396 |
|   value_loss   | 0.943 |
|-----|
```

```
-----
| time/          |      |
|   fps          | 102  |
| iterations     | 5    |
| time_elapsed   | 24   |
| total_timesteps | 2560 |
| train/         |      |
|   approx_kl    | 8.875737e-06 |
|   clip_fraction | 0    |
|   clip_range   | 0.2  |
|   entropy_loss  | -1.95 |
|   explained_variance | 0.0403 |
|   learning_rate | 1e-06 |
|-----|
```

loss	0.531
n_updates	40
policy_gradient_loss	-0.000131
value_loss	1.4

time/	
fps	106
iterations	6
time_elapsed	28
total_timesteps	3072
train/	
approx_kl	4.636124e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	0.0424
learning_rate	1e-06
loss	0.0738
n_updates	50
policy_gradient_loss	1.57e-05
value_loss	0.523

time/	
fps	107
iterations	7
time_elapsed	33
total_timesteps	3584
train/	
approx_kl	2.3629982e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	0.0307
learning_rate	1e-06
loss	0.0649
n_updates	60
policy_gradient_loss	7.52e-06
value_loss	0.349

time/	
fps	109
iterations	8
time_elapsed	37
total_timesteps	4096
train/	
approx_kl	1.2195087e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	-0.0735
learning_rate	1e-06
loss	0.106
n_updates	70
policy_gradient_loss	-0.000154
value_loss	0.409

time/	
fps	110
iterations	9
time_elapsed	41
total_timesteps	4608
train/	
approx_kl	9.74338e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	-0.0097
learning_rate	1e-06
loss	0.169
n_updates	80
policy_gradient_loss	-0.000129
value_loss	0.373

time/	
fps	112
iterations	10
time_elapsed	45
total_timesteps	5120

train/	
approx_kl	1.3748417e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	-0.00212
learning_rate	1e-06
loss	0.106
n_updates	90
policy_gradient_loss	-0.000241
value_loss	0.281

time/	
fps	112
iterations	11
time_elapsed	49
total_timesteps	5632
train/	
approx_kl	9.9177705e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	0.0257
learning_rate	1e-06
loss	0.145
n_updates	100
policy_gradient_loss	-0.00012
value_loss	0.285

time/	
fps	113
iterations	12
time_elapsed	54
total_timesteps	6144
train/	
approx_kl	2.2146152e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.95
explained_variance	0.0207
learning_rate	1e-06
loss	0.0732
n_updates	110
policy_gradient_loss	-0.00027
value_loss	0.172

time/	
fps	113
iterations	13
time_elapsed	58
total_timesteps	6656
train/	
approx_kl	2.1089683e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0356
learning_rate	1e-06
loss	0.139
n_updates	120
policy_gradient_loss	-0.000284
value_loss	0.224

time/	
fps	114
iterations	14
time_elapsed	62
total_timesteps	7168
train/	
approx_kl	7.048459e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0404
learning_rate	1e-06
loss	0.143
n_updates	130
policy_gradient_loss	-0.00102
value_loss	0.282

time/		
fps	114	
iterations	15	
time_elapsed	67	
total_timesteps	7680	
train/		
approx_kl	1.7669285e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.94	
explained_variance	0.091	
learning_rate	1e-06	
loss	0.0852	
n_updates	140	
policy_gradient_loss	-0.00019	
value_loss	0.159	

time/		
fps	114	
iterations	16	
time_elapsed	71	
total_timesteps	8192	
train/		
approx_kl	1.1015218e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.94	
explained_variance	-0.028	
learning_rate	1e-06	
loss	0.114	
n_updates	150	
policy_gradient_loss	-0.000159	
value_loss	0.189	

time/		
fps	114	
iterations	17	
time_elapsed	75	
total_timesteps	8704	
train/		
approx_kl	4.2646774e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.94	
explained_variance	0.0415	
learning_rate	1e-06	
loss	138	
n_updates	160	
policy_gradient_loss	-0.00014	
value_loss	373	

time/		
fps	115	
iterations	18	
time_elapsed	80	
total_timesteps	9216	
train/		
approx_kl	8.540112e-06	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.94	
explained_variance	0.0208	
learning_rate	1e-06	
loss	75.5	
n_updates	170	
policy_gradient_loss	0.000141	
value_loss	145	

time/		
fps	115	
iterations	19	
time_elapsed	84	
total_timesteps	9728	
train/		
approx_kl	3.5932753e-05	
clip_fraction	0	
clip_range	0.2	

entropy_loss	-1.94
explained_variance	0.0914
learning_rate	1e-06
loss	0.167
n_updates	180
policy_gradient_loss	-0.000156
value_loss	1.02

time/	
fps	114
iterations	20
time_elapsed	89
total_timesteps	10240
train/	
approx_kl	4.1666906e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.23
learning_rate	1e-06
loss	0.172
n_updates	190
policy_gradient_loss	-0.000531
value_loss	0.861

time/	
fps	114
iterations	21
time_elapsed	93
total_timesteps	10752
train/	
approx_kl	4.8173824e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0228
learning_rate	1e-06
loss	0.414
n_updates	200
policy_gradient_loss	-0.00067
value_loss	1.11

time/	
fps	115
iterations	22
time_elapsed	97
total_timesteps	11264
train/	
approx_kl	1.9937404e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.21
learning_rate	1e-06
loss	0.166
n_updates	210
policy_gradient_loss	-0.000274
value_loss	0.572

time/	
fps	115
iterations	23
time_elapsed	101
total_timesteps	11776
train/	
approx_kl	1.1628261e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0311
learning_rate	1e-06
loss	0.222
n_updates	220
policy_gradient_loss	-0.000115
value_loss	0.491

time/	
fps	115

iterations	24
time_elapsed	106
total_timesteps	12288
train/	
approx_kl	1.1121971e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.00383
learning_rate	1e-06
loss	0.153
n_updates	230
policy_gradient_loss	-0.000102
value_loss	0.357

time/	
fps	116
iterations	25
time_elapsed	110
total_timesteps	12800
train/	
approx_kl	2.144149e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0155
learning_rate	1e-06
loss	0.11
n_updates	240
policy_gradient_loss	-0.000219
value_loss	0.283

time/	
fps	116
iterations	26
time_elapsed	114
total_timesteps	13312
train/	
approx_kl	7.229508e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.00541
learning_rate	1e-06
loss	0.128
n_updates	250
policy_gradient_loss	-5.21e-05
value_loss	0.274

time/	
fps	116
iterations	27
time_elapsed	118
total_timesteps	13824
train/	
approx_kl	6.608397e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0134
learning_rate	1e-06
loss	0.131
n_updates	260
policy_gradient_loss	-0.000556
value_loss	0.315

time/	
fps	116
iterations	28
time_elapsed	122
total_timesteps	14336
train/	
approx_kl	1.5038531e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.0324
learning_rate	1e-06
loss	0.0975

n_updates	270
policy_gradient_loss	-0.000147
value_loss	0.229

time/	
fps	116
iterations	29
time_elapsed	127
total_timesteps	14848
train/	
approx_kl	4.0857238e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.000691
learning_rate	1e-06
loss	0.0546
n_updates	280
policy_gradient_loss	-0.000371
value_loss	0.144

time/	
fps	116
iterations	30
time_elapsed	131
total_timesteps	15360
train/	
approx_kl	0.00011826353
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0408
learning_rate	1e-06
loss	0.0983
n_updates	290
policy_gradient_loss	-0.00115
value_loss	0.294

time/	
fps	116
iterations	31
time_elapsed	135
total_timesteps	15872
train/	
approx_kl	5.3987023e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.027
learning_rate	1e-06
loss	0.0401
n_updates	300
policy_gradient_loss	-0.000489
value_loss	0.107

time/	
fps	116
iterations	32
time_elapsed	140
total_timesteps	16384
train/	
approx_kl	4.135433e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.00639
learning_rate	1e-06
loss	0.0602
n_updates	310
policy_gradient_loss	-0.000368
value_loss	0.159

time/	
fps	116
iterations	33
time_elapsed	144
total_timesteps	16896
train/	

approx_kl	0.000106889405
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0735
learning_rate	1e-06
loss	114
n_updates	320
policy_gradient_loss	-0.00028
value_loss	340

time/	
fps	117
iterations	34
time_elapsed	148
total_timesteps	17408
train/	
approx_kl	4.341721e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.11
learning_rate	1e-06
loss	43
n_updates	330
policy_gradient_loss	0.000228
value_loss	83.9

time/	
fps	117
iterations	35
time_elapsed	152
total_timesteps	17920
train/	
approx_kl	1.9532512e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.573
learning_rate	1e-06
loss	0.103
n_updates	340
policy_gradient_loss	0.000119
value_loss	0.994

time/	
fps	117
iterations	36
time_elapsed	157
total_timesteps	18432
train/	
approx_kl	2.628949e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.0542
learning_rate	1e-06
loss	0.0917
n_updates	350
policy_gradient_loss	-9.94e-05
value_loss	0.903

time/	
fps	117
iterations	37
time_elapsed	161
total_timesteps	18944
train/	
approx_kl	4.648231e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.278
learning_rate	1e-06
loss	0.099
n_updates	360
policy_gradient_loss	-0.000259
value_loss	0.612

time/	
fps	117
iterations	38
time_elapsed	165
total_timesteps	19456
train/	
approx_kl	1.475832e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.19
learning_rate	1e-06
loss	0.0542
n_updates	370
policy_gradient_loss	-2.92e-05
value_loss	0.483

time/	
fps	117
iterations	39
time_elapsed	169
total_timesteps	19968
train/	
approx_kl	3.947213e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	-0.0174
learning_rate	1e-06
loss	0.0743
n_updates	380
policy_gradient_loss	-0.000357
value_loss	0.339

time/	
fps	117
iterations	40
time_elapsed	174
total_timesteps	20480
train/	
approx_kl	9.70962e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.144
learning_rate	1e-06
loss	0.078
n_updates	390
policy_gradient_loss	-6.75e-05
value_loss	0.277

time/	
fps	117
iterations	41
time_elapsed	178
total_timesteps	20992
train/	
approx_kl	8.022576e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.105
learning_rate	1e-06
loss	0.0947
n_updates	400
policy_gradient_loss	-0.000649
value_loss	0.269

time/	
fps	117
iterations	42
time_elapsed	182
total_timesteps	21504
train/	
approx_kl	5.582196e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94

explained_variance	0.00753
learning_rate	1e-06
loss	0.0984
n_updates	410
policy_gradient_loss	-0.000463
value_loss	0.218

time/	
fps	117
iterations	43
time_elapsed	186
total_timesteps	22016
train/	
approx_kl	7.654866e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.94
explained_variance	0.0765
learning_rate	1e-06
loss	0.0992
n_updates	420
policy_gradient_loss	-0.000695
value_loss	0.247

time/	
fps	117
iterations	44
time_elapsed	191
total_timesteps	22528
train/	
approx_kl	9.462761e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.494
learning_rate	1e-06
loss	0.0901
n_updates	430
policy_gradient_loss	-0.000907
value_loss	0.202

time/	
fps	118
iterations	45
time_elapsed	195
total_timesteps	23040
train/	
approx_kl	0.00010588241
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.0208
learning_rate	1e-06
loss	0.088
n_updates	440
policy_gradient_loss	-0.000859
value_loss	0.177

time/	
fps	118
iterations	46
time_elapsed	199
total_timesteps	23552
train/	
approx_kl	3.5663135e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.0891
learning_rate	1e-06
loss	0.0874
n_updates	450
policy_gradient_loss	-0.000288
value_loss	0.161

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402

time/	
fps	118
iterations	47
time_elapsed	203
total_timesteps	24064
train/	
approx_kl	6.05284e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.00701
learning_rate	1e-06
loss	0.0534
n_updates	460
policy_gradient_loss	-0.00044
value_loss	0.115

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	48
time_elapsed	207
total_timesteps	24576
train/	
approx_kl	8.796807e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.00181
learning_rate	1e-06
loss	6.65
n_updates	470
policy_gradient_loss	-0.000176
value_loss	10.3

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	49
time_elapsed	211
total_timesteps	25088
train/	
approx_kl	0.00017270737
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.0142
learning_rate	1e-06
loss	161
n_updates	480
policy_gradient_loss	-0.000491
value_loss	516

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	50
time_elapsed	216
total_timesteps	25600
train/	
approx_kl	6.466522e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.378
learning_rate	1e-06
loss	2.57
n_updates	490
policy_gradient_loss	-1.01e-05
value_loss	7.39

rollout/	
ep_len_mean	2.41e+04

ep_rew_mean	402
time/	
fps	118
iterations	51
time_elapsed	220
total_timesteps	26112
train/	
approx_kl	9.7234384e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.0425
learning_rate	1e-06
loss	0.0528
n_updates	500
policy_gradient_loss	-0.000734
value_loss	0.483

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	52
time_elapsed	224
total_timesteps	26624
train/	
approx_kl	9.72749e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.0547
learning_rate	1e-06
loss	0.06
n_updates	510
policy_gradient_loss	-0.000694
value_loss	0.35

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	53
time_elapsed	228
total_timesteps	27136
train/	
approx_kl	8.3197374e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.202
learning_rate	1e-06
loss	0.0725
n_updates	520
policy_gradient_loss	-0.000504
value_loss	0.352

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	54
time_elapsed	232
total_timesteps	27648
train/	
approx_kl	3.1648087e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.077
learning_rate	1e-06
loss	0.0656
n_updates	530
policy_gradient_loss	-0.000138
value_loss	0.3

rollout/	
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ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	55
time_elapsed	236
total_timesteps	28160
train/	
approx_kl	4.808884e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.113
learning_rate	1e-06
loss	0.0714
n_updates	540
policy_gradient_loss	-0.000424
value_loss	0.286

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	56
time_elapsed	241
total_timesteps	28672
train/	
approx_kl	1.3691024e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.219
learning_rate	1e-06
loss	0.0582
n_updates	550
policy_gradient_loss	-1.29e-05
value_loss	0.237

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	57
time_elapsed	245
total_timesteps	29184
train/	
approx_kl	4.835974e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.116
learning_rate	1e-06
loss	0.0715
n_updates	560
policy_gradient_loss	-0.000378
value_loss	0.211

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	58
time_elapsed	249
total_timesteps	29696
train/	
approx_kl	3.8534636e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.0423
learning_rate	1e-06
loss	0.0495
n_updates	570
policy_gradient_loss	-0.000385
value_loss	0.15

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	59
time_elapsed	254
total_timesteps	30208
train/	
approx_kl	4.900247e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	0.0404
learning_rate	1e-06
loss	0.0784
n_updates	580
policy_gradient_loss	-0.000404
value_loss	0.145

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	60
time_elapsed	258
total_timesteps	30720
train/	
approx_kl	5.728472e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.93
explained_variance	-0.194
learning_rate	1e-06
loss	0.0794
n_updates	590
policy_gradient_loss	-0.00041
value_loss	0.167

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	61
time_elapsed	262
total_timesteps	31232
train/	
approx_kl	3.0268915e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.92
explained_variance	0.0226
learning_rate	1e-06
loss	0.047
n_updates	600
policy_gradient_loss	-0.00027
value_loss	0.112

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	118
iterations	62
time_elapsed	267
total_timesteps	31744
train/	
approx_kl	9.985082e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.92
explained_variance	7.3e-05
learning_rate	1e-06
loss	0.0556
n_updates	610
policy_gradient_loss	-0.000736
value_loss	0.129

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	118	
iterations	63	
time_elapsed	271	
total_timesteps	32256	
train/		
approx_kl	0.00029234402	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	0.0241	
learning_rate	1e-06	
loss	0.0396	
n_updates	620	
policy_gradient_loss	-0.00187	
value_loss	0.121	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	64	
time_elapsed	275	
total_timesteps	32768	
train/		
approx_kl	7.903855e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	0.0466	
learning_rate	1e-06	
loss	0.0647	
n_updates	630	
policy_gradient_loss	-0.000494	
value_loss	0.127	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	65	
time_elapsed	279	
total_timesteps	33280	
train/		
approx_kl	0.00035508315	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	0.186	
learning_rate	1e-06	
loss	102	
n_updates	640	
policy_gradient_loss	-0.000689	
value_loss	294	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	66	
time_elapsed	283	
total_timesteps	33792	
train/		
approx_kl	9.487849e-06	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	-0.178	
learning_rate	1e-06	
loss	0.145	
n_updates	650	
policy_gradient_loss	7.54e-06	
value_loss	1.09	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	67	
time_elapsed	287	
total_timesteps	34304	
train/		
approx_kl	3.7698657e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	-0.031	
learning_rate	1e-06	
loss	0.0886	
n_updates	660	
policy_gradient_loss	-0.000195	
value_loss	0.484	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	68	
time_elapsed	291	
total_timesteps	34816	
train/		
approx_kl	6.140012e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.91	
explained_variance	-0.104	
learning_rate	1e-06	
loss	26	
n_updates	670	
policy_gradient_loss	9.56e-05	
value_loss	83.5	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	69	
time_elapsed	296	
total_timesteps	35328	
train/		
approx_kl	7.8473124e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.91	
explained_variance	0.476	
learning_rate	1e-06	
loss	0.123	
n_updates	680	
policy_gradient_loss	-0.000277	
value_loss	0.927	

rollout/		
ep_len_mean	2.41e+04	
ep_rew_mean	402	
time/		
fps	119	
iterations	70	
time_elapsed	300	
total_timesteps	35840	
train/		
approx_kl	0.000101291924	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.92	
explained_variance	-0.123	
learning_rate	1e-06	
loss	0.209	
n_updates	690	
policy_gradient_loss	-0.000301	

value_loss	0.928
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rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	71
time_elapsed	304
total_timesteps	36352
train/	
approx_kl	4.193827e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.92
explained_variance	0.00314
learning_rate	1e-06
loss	0.131
n_updates	700
policy_gradient_loss	-9.9e-05
value_loss	0.549

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	72
time_elapsed	308
total_timesteps	36864
train/	
approx_kl	6.892835e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.92
explained_variance	0.243
learning_rate	1e-06
loss	0.5
n_updates	710
policy_gradient_loss	-2.77e-06
value_loss	1.15

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	73
time_elapsed	312
total_timesteps	37376
train/	
approx_kl	3.1243544e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.92
explained_variance	0.11
learning_rate	1e-06
loss	0.0752
n_updates	720
policy_gradient_loss	-0.000161
value_loss	0.452

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	74
time_elapsed	317
total_timesteps	37888
train/	
approx_kl	4.5105233e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	-0.00161
learning_rate	1e-06
loss	0.177
n_updates	730

policy_gradient_loss	-0.000146
value_loss	0.517

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	75
time_elapsed	321
total_timesteps	38400
train/	
approx_kl	5.2992953e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.0697
learning_rate	1e-06
loss	0.0603
n_updates	740
policy_gradient_loss	-0.000397
value_loss	0.289

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	76
time_elapsed	325
total_timesteps	38912
train/	
approx_kl	1.5947036e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.0892
learning_rate	1e-06
loss	0.0542
n_updates	750
policy_gradient_loss	4.8e-06
value_loss	0.21

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	77
time_elapsed	329
total_timesteps	39424
train/	
approx_kl	0.00015128625
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	-0.0552
learning_rate	1e-06
loss	0.0579
n_updates	760
policy_gradient_loss	-0.000954
value_loss	0.169

rollout/	
ep_len_mean	2.41e+04
ep_rew_mean	402
time/	
fps	119
iterations	78
time_elapsed	333
total_timesteps	39936
train/	
approx_kl	2.4801819e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	-0.102
learning_rate	1e-06
loss	0.0463

n_updates	770
policy_gradient_loss	-7.4e-05
value_loss	0.155

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	79
time_elapsed	339
total_timesteps	40448
train/	
approx_kl	5.9606275e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.00323
learning_rate	1e-06
loss	0.0409
n_updates	780
policy_gradient_loss	-0.000315
value_loss	0.138

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	80
time_elapsed	343
total_timesteps	40960
train/	
approx_kl	0.00026477023
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.161
learning_rate	1e-06
loss	68.1
n_updates	790
policy_gradient_loss	9.16e-06
value_loss	188

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	81
time_elapsed	347
total_timesteps	41472
train/	
approx_kl	0.00042492198
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.286
learning_rate	1e-06
loss	106
n_updates	800
policy_gradient_loss	0.00088
value_loss	233

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	82
time_elapsed	351
total_timesteps	41984
train/	
approx_kl	5.7296245e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0279
learning_rate	1e-06

loss	0.0629
n_updates	810
policy_gradient_loss	-0.000105
value_loss	0.836

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	83
time_elapsed	355
total_timesteps	42496
train/	
approx_kl	9.69969e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0303
learning_rate	1e-06
loss	0.0412
n_updates	820
policy_gradient_loss	-0.00056
value_loss	0.497

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	84
time_elapsed	359
total_timesteps	43008
train/	
approx_kl	4.488323e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.0286
learning_rate	1e-06
loss	0.0915
n_updates	830
policy_gradient_loss	-6.11e-05
value_loss	0.406

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	85
time_elapsed	363
total_timesteps	43520
train/	
approx_kl	6.3301646e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.239
learning_rate	1e-06
loss	29.7
n_updates	840
policy_gradient_loss	-0.00038
value_loss	69.1

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	86
time_elapsed	367
total_timesteps	44032
train/	
approx_kl	3.336533e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.216

learning_rate	1e-06
loss	0.104
n_updates	850
policy_gradient_loss	-0.000238
value_loss	0.821

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	87
time_elapsed	372
total_timesteps	44544
train/	
approx_kl	7.9631456e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.0405
learning_rate	1e-06
loss	0.0558
n_updates	860
policy_gradient_loss	-0.000523
value_loss	0.42

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	88
time_elapsed	376
total_timesteps	45056
train/	
approx_kl	9.312411e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.254
learning_rate	1e-06
loss	0.0695
n_updates	870
policy_gradient_loss	6.8e-05
value_loss	0.398

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	89
time_elapsed	380
total_timesteps	45568
train/	
approx_kl	0.0001262069
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0183
learning_rate	1e-06
loss	0.0938
n_updates	880
policy_gradient_loss	-0.000819
value_loss	0.382

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	90
time_elapsed	384
total_timesteps	46080
train/	
approx_kl	0.00014135998
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9

explained_variance	-0.106
learning_rate	1e-06
loss	0.0383
n_updates	890
policy_gradient_loss	-0.00106
value_loss	0.257

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	91
time_elapsed	388
total_timesteps	46592
train/	
approx_kl	1.1963653e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.0154
learning_rate	1e-06
loss	0.0937
n_updates	900
policy_gradient_loss	1.97e-05
value_loss	0.315

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	92
time_elapsed	393
total_timesteps	47104
train/	
approx_kl	5.487469e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	-0.0575
learning_rate	1e-06
loss	0.0661
n_updates	910
policy_gradient_loss	-0.000321
value_loss	0.21

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	93
time_elapsed	397
total_timesteps	47616
train/	
approx_kl	7.354689e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.414
learning_rate	1e-06
loss	0.0504
n_updates	920
policy_gradient_loss	-0.000417
value_loss	0.189

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	94
time_elapsed	401
total_timesteps	48128
train/	
approx_kl	0.000102288905
clip_fraction	0
clip_range	0.2

entropy_loss	-1.91
explained_variance	0.189
learning_rate	1e-06
loss	0.0617
n_updates	930
policy_gradient_loss	-0.000601
value_loss	0.173

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	95
time_elapsed	405
total_timesteps	48640
train/	
approx_kl	4.9732276e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.91
explained_variance	0.0178
learning_rate	1e-06
loss	0.0489
n_updates	940
policy_gradient_loss	-0.000258
value_loss	0.148

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	96
time_elapsed	409
total_timesteps	49152
train/	
approx_kl	0.0006643251
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.331
learning_rate	1e-06
loss	148
n_updates	950
policy_gradient_loss	0.00158
value_loss	462

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	120
iterations	97
time_elapsed	413
total_timesteps	49664
train/	
approx_kl	4.2285654e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.00375
learning_rate	1e-06
loss	0.108
n_updates	960
policy_gradient_loss	-0.000183
value_loss	1.34

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	98
time_elapsed	418
total_timesteps	50176
train/	
approx_kl	5.166384e-05
clip_fraction	0

clip_range	0.2
entropy_loss	-1.9
explained_variance	0.123
learning_rate	1e-06
loss	0.135
n_updates	970
policy_gradient_loss	-0.000188
value_loss	0.546

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	99
time_elapsed	423
total_timesteps	50688
train/	
approx_kl	0.00010911282
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.151
learning_rate	1e-06
loss	0.17
n_updates	980
policy_gradient_loss	-0.000644
value_loss	0.578

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	100
time_elapsed	427
total_timesteps	51200
train/	
approx_kl	0.00010636577
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.17
learning_rate	1e-06
loss	0.179
n_updates	990
policy_gradient_loss	-0.000687
value_loss	0.566

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	101
time_elapsed	431
total_timesteps	51712
train/	
approx_kl	1.6303966e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.264
learning_rate	1e-06
loss	0.127
n_updates	1000
policy_gradient_loss	-1.44e-05
value_loss	0.447

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	102
time_elapsed	435
total_timesteps	52224
train/	
approx_kl	4.0674815e-05

clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0123
learning_rate	1e-06
loss	0.139
n_updates	1010
policy_gradient_loss	-0.00037
value_loss	0.362

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	103
time_elapsed	439
total_timesteps	52736
train/	
approx_kl	7.446518e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0263
learning_rate	1e-06
loss	0.132
n_updates	1020
policy_gradient_loss	-0.000528
value_loss	0.342

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	104
time_elapsed	444
total_timesteps	53248
train/	
approx_kl	5.697587e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.00498
learning_rate	1e-06
loss	0.104
n_updates	1030
policy_gradient_loss	-0.000369
value_loss	0.274

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	105
time_elapsed	448
total_timesteps	53760
train/	
approx_kl	3.4963014e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.00992
learning_rate	1e-06
loss	0.119
n_updates	1040
policy_gradient_loss	-0.000206
value_loss	0.288

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	106
time_elapsed	452
total_timesteps	54272
train/	

approx_kl	2.7920934e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.027
learning_rate	1e-06
loss	0.0917
n_updates	1050
policy_gradient_loss	-0.000147
value_loss	0.192

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	107
time_elapsed	456
total_timesteps	54784
train/	
approx_kl	9.0466696e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.232
learning_rate	1e-06
loss	0.0688
n_updates	1060
policy_gradient_loss	-0.000535
value_loss	0.155

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	108
time_elapsed	460
total_timesteps	55296
train/	
approx_kl	0.00014058664
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	-0.0218
learning_rate	1e-06
loss	0.0487
n_updates	1070
policy_gradient_loss	-0.000682
value_loss	0.152

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	109
time_elapsed	465
total_timesteps	55808
train/	
approx_kl	6.113283e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.9
explained_variance	0.564
learning_rate	1e-06
loss	0.0782
n_updates	1080
policy_gradient_loss	-0.000358
value_loss	0.159

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	110
time_elapsed	469
total_timesteps	56320

train/	
approx_kl	0.00014101283
clip_fraction	0
clip_range	0.2
entropy_loss	-1.89
explained_variance	0.0864
learning_rate	1e-06
loss	0.0544
n_updates	1090
policy_gradient_loss	-0.000647
value_loss	0.114

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	111
time_elapsed	473
total_timesteps	56832
train/	
approx_kl	0.00022586761
clip_fraction	0
clip_range	0.2
entropy_loss	-1.89
explained_variance	0.0861
learning_rate	1e-06
loss	0.051
n_updates	1100
policy_gradient_loss	-0.000955
value_loss	0.13

rollout/	
ep_len_mean	2.01e+04
ep_rew_mean	458
time/	
fps	119
iterations	112
time_elapsed	478
total_timesteps	57344
train/	
approx_kl	0.0005821631
clip_fraction	0
clip_range	0.2
entropy_loss	-1.88
explained_variance	0.404
learning_rate	1e-06
loss	169
n_updates	1110
policy_gradient_loss	-0.000717
value_loss	442

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	113
time_elapsed	482
total_timesteps	57856
train/	
approx_kl	7.798197e-06
clip_fraction	0
clip_range	0.2
entropy_loss	-1.88
explained_variance	-0.112
learning_rate	1e-06
loss	0.057
n_updates	1120
policy_gradient_loss	0.000278
value_loss	0.984

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	114
time_elapsed	486

total_timesteps	58368
train/	
approx_kl	0.0008533922
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.389
learning_rate	1e-06
loss	197
n_updates	1130
policy_gradient_loss	-0.000509
value_loss	441

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	115
time_elapsed	490
total_timesteps	58880
train/	
approx_kl	5.1210285e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.0377
learning_rate	1e-06
loss	0.125
n_updates	1140
policy_gradient_loss	-0.000133
value_loss	3.19

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	120
iterations	116
time_elapsed	494
total_timesteps	59392
train/	
approx_kl	0.00011548796
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.0288
learning_rate	1e-06
loss	0.106
n_updates	1150
policy_gradient_loss	-0.000548
value_loss	1.28

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	120
iterations	117
time_elapsed	499
total_timesteps	59904
train/	
approx_kl	6.68359e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.077
learning_rate	1e-06
loss	0.104
n_updates	1160
policy_gradient_loss	-0.000283
value_loss	0.751

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	118

time_elapsed	504
total_timesteps	60416
train/	
approx_kl	7.9120044e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.437
learning_rate	1e-06
loss	36.2
n_updates	1170
policy_gradient_loss	5.39e-05
value_loss	69.1

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	119
time_elapsed	508
total_timesteps	60928
train/	
approx_kl	3.303634e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.068
learning_rate	1e-06
loss	0.129
n_updates	1180
policy_gradient_loss	-5.04e-05
value_loss	0.8

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	120
time_elapsed	512
total_timesteps	61440
train/	
approx_kl	5.253649e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.0352
learning_rate	1e-06
loss	0.0564
n_updates	1190
policy_gradient_loss	-0.000237
value_loss	0.618

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	121
time_elapsed	516
total_timesteps	61952
train/	
approx_kl	4.5707566e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.262
learning_rate	1e-06
loss	0.0977
n_updates	1200
policy_gradient_loss	-0.000209
value_loss	0.376

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119

iterations	122
time_elapsed	521
total_timesteps	62464
train/	
approx_kl	0.00010157528
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.405
learning_rate	1e-06
loss	0.0703
n_updates	1210
policy_gradient_loss	-0.000589
value_loss	0.407

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	123
time_elapsed	525
total_timesteps	62976
train/	
approx_kl	0.00025190425
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.0547
learning_rate	1e-06
loss	0.0615
n_updates	1220
policy_gradient_loss	-0.00117
value_loss	0.329

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	124
time_elapsed	529
total_timesteps	63488
train/	
approx_kl	0.00019585586
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.166
learning_rate	1e-06
loss	0.0464
n_updates	1230
policy_gradient_loss	-0.000867
value_loss	0.221

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	125
time_elapsed	533
total_timesteps	64000
train/	
approx_kl	4.942424e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.0902
learning_rate	1e-06
loss	0.0503
n_updates	1240
policy_gradient_loss	-0.000145
value_loss	0.194

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	

fps	119
iterations	126
time_elapsed	537
total_timesteps	64512
train/	
approx_kl	0.0001308833
clip_fraction	0
clip_range	0.2
entropy_loss	-1.86
explained_variance	0.116
learning_rate	1e-06
loss	0.0449
n_updates	1250
policy_gradient_loss	-0.000578
value_loss	0.17

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	127
time_elapsed	542
total_timesteps	65024
train/	
approx_kl	0.0003767385
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.111
learning_rate	1e-06
loss	0.0526
n_updates	1260
policy_gradient_loss	-0.00164
value_loss	0.135

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	128
time_elapsed	546
total_timesteps	65536
train/	
approx_kl	6.130489e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	-0.196
learning_rate	1e-06
loss	0.0487
n_updates	1270
policy_gradient_loss	1.41e-06
value_loss	0.136

rollout/	
ep_len_mean	1.92e+04
ep_rew_mean	622
time/	
fps	119
iterations	129
time_elapsed	550
total_timesteps	66048
train/	
approx_kl	5.6400895e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.87
explained_variance	0.911
learning_rate	1e-06
loss	0.446
n_updates	1280
policy_gradient_loss	-0.000715
value_loss	1.7

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744

time/	
fps	120
iterations	130
time_elapsed	554
total_timesteps	66560
train/	
approx_kl	0.0009996303
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-1.85
explained_variance	0.504
learning_rate	1e-06
loss	86.5
n_updates	1290
policy_gradient_loss	3.85e-05
value_loss	379

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	131
time_elapsed	558
total_timesteps	67072
train/	
approx_kl	8.2321e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	0.536
learning_rate	1e-06
loss	33.3
n_updates	1300
policy_gradient_loss	-0.000287
value_loss	96.8

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	132
time_elapsed	562
total_timesteps	67584
train/	
approx_kl	0.0014076898
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-1.82
explained_variance	0.516
learning_rate	1e-06
loss	123
n_updates	1310
policy_gradient_loss	0.00213
value_loss	392

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	133
time_elapsed	567
total_timesteps	68096
train/	
approx_kl	0.00023528456
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.2
learning_rate	1e-06
loss	0.228
n_updates	1320
policy_gradient_loss	-9.64e-05
value_loss	9.53

rollout/	
ep_len_mean	1.66e+04

ep_rew_mean	744
time/	
fps	120
iterations	134
time_elapsed	571
total_timesteps	68608
train/	
approx_kl	8.509995e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.172
learning_rate	1e-06
loss	0.156
n_updates	1330
policy_gradient_loss	0.000229
value_loss	4.07

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	135
time_elapsed	575
total_timesteps	69120
train/	
approx_kl	0.00028744922
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	0.143
learning_rate	1e-06
loss	0.112
n_updates	1340
policy_gradient_loss	-0.000939
value_loss	2.84

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	136
time_elapsed	579
total_timesteps	69632
train/	
approx_kl	5.1669194e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	0.373
learning_rate	1e-06
loss	0.167
n_updates	1350
policy_gradient_loss	0.000303
value_loss	1.54

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	119
iterations	137
time_elapsed	584
total_timesteps	70144
train/	
approx_kl	2.7520931e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	0.552
learning_rate	1e-06
loss	18
n_updates	1360
policy_gradient_loss	-0.000139
value_loss	70

rollout/	
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ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	119
iterations	138
time_elapsed	589
total_timesteps	70656
train/	
approx_kl	6.8199355e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	0.129
learning_rate	1e-06
loss	0.0714
n_updates	1370
policy_gradient_loss	-9.31e-05
value_loss	0.626

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	119
iterations	139
time_elapsed	593
total_timesteps	71168
train/	
approx_kl	0.00011016033
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	-0.462
learning_rate	1e-06
loss	0.0847
n_updates	1380
policy_gradient_loss	-0.000537
value_loss	0.535

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	119
iterations	140
time_elapsed	597
total_timesteps	71680
train/	
approx_kl	2.8955052e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	-0.197
learning_rate	1e-06
loss	0.0582
n_updates	1390
policy_gradient_loss	9.26e-06
value_loss	0.358

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	119
iterations	141
time_elapsed	601
total_timesteps	72192
train/	
approx_kl	0.00035708037
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	0.0259
learning_rate	1e-06
loss	0.0516
n_updates	1400
policy_gradient_loss	-0.00123
value_loss	0.25

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	142
time_elapsed	605
total_timesteps	72704
train/	
approx_kl	0.00012936594
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	-0.217
learning_rate	1e-06
loss	0.0857
n_updates	1410
policy_gradient_loss	-0.000407
value_loss	0.233

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	143
time_elapsed	610
total_timesteps	73216
train/	
approx_kl	0.000106842956
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	-0.0482
learning_rate	1e-06
loss	0.0473
n_updates	1420
policy_gradient_loss	-0.000308
value_loss	0.164

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	144
time_elapsed	614
total_timesteps	73728
train/	
approx_kl	0.000120338984
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	0.139
learning_rate	1e-06
loss	0.0269
n_updates	1430
policy_gradient_loss	-0.000326
value_loss	0.117

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	145
time_elapsed	618
total_timesteps	74240
train/	
approx_kl	6.2934705e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	0.0395
learning_rate	1e-06
loss	0.0415
n_updates	1440
policy_gradient_loss	-0.000239
value_loss	0.123

rollout/		
ep_len_mean	1.66e+04	
ep_rew_mean	744	
time/		
fps	120	
iterations	146	
time_elapsed	622	
total_timesteps	74752	
train/		
approx_kl	0.00018624973	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.85	
explained_variance	-0.208	
learning_rate	1e-06	
loss	0.0684	
n_updates	1450	
policy_gradient_loss	-0.00101	
value_loss	0.162	

rollout/		
ep_len_mean	1.66e+04	
ep_rew_mean	744	
time/		
fps	120	
iterations	147	
time_elapsed	626	
total_timesteps	75264	
train/		
approx_kl	0.00013075734	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.84	
explained_variance	0.844	
learning_rate	1e-06	
loss	9.84	
n_updates	1460	
policy_gradient_loss	-0.00082	
value_loss	31	

rollout/		
ep_len_mean	1.66e+04	
ep_rew_mean	744	
time/		
fps	120	
iterations	148	
time_elapsed	630	
total_timesteps	75776	
train/		
approx_kl	0.0004107186	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.82	
explained_variance	0.71	
learning_rate	1e-06	
loss	66.6	
n_updates	1470	
policy_gradient_loss	2.94e-05	
value_loss	153	

rollout/		
ep_len_mean	1.66e+04	
ep_rew_mean	744	
time/		
fps	120	
iterations	149	
time_elapsed	635	
total_timesteps	76288	
train/		
approx_kl	5.1656156e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.83	
explained_variance	0.185	
learning_rate	1e-06	
loss	0.186	
n_updates	1480	
policy_gradient_loss	0.000254	
value_loss	1.39	

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	150
time_elapsed	639
total_timesteps	76800
train/	
approx_kl	8.950487e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.153
learning_rate	1e-06
loss	0.132
n_updates	1490
policy_gradient_loss	-0.000673
value_loss	1.27

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	151
time_elapsed	643
total_timesteps	77312
train/	
approx_kl	0.00018751656
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.18
learning_rate	1e-06
loss	0.142
n_updates	1500
policy_gradient_loss	-0.000739
value_loss	0.899

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	152
time_elapsed	647
total_timesteps	77824
train/	
approx_kl	6.49686e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.113
learning_rate	1e-06
loss	0.137
n_updates	1510
policy_gradient_loss	-0.000392
value_loss	0.612

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	153
time_elapsed	651
total_timesteps	78336
train/	
approx_kl	9.454135e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.0712
learning_rate	1e-06
loss	0.134
n_updates	1520
policy_gradient_loss	-0.000345

value_loss	0.443

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	154
time_elapsed	656
total_timesteps	78848
train/	
approx_kl	0.000119444216
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.72
learning_rate	1e-06
loss	26.9
n_updates	1530
policy_gradient_loss	0.000253
value_loss	63.9

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	155
time_elapsed	660
total_timesteps	79360
train/	
approx_kl	5.813397e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	0.18
learning_rate	1e-06
loss	0.11
n_updates	1540
policy_gradient_loss	-0.000176
value_loss	0.342

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	156
time_elapsed	664
total_timesteps	79872
train/	
approx_kl	0.000209386
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.00307
learning_rate	1e-06
loss	0.118
n_updates	1550
policy_gradient_loss	-0.000628
value_loss	0.255

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	157
time_elapsed	669
total_timesteps	80384
train/	
approx_kl	3.1490577e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.101
learning_rate	1e-06
loss	0.0778
n_updates	1560

policy_gradient_loss	-0.000136
value_loss	0.247

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	158
time_elapsed	673
total_timesteps	80896
train/	
approx_kl	6.720028e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.125
learning_rate	1e-06
loss	0.0411
n_updates	1570
policy_gradient_loss	-0.000125
value_loss	0.129

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	159
time_elapsed	677
total_timesteps	81408
train/	
approx_kl	0.0003707083
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.145
learning_rate	1e-06
loss	0.0419
n_updates	1580
policy_gradient_loss	-0.00148
value_loss	0.129

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	160
time_elapsed	681
total_timesteps	81920
train/	
approx_kl	6.86025e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.0205
learning_rate	1e-06
loss	0.0588
n_updates	1590
policy_gradient_loss	-0.00021
value_loss	0.108

rollout/	
ep_len_mean	1.66e+04
ep_rew_mean	744
time/	
fps	120
iterations	161
time_elapsed	686
total_timesteps	82432
train/	
approx_kl	0.0005426486
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.169
learning_rate	1e-06
loss	0.0383

n_updates	1600
policy_gradient_loss	-0.0015
value_loss	0.119

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	162
time_elapsed	690
total_timesteps	82944
train/	
approx_kl	0.00026708597
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.0598
learning_rate	1e-06
loss	0.06
n_updates	1610
policy_gradient_loss	-0.000841
value_loss	0.119

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	163
time_elapsed	694
total_timesteps	83456
train/	
approx_kl	0.0016368447
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-1.8
explained_variance	0.74
learning_rate	1e-06
loss	140
n_updates	1620
policy_gradient_loss	-0.000415
value_loss	371

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	164
time_elapsed	698
total_timesteps	83968
train/	
approx_kl	7.59043e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.8
explained_variance	-0.0922
learning_rate	1e-06
loss	0.117
n_updates	1630
policy_gradient_loss	-0.000167
value_loss	2.49

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	165
time_elapsed	702
total_timesteps	84480
train/	
approx_kl	0.00022923038
clip_fraction	0
clip_range	0.2
entropy_loss	-1.81
explained_variance	-0.163
learning_rate	1e-06

loss	0.17
n_updates	1640
policy_gradient_loss	-0.00078
value_loss	1.53

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	166
time_elapsed	706
total_timesteps	84992
train/	
approx_kl	0.0002044912
clip_fraction	0
clip_range	0.2
entropy_loss	-1.81
explained_variance	-0.199
learning_rate	1e-06
loss	0.0875
n_updates	1650
policy_gradient_loss	-0.000811
value_loss	1.28

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	167
time_elapsed	710
total_timesteps	85504
train/	
approx_kl	7.568754e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	-0.263
learning_rate	1e-06
loss	0.119
n_updates	1660
policy_gradient_loss	-0.000437
value_loss	0.891

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	168
time_elapsed	714
total_timesteps	86016
train/	
approx_kl	0.00020214892
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	-0.0817
learning_rate	1e-06
loss	0.0784
n_updates	1670
policy_gradient_loss	-0.000761
value_loss	0.524

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	169
time_elapsed	719
total_timesteps	86528
train/	
approx_kl	0.00011157757
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	0.728

learning_rate	1e-06
loss	48.1
n_updates	1680
policy_gradient_loss	0.000107
value_loss	77.9

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	170
time_elapsed	723
total_timesteps	87040
train/	
approx_kl	0.0004431908
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	-0.163
learning_rate	1e-06
loss	0.0489
n_updates	1690
policy_gradient_loss	-0.00168
value_loss	0.114

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	171
time_elapsed	727
total_timesteps	87552
train/	
approx_kl	0.00033525296
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	0.0248
learning_rate	1e-06
loss	0.0322
n_updates	1700
policy_gradient_loss	-0.000879
value_loss	0.0846

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	172
time_elapsed	731
total_timesteps	88064
train/	
approx_kl	0.00026162574
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	0.0999
learning_rate	1e-06
loss	0.0325
n_updates	1710
policy_gradient_loss	-0.00109
value_loss	0.0858

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	173
time_elapsed	735
total_timesteps	88576
train/	
approx_kl	0.00018061779
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82

explained_variance	-0.197
learning_rate	1e-06
loss	0.061
n_updates	1720
policy_gradient_loss	-0.000548
value_loss	0.113

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	174
time_elapsed	739
total_timesteps	89088
train/	
approx_kl	0.00062003895
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	-0.0334
learning_rate	1e-06
loss	0.049
n_updates	1730
policy_gradient_loss	-0.00294
value_loss	0.105

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	175
time_elapsed	744
total_timesteps	89600
train/	
approx_kl	6.586569e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.82
explained_variance	-0.0302
learning_rate	1e-06
loss	0.0768
n_updates	1740
policy_gradient_loss	-0.000234
value_loss	0.107

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	176
time_elapsed	749
total_timesteps	90112
train/	
approx_kl	0.000915473
clip_fraction	0
clip_range	0.2
entropy_loss	-1.81
explained_variance	0.0831
learning_rate	1e-06
loss	0.0404
n_updates	1750
policy_gradient_loss	-0.0027
value_loss	0.0957

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	177
time_elapsed	753
total_timesteps	90624
train/	
approx_kl	0.00029088347
clip_fraction	0
clip_range	0.2

entropy_loss	-1.81
explained_variance	-0.169
learning_rate	1e-06
loss	0.0503
n_updates	1760
policy_gradient_loss	-0.000938
value_loss	0.113

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	178
time_elapsed	757
total_timesteps	91136
train/	
approx_kl	0.00043493207
clip_fraction	0
clip_range	0.2
entropy_loss	-1.81
explained_variance	0.0024
learning_rate	1e-06
loss	0.0392
n_updates	1770
policy_gradient_loss	-0.00194
value_loss	0.103

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	179
time_elapsed	761
total_timesteps	91648
train/	
approx_kl	0.0006358484
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.77
explained_variance	0.584
learning_rate	1e-06
loss	91.2
n_updates	1780
policy_gradient_loss	-0.000211
value_loss	241

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	180
time_elapsed	765
total_timesteps	92160
train/	
approx_kl	0.0002433263
clip_fraction	0
clip_range	0.2
entropy_loss	-1.77
explained_variance	0.84
learning_rate	1e-06
loss	20.2
n_updates	1790
policy_gradient_loss	0.00022
value_loss	53.6

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	181
time_elapsed	770
total_timesteps	92672
train/	
approx_kl	5.2010524e-05
clip_fraction	0

clip_range	0.2
entropy_loss	-1.76
explained_variance	0.701
learning_rate	1e-06
loss	75
n_updates	1800
policy_gradient_loss	0.000197
value_loss	76.2

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	182
time_elapsed	774
total_timesteps	93184
train/	
approx_kl	0.00010332069
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	0.842
learning_rate	1e-06
loss	3.11
n_updates	1810
policy_gradient_loss	-0.000912
value_loss	7.82

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	183
time_elapsed	778
total_timesteps	93696
train/	
approx_kl	0.00024309545
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.178
learning_rate	1e-06
loss	0.122
n_updates	1820
policy_gradient_loss	-0.00084
value_loss	0.513

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	184
time_elapsed	782
total_timesteps	94208
train/	
approx_kl	1.3534096e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.79
explained_variance	0.148
learning_rate	1e-06
loss	0.164
n_updates	1830
policy_gradient_loss	0.000168
value_loss	0.498

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	185
time_elapsed	786
total_timesteps	94720
train/	
approx_kl	5.444314e-05

clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.193
learning_rate	1e-06
loss	0.235
n_updates	1840
policy_gradient_loss	-0.000353
value_loss	0.497

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	186
time_elapsed	790
total_timesteps	95232
train/	
approx_kl	0.0001515185
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.0507
learning_rate	1e-06
loss	0.127
n_updates	1850
policy_gradient_loss	-0.000558
value_loss	0.301

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	187
time_elapsed	795
total_timesteps	95744
train/	
approx_kl	0.00036772666
clip_fraction	0
clip_range	0.2
entropy_loss	-1.79
explained_variance	-0.069
learning_rate	1e-06
loss	0.129
n_updates	1860
policy_gradient_loss	-0.00112
value_loss	0.276

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	188
time_elapsed	799
total_timesteps	96256
train/	
approx_kl	0.00056229543
clip_fraction	0
clip_range	0.2
entropy_loss	-1.79
explained_variance	-0.00442
learning_rate	1e-06
loss	0.127
n_updates	1870
policy_gradient_loss	-0.00164
value_loss	0.271

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	189
time_elapsed	803
total_timesteps	96768
train/	

approx_kl	0.0006865078
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.00536
learning_rate	1e-06
loss	0.105
n_updates	1880
policy_gradient_loss	-0.00211
value_loss	0.201

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	190
time_elapsed	807
total_timesteps	97280
train/	
approx_kl	0.00016990537
clip_fraction	0
clip_range	0.2
entropy_loss	-1.77
explained_variance	-0.0652
learning_rate	1e-06
loss	0.0363
n_updates	1890
policy_gradient_loss	-0.000443
value_loss	0.118

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	191
time_elapsed	811
total_timesteps	97792
train/	
approx_kl	0.0001774251
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.185
learning_rate	1e-06
loss	0.0633
n_updates	1900
policy_gradient_loss	-0.000777
value_loss	0.143

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	192
time_elapsed	815
total_timesteps	98304
train/	
approx_kl	0.0006344067
clip_fraction	0
clip_range	0.2
entropy_loss	-1.78
explained_variance	-0.0607
learning_rate	1e-06
loss	0.0501
n_updates	1910
policy_gradient_loss	-0.0025
value_loss	0.111

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	193
time_elapsed	820
total_timesteps	98816

train/	
approx_kl	0.0012138832
clip_fraction	0
clip_range	0.2
entropy_loss	-1.77
explained_variance	-0.119
learning_rate	1e-06
loss	0.0354
n_updates	1920
policy_gradient_loss	-0.00236
value_loss	0.103

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	194
time_elapsed	824
total_timesteps	99328
train/	
approx_kl	0.0004957975
clip_fraction	0
clip_range	0.2
entropy_loss	-1.74
explained_variance	0.88
learning_rate	1e-06
loss	21.5
n_updates	1930
policy_gradient_loss	-0.000783
value_loss	65.7

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	195
time_elapsed	828
total_timesteps	99840
train/	
approx_kl	0.0006033289
clip_fraction	0
clip_range	0.2
entropy_loss	-1.69
explained_variance	0.833
learning_rate	1e-06
loss	52.5
n_updates	1940
policy_gradient_loss	-0.0014
value_loss	157

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	196
time_elapsed	833
total_timesteps	100352
train/	
approx_kl	0.000120597775
clip_fraction	0
clip_range	0.2
entropy_loss	-1.7
explained_variance	0.632
learning_rate	1e-06
loss	43.8
n_updates	1950
policy_gradient_loss	-0.00129
value_loss	115

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	197
time_elapsed	837

total_timesteps	100864
train/	
approx_kl	0.0002428405
clip_fraction	0
clip_range	0.2
entropy_loss	-1.71
explained_variance	-1.34
learning_rate	1e-06
loss	0.145
n_updates	1960
policy_gradient_loss	-0.000765
value_loss	1.13

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	198
time_elapsed	841
total_timesteps	101376
train/	
approx_kl	0.0005198731
clip_fraction	0
clip_range	0.2
entropy_loss	-1.71
explained_variance	-0.666
learning_rate	1e-06
loss	0.0778
n_updates	1970
policy_gradient_loss	-0.000585
value_loss	0.688

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	199
time_elapsed	845
total_timesteps	101888
train/	
approx_kl	4.964636e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.69
explained_variance	-0.679
learning_rate	1e-06
loss	0.0995
n_updates	1980
policy_gradient_loss	-0.000113
value_loss	0.583

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	200
time_elapsed	849
total_timesteps	102400
train/	
approx_kl	0.00037927378
clip_fraction	0
clip_range	0.2
entropy_loss	-1.7
explained_variance	-0.778
learning_rate	1e-06
loss	0.076
n_updates	1990
policy_gradient_loss	-0.00107
value_loss	0.63

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	201

time_elapsed	854
total_timesteps	102912
train/	
approx_kl	0.00029301795
clip_fraction	0
clip_range	0.2
entropy_loss	-1.71
explained_variance	-0.505
learning_rate	1e-06
loss	0.0736
n_updates	2000
policy_gradient_loss	-0.00141
value_loss	0.293

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	202
time_elapsed	858
total_timesteps	103424
train/	
approx_kl	0.00042001822
clip_fraction	0
clip_range	0.2
entropy_loss	-1.71
explained_variance	-0.397
learning_rate	1e-06
loss	0.0722
n_updates	2010
policy_gradient_loss	-0.000977
value_loss	0.241

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	203
time_elapsed	862
total_timesteps	103936
train/	
approx_kl	0.0004543477
clip_fraction	0
clip_range	0.2
entropy_loss	-1.7
explained_variance	-0.399
learning_rate	1e-06
loss	0.0604
n_updates	2020
policy_gradient_loss	-0.00106
value_loss	0.216

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	204
time_elapsed	866
total_timesteps	104448
train/	
approx_kl	0.00032730552
clip_fraction	0
clip_range	0.2
entropy_loss	-1.69
explained_variance	-0.73
learning_rate	1e-06
loss	0.0992
n_updates	2030
policy_gradient_loss	-0.0012
value_loss	0.262

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120

iterations	205
time_elapsed	870
total_timesteps	104960
train/	
approx_kl	0.0004484147
clip_fraction	0
clip_range	0.2
entropy_loss	-1.68
explained_variance	-0.14
learning_rate	1e-06
loss	0.0842
n_updates	2040
policy_gradient_loss	-0.00116
value_loss	0.213

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	206
time_elapsed	874
total_timesteps	105472
train/	
approx_kl	0.00021016388
clip_fraction	0
clip_range	0.2
entropy_loss	-1.67
explained_variance	-0.182
learning_rate	1e-06
loss	0.0605
n_updates	2050
policy_gradient_loss	-0.000653
value_loss	0.131

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	207
time_elapsed	878
total_timesteps	105984
train/	
approx_kl	0.00041943602
clip_fraction	0
clip_range	0.2
entropy_loss	-1.67
explained_variance	-0.0381
learning_rate	1e-06
loss	0.0409
n_updates	2060
policy_gradient_loss	-0.00101
value_loss	0.116

rollout/	
ep_len_mean	1.65e+04
ep_rew_mean	743
time/	
fps	120
iterations	208
time_elapsed	882
total_timesteps	106496
train/	
approx_kl	0.00049968483
clip_fraction	0
clip_range	0.2
entropy_loss	-1.66
explained_variance	-0.336
learning_rate	1e-06
loss	0.0682
n_updates	2070
policy_gradient_loss	-0.000886
value_loss	0.139

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	

fps	120
iterations	209
time_elapsed	887
total_timesteps	107008
train/	
approx_kl	0.00050525926
clip_fraction	0
clip_range	0.2
entropy_loss	-1.63
explained_variance	-0.205
learning_rate	1e-06
loss	0.0841
n_updates	2080
policy_gradient_loss	-0.0015
value_loss	0.144

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	210
time_elapsed	891
total_timesteps	107520
train/	
approx_kl	0.0023892722
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-1.52
explained_variance	0.833
learning_rate	1e-06
loss	105
n_updates	2090
policy_gradient_loss	-0.00348
value_loss	317

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	211
time_elapsed	895
total_timesteps	108032
train/	
approx_kl	5.6263176e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.54
explained_variance	0.65
learning_rate	1e-06
loss	35.8
n_updates	2100
policy_gradient_loss	-0.00015
value_loss	79.3

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	212
time elapsed	899
total_timesteps	108544
train/	
approx_kl	0.0011093754
clip_fraction	0
clip_range	0.2
entropy_loss	-1.41
explained_variance	0.806
learning_rate	1e-06
loss	81.3
n_updates	2110
policy_gradient_loss	-0.00135
value_loss	190

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750

time/	
fps	120
iterations	213
time_elapsed	903
total_timesteps	109056
train/	
approx_kl	4.971167e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	0.684
learning_rate	1e-06
loss	27.3
n_updates	2120
policy_gradient_loss	-0.000647
value_loss	113

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	214
time_elapsed	907
total_timesteps	109568
train/	
approx_kl	0.00028443267
clip_fraction	0
clip_range	0.2
entropy_loss	-1.54
explained_variance	-1.14
learning_rate	1e-06
loss	0.25
n_updates	2130
policy_gradient_loss	-0.000204
value_loss	1.61

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	215
time_elapsed	912
total_timesteps	110080
train/	
approx_kl	0.0001322322
clip_fraction	0
clip_range	0.2
entropy_loss	-1.56
explained_variance	-2.19
learning_rate	1e-06
loss	0.339
n_updates	2140
policy_gradient_loss	0.000233
value_loss	1.8

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	216
time_elapsed	917
total_timesteps	110592
train/	
approx_kl	0.0008121539
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-1.76
learning_rate	1e-06
loss	0.151
n_updates	2150
policy_gradient_loss	-0.00131
value_loss	1.08

rollout/	
ep_len_mean	1.78e+04

ep_rew_mean	750
time/	
fps	120
iterations	217
time_elapsed	921
total_timesteps	111104
train/	
approx_kl	0.00015385274
clip_fraction	0
clip_range	0.2
entropy_loss	-1.58
explained_variance	-1.83
learning_rate	1e-06
loss	0.517
n_updates	2160
policy_gradient_loss	-0.00035
value_loss	1.06

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	218
time_elapsed	925
total_timesteps	111616
train/	
approx_kl	9.3973824e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.58
explained_variance	-1.78
learning_rate	1e-06
loss	0.146
n_updates	2170
policy_gradient_loss	-7.52e-05
value_loss	0.551

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	219
time_elapsed	929
total_timesteps	112128
train/	
approx_kl	0.00016103568
clip_fraction	0
clip_range	0.2
entropy_loss	-1.58
explained_variance	-1.33
learning_rate	1e-06
loss	0.131
n_updates	2180
policy_gradient_loss	-0.000159
value_loss	0.435

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	220
time_elapsed	933
total_timesteps	112640
train/	
approx_kl	0.000348413
clip_fraction	0
clip_range	0.2
entropy_loss	-1.56
explained_variance	-1.48
learning_rate	1e-06
loss	0.132
n_updates	2190
policy_gradient_loss	-0.00062
value_loss	0.372

rollout/	
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ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	221
time_elapsed	937
total_timesteps	113152
train/	
approx_kl	0.00037121843
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-0.953
learning_rate	1e-06
loss	0.121
n_updates	2200
policy_gradient_loss	-0.000797
value_loss	0.302

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	222
time_elapsed	942
total_timesteps	113664
train/	
approx_kl	9.2747854e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.45
explained_variance	0.273
learning_rate	1e-06
loss	41
n_updates	2210
policy_gradient_loss	-0.000458
value_loss	164

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	223
time_elapsed	946
total_timesteps	114176
train/	
approx_kl	0.0002392705
clip_fraction	0
clip_range	0.2
entropy_loss	-1.47
explained_variance	-0.396
learning_rate	1e-06
loss	0.244
n_updates	2220
policy_gradient_loss	-0.000227
value_loss	3.68

rollout/	
ep_len_mean	1.78e+04
ep_rew_mean	750
time/	
fps	120
iterations	224
time_elapsed	950
total_timesteps	114688
train/	
approx_kl	0.00019989489
clip_fraction	0
clip_range	0.2
entropy_loss	-1.47
explained_variance	-0.622
learning_rate	1e-06
loss	0.304
n_updates	2230
policy_gradient_loss	-0.000224
value_loss	2.64

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	225
time_elapsed	954
total_timesteps	115200
train/	
approx_kl	0.001299006
clip_fraction	0
clip_range	0.2
entropy_loss	-1.4
explained_variance	0.631
learning_rate	1e-06
loss	123
n_updates	2240
policy_gradient_loss	0.00107
value_loss	347

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	226
time_elapsed	958
total_timesteps	115712
train/	
approx_kl	0.00449112
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.129
learning_rate	1e-06
loss	80.4
n_updates	2250
policy_gradient_loss	-0.0033
value_loss	368

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	227
time_elapsed	962
total_timesteps	116224
train/	
approx_kl	0.00049066346
clip_fraction	0
clip_range	0.2
entropy_loss	-1.46
explained_variance	0.31
learning_rate	1e-06
loss	1.82
n_updates	2260
policy_gradient_loss	0.000343
value_loss	6.13

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	228
time_elapsed	967
total_timesteps	116736
train/	
approx_kl	0.0009267309
clip_fraction	0
clip_range	0.2
entropy_loss	-1.49
explained_variance	-0.563
learning_rate	1e-06
loss	0.157
n_updates	2270
policy_gradient_loss	-0.00119
value_loss	1.55

rollout/		
ep_len_mean		1.64e+04
ep_rew_mean		898
time/		
fps		120
iterations		229
time_elapsed		971
total_timesteps		117248
train/		
approx_kl		0.00057850813
clip_fraction		0
clip_range		0.2
entropy_loss		-1.52
explained_variance		-0.367
learning_rate		1e-06
loss		0.15
n_updates		2280
policy_gradient_loss		-0.000936
value_loss		1.21

rollout/		
ep_len_mean		1.64e+04
ep_rew_mean		898
time/		
fps		120
iterations		230
time_elapsed		975
total_timesteps		117760
train/		
approx_kl		0.00010220928
clip_fraction		0
clip_range		0.2
entropy_loss		-1.54
explained_variance		-0.558
learning_rate		1e-06
loss		0.137
n_updates		2290
policy_gradient_loss		0.000109
value_loss		0.739

rollout/		
ep_len_mean		1.64e+04
ep_rew_mean		898
time/		
fps		120
iterations		231
time_elapsed		979
total_timesteps		118272
train/		
approx_kl		8.196407e-05
clip_fraction		0
clip_range		0.2
entropy_loss		-1.54
explained_variance		-0.473
learning_rate		1e-06
loss		0.0943
n_updates		2300
policy_gradient_loss		-0.000399
value_loss		0.548

rollout/		
ep_len_mean		1.64e+04
ep_rew_mean		898
time/		
fps		120
iterations		232
time_elapsed		983
total_timesteps		118784
train/		
approx_kl		0.00035250734
clip_fraction		0
clip_range		0.2
entropy_loss		-1.49
explained_variance		0.712
learning_rate		1e-06
loss		81.5
n_updates		2310
policy_gradient_loss		-1.48e-05
value_loss		190

rollout/		
ep_len_mean	1.64e+04	
ep_rew_mean	898	
time/		
fps	120	
iterations	233	
time_elapsed	987	
total_timesteps	119296	
train/		
approx_kl	8.3913095e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.45	
explained_variance	-0.0781	
learning_rate	1e-06	
loss	0.335	
n_updates	2320	
policy_gradient_loss	0.000289	
value_loss	4.57	

rollout/		
ep_len_mean	1.64e+04	
ep_rew_mean	898	
time/		
fps	120	
iterations	234	
time_elapsed	992	
total_timesteps	119808	
train/		
approx_kl	0.0010882912	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.47	
explained_variance	-0.354	
learning_rate	1e-06	
loss	0.389	
n_updates	2330	
policy_gradient_loss	-0.00279	
value_loss	2.81	

rollout/		
ep_len_mean	1.64e+04	
ep_rew_mean	898	
time/		
fps	120	
iterations	235	
time_elapsed	997	
total_timesteps	120320	
train/		
approx_kl	0.0014331315	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.51	
explained_variance	-0.153	
learning_rate	1e-06	
loss	0.077	
n_updates	2340	
policy_gradient_loss	-0.00151	
value_loss	1.89	

rollout/		
ep_len_mean	1.64e+04	
ep_rew_mean	898	
time/		
fps	120	
iterations	236	
time_elapsed	1000	
total_timesteps	120832	
train/		
approx_kl	0.00013321603	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.54	
explained_variance	-0.199	
learning_rate	1e-06	
loss	0.153	
n_updates	2350	
policy_gradient_loss	-0.000269	

value_loss	1.33
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rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	237
time_elapsed	1004
total_timesteps	121344
train/	
approx_kl	0.00039430603
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-0.101
learning_rate	1e-06
loss	0.0881
n_updates	2360
policy_gradient_loss	-0.000481
value_loss	0.7

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	238
time_elapsed	1009
total_timesteps	121856
train/	
approx_kl	4.1498337e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.54
explained_variance	-0.125
learning_rate	1e-06
loss	0.101
n_updates	2370
policy_gradient_loss	5.08e-05
value_loss	0.638

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	239
time_elapsed	1013
total_timesteps	122368
train/	
approx_kl	0.00031693117
clip_fraction	0
clip_range	0.2
entropy_loss	-1.54
explained_variance	-0.101
learning_rate	1e-06
loss	0.095
n_updates	2380
policy_gradient_loss	-0.000656
value_loss	0.429

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	240
time_elapsed	1017
total_timesteps	122880
train/	
approx_kl	0.0009949636
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-0.393
learning_rate	1e-06
loss	0.0912
n_updates	2390

policy_gradient_loss	-0.0023
value_loss	0.339

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	241
time_elapsed	1021
total_timesteps	123392
train/	
approx_kl	0.00018194364
clip_fraction	0
clip_range	0.2
entropy_loss	-1.57
explained_variance	-0.112
learning_rate	1e-06
loss	0.0442
n_updates	2400
policy_gradient_loss	-0.000341
value_loss	0.251

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	242
time_elapsed	1025
total_timesteps	123904
train/	
approx_kl	0.00074143463
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.43
explained_variance	0.583
learning_rate	1e-06
loss	68.5
n_updates	2410
policy_gradient_loss	-0.00122
value_loss	246

rollout/	
ep_len_mean	1.64e+04
ep_rew_mean	898
time/	
fps	120
iterations	243
time_elapsed	1029
total_timesteps	124416
train/	
approx_kl	0.00040035427
clip_fraction	0
clip_range	0.2
entropy_loss	-1.57
explained_variance	-0.109
learning_rate	1e-06
loss	0.252
n_updates	2420
policy_gradient_loss	-0.000362
value_loss	1.34

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	120
iterations	244
time_elapsed	1033
total_timesteps	124928
train/	
approx_kl	0.0016003514
clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	0.634
learning_rate	1e-06
loss	176

n_updates	2430
policy_gradient_loss	-0.00311
value_loss	336

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	120
iterations	245
time_elapsed	1036
total_timesteps	125440
train/	
approx_kl	0.0024518673
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.37
explained_variance	0.798
learning_rate	1e-06
loss	137
n_updates	2440
policy_gradient_loss	0.0024
value_loss	327

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	246
time_elapsed	1040
total_timesteps	125952
train/	
approx_kl	0.00039740454
clip_fraction	0
clip_range	0.2
entropy_loss	-1.46
explained_variance	-0.669
learning_rate	1e-06
loss	0.337
n_updates	2450
policy_gradient_loss	-0.000223
value_loss	4.52

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	247
time_elapsed	1044
total_timesteps	126464
train/	
approx_kl	0.00016675051
clip_fraction	0
clip_range	0.2
entropy_loss	-1.48
explained_variance	0.824
learning_rate	1e-06
loss	67.9
n_updates	2460
policy_gradient_loss	0.000363
value_loss	111

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	248
time_elapsed	1048
total_timesteps	126976
train/	
approx_kl	0.00027967314
clip_fraction	0
clip_range	0.2
entropy_loss	-1.53
explained_variance	-0.815
learning_rate	1e-06

loss	0.103
n_updates	2470
policy_gradient_loss	-0.00059
value_loss	0.284

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	249
time_elapsed	1052
total_timesteps	127488
train/	
approx_kl	0.00022773817
clip_fraction	0
clip_range	0.2
entropy_loss	-1.53
explained_variance	-0.4
learning_rate	1e-06
loss	0.0623
n_updates	2480
policy_gradient_loss	-0.000775
value_loss	0.229

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	250
time_elapsed	1056
total_timesteps	128000
train/	
approx_kl	0.0003456655
clip_fraction	0
clip_range	0.2
entropy_loss	-1.52
explained_variance	-0.741
learning_rate	1e-06
loss	0.106
n_updates	2490
policy_gradient_loss	-0.000895
value_loss	0.242

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	251
time_elapsed	1060
total_timesteps	128512
train/	
approx_kl	0.0002856435
clip_fraction	0
clip_range	0.2
entropy_loss	-1.53
explained_variance	-0.677
learning_rate	1e-06
loss	0.151
n_updates	2500
policy_gradient_loss	-0.000839
value_loss	0.19

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	252
time_elapsed	1064
total_timesteps	129024
train/	
approx_kl	0.00030214607
clip_fraction	0
clip_range	0.2
entropy_loss	-1.52
explained_variance	-0.732

learning_rate	1e-06
loss	0.0645
n_updates	2510
policy_gradient_loss	-0.000872
value_loss	0.206

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	253
time_elapsed	1068
total_timesteps	129536
train/	
approx_kl	0.0003859579
clip_fraction	0
clip_range	0.2
entropy_loss	-1.52
explained_variance	-0.119
learning_rate	1e-06
loss	0.0496
n_updates	2520
policy_gradient_loss	-0.000894
value_loss	0.118

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	254
time_elapsed	1073
total_timesteps	130048
train/	
approx_kl	0.0016416278
clip_fraction	0
clip_range	0.2
entropy_loss	-1.51
explained_variance	-0.434
learning_rate	1e-06
loss	0.0674
n_updates	2530
policy_gradient_loss	-0.00164
value_loss	0.15

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	255
time_elapsed	1077
total_timesteps	130560
train/	
approx_kl	0.00077880535
clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	-0.705
learning_rate	1e-06
loss	0.113
n_updates	2540
policy_gradient_loss	-0.00137
value_loss	0.203

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	256
time_elapsed	1082
total_timesteps	131072
train/	
approx_kl	0.00028818147
clip_fraction	0
clip_range	0.2
entropy_loss	-1.53

explained_variance	-0.253
learning_rate	1e-06
loss	0.0439
n_updates	2550
policy_gradient_loss	-0.000554
value_loss	0.135

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	257
time_elapsed	1086
total_timesteps	131584
train/	
approx_kl	0.00071169354
clip_fraction	0
clip_range	0.2
entropy_loss	-1.53
explained_variance	-0.384
learning_rate	1e-06
loss	0.0815
n_updates	2560
policy_gradient_loss	-0.00118
value_loss	0.173

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	258
time_elapsed	1090
total_timesteps	132096
train/	
approx_kl	0.0009198907
clip_fraction	0
clip_range	0.2
entropy_loss	-1.54
explained_variance	-0.666
learning_rate	1e-06
loss	0.0673
n_updates	2570
policy_gradient_loss	-0.00204
value_loss	0.157

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	259
time_elapsed	1094
total_timesteps	132608
train/	
approx_kl	0.00019435002
clip_fraction	0
clip_range	0.2
entropy_loss	-1.52
explained_variance	-0.773
learning_rate	1e-06
loss	0.0841
n_updates	2580
policy_gradient_loss	-0.000543
value_loss	0.188

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	260
time_elapsed	1099
total_timesteps	133120
train/	
approx_kl	5.4066186e-05
clip_fraction	0
clip_range	0.2

entropy_loss	-1.51
explained_variance	0.841
learning_rate	1e-06
loss	18.5
n_updates	2590
policy_gradient_loss	6.47e-05
value_loss	41.8

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	261
time_elapsed	1103
total_timesteps	133632
train/	
approx_kl	0.0006178096
clip_fraction	0
clip_range	0.2
entropy_loss	-1.31
explained_variance	0.843
learning_rate	1e-06
loss	92.5
n_updates	2600
policy_gradient_loss	-0.000948
value_loss	210

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	262
time_elapsed	1107
total_timesteps	134144
train/	
approx_kl	0.000834984
clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	-0.318
learning_rate	1e-06
loss	0.184
n_updates	2610
policy_gradient_loss	-0.00155
value_loss	0.404

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	263
time_elapsed	1111
total_timesteps	134656
train/	
approx_kl	7.438043e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.48
explained_variance	-0.133
learning_rate	1e-06
loss	0.136
n_updates	2620
policy_gradient_loss	-0.000274
value_loss	0.364

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	264
time_elapsed	1115
total_timesteps	135168
train/	
approx_kl	0.00023365521
clip_fraction	0

clip_range	0.2
entropy_loss	-1.48
explained_variance	-0.0728
learning_rate	1e-06
loss	0.135
n_updates	2630
policy_gradient_loss	-0.00068
value_loss	0.367

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	265
time_elapsed	1119
total_timesteps	135680
train/	
approx_kl	0.0006444376
clip_fraction	0
clip_range	0.2
entropy_loss	-1.49
explained_variance	-0.163
learning_rate	1e-06
loss	0.19
n_updates	2640
policy_gradient_loss	-0.00187
value_loss	0.326

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	266
time_elapsed	1124
total_timesteps	136192
train/	
approx_kl	0.00038213748
clip_fraction	0
clip_range	0.2
entropy_loss	-1.47
explained_variance	-0.0291
learning_rate	1e-06
loss	0.118
n_updates	2650
policy_gradient_loss	-0.000881
value_loss	0.268

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	267
time_elapsed	1128
total_timesteps	136704
train/	
approx_kl	0.0003112976
clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	-0.0582
learning_rate	1e-06
loss	0.131
n_updates	2660
policy_gradient_loss	-0.00102
value_loss	0.268

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	268
time_elapsed	1132
total_timesteps	137216
train/	
approx_kl	0.00023340143

clip_fraction	0
clip_range	0.2
entropy_loss	-1.5
explained_variance	-0.0379
learning_rate	1e-06
loss	0.152
n_updates	2670
policy_gradient_loss	-0.00105
value_loss	0.277

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	269
time_elapsed	1136
total_timesteps	137728
train/	
approx_kl	0.0011022892
clip_fraction	0
clip_range	0.2
entropy_loss	-1.51
explained_variance	-0.0597
learning_rate	1e-06
loss	0.117
n_updates	2680
policy_gradient_loss	-0.00188
value_loss	0.26

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	270
time_elapsed	1140
total_timesteps	138240
train/	
approx_kl	0.00082241837
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-0.0979
learning_rate	1e-06
loss	0.127
n_updates	2690
policy_gradient_loss	-0.00215
value_loss	0.289

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	271
time_elapsed	1144
total_timesteps	138752
train/	
approx_kl	0.00025147083
clip_fraction	0
clip_range	0.2
entropy_loss	-1.57
explained_variance	-0.711
learning_rate	1e-06
loss	0.0857
n_updates	2700
policy_gradient_loss	-0.000352
value_loss	0.221

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	272
time_elapsed	1148
total_timesteps	139264
train/	

approx_kl	0.002196107
clip_fraction	0
clip_range	0.2
entropy_loss	-1.55
explained_variance	-0.109
learning_rate	1e-06
loss	0.037
n_updates	2710
policy_gradient_loss	-0.00383
value_loss	0.115

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	273
time_elapsed	1152
total_timesteps	139776
train/	
approx_kl	0.000385307
clip_fraction	0
clip_range	0.2
entropy_loss	-1.41
explained_variance	0.755
learning_rate	1e-06
loss	104
n_updates	2720
policy_gradient_loss	-0.00106
value_loss	167

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	274
time_elapsed	1156
total_timesteps	140288
train/	
approx_kl	0.0040774113
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-1.3
explained_variance	0.86
learning_rate	1e-06
loss	70.8
n_updates	2730
policy_gradient_loss	0.000126
value_loss	190

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	275
time_elapsed	1160
total_timesteps	140800
train/	
approx_kl	0.00028228317
clip_fraction	0
clip_range	0.2
entropy_loss	-1.28
explained_variance	0.912
learning_rate	1e-06
loss	57
n_updates	2740
policy_gradient_loss	-0.000266
value_loss	154

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	276
time_elapsed	1164
total_timesteps	141312

train/	
approx_kl	6.6825654e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.43
explained_variance	-1.02
learning_rate	1e-06
loss	0.0842
n_updates	2750
policy_gradient_loss	0.000232
value_loss	0.709

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	277
time_elapsed	1168
total_timesteps	141824
train/	
approx_kl	0.0006680668
clip_fraction	0
clip_range	0.2
entropy_loss	-1.43
explained_variance	-0.297
learning_rate	1e-06
loss	0.0846
n_updates	2760
policy_gradient_loss	-0.00115
value_loss	0.357

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	278
time_elapsed	1172
total_timesteps	142336
train/	
approx_kl	0.0006459082
clip_fraction	0
clip_range	0.2
entropy_loss	-1.46
explained_variance	0.000749
learning_rate	1e-06
loss	0.0668
n_updates	2770
policy_gradient_loss	-0.00071
value_loss	0.395

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	279
time_elapsed	1176
total_timesteps	142848
train/	
approx_kl	0.00022613932
clip_fraction	0
clip_range	0.2
entropy_loss	-1.48
explained_variance	-0.17
learning_rate	1e-06
loss	0.0856
n_updates	2780
policy_gradient_loss	-0.000399
value_loss	0.248

rollout/	
ep_len_mean	1.56e+04
ep_rew_mean	962
time/	
fps	121
iterations	280
time_elapsed	1180

total_timesteps	143360
train/	
approx_kl	0.0001547623
clip_fraction	0
clip_range	0.2
entropy_loss	-1.48
explained_variance	-0.277
learning_rate	1e-06
loss	0.0678
n_updates	2790
policy_gradient_loss	-0.000519
value_loss	0.214

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	281
time_elapsed	1183
total_timesteps	143872
train/	
approx_kl	0.00029796618
clip_fraction	0
clip_range	0.2
entropy_loss	-1.49
explained_variance	0.0566
learning_rate	1e-06
loss	0.0932
n_updates	2800
policy_gradient_loss	-0.00126
value_loss	0.225

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	282
time_elapsed	1187
total_timesteps	144384
train/	
approx_kl	0.0026736483
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.733
learning_rate	1e-06
loss	124
n_updates	2810
policy_gradient_loss	0.0055
value_loss	525

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	283
time_elapsed	1191
total_timesteps	144896
train/	
approx_kl	0.0010056965
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.822
learning_rate	1e-06
loss	87.5
n_updates	2820
policy_gradient_loss	-0.00292
value_loss	265

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	284

time_elapsed	1195
total_timesteps	145408
train/	
approx_kl	0.0006447752
clip_fraction	0
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.891
learning_rate	1e-06
loss	43
n_updates	2830
policy_gradient_loss	0.000339
value_loss	180

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	285
time_elapsed	1199
total_timesteps	145920
train/	
approx_kl	8.073682e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.671
learning_rate	1e-06
loss	138
n_updates	2840
policy_gradient_loss	8.39e-05
value_loss	184

rollout/	
ep_len_mean	1.59e+04
ep_rew_mean	1e+03
time/	
fps	121
iterations	286
time_elapsed	1203
total_timesteps	146432
train/	
approx_kl	0.00022678275
clip_fraction	0
clip_range	0.2
entropy_loss	-1.28
explained_variance	-1.04
learning_rate	1e-06
loss	0.466
n_updates	2850
policy_gradient_loss	0.000282
value_loss	7.99

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121
iterations	287
time_elapsed	1207
total_timesteps	146944
train/	
approx_kl	0.00022352894
clip_fraction	0
clip_range	0.2
entropy_loss	-1.28
explained_variance	-0.901
learning_rate	1e-06
loss	0.622
n_updates	2860
policy_gradient_loss	0.000168
value_loss	4.92

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121

iterations	288
time_elapsed	1210
total_timesteps	147456
train/	
approx_kl	0.002846971
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.632
learning_rate	1e-06
loss	92
n_updates	2870
policy_gradient_loss	5.51e-05
value_loss	435

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121
iterations	289
time_elapsed	1214
total_timesteps	147968
train/	
approx_kl	0.0019887509
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.864
learning_rate	1e-06
loss	110
n_updates	2880
policy_gradient_loss	-1.05e-05
value_loss	235

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121
iterations	290
time_elapsed	1218
total_timesteps	148480
train/	
approx_kl	0.00063594675
clip_fraction	0
clip_range	0.2
entropy_loss	-1.36
explained_variance	-0.302
learning_rate	1e-06
loss	0.115
n_updates	2890
policy_gradient_loss	-0.000733
value_loss	0.806

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121
iterations	291
time_elapsed	1222
total_timesteps	148992
train/	
approx_kl	0.00020179863
clip_fraction	0
clip_range	0.2
entropy_loss	-1.35
explained_variance	-1.81
learning_rate	1e-06
loss	0.362
n_updates	2900
policy_gradient_loss	-0.000566
value_loss	0.929

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	

fps	121
iterations	292
time_elapsed	1226
total_timesteps	149504
train/	
approx_kl	6.7086425e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.36
explained_variance	-0.48
learning_rate	1e-06
loss	0.148
n_updates	2910
policy_gradient_loss	-0.000188
value_loss	0.46

rollout/	
ep_len_mean	1.47e+04
ep_rew_mean	1.08e+03
time/	
fps	121
iterations	293
time_elapsed	1231
total_timesteps	150016
train/	
approx_kl	0.00038840226
clip_fraction	0
clip_range	0.2
entropy_loss	-1.28
explained_variance	0.839
learning_rate	1e-06
loss	91
n_updates	2920
policy_gradient_loss	0.000205
value_loss	185

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	121
iterations	294
time_elapsed	1235
total_timesteps	150528
train/	
approx_kl	0.0051777065
clip_fraction	0.032
clip_range	0.2
entropy_loss	-0.889
explained_variance	0.742
learning_rate	1e-06
loss	164
n_updates	2930
policy_gradient_loss	-0.000855
value_loss	437

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	121
iterations	295
time_elapsed	1239
total_timesteps	151040
train/	
approx_kl	0.0010854648
clip_fraction	0
clip_range	0.2
entropy_loss	-0.788
explained_variance	0.422
learning_rate	1e-06
loss	321
n_updates	2940
policy_gradient_loss	-0.000451
value_loss	627

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03

time/	
fps	121
iterations	296
time_elapsed	1243
total_timesteps	151552
train/	
approx_kl	0.0008864661
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.868
learning_rate	1e-06
loss	80
n_updates	2950
policy_gradient_loss	0.00235
value_loss	90.2

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	121
iterations	297
time_elapsed	1247
total_timesteps	152064
train/	
approx_kl	0.00038323854
clip_fraction	0
clip_range	0.2
entropy_loss	-1.16
explained_variance	-0.516
learning_rate	1e-06
loss	0.571
n_updates	2960
policy_gradient_loss	0.00113
value_loss	6.93

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	121
iterations	298
time_elapsed	1251
total_timesteps	152576
train/	
approx_kl	0.0006837228
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	-0.409
learning_rate	1e-06
loss	0.654
n_updates	2970
policy_gradient_loss	-0.000674
value_loss	4.42

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	121
iterations	299
time_elapsed	1255
total_timesteps	153088
train/	
approx_kl	0.00023425941
clip_fraction	0
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.799
learning_rate	1e-06
loss	147
n_updates	2980
policy_gradient_loss	-0.000883
value_loss	249

rollout/	
ep_len_mean	1.37e+04

ep_rew_mean	1.16e+03
time/	
fps	121
iterations	300
time_elapsed	1259
total_timesteps	153600
train/	
approx_kl	0.0022188956
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.81
explained_variance	0.564
learning_rate	1e-06
loss	151
n_updates	2990
policy_gradient_loss	0.00395
value_loss	314

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	122
iterations	301
time_elapsed	1263
total_timesteps	154112
train/	
approx_kl	0.001966787
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.911
learning_rate	1e-06
loss	31.2
n_updates	3000
policy_gradient_loss	0.000948
value_loss	60.8

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	122
iterations	302
time_elapsed	1267
total_timesteps	154624
train/	
approx_kl	0.00033591443
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	-0.607
learning_rate	1e-06
loss	0.363
n_updates	3010
policy_gradient_loss	1.34e-05
value_loss	4.15

rollout/	
ep_len_mean	1.37e+04
ep_rew_mean	1.16e+03
time/	
fps	122
iterations	303
time_elapsed	1270
total_timesteps	155136
train/	
approx_kl	6.776827e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.21
explained_variance	-0.287
learning_rate	1e-06
loss	0.31
n_updates	3020
policy_gradient_loss	9.87e-06
value_loss	2.84

rollout/	
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ep_len_mean	1.29e+04
ep_rew_mean	1.25e+03
time/	
fps	122
iterations	304
time_elapsed	1274
total_timesteps	155648
train/	
approx_kl	5.2899937e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.825
learning_rate	1e-06
loss	130
n_updates	3030
policy_gradient_loss	-3.85e-05
value_loss	165

rollout/	
ep_len_mean	1.29e+04
ep_rew_mean	1.25e+03
time/	
fps	122
iterations	305
time_elapsed	1278
total_timesteps	156160
train/	
approx_kl	0.00019114511
clip_fraction	0
clip_range	0.2
entropy_loss	-0.859
explained_variance	0.385
learning_rate	1e-06
loss	181
n_updates	3040
policy_gradient_loss	0.000808
value_loss	516

rollout/	
ep_len_mean	1.29e+04
ep_rew_mean	1.25e+03
time/	
fps	122
iterations	306
time_elapsed	1282
total_timesteps	156672
train/	
approx_kl	0.00055781857
clip_fraction	0
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.876
learning_rate	1e-06
loss	88.2
n_updates	3050
policy_gradient_loss	-0.00149
value_loss	246

rollout/	
ep_len_mean	1.29e+04
ep_rew_mean	1.25e+03
time/	
fps	122
iterations	307
time_elapsed	1286
total_timesteps	157184
train/	
approx_kl	0.0023851688
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.805
explained_variance	0.51
learning_rate	1e-06
loss	80.9
n_updates	3060
policy_gradient_loss	0.00336
value_loss	373

rollout/	
ep_len_mean	1.21e+04
ep_rew_mean	1.35e+03
time/	
fps	122
iterations	308
time_elapsed	1290
total_timesteps	157696
train/	
approx_kl	0.0062880777
clip_fraction	0.0457
clip_range	0.2
entropy_loss	-0.689
explained_variance	0.776
learning_rate	1e-06
loss	75.3
n_updates	3070
policy_gradient_loss	-0.00236
value_loss	213

rollout/	
ep_len_mean	1.21e+04
ep_rew_mean	1.35e+03
time/	
fps	122
iterations	309
time_elapsed	1294
total_timesteps	158208
train/	
approx_kl	3.707083e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.636
explained_variance	0.383
learning_rate	1e-06
loss	238
n_updates	3080
policy_gradient_loss	-0.000202
value_loss	387

rollout/	
ep_len_mean	1.21e+04
ep_rew_mean	1.35e+03
time/	
fps	122
iterations	310
time_elapsed	1297
total_timesteps	158720
train/	
approx_kl	0.0002795459
clip_fraction	0
clip_range	0.2
entropy_loss	-0.799
explained_variance	0.603
learning_rate	1e-06
loss	198
n_updates	3090
policy_gradient_loss	-0.000457
value_loss	437

rollout/	
ep_len_mean	1.13e+04
ep_rew_mean	1.4e+03
time/	
fps	122
iterations	311
time_elapsed	1301
total_timesteps	159232
train/	
approx_kl	0.0018685575
clip_fraction	0
clip_range	0.2
entropy_loss	-0.588
explained_variance	0.172
learning_rate	1e-06
loss	39.7
n_updates	3100
policy_gradient_loss	-0.00177
value_loss	125

rollout/		
ep_len_mean		1.13e+04
ep_rew_mean		1.4e+03
time/		
fps		122
iterations		312
time_elapsed		1305
total_timesteps		159744
train/		
approx_kl		0.0005028484
clip_fraction		0
clip_range		0.2
entropy_loss		-0.654
explained_variance		0.771
learning_rate		1e-06
loss		94.3
n_updates		3110
policy_gradient_loss		-0.000455
value_loss		472

rollout/		
ep_len_mean		1.13e+04
ep_rew_mean		1.4e+03
time/		
fps		122
iterations		313
time_elapsed		1310
total_timesteps		160256
train/		
approx_kl		0.0011456389
clip_fraction		0.000586
clip_range		0.2
entropy_loss		-0.563
explained_variance		0.816
learning_rate		1e-06
loss		120
n_updates		3120
policy_gradient_loss		0.00229
value_loss		263

rollout/		
ep_len_mean		1.13e+04
ep_rew_mean		1.4e+03
time/		
fps		122
iterations		314
time_elapsed		1314
total_timesteps		160768
train/		
approx_kl		6.815116e-05
clip_fraction		0
clip_range		0.2
entropy_loss		-0.61
explained_variance		0.552
learning_rate		1e-06
loss		56
n_updates		3130
policy_gradient_loss		0.000877
value_loss		347

rollout/		
ep_len_mean		1.07e+04
ep_rew_mean		1.5e+03
time/		
fps		122
iterations		315
time_elapsed		1318
total_timesteps		161280
train/		
approx_kl		0.00060514454
clip_fraction		0.000977
clip_range		0.2
entropy_loss		-0.539
explained_variance		0.77
learning_rate		1e-06
loss		123
n_updates		3140
policy_gradient_loss		0.00091
value_loss		260

rollout/		
ep_len_mean	1.01e+04	
ep_rew_mean	1.45e+03	
time/		
fps	122	
iterations	316	
time_elapsed	1322	
total_timesteps	161792	
train/		
approx_kl	0.0022049856	
clip_fraction	0.0133	
clip_range	0.2	
entropy_loss	-0.576	
explained_variance	0.595	
learning_rate	1e-06	
loss	318	
n_updates	3150	
policy_gradient_loss	-0.00303	
value_loss	693	

rollout/		
ep_len_mean	1.01e+04	
ep_rew_mean	1.45e+03	
time/		
fps	122	
iterations	317	
time_elapsed	1325	
total_timesteps	162304	
train/		
approx_kl	0.00021232048	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.566	
explained_variance	0.268	
learning_rate	1e-06	
loss	147	
n_updates	3160	
policy_gradient_loss	-0.00063	
value_loss	614	

rollout/		
ep_len_mean	1.01e+04	
ep_rew_mean	1.45e+03	
time/		
fps	122	
iterations	318	
time_elapsed	1329	
total_timesteps	162816	
train/		
approx_kl	3.5689212e-05	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.545	
explained_variance	0.748	
learning_rate	1e-06	
loss	35	
n_updates	3170	
policy_gradient_loss	0.000487	
value_loss	105	

rollout/		
ep_len_mean	9.6e+03	
ep_rew_mean	1.5e+03	
time/		
fps	122	
iterations	319	
time_elapsed	1333	
total_timesteps	163328	
train/		
approx_kl	0.0010338799	
clip_fraction	0.000781	
clip_range	0.2	
entropy_loss	-0.726	
explained_variance	0.845	
learning_rate	1e-06	
loss	76.1	
n_updates	3180	
policy_gradient_loss	0.000658	

value_loss	256
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rollout/	
ep_len_mean	9.6e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	320
time_elapsed	1337
total_timesteps	163840
train/	
approx_kl	8.338969e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.647
explained_variance	0.572
learning_rate	1e-06
loss	357
n_updates	3190
policy_gradient_loss	-0.000274
value_loss	784

rollout/	
ep_len_mean	9.6e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	321
time_elapsed	1341
total_timesteps	164352
train/	
approx_kl	6.1846455e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.831
explained_variance	0.921
learning_rate	1e-06
loss	20.9
n_updates	3200
policy_gradient_loss	-0.00047
value_loss	124

rollout/	
ep_len_mean	9.6e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	322
time_elapsed	1345
total_timesteps	164864
train/	
approx_kl	0.0006069355
clip_fraction	0
clip_range	0.2
entropy_loss	-0.846
explained_variance	0.821
learning_rate	1e-06
loss	45.9
n_updates	3210
policy_gradient_loss	-0.000265
value_loss	155

rollout/	
ep_len_mean	9.17e+03
ep_rew_mean	1.52e+03
time/	
fps	122
iterations	323
time_elapsed	1349
total_timesteps	165376
train/	
approx_kl	0.0022302172
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.641
explained_variance	0.831
learning_rate	1e-06
loss	89.2
n_updates	3220

policy_gradient_loss	0.000598
value_loss	240

rollout/	
ep_len_mean	9.17e+03
ep_rew_mean	1.52e+03
time/	
fps	122
iterations	324
time_elapsed	1353
total_timesteps	165888
train/	
approx_kl	0.00026182155
clip_fraction	0
clip_range	0.2
entropy_loss	-0.58
explained_variance	-0.0268
learning_rate	1e-06
loss	333
n_updates	3230
policy_gradient_loss	-0.00123
value_loss	738

rollout/	
ep_len_mean	8.75e+03
ep_rew_mean	1.55e+03
time/	
fps	122
iterations	325
time_elapsed	1357
total_timesteps	166400
train/	
approx_kl	0.00027131976
clip_fraction	0
clip_range	0.2
entropy_loss	-0.609
explained_variance	0.608
learning_rate	1e-06
loss	170
n_updates	3240
policy_gradient_loss	-0.000444
value_loss	345

rollout/	
ep_len_mean	8.75e+03
ep_rew_mean	1.55e+03
time/	
fps	122
iterations	326
time_elapsed	1360
total_timesteps	166912
train/	
approx_kl	0.00049818214
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.639
explained_variance	0.0194
learning_rate	1e-06
loss	168
n_updates	3250
policy_gradient_loss	-0.00111
value_loss	566

rollout/	
ep_len_mean	8.36e+03
ep_rew_mean	1.53e+03
time/	
fps	122
iterations	327
time_elapsed	1365
total_timesteps	167424
train/	
approx_kl	0.002133647
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.765
learning_rate	1e-06
loss	60.7

n_updates	3260
policy_gradient_loss	-0.00273
value_loss	137

rollout/	
ep_len_mean	8.36e+03
ep_rew_mean	1.53e+03
time/	
fps	122
iterations	328
time_elapsed	1369
total_timesteps	167936
train/	
approx_kl	6.847747e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.649
explained_variance	0.754
learning_rate	1e-06
loss	347
n_updates	3270
policy_gradient_loss	-0.000235
value_loss	596

rollout/	
ep_len_mean	8e+03
ep_rew_mean	1.51e+03
time/	
fps	122
iterations	329
time_elapsed	1373
total_timesteps	168448
train/	
approx_kl	0.0016970849
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.489
learning_rate	1e-06
loss	67.2
n_updates	3280
policy_gradient_loss	-0.000633
value_loss	175

rollout/	
ep_len_mean	7.66e+03
ep_rew_mean	1.49e+03
time/	
fps	122
iterations	330
time_elapsed	1377
total_timesteps	168960
train/	
approx_kl	0.00029787177
clip_fraction	0
clip_range	0.2
entropy_loss	-0.604
explained_variance	0.0531
learning_rate	1e-06
loss	125
n_updates	3290
policy_gradient_loss	-0.000809
value_loss	658

rollout/	
ep_len_mean	7.35e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	331
time_elapsed	1381
total_timesteps	169472
train/	
approx_kl	0.00011738727
clip_fraction	0
clip_range	0.2
entropy_loss	-0.588
explained_variance	0.138
learning_rate	1e-06

loss	444
n_updates	3300
policy_gradient_loss	-0.000555
value_loss	533

rollout/	
ep_len_mean	7.35e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	332
time_elapsed	1386
total_timesteps	169984
train/	
approx_kl	0.00017556373
clip_fraction	0
clip_range	0.2
entropy_loss	-0.673
explained_variance	0.75
learning_rate	1e-06
loss	102
n_updates	3310
policy_gradient_loss	0.000211
value_loss	589

rollout/	
ep_len_mean	7.1e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	333
time_elapsed	1391
total_timesteps	170496
train/	
approx_kl	0.00020786794
clip_fraction	0
clip_range	0.2
entropy_loss	-0.837
explained_variance	0.776
learning_rate	1e-06
loss	120
n_updates	3320
policy_gradient_loss	-7.95e-05
value_loss	268

rollout/	
ep_len_mean	7.1e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	334
time_elapsed	1395
total_timesteps	171008
train/	
approx_kl	0.00027370336
clip_fraction	0
clip_range	0.2
entropy_loss	-0.571
explained_variance	0.255
learning_rate	1e-06
loss	59.9
n_updates	3330
policy_gradient_loss	-0.00051
value_loss	548

rollout/	
ep_len_mean	7.1e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	335
time_elapsed	1399
total_timesteps	171520
train/	
approx_kl	0.00013220822
clip_fraction	0
clip_range	0.2
entropy_loss	-0.564
explained_variance	0.358

learning_rate	1e-06
loss	105
n_updates	3340
policy_gradient_loss	-0.000829
value_loss	205

rollout/	
ep_len_mean	7.1e+03
ep_rew_mean	1.46e+03
time/	
fps	122
iterations	336
time_elapsed	1403
total_timesteps	172032
train/	
approx_kl	0.0004084825
clip_fraction	0
clip_range	0.2
entropy_loss	-0.578
explained_variance	0.496
learning_rate	1e-06
loss	74.7
n_updates	3350
policy_gradient_loss	-0.000565
value_loss	184

rollout/	
ep_len_mean	6.89e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	337
time_elapsed	1407
total_timesteps	172544
train/	
approx_kl	0.00020242098
clip_fraction	0
clip_range	0.2
entropy_loss	-0.838
explained_variance	0.724
learning_rate	1e-06
loss	93.9
n_updates	3360
policy_gradient_loss	8.77e-05
value_loss	223

rollout/	
ep_len_mean	6.89e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	338
time_elapsed	1412
total_timesteps	173056
train/	
approx_kl	0.00018898305
clip_fraction	0
clip_range	0.2
entropy_loss	-0.564
explained_variance	0.33
learning_rate	1e-06
loss	600
n_updates	3370
policy_gradient_loss	-0.000478
value_loss	616

rollout/	
ep_len_mean	6.89e+03
ep_rew_mean	1.5e+03
time/	
fps	122
iterations	339
time_elapsed	1416
total_timesteps	173568
train/	
approx_kl	0.0013014468
clip_fraction	0.0137
clip_range	0.2
entropy_loss	-0.547

explained_variance	0.000724
learning_rate	1e-06
loss	115
n_updates	3380
policy_gradient_loss	0.00279
value_loss	291

rollout/	
ep_len_mean	6.69e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	340
time_elapsed	1420
total_timesteps	174080
train/	
approx_kl	0.00018450164
clip_fraction	0
clip_range	0.2
entropy_loss	-0.501
explained_variance	0.0965
learning_rate	1e-06
loss	91.8
n_updates	3390
policy_gradient_loss	-0.000223
value_loss	223

rollout/	
ep_len_mean	6.69e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	341
time_elapsed	1424
total_timesteps	174592
train/	
approx_kl	0.0003994638
clip_fraction	0
clip_range	0.2
entropy_loss	-0.561
explained_variance	0.416
learning_rate	1e-06
loss	177
n_updates	3400
policy_gradient_loss	0.000226
value_loss	621

rollout/	
ep_len_mean	6.48e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	342
time_elapsed	1428
total_timesteps	175104
train/	
approx_kl	0.0024597272
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.587
explained_variance	0.716
learning_rate	1e-06
loss	54.5
n_updates	3410
policy_gradient_loss	-0.00291
value_loss	136

rollout/	
ep_len_mean	6.48e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	343
time_elapsed	1433
total_timesteps	175616
train/	
approx_kl	0.00031352986
clip_fraction	0
clip_range	0.2

entropy_loss	-0.615
explained_variance	0.41
learning_rate	1e-06
loss	202
n_updates	3420
policy_gradient_loss	-0.000245
value_loss	506

rollout/	
ep_len_mean	6.28e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	344
time_elapsed	1437
total_timesteps	176128
train/	
approx_kl	0.0038666418
clip_fraction	0.0541
clip_range	0.2
entropy_loss	-0.637
explained_variance	0.342
learning_rate	1e-06
loss	30.9
n_updates	3430
policy_gradient_loss	-0.0047
value_loss	70.5

rollout/	
ep_len_mean	6.09e+03
ep_rew_mean	1.56e+03
time/	
fps	122
iterations	345
time_elapsed	1441
total_timesteps	176640
train/	
approx_kl	0.0007356275
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.7
explained_variance	0.452
learning_rate	1e-06
loss	182
n_updates	3440
policy_gradient_loss	-0.00353
value_loss	503

rollout/	
ep_len_mean	6.09e+03
ep_rew_mean	1.56e+03
time/	
fps	122
iterations	346
time_elapsed	1446
total_timesteps	177152
train/	
approx_kl	0.0012678399
clip_fraction	0
clip_range	0.2
entropy_loss	-0.723
explained_variance	0.118
learning_rate	1e-06
loss	555
n_updates	3450
policy_gradient_loss	-0.00262
value_loss	678

rollout/	
ep_len_mean	5.92e+03
ep_rew_mean	1.56e+03
time/	
fps	122
iterations	347
time_elapsed	1450
total_timesteps	177664
train/	
approx_kl	0.00096350326
clip_fraction	0

clip_range	0.2
entropy_loss	-0.817
explained_variance	0.64
learning_rate	1e-06
loss	73.6
n_updates	3460
policy_gradient_loss	-0.00141
value_loss	166

rollout/	
ep_len_mean	5.92e+03
ep_rew_mean	1.56e+03
time/	
fps	122
iterations	348
time_elapsed	1454
total_timesteps	178176
train/	
approx_kl	0.0048780553
clip_fraction	0.0314
clip_range	0.2
entropy_loss	-0.853
explained_variance	0.35
learning_rate	1e-06
loss	593
n_updates	3470
policy_gradient_loss	-0.00487
value_loss	682

rollout/	
ep_len_mean	5.76e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	349
time_elapsed	1458
total_timesteps	178688
train/	
approx_kl	0.00041794975
clip_fraction	0
clip_range	0.2
entropy_loss	-0.871
explained_variance	0.508
learning_rate	1e-06
loss	48.8
n_updates	3480
policy_gradient_loss	-0.000626
value_loss	122

rollout/	
ep_len_mean	5.76e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	350
time_elapsed	1463
total_timesteps	179200
train/	
approx_kl	0.0015592298
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.867
explained_variance	-0.243
learning_rate	1e-06
loss	266
n_updates	3490
policy_gradient_loss	-0.00218
value_loss	990

rollout/	
ep_len_mean	5.61e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	351
time_elapsed	1467
total_timesteps	179712
train/	
approx_kl	0.0013145991

clip_fraction	0
clip_range	0.2
entropy_loss	-0.852
explained_variance	0.809
learning_rate	1e-06
loss	59.2
n_updates	3500
policy_gradient_loss	-0.0017
value_loss	120

rollout/	
ep_len_mean	5.61e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	352
time_elapsed	1472
total_timesteps	180224
train/	
approx_kl	0.0024104076
clip_fraction	0
clip_range	0.2
entropy_loss	-0.828
explained_variance	-0.0985
learning_rate	1e-06
loss	898
n_updates	3510
policy_gradient_loss	-0.00245
value_loss	873

rollout/	
ep_len_mean	5.47e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	353
time_elapsed	1476
total_timesteps	180736
train/	
approx_kl	0.0031636087
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.6
learning_rate	1e-06
loss	89.4
n_updates	3520
policy_gradient_loss	-0.00292
value_loss	204

rollout/	
ep_len_mean	5.47e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	354
time_elapsed	1480
total_timesteps	181248
train/	
approx_kl	0.001779889
clip_fraction	0
clip_range	0.2
entropy_loss	-0.859
explained_variance	0.485
learning_rate	1e-06
loss	165
n_updates	3530
policy_gradient_loss	-0.00228
value_loss	572

rollout/	
ep_len_mean	5.47e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	355
time_elapsed	1485
total_timesteps	181760
train/	

approx_kl	0.0042013116
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.956
explained_variance	0.863
learning_rate	1e-06
loss	60.5
n_updates	3540
policy_gradient_loss	-0.00396
value_loss	137

rollout/	
ep_len_mean	5.35e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	356
time_elapsed	1489
total_timesteps	182272
train/	
approx_kl	0.0028733201
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.895
learning_rate	1e-06
loss	33.3
n_updates	3550
policy_gradient_loss	-0.00252
value_loss	137

rollout/	
ep_len_mean	5.35e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	357
time_elapsed	1493
total_timesteps	182784
train/	
approx_kl	0.0006168402
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.645
learning_rate	1e-06
loss	255
n_updates	3560
policy_gradient_loss	-0.000933
value_loss	580

rollout/	
ep_len_mean	5.24e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	358
time_elapsed	1497
total_timesteps	183296
train/	
approx_kl	0.0015216335
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.134
learning_rate	1e-06
loss	7.26
n_updates	3570
policy_gradient_loss	6.45e-05
value_loss	65.1

rollout/	
ep_len_mean	5.24e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	359
time_elapsed	1501
total_timesteps	183808

train/	
approx_kl	0.0007528404
clip_fraction	0
clip_range	0.2
entropy_loss	-0.937
explained_variance	0.261
learning_rate	1e-06
loss	425
n_updates	3580
policy_gradient_loss	0.000673
value_loss	663

rollout/	
ep_len_mean	5.24e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	360
time_elapsed	1506
total_timesteps	184320
train/	
approx_kl	0.000747425
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.805
learning_rate	1e-06
loss	64.4
n_updates	3590
policy_gradient_loss	-0.000928
value_loss	157

rollout/	
ep_len_mean	5.24e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	361
time_elapsed	1510
total_timesteps	184832
train/	
approx_kl	0.0010206284
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.943
explained_variance	0.777
learning_rate	1e-06
loss	99.9
n_updates	3600
policy_gradient_loss	0.000744
value_loss	224

rollout/	
ep_len_mean	5.24e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	362
time_elapsed	1514
total_timesteps	185344
train/	
approx_kl	0.00018107868
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.442
learning_rate	1e-06
loss	137
n_updates	3610
policy_gradient_loss	0.00164
value_loss	245

rollout/	
ep_len_mean	5.16e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	363
time_elapsed	1518

total_timesteps	185856
train/	
approx_kl	0.0035606367
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.92
explained_variance	0.77
learning_rate	1e-06
loss	87.4
n_updates	3620
policy_gradient_loss	-0.000809
value_loss	191

rollout/	
ep_len_mean	5.16e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	364
time_elapsed	1522
total_timesteps	186368
train/	
approx_kl	0.0009297986
clip_fraction	0
clip_range	0.2
entropy_loss	-0.898
explained_variance	0.41
learning_rate	1e-06
loss	287
n_updates	3630
policy_gradient_loss	-8.4e-05
value_loss	463

rollout/	
ep_len_mean	5.04e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	365
time_elapsed	1526
total_timesteps	186880
train/	
approx_kl	0.010541381
clip_fraction	0.0246
clip_range	0.2
entropy_loss	-0.859
explained_variance	0.713
learning_rate	1e-06
loss	92.1
n_updates	3640
policy_gradient_loss	-0.00642
value_loss	194

rollout/	
ep_len_mean	4.93e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	366
time_elapsed	1531
total_timesteps	187392
train/	
approx_kl	0.00063586514
clip_fraction	0
clip_range	0.2
entropy_loss	-0.754
explained_variance	0.188
learning_rate	1e-06
loss	154
n_updates	3650
policy_gradient_loss	-2.65e-06
value_loss	652

rollout/	
ep_len_mean	4.93e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	367

time_elapsed	1535
total_timesteps	187904
train/	
approx_kl	0.0031020697
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.831
explained_variance	0.471
learning_rate	1e-06
loss	284
n_updates	3660
policy_gradient_loss	-0.00549
value_loss	447

rollout/	
ep_len_mean	4.93e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	368
time_elapsed	1539
total_timesteps	188416
train/	
approx_kl	0.00053070753
clip_fraction	0
clip_range	0.2
entropy_loss	-0.866
explained_variance	0.299
learning_rate	1e-06
loss	92.6
n_updates	3670
policy_gradient_loss	0.000322
value_loss	160

rollout/	
ep_len_mean	4.93e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	369
time_elapsed	1543
total_timesteps	188928
train/	
approx_kl	0.0007334673
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.804
learning_rate	1e-06
loss	25.5
n_updates	3680
policy_gradient_loss	-0.00135
value_loss	151

rollout/	
ep_len_mean	4.85e+03
ep_rew_mean	1.64e+03
time/	
fps	122
iterations	370
time_elapsed	1548
total_timesteps	189440
train/	
approx_kl	0.003999211
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.939
explained_variance	0.874
learning_rate	1e-06
loss	102
n_updates	3690
policy_gradient_loss	-0.00266
value_loss	177

rollout/	
ep_len_mean	4.74e+03
ep_rew_mean	1.62e+03
time/	
fps	122

iterations	371
time_elapsed	1552
total_timesteps	189952
train/	
approx_kl	0.0019984944
clip_fraction	0
clip_range	0.2
entropy_loss	-0.893
explained_variance	0.706
learning_rate	1e-06
loss	241
n_updates	3700
policy_gradient_loss	-0.00233
value_loss	579

rollout/	
ep_len_mean	4.63e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	372
time_elapsed	1557
total_timesteps	190464
train/	
approx_kl	0.0035266844
clip_fraction	0.00742
clip_range	0.2
entropy_loss	-0.865
explained_variance	0.265
learning_rate	1e-06
loss	176
n_updates	3710
policy_gradient_loss	-0.0043
value_loss	545

rollout/	
ep_len_mean	4.54e+03
ep_rew_mean	1.61e+03
time/	
fps	122
iterations	373
time_elapsed	1561
total_timesteps	190976
train/	
approx_kl	0.00016259542
clip_fraction	0
clip_range	0.2
entropy_loss	-0.828
explained_variance	0.289
learning_rate	1e-06
loss	147
n_updates	3720
policy_gradient_loss	-0.000356
value_loss	617

rollout/	
ep_len_mean	4.45e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	374
time_elapsed	1565
total_timesteps	191488
train/	
approx_kl	0.0006317167
clip_fraction	0
clip_range	0.2
entropy_loss	-0.864
explained_variance	0.18
learning_rate	1e-06
loss	184
n_updates	3730
policy_gradient_loss	3.55e-05
value_loss	667

rollout/	
ep_len_mean	4.45e+03
ep_rew_mean	1.6e+03
time/	

fps	122
iterations	375
time_elapsed	1570
total_timesteps	192000
train/	
approx_kl	0.0021001226
clip_fraction	0
clip_range	0.2
entropy_loss	-0.857
explained_variance	0.365
learning_rate	1e-06
loss	156
n_updates	3740
policy_gradient_loss	-0.00215
value_loss	633

rollout/	
ep_len_mean	4.37e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	376
time_elapsed	1574
total_timesteps	192512
train/	
approx_kl	0.0059887664
clip_fraction	0.06
clip_range	0.2
entropy_loss	-0.823
explained_variance	0.617
learning_rate	1e-06
loss	42.3
n_updates	3750
policy_gradient_loss	-0.00612
value_loss	111

rollout/	
ep_len_mean	4.37e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	377
time_elapsed	1578
total_timesteps	193024
train/	
approx_kl	0.00386429
clip_fraction	0
clip_range	0.2
entropy_loss	-0.858
explained_variance	0.375
learning_rate	1e-06
loss	470
n_updates	3760
policy_gradient_loss	-0.00253
value_loss	660

rollout/	
ep_len_mean	4.3e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	378
time_elapsed	1582
total_timesteps	193536
train/	
approx_kl	0.0011056293
clip_fraction	0
clip_range	0.2
entropy_loss	-1
explained_variance	0.859
learning_rate	1e-06
loss	53.9
n_updates	3770
policy_gradient_loss	6e-05
value_loss	175

rollout/	
ep_len_mean	4.3e+03
ep_rew_mean	1.59e+03

time/	
fps	122
iterations	379
time_elapsed	1586
total_timesteps	194048
train/	
approx_kl	0.0007013214
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.943
explained_variance	0.223
learning_rate	1e-06
loss	187
n_updates	3780
policy_gradient_loss	-0.000331
value_loss	814

rollout/	
ep_len_mean	4.22e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	380
time_elapsed	1591
total_timesteps	194560
train/	
approx_kl	0.00083968625
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.66
learning_rate	1e-06
loss	53.6
n_updates	3790
policy_gradient_loss	-0.00154
value_loss	105

rollout/	
ep_len_mean	4.14e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	381
time_elapsed	1595
total_timesteps	195072
train/	
approx_kl	0.00066237967
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.923
explained_variance	0.416
learning_rate	1e-06
loss	240
n_updates	3800
policy_gradient_loss	-0.00192
value_loss	438

rollout/	
ep_len_mean	4.14e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	382
time_elapsed	1599
total_timesteps	195584
train/	
approx_kl	0.010376701
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.852
explained_variance	0.301
learning_rate	1e-06
loss	200
n_updates	3810
policy_gradient_loss	-0.00714
value_loss	680

rollout/	
ep_len_mean	4.08e+03

ep_rew_mean	1.58e+03
time/	
fps	122
iterations	383
time_elapsed	1603
total_timesteps	196096
train/	
approx_kl	0.00097399915
clip_fraction	0
clip_range	0.2
entropy_loss	-0.833
explained_variance	0.34
learning_rate	1e-06
loss	80.7
n_updates	3820
policy_gradient_loss	-0.0024
value_loss	228

rollout/	
ep_len_mean	4.08e+03
ep_rew_mean	1.58e+03
time/	
fps	122
iterations	384
time_elapsed	1607
total_timesteps	196608
train/	
approx_kl	0.00038638117
clip_fraction	0
clip_range	0.2
entropy_loss	-0.861
explained_variance	0.543
learning_rate	1e-06
loss	119
n_updates	3830
policy_gradient_loss	6.79e-05
value_loss	519

rollout/	
ep_len_mean	4.02e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	385
time_elapsed	1611
total_timesteps	197120
train/	
approx_kl	0.0013418393
clip_fraction	0
clip_range	0.2
entropy_loss	-0.902
explained_variance	0.917
learning_rate	1e-06
loss	27.8
n_updates	3840
policy_gradient_loss	0.00113
value_loss	86.1

rollout/	
ep_len_mean	4.02e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	386
time_elapsed	1615
total_timesteps	197632
train/	
approx_kl	0.0021200688
clip_fraction	0
clip_range	0.2
entropy_loss	-0.896
explained_variance	0.307
learning_rate	1e-06
loss	189
n_updates	3850
policy_gradient_loss	-0.00295
value_loss	849

rollout/	
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ep_len_mean	4.02e+03
ep_rew_mean	1.59e+03
time/	
fps	122
iterations	387
time_elapsed	1620
total_timesteps	198144
train/	
approx_kl	0.0005375126
clip_fraction	0
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.219
learning_rate	1e-06
loss	116
n_updates	3860
policy_gradient_loss	-0.000685
value_loss	215

rollout/	
ep_len_mean	3.97e+03
ep_rew_mean	1.61e+03
time/	
fps	122
iterations	388
time_elapsed	1624
total_timesteps	198656
train/	
approx_kl	0.0009561565
clip_fraction	0
clip_range	0.2
entropy_loss	-0.941
explained_variance	0.658
learning_rate	1e-06
loss	59.3
n_updates	3870
policy_gradient_loss	-0.00149
value_loss	155

rollout/	
ep_len_mean	3.9e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	389
time_elapsed	1628
total_timesteps	199168
train/	
approx_kl	0.0009730336
clip_fraction	0
clip_range	0.2
entropy_loss	-0.946
explained_variance	0.604
learning_rate	1e-06
loss	218
n_updates	3880
policy_gradient_loss	-0.000646
value_loss	603

rollout/	
ep_len_mean	3.9e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	390
time_elapsed	1632
total_timesteps	199680
train/	
approx_kl	0.006044994
clip_fraction	0
clip_range	0.2
entropy_loss	-0.866
explained_variance	0.279
learning_rate	1e-06
loss	53.1
n_updates	3890
policy_gradient_loss	-0.00445
value_loss	625

rollout/	
ep_len_mean	3.85e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	391
time_elapsed	1637
total_timesteps	200192
train/	
approx_kl	0.0006007507
clip_fraction	0
clip_range	0.2
entropy_loss	-0.938
explained_variance	0.639
learning_rate	1e-06
loss	137
n_updates	3900
policy_gradient_loss	-0.000217
value_loss	328

rollout/	
ep_len_mean	3.85e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	392
time_elapsed	1641
total_timesteps	200704
train/	
approx_kl	0.002170837
clip_fraction	0
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.415
learning_rate	1e-06
loss	113
n_updates	3910
policy_gradient_loss	-0.00205
value_loss	541

rollout/	
ep_len_mean	3.85e+03
ep_rew_mean	1.6e+03
time/	
fps	122
iterations	393
time_elapsed	1646
total_timesteps	201216
train/	
approx_kl	0.0014748746
clip_fraction	0.00645
clip_range	0.2
entropy_loss	-0.892
explained_variance	0.763
learning_rate	1e-06
loss	67.4
n_updates	3920
policy_gradient_loss	-0.0013
value_loss	186

rollout/	
ep_len_mean	3.8e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	394
time_elapsed	1650
total_timesteps	201728
train/	
approx_kl	0.000668464
clip_fraction	0
clip_range	0.2
entropy_loss	-0.913
explained_variance	0.952
learning_rate	1e-06
loss	34.7
n_updates	3930
policy_gradient_loss	0.00119
value_loss	102

rollout/		
ep_len_mean		3.8e+03
ep_rew_mean		1.62e+03
time/		
fps		122
iterations		395
time_elapsed		1654
total_timesteps		202240
train/		
approx_kl		0.0021981995
clip_fraction		0
clip_range		0.2
entropy_loss		-0.911
explained_variance		0.45
learning_rate		1e-06
loss		316
n_updates		3940
policy_gradient_loss		-0.0017
value_loss		697

rollout/		
ep_len_mean		3.8e+03
ep_rew_mean		1.62e+03
time/		
fps		122
iterations		396
time_elapsed		1658
total_timesteps		202752
train/		
approx_kl		0.0005757172
clip_fraction		0.00117
clip_range		0.2
entropy_loss		-0.97
explained_variance		0.911
learning_rate		1e-06
loss		49
n_updates		3950
policy_gradient_loss		9.63e-05
value_loss		145

rollout/		
ep_len_mean		3.8e+03
ep_rew_mean		1.62e+03
time/		
fps		122
iterations		397
time_elapsed		1663
total_timesteps		203264
train/		
approx_kl		0.0011786444
clip_fraction		0
clip_range		0.2
entropy_loss		-0.92
explained_variance		0.744
learning_rate		1e-06
loss		143
n_updates		3960
policy_gradient_loss		-0.000149
value_loss		287

rollout/		
ep_len_mean		3.76e+03
ep_rew_mean		1.64e+03
time/		
fps		122
iterations		398
time_elapsed		1667
total_timesteps		203776
train/		
approx_kl		0.0003370134
clip_fraction		0
clip_range		0.2
entropy_loss		-0.919
explained_variance		0.489
learning_rate		1e-06
loss		119
n_updates		3970
policy_gradient_loss		-0.000545
value_loss		303

rollout/	
ep_len_mean	3.71e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	399
time_elapsed	1671
total_timesteps	204288
train/	
approx_kl	0.007749214
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.899
explained_variance	0.77
learning_rate	1e-06
loss	71.1
n_updates	3980
policy_gradient_loss	-0.00375
value_loss	208

rollout/	
ep_len_mean	3.65e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	400
time_elapsed	1675
total_timesteps	204800
train/	
approx_kl	0.0001729338
clip_fraction	0
clip_range	0.2
entropy_loss	-0.899
explained_variance	0.158
learning_rate	1e-06
loss	258
n_updates	3990
policy_gradient_loss	-0.000684
value_loss	792

rollout/	
ep_len_mean	3.65e+03
ep_rew_mean	1.62e+03
time/	
fps	122
iterations	401
time_elapsed	1680
total_timesteps	205312
train/	
approx_kl	0.0018778215
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.966
explained_variance	0.71
learning_rate	1e-06
loss	292
n_updates	4000
policy_gradient_loss	-0.00149
value_loss	484

rollout/	
ep_len_mean	3.6e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	402
time_elapsed	1684
total_timesteps	205824
train/	
approx_kl	0.0015672009
clip_fraction	0
clip_range	0.2
entropy_loss	-0.931
explained_variance	0.773
learning_rate	1e-06
loss	119
n_updates	4010
policy_gradient_loss	-7.58e-05

value_loss	223
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rollout/	
ep_len_mean	3.6e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	403
time_elapsed	1688
total_timesteps	206336
train/	
approx_kl	0.0011046535
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.936
explained_variance	0.224
learning_rate	1e-06
loss	193
n_updates	4020
policy_gradient_loss	-0.00309
value_loss	824

rollout/	
ep_len_mean	3.6e+03
ep_rew_mean	1.63e+03
time/	
fps	122
iterations	404
time_elapsed	1692
total_timesteps	206848
train/	
approx_kl	0.011127851
clip_fraction	0.0705
clip_range	0.2
entropy_loss	-0.946
explained_variance	0.65
learning_rate	1e-06
loss	90.2
n_updates	4030
policy_gradient_loss	-0.00819
value_loss	179

rollout/	
ep_len_mean	3.57e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	405
time_elapsed	1696
total_timesteps	207360
train/	
approx_kl	0.003664055
clip_fraction	0
clip_range	0.2
entropy_loss	-0.968
explained_variance	0.749
learning_rate	1e-06
loss	106
n_updates	4040
policy_gradient_loss	-0.00319
value_loss	201

rollout/	
ep_len_mean	3.57e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	406
time_elapsed	1701
total_timesteps	207872
train/	
approx_kl	0.00019287039
clip_fraction	0
clip_range	0.2
entropy_loss	-0.932
explained_variance	0.568
learning_rate	1e-06
loss	98.4
n_updates	4050

policy_gradient_loss	0.000175
value_loss	729

rollout/	
ep_len_mean	3.53e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	407
time_elapsed	1705
total_timesteps	208384
train/	
approx_kl	0.0015421412
clip_fraction	0
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.725
learning_rate	1e-06
loss	49.7
n_updates	4060
policy_gradient_loss	-0.0018
value_loss	142

rollout/	
ep_len_mean	3.53e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	408
time_elapsed	1709
total_timesteps	208896
train/	
approx_kl	0.0014919088
clip_fraction	0
clip_range	0.2
entropy_loss	-0.919
explained_variance	0.0909
learning_rate	1e-06
loss	425
n_updates	4070
policy_gradient_loss	-0.00252
value_loss	939

rollout/	
ep_len_mean	3.49e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	409
time_elapsed	1713
total_timesteps	209408
train/	
approx_kl	0.0012809118
clip_fraction	0
clip_range	0.2
entropy_loss	-0.858
explained_variance	0.181
learning_rate	1e-06
loss	66.1
n_updates	4080
policy_gradient_loss	-0.000585
value_loss	113

rollout/	
ep_len_mean	3.49e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	410
time_elapsed	1718
total_timesteps	209920
train/	
approx_kl	0.00068078004
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.929
explained_variance	0.623
learning_rate	1e-06
loss	434

n_updates	4090
policy_gradient_loss	-0.00119
value_loss	750

rollout/	
ep_len_mean	3.49e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	411
time_elapsed	1723
total_timesteps	210432
train/	
approx_kl	0.0013977325
clip_fraction	0
clip_range	0.2
entropy_loss	-0.931
explained_variance	0.9
learning_rate	1e-06
loss	60.6
n_updates	4100
policy_gradient_loss	-1.97e-05
value_loss	145

rollout/	
ep_len_mean	3.45e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	412
time_elapsed	1727
total_timesteps	210944
train/	
approx_kl	0.007068711
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-0.979
explained_variance	0.445
learning_rate	1e-06
loss	8.45
n_updates	4110
policy_gradient_loss	-0.00287
value_loss	67.6

rollout/	
ep_len_mean	3.45e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	413
time_elapsed	1731
total_timesteps	211456
train/	
approx_kl	0.0011516048
clip_fraction	0
clip_range	0.2
entropy_loss	-0.891
explained_variance	0.356
learning_rate	1e-06
loss	330
n_updates	4120
policy_gradient_loss	-0.00129
value_loss	696

rollout/	
ep_len_mean	3.42e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	414
time_elapsed	1735
total_timesteps	211968
train/	
approx_kl	0.0030161445
clip_fraction	0
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.879
learning_rate	1e-06

loss	76.9
n_updates	4130
policy_gradient_loss	-0.00305
value_loss	137

rollout/	
ep_len_mean	3.42e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	415
time_elapsed	1739
total_timesteps	212480
train/	
approx_kl	0.0013990717
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.613
learning_rate	1e-06
loss	380
n_updates	4140
policy_gradient_loss	0.000361
value_loss	866

rollout/	
ep_len_mean	3.38e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	416
time_elapsed	1744
total_timesteps	212992
train/	
approx_kl	0.0045401566
clip_fraction	0
clip_range	0.2
entropy_loss	-0.89
explained_variance	0.654
learning_rate	1e-06
loss	86.4
n_updates	4150
policy_gradient_loss	-0.00353
value_loss	153

rollout/	
ep_len_mean	3.38e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	417
time_elapsed	1748
total_timesteps	213504
train/	
approx_kl	0.0008144673
clip_fraction	0
clip_range	0.2
entropy_loss	-0.888
explained_variance	0.707
learning_rate	1e-06
loss	346
n_updates	4160
policy_gradient_loss	0.00022
value_loss	697

rollout/	
ep_len_mean	3.34e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	418
time_elapsed	1752
total_timesteps	214016
train/	
approx_kl	0.00087965094
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.885
explained_variance	0.645

learning_rate	1e-06
loss	57.7
n_updates	4170
policy_gradient_loss	-1.6e-05
value_loss	138

rollout/	
ep_len_mean	3.3e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	419
time_elapsed	1756
total_timesteps	214528
train/	
approx_kl	0.0012026116
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.757
learning_rate	1e-06
loss	498
n_updates	4180
policy_gradient_loss	-0.00152
value_loss	511

rollout/	
ep_len_mean	3.3e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	420
time_elapsed	1760
total_timesteps	215040
train/	
approx_kl	7.603539e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.934
explained_variance	0.324
learning_rate	1e-06
loss	91
n_updates	4190
policy_gradient_loss	-0.0002
value_loss	607

rollout/	
ep_len_mean	3.26e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	421
time_elapsed	1764
total_timesteps	215552
train/	
approx_kl	0.0011829848
clip_fraction	0
clip_range	0.2
entropy_loss	-0.954
explained_variance	0.73
learning_rate	1e-06
loss	51.4
n_updates	4200
policy_gradient_loss	-0.000827
value_loss	125

rollout/	
ep_len_mean	3.26e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	422
time_elapsed	1769
total_timesteps	216064
train/	
approx_kl	0.00021127996
clip_fraction	0
clip_range	0.2
entropy_loss	-0.973

explained_variance	0.452
learning_rate	1e-06
loss	435
n_updates	4210
policy_gradient_loss	-0.000772
value_loss	698

rollout/	
ep_len_mean	3.26e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	423
time_elapsed	1773
total_timesteps	216576
train/	
approx_kl	0.0062278532
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-0.964
explained_variance	0.831
learning_rate	1e-06
loss	101
n_updates	4220
policy_gradient_loss	-0.00422
value_loss	238

rollout/	
ep_len_mean	3.24e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	424
time_elapsed	1777
total_timesteps	217088
train/	
approx_kl	0.0009867927
clip_fraction	0
clip_range	0.2
entropy_loss	-0.941
explained_variance	0.626
learning_rate	1e-06
loss	133
n_updates	4230
policy_gradient_loss	-0.00148
value_loss	263

rollout/	
ep_len_mean	3.24e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	425
time_elapsed	1781
total_timesteps	217600
train/	
approx_kl	0.005070706
clip_fraction	0
clip_range	0.2
entropy_loss	-0.937
explained_variance	0.531
learning_rate	1e-06
loss	148
n_updates	4240
policy_gradient_loss	-0.00363
value_loss	616

rollout/	
ep_len_mean	3.2e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	426
time_elapsed	1785
total_timesteps	218112
train/	
approx_kl	0.0031437948
clip_fraction	0.00547
clip_range	0.2

entropy_loss	-0.867
explained_variance	0.652
learning_rate	1e-06
loss	126
n_updates	4250
policy_gradient_loss	-0.00156
value_loss	257

rollout/	
ep_len_mean	3.16e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	427
time_elapsed	1789
total_timesteps	218624
train/	
approx_kl	0.00030864915
clip_fraction	0
clip_range	0.2
entropy_loss	-0.879
explained_variance	0.59
learning_rate	1e-06
loss	409
n_updates	4260
policy_gradient_loss	0.000209
value_loss	643

rollout/	
ep_len_mean	3.16e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	428
time_elapsed	1794
total_timesteps	219136
train/	
approx_kl	0.0008738269
clip_fraction	0
clip_range	0.2
entropy_loss	-0.815
explained_variance	0.343
learning_rate	1e-06
loss	189
n_updates	4270
policy_gradient_loss	-0.00122
value_loss	715

rollout/	
ep_len_mean	3.14e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	429
time_elapsed	1798
total_timesteps	219648
train/	
approx_kl	0.006188956
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.835
explained_variance	0.79
learning_rate	1e-06
loss	59.1
n_updates	4280
policy_gradient_loss	-0.00321
value_loss	162

rollout/	
ep_len_mean	3.14e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	430
time_elapsed	1803
total_timesteps	220160
train/	
approx_kl	0.000938258
clip_fraction	0

clip_range	0.2
entropy_loss	-0.785
explained_variance	0.713
learning_rate	1e-06
loss	291
n_updates	4290
policy_gradient_loss	-0.000529
value_loss	480

rollout/	
ep_len_mean	3.11e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	431
time_elapsed	1807
total_timesteps	220672
train/	
approx_kl	0.0006686165
clip_fraction	0
clip_range	0.2
entropy_loss	-0.807
explained_variance	0.855
learning_rate	1e-06
loss	91.9
n_updates	4300
policy_gradient_loss	-0.000275
value_loss	205

rollout/	
ep_len_mean	3.11e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	432
time_elapsed	1811
total_timesteps	221184
train/	
approx_kl	0.001365103
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.852
explained_variance	0.689
learning_rate	1e-06
loss	91.2
n_updates	4310
policy_gradient_loss	-0.000996
value_loss	454

rollout/	
ep_len_mean	3.08e+03
ep_rew_mean	1.67e+03
time/	
fps	122
iterations	433
time_elapsed	1815
total_timesteps	221696
train/	
approx_kl	0.0007562011
clip_fraction	0
clip_range	0.2
entropy_loss	-0.855
explained_variance	0.746
learning_rate	1e-06
loss	57.8
n_updates	4320
policy_gradient_loss	-0.000334
value_loss	112

rollout/	
ep_len_mean	3.08e+03
ep_rew_mean	1.67e+03
time/	
fps	122
iterations	434
time_elapsed	1820
total_timesteps	222208
train/	
approx_kl	0.000813092

clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.558
learning_rate	1e-06
loss	335
n_updates	4330
policy_gradient_loss	0.00049
value_loss	666

rollout/	
ep_len_mean	3.04e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	435
time_elapsed	1824
total_timesteps	222720
train/	
approx_kl	0.0029156082
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.811
explained_variance	0.865
learning_rate	1e-06
loss	62.5
n_updates	4340
policy_gradient_loss	-0.00406
value_loss	144

rollout/	
ep_len_mean	3.04e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	436
time_elapsed	1828
total_timesteps	223232
train/	
approx_kl	0.0009862352
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-0.876
explained_variance	0.577
learning_rate	1e-06
loss	228
n_updates	4350
policy_gradient_loss	-0.00122
value_loss	723

rollout/	
ep_len_mean	3.02e+03
ep_rew_mean	1.67e+03
time/	
fps	122
iterations	437
time_elapsed	1832
total_timesteps	223744
train/	
approx_kl	0.0012709035
clip_fraction	0
clip_range	0.2
entropy_loss	-0.857
explained_variance	0.793
learning_rate	1e-06
loss	62.9
n_updates	4360
policy_gradient_loss	-0.00169
value_loss	165

rollout/	
ep_len_mean	2.99e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	438
time_elapsed	1837
total_timesteps	224256
train/	

approx_kl	0.006686597
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.895
explained_variance	0.707
learning_rate	1e-06
loss	258
n_updates	4370
policy_gradient_loss	-0.00679
value_loss	515

rollout/	
ep_len_mean	2.99e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	439
time_elapsed	1841
total_timesteps	224768
train/	
approx_kl	7.905241e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.884
explained_variance	0.583
learning_rate	1e-06
loss	250
n_updates	4380
policy_gradient_loss	-7.5e-05
value_loss	538

rollout/	
ep_len_mean	2.96e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	440
time_elapsed	1845
total_timesteps	225280
train/	
approx_kl	0.0035246296
clip_fraction	0
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.866
learning_rate	1e-06
loss	60
n_updates	4390
policy_gradient_loss	-0.0017
value_loss	129

rollout/	
ep_len_mean	2.96e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	441
time_elapsed	1849
total_timesteps	225792
train/	
approx_kl	0.0007544847
clip_fraction	0
clip_range	0.2
entropy_loss	-0.894
explained_variance	0.681
learning_rate	1e-06
loss	124
n_updates	4400
policy_gradient_loss	-0.000235
value_loss	778

rollout/	
ep_len_mean	2.93e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	442
time_elapsed	1853
total_timesteps	226304

train/	
approx_kl	0.009561457
clip_fraction	0.0297
clip_range	0.2
entropy_loss	-0.894
explained_variance	0.84
learning_rate	1e-06
loss	38.8
n_updates	4410
policy_gradient_loss	-0.0049
value_loss	134

rollout/	
ep_len_mean	2.91e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	443
time_elapsed	1858
total_timesteps	226816
train/	
approx_kl	0.0012094446
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-0.963
explained_variance	0.723
learning_rate	1e-06
loss	71.9
n_updates	4420
policy_gradient_loss	-0.00334
value_loss	508

rollout/	
ep_len_mean	2.91e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	444
time_elapsed	1862
total_timesteps	227328
train/	
approx_kl	0.0018708933
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.942
explained_variance	0.408
learning_rate	1e-06
loss	200
n_updates	4430
policy_gradient_loss	-4.16e-05
value_loss	667

rollout/	
ep_len_mean	2.88e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	445
time_elapsed	1866
total_timesteps	227840
train/	
approx_kl	0.0065403935
clip_fraction	0.00586
clip_range	0.2
entropy_loss	-0.944
explained_variance	0.9
learning_rate	1e-06
loss	76
n_updates	4440
policy_gradient_loss	-0.00535
value_loss	162

rollout/	
ep_len_mean	2.88e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	446
time_elapsed	1870

total_timesteps	228352
train/	
approx_kl	0.0011505923
clip_fraction	0
clip_range	0.2
entropy_loss	-0.929
explained_variance	0.661
learning_rate	1e-06
loss	470
n_updates	4450
policy_gradient_loss	-0.000527
value_loss	665

rollout/	
ep_len_mean	2.86e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	447
time_elapsed	1874
total_timesteps	228864
train/	
approx_kl	0.0024354532
clip_fraction	0
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.687
learning_rate	1e-06
loss	47
n_updates	4460
policy_gradient_loss	-0.00144
value_loss	143

rollout/	
ep_len_mean	2.86e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	448
time_elapsed	1879
total_timesteps	229376
train/	
approx_kl	0.0016647214
clip_fraction	0
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.617
learning_rate	1e-06
loss	291
n_updates	4470
policy_gradient_loss	0.000467
value_loss	637

rollout/	
ep_len_mean	2.83e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	449
time_elapsed	1883
total_timesteps	229888
train/	
approx_kl	0.0017746188
clip_fraction	0
clip_range	0.2
entropy_loss	-0.868
explained_variance	0.542
learning_rate	1e-06
loss	79.1
n_updates	4480
policy_gradient_loss	-0.00111
value_loss	216

rollout/	
ep_len_mean	2.81e+03
ep_rew_mean	1.65e+03
time/	
fps	121
iterations	450

time_elapsed	1888
total_timesteps	230400
train/	
approx_kl	0.0055806036
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.868
explained_variance	0.0597
learning_rate	1e-06
loss	357
n_updates	4490
policy_gradient_loss	-0.0031
value_loss	955

rollout/	
ep_len_mean	2.81e+03
ep_rew_mean	1.65e+03
time/	
fps	121
iterations	451
time_elapsed	1892
total_timesteps	230912
train/	
approx_kl	0.0015806969
clip_fraction	0
clip_range	0.2
entropy_loss	-0.963
explained_variance	0.67
learning_rate	1e-06
loss	320
n_updates	4500
policy_gradient_loss	-0.000611
value_loss	754

rollout/	
ep_len_mean	2.79e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	452
time_elapsed	1896
total_timesteps	231424
train/	
approx_kl	0.0098652225
clip_fraction	0.0832
clip_range	0.2
entropy_loss	-0.913
explained_variance	0.72
learning_rate	1e-06
loss	41.6
n_updates	4510
policy_gradient_loss	-0.00917
value_loss	135

rollout/	
ep_len_mean	2.79e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	453
time_elapsed	1901
total_timesteps	231936
train/	
approx_kl	0.0011021929
clip_fraction	0
clip_range	0.2
entropy_loss	-0.928
explained_variance	0.342
learning_rate	1e-06
loss	396
n_updates	4520
policy_gradient_loss	-0.00158
value_loss	836

rollout/	
ep_len_mean	2.79e+03
ep_rew_mean	1.66e+03
time/	
fps	121

iterations	454
time_elapsed	1905
total_timesteps	232448
train/	
approx_kl	0.0064389557
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.95
explained_variance	0.761
learning_rate	1e-06
loss	82
n_updates	4530
policy_gradient_loss	-0.00306
value_loss	203

rollout/	
ep_len_mean	2.77e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	455
time_elapsed	1909
total_timesteps	232960
train/	
approx_kl	0.0021841847
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.867
explained_variance	0.809
learning_rate	1e-06
loss	68.6
n_updates	4540
policy_gradient_loss	-0.00109
value_loss	159

rollout/	
ep_len_mean	2.77e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	456
time_elapsed	1913
total_timesteps	233472
train/	
approx_kl	0.0007175036
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.622
learning_rate	1e-06
loss	159
n_updates	4550
policy_gradient_loss	-0.000138
value_loss	777

rollout/	
ep_len_mean	2.75e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	457
time_elapsed	1917
total_timesteps	233984
train/	
approx_kl	0.0022222635
clip_fraction	0
clip_range	0.2
entropy_loss	-0.92
explained_variance	0.837
learning_rate	1e-06
loss	57.2
n_updates	4560
policy_gradient_loss	-0.000743
value_loss	110

rollout/	
ep_len_mean	2.72e+03
ep_rew_mean	1.65e+03
time/	

fps	121
iterations	458
time_elapsed	1922
total_timesteps	234496
train/	
approx_kl	0.0009252154
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.942
explained_variance	0.591
learning_rate	1e-06
loss	350
n_updates	4570
policy_gradient_loss	-0.000209
value_loss	715

rollout/	
ep_len_mean	2.72e+03
ep_rew_mean	1.65e+03
time/	
fps	121
iterations	459
time_elapsed	1926
total_timesteps	235008
train/	
approx_kl	0.0007479737
clip_fraction	0
clip_range	0.2
entropy_loss	-0.927
explained_variance	0.357
learning_rate	1e-06
loss	453
n_updates	4580
policy_gradient_loss	-0.000782
value_loss	704

rollout/	
ep_len_mean	2.72e+03
ep_rew_mean	1.65e+03
time/	
fps	122
iterations	460
time_elapsed	1930
total_timesteps	235520
train/	
approx_kl	0.00094914285
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.941
explained_variance	0.628
learning_rate	1e-06
loss	69.8
n_updates	4590
policy_gradient_loss	-0.000317
value_loss	175

rollout/	
ep_len_mean	2.71e+03
ep_rew_mean	1.66e+03
time/	
fps	121
iterations	461
time elapsed	1934
total_timesteps	236032
train/	
approx_kl	0.0016968428
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-0.961
explained_variance	0.661
learning_rate	1e-06
loss	64.3
n_updates	4600
policy_gradient_loss	-0.00118
value_loss	182

rollout/	
ep_len_mean	2.71e+03
ep_rew_mean	1.66e+03

time/	
fps	122
iterations	462
time_elapsed	1938
total_timesteps	236544
train/	
approx_kl	0.0002560208
clip_fraction	0
clip_range	0.2
entropy_loss	-0.949
explained_variance	0.396
learning_rate	1e-06
loss	160
n_updates	4610
policy_gradient_loss	-1.88e-05
value_loss	941

rollout/	
ep_len_mean	2.71e+03
ep_rew_mean	1.66e+03
time/	
fps	122
iterations	463
time_elapsed	1943
total_timesteps	237056
train/	
approx_kl	0.007923108
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.953
explained_variance	0.856
learning_rate	1e-06
loss	35.6
n_updates	4620
policy_gradient_loss	0.00104
value_loss	164

rollout/	
ep_len_mean	2.7e+03
ep_rew_mean	1.68e+03
time/	
fps	122
iterations	464
time_elapsed	1947
total_timesteps	237568
train/	
approx_kl	0.00095571624
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.908
explained_variance	0.775
learning_rate	1e-06
loss	96.4
n_updates	4630
policy_gradient_loss	-0.00165
value_loss	173

rollout/	
ep_len_mean	2.7e+03
ep_rew_mean	1.68e+03
time/	
fps	122
iterations	465
time_elapsed	1951
total_timesteps	238080
train/	
approx_kl	0.00010404538
clip_fraction	0
clip_range	0.2
entropy_loss	-0.917
explained_variance	0.475
learning_rate	1e-06
loss	385
n_updates	4640
policy_gradient_loss	-0.000234
value_loss	586

rollout/	
ep_len_mean	2.7e+03

ep_rew_mean	1.68e+03
time/	
fps	122
iterations	466
time_elapsed	1955
total_timesteps	238592
train/	
approx_kl	0.0068112356
clip_fraction	0
clip_range	0.2
entropy_loss	-0.914
explained_variance	0.873
learning_rate	1e-06
loss	62.6
n_updates	4650
policy_gradient_loss	-0.00146
value_loss	130

rollout/	
ep_len_mean	2.68e+03
ep_rew_mean	1.68e+03
time/	
fps	122
iterations	467
time_elapsed	1959
total_timesteps	239104
train/	
approx_kl	0.00014880404
clip_fraction	0
clip_range	0.2
entropy_loss	-0.917
explained_variance	0.739
learning_rate	1e-06
loss	122
n_updates	4660
policy_gradient_loss	-6.86e-05
value_loss	321

rollout/	
ep_len_mean	2.66e+03
ep_rew_mean	1.67e+03
time/	
fps	122
iterations	468
time_elapsed	1963
total_timesteps	239616
train/	
approx_kl	0.00072188105
clip_fraction	0
clip_range	0.2
entropy_loss	-0.908
explained_variance	0.479
learning_rate	1e-06
loss	356
n_updates	4670
policy_gradient_loss	-0.000822
value_loss	859

rollout/	
ep_len_mean	2.66e+03
ep_rew_mean	1.67e+03
time/	
fps	121
iterations	469
time_elapsed	1969
total_timesteps	240128
train/	
approx_kl	0.0022943004
clip_fraction	0
clip_range	0.2
entropy_loss	-0.953
explained_variance	0.636
learning_rate	1e-06
loss	254
n_updates	4680
policy_gradient_loss	-0.00139
value_loss	705

rollout/	
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ep_len_mean	2.64e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	470
time_elapsed	1973
total_timesteps	240640
train/	
approx_kl	0.0022602635
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.974
explained_variance	0.634
learning_rate	1e-06
loss	148
n_updates	4690
policy_gradient_loss	0.000107
value_loss	329

rollout/	
ep_len_mean	2.64e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	471
time_elapsed	1977
total_timesteps	241152
train/	
approx_kl	0.0005193914
clip_fraction	0
clip_range	0.2
entropy_loss	-0.949
explained_variance	0.753
learning_rate	1e-06
loss	226
n_updates	4700
policy_gradient_loss	-0.000303
value_loss	522

rollout/	
ep_len_mean	2.63e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	472
time_elapsed	1981
total_timesteps	241664
train/	
approx_kl	0.0019467
clip_fraction	0
clip_range	0.2
entropy_loss	-0.911
explained_variance	0.869
learning_rate	1e-06
loss	97.4
n_updates	4710
policy_gradient_loss	-0.000879
value_loss	150

rollout/	
ep_len_mean	2.63e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	473
time_elapsed	1985
total_timesteps	242176
train/	
approx_kl	0.0022377
clip_fraction	0
clip_range	0.2
entropy_loss	-0.898
explained_variance	0.58
learning_rate	1e-06
loss	196
n_updates	4720
policy_gradient_loss	0.000776
value_loss	821

rollout/	
ep_len_mean	2.61e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	474
time_elapsed	1990
total_timesteps	242688
train/	
approx_kl	0.0145381335
clip_fraction	0.0238
clip_range	0.2
entropy_loss	-0.901
explained_variance	0.74
learning_rate	1e-06
loss	71.6
n_updates	4730
policy_gradient_loss	-0.00581
value_loss	163

rollout/	
ep_len_mean	2.59e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	475
time_elapsed	1994
total_timesteps	243200
train/	
approx_kl	0.0069624404
clip_fraction	0
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.711
learning_rate	1e-06
loss	338
n_updates	4740
policy_gradient_loss	-0.00493
value_loss	559

rollout/	
ep_len_mean	2.59e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	476
time_elapsed	1998
total_timesteps	243712
train/	
approx_kl	0.00017297524
clip_fraction	0
clip_range	0.2
entropy_loss	-0.866
explained_variance	0.615
learning_rate	1e-06
loss	518
n_updates	4750
policy_gradient_loss	-0.00101
value_loss	464

rollout/	
ep_len_mean	2.59e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	477
time_elapsed	2002
total_timesteps	244224
train/	
approx_kl	0.0030964797
clip_fraction	0
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.737
learning_rate	1e-06
loss	94.7
n_updates	4760
policy_gradient_loss	-0.000848
value_loss	195

rollout/		
ep_len_mean	2.58e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	478	
time_elapsed	2006	
total_timesteps	244736	
train/		
approx_kl	0.0071354173	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.888	
explained_variance	0.921	
learning_rate	1e-06	
loss	93.7	
n_updates	4770	
policy_gradient_loss	-0.00257	
value_loss	170	

rollout/		
ep_len_mean	2.58e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	479	
time_elapsed	2011	
total_timesteps	245248	
train/		
approx_kl	0.0007820149	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.938	
explained_variance	0.693	
learning_rate	1e-06	
loss	283	
n_updates	4780	
policy_gradient_loss	-0.000119	
value_loss	581	

rollout/		
ep_len_mean	2.56e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	480	
time_elapsed	2015	
total_timesteps	245760	
train/		
approx_kl	0.013953129	
clip_fraction	0.00215	
clip_range	0.2	
entropy_loss	-0.959	
explained_variance	0.882	
learning_rate	1e-06	
loss	56.8	
n_updates	4790	
policy_gradient_loss	-0.00545	
value_loss	136	

rollout/		
ep_len_mean	2.56e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	481	
time_elapsed	2019	
total_timesteps	246272	
train/		
approx_kl	0.0028845381	
clip_fraction	0.000781	
clip_range	0.2	
entropy_loss	-0.956	
explained_variance	0.771	
learning_rate	1e-06	
loss	174	
n_updates	4800	
policy_gradient_loss	-0.00435	
value_loss	430	

rollout/		
ep_len_mean	2.54e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	482	
time_elapsed	2023	
total_timesteps	246784	
train/		
approx_kl	0.0011297122	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.87	
explained_variance	0.795	
learning_rate	1e-06	
loss	195	
n_updates	4810	
policy_gradient_loss	-0.000884	
value_loss	343	

rollout/		
ep_len_mean	2.54e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	483	
time_elapsed	2027	
total_timesteps	247296	
train/		
approx_kl	0.0006239391	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.06	
explained_variance	0.712	
learning_rate	1e-06	
loss	135	
n_updates	4820	
policy_gradient_loss	-0.00127	
value_loss	652	

rollout/		
ep_len_mean	2.54e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	484	
time_elapsed	2032	
total_timesteps	247808	
train/		
approx_kl	0.0072669755	
clip_fraction	0.0133	
clip_range	0.2	
entropy_loss	-0.844	
explained_variance	0.924	
learning_rate	1e-06	
loss	48.3	
n_updates	4830	
policy_gradient_loss	-0.00548	
value_loss	126	

rollout/		
ep_len_mean	2.53e+03	
ep_rew_mean	1.68e+03	
time/		
fps	121	
iterations	485	
time_elapsed	2036	
total_timesteps	248320	
train/		
approx_kl	0.0031341831	
clip_fraction	0.00313	
clip_range	0.2	
entropy_loss	-0.734	
explained_variance	0.883	
learning_rate	1e-06	
loss	68.3	
n_updates	4840	
policy_gradient_loss	-0.00121	

value_loss	269
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rollout/	
ep_len_mean	2.53e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	486
time_elapsed	2040
total_timesteps	248832
train/	
approx_kl	0.0013294789
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.536
learning_rate	1e-06
loss	332
n_updates	4850
policy_gradient_loss	-0.000268
value_loss	731

rollout/	
ep_len_mean	2.52e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	487
time_elapsed	2044
total_timesteps	249344
train/	
approx_kl	0.0008606635
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.798
explained_variance	0.915
learning_rate	1e-06
loss	61.4
n_updates	4860
policy_gradient_loss	-0.00174
value_loss	210

rollout/	
ep_len_mean	2.52e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	488
time_elapsed	2049
total_timesteps	249856
train/	
approx_kl	0.0017542476
clip_fraction	0
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.828
learning_rate	1e-06
loss	102
n_updates	4870
policy_gradient_loss	-0.00161
value_loss	268

rollout/	
ep_len_mean	2.52e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	489
time_elapsed	2054
total_timesteps	250368
train/	
approx_kl	0.00954378
clip_fraction	0.035
clip_range	0.2
entropy_loss	-0.954
explained_variance	0.759
learning_rate	1e-06
loss	122
n_updates	4880

policy_gradient_loss	-0.00391
value_loss	164

rollout/	
ep_len_mean	2.5e+03
ep_rew_mean	1.68e+03
time/	
fps	121
iterations	490
time_elapsed	2058
total_timesteps	250880
train/	
approx_kl	0.00047709618
clip_fraction	0
clip_range	0.2
entropy_loss	-0.955
explained_variance	0.829
learning_rate	1e-06
loss	103
n_updates	4890
policy_gradient_loss	0.000696
value_loss	205

rollout/	
ep_len_mean	2.27e+03
ep_rew_mean	1.7e+03
time/	
fps	121
iterations	491
time_elapsed	2062
total_timesteps	251392
train/	
approx_kl	0.0034900713
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.957
explained_variance	0.801
learning_rate	1e-06
loss	66.6
n_updates	4900
policy_gradient_loss	-0.00262
value_loss	325

rollout/	
ep_len_mean	2.27e+03
ep_rew_mean	1.7e+03
time/	
fps	121
iterations	492
time_elapsed	2066
total_timesteps	251904
train/	
approx_kl	0.000775823
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.889
explained_variance	0.485
learning_rate	1e-06
loss	383
n_updates	4910
policy_gradient_loss	0.000384
value_loss	811

rollout/	
ep_len_mean	2.27e+03
ep_rew_mean	1.7e+03
time/	
fps	121
iterations	493
time_elapsed	2070
total_timesteps	252416
train/	
approx_kl	0.003913844
clip_fraction	0
clip_range	0.2
entropy_loss	-0.996
explained_variance	0.856
learning_rate	1e-06
loss	40.1

n_updates	4920
policy_gradient_loss	0.000616
value_loss	136

rollout/	
ep_len_mean	2.27e+03
ep_rew_mean	1.7e+03
time/	
fps	121
iterations	494
time_elapsed	2075
total_timesteps	252928
train/	
approx_kl	0.0049029635
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.778
explained_variance	0.81
learning_rate	1e-06
loss	47.5
n_updates	4930
policy_gradient_loss	-0.00216
value_loss	136

rollout/	
ep_len_mean	2.13e+03
ep_rew_mean	1.71e+03
time/	
fps	121
iterations	495
time_elapsed	2079
total_timesteps	253440
train/	
approx_kl	0.0011982439
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.973
explained_variance	0.671
learning_rate	1e-06
loss	201
n_updates	4940
policy_gradient_loss	-0.000802
value_loss	545

rollout/	
ep_len_mean	2.13e+03
ep_rew_mean	1.71e+03
time/	
fps	121
iterations	496
time_elapsed	2083
total_timesteps	253952
train/	
approx_kl	0.00082871027
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.892
explained_variance	0.838
learning_rate	1e-06
loss	69.9
n_updates	4950
policy_gradient_loss	-0.00183
value_loss	280

rollout/	
ep_len_mean	1.97e+03
ep_rew_mean	1.72e+03
time/	
fps	121
iterations	497
time_elapsed	2087
total_timesteps	254464
train/	
approx_kl	0.0028608814
clip_fraction	0
clip_range	0.2
entropy_loss	-0.912
explained_variance	0.763
learning_rate	1e-06

loss	107
n_updates	4960
policy_gradient_loss	-0.00221
value_loss	224

rollout/	
ep_len_mean	1.97e+03
ep_rew_mean	1.72e+03
time/	
fps	121
iterations	498
time_elapsed	2091
total_timesteps	254976
train/	
approx_kl	0.0012625739
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.729
learning_rate	1e-06
loss	381
n_updates	4970
policy_gradient_loss	-0.000205
value_loss	599

rollout/	
ep_len_mean	1.89e+03
ep_rew_mean	1.73e+03
time/	
fps	121
iterations	499
time_elapsed	2096
total_timesteps	255488
train/	
approx_kl	0.0039401073
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.979
explained_variance	0.497
learning_rate	1e-06
loss	281
n_updates	4980
policy_gradient_loss	-0.00521
value_loss	754

rollout/	
ep_len_mean	1.73e+03
ep_rew_mean	1.74e+03
time/	
fps	121
iterations	500
time_elapsed	2100
total_timesteps	256000
train/	
approx_kl	0.0005440123
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.994
explained_variance	0.845
learning_rate	1e-06
loss	154
n_updates	4990
policy_gradient_loss	-0.00232
value_loss	394

rollout/	
ep_len_mean	1.73e+03
ep_rew_mean	1.74e+03
time/	
fps	121
iterations	501
time_elapsed	2104
total_timesteps	256512
train/	
approx_kl	0.002903035
clip_fraction	0
clip_range	0.2
entropy_loss	-0.886
explained_variance	0.327

learning_rate	1e-06
loss	394
n_updates	5000
policy_gradient_loss	-0.00154
value_loss	830

rollout/	
ep_len_mean	1.73e+03
ep_rew_mean	1.74e+03
time/	
fps	121
iterations	502
time_elapsed	2108
total_timesteps	257024
train/	
approx_kl	0.0009736577
clip_fraction	0
clip_range	0.2
entropy_loss	-0.952
explained_variance	0.899
learning_rate	1e-06
loss	51
n_updates	5010
policy_gradient_loss	-0.000598
value_loss	143

rollout/	
ep_len_mean	1.73e+03
ep_rew_mean	1.74e+03
time/	
fps	121
iterations	503
time_elapsed	2112
total_timesteps	257536
train/	
approx_kl	0.006264209
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.925
explained_variance	0.877
learning_rate	1e-06
loss	41.5
n_updates	5020
policy_gradient_loss	-0.00285
value_loss	156

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	504
time_elapsed	2117
total_timesteps	258048
train/	
approx_kl	0.003402938
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.95
explained_variance	0.689
learning_rate	1e-06
loss	93.2
n_updates	5030
policy_gradient_loss	0.00194
value_loss	263

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	505
time_elapsed	2121
total_timesteps	258560
train/	
approx_kl	0.00066350657
clip_fraction	0
clip_range	0.2
entropy_loss	-0.995

explained_variance	0.7
learning_rate	1e-06
loss	171
n_updates	5040
policy_gradient_loss	-0.000888
value_loss	423

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	506
time_elapsed	2125
total_timesteps	259072
train/	
approx_kl	0.014532967
clip_fraction	0.0383
clip_range	0.2
entropy_loss	-0.93
explained_variance	0.917
learning_rate	1e-06
loss	27.1
n_updates	5050
policy_gradient_loss	-0.00613
value_loss	63.5

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.75e+03
time/	
fps	121
iterations	507
time_elapsed	2129
total_timesteps	259584
train/	
approx_kl	0.0006916551
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.919
explained_variance	0.578
learning_rate	1e-06
loss	211
n_updates	5060
policy_gradient_loss	-0.000643
value_loss	918

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.75e+03
time/	
fps	121
iterations	508
time_elapsed	2134
total_timesteps	260096
train/	
approx_kl	0.0019012161
clip_fraction	0
clip_range	0.2
entropy_loss	-0.918
explained_variance	0.369
learning_rate	1e-06
loss	858
n_updates	5070
policy_gradient_loss	-0.00222
value_loss	730

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	509
time_elapsed	2139
total_timesteps	260608
train/	
approx_kl	0.00054898683
clip_fraction	0
clip_range	0.2

entropy_loss	-0.955
explained_variance	0.697
learning_rate	1e-06
loss	62.8
n_updates	5080
policy_gradient_loss	0.00029
value_loss	166

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	510
time_elapsed	2143
total_timesteps	261120
train/	
approx_kl	0.0011362439
clip_fraction	0
clip_range	0.2
entropy_loss	-0.976
explained_variance	0.387
learning_rate	1e-06
loss	656
n_updates	5090
policy_gradient_loss	-0.0019
value_loss	870

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	511
time_elapsed	2147
total_timesteps	261632
train/	
approx_kl	0.0011253112
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.784
learning_rate	1e-06
loss	63.9
n_updates	5100
policy_gradient_loss	0.000828
value_loss	202

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	512
time_elapsed	2151
total_timesteps	262144
train/	
approx_kl	0.0014861416
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.797
learning_rate	1e-06
loss	75
n_updates	5110
policy_gradient_loss	-0.00108
value_loss	158

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	513
time_elapsed	2155
total_timesteps	262656
train/	
approx_kl	0.0038179373
clip_fraction	0.00156

clip_range	0.2
entropy_loss	-1.03
explained_variance	0.684
learning_rate	1e-06
loss	222
n_updates	5120
policy_gradient_loss	-0.00436
value_loss	657

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	514
time_elapsed	2160
total_timesteps	263168
train/	
approx_kl	0.0052444264
clip_fraction	0
clip_range	0.2
entropy_loss	-0.933
explained_variance	0.879
learning_rate	1e-06
loss	70.2
n_updates	5130
policy_gradient_loss	-0.00201
value_loss	141

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	515
time_elapsed	2164
total_timesteps	263680
train/	
approx_kl	0.00049166905
clip_fraction	0
clip_range	0.2
entropy_loss	-0.914
explained_variance	0.887
learning_rate	1e-06
loss	95.1
n_updates	5140
policy_gradient_loss	-0.00197
value_loss	174

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	516
time_elapsed	2168
total_timesteps	264192
train/	
approx_kl	0.00046531553
clip_fraction	0
clip_range	0.2
entropy_loss	-0.918
explained_variance	0.89
learning_rate	1e-06
loss	62.9
n_updates	5150
policy_gradient_loss	-0.00101
value_loss	151

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	517
time_elapsed	2172
total_timesteps	264704
train/	
approx_kl	0.0013043905

clip_fraction	0
clip_range	0.2
entropy_loss	-0.91
explained_variance	0.549
learning_rate	1e-06
loss	159
n_updates	5160
policy_gradient_loss	-0.00269
value_loss	846

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	518
time_elapsed	2176
total_timesteps	265216
train/	
approx_kl	0.00042287074
clip_fraction	0
clip_range	0.2
entropy_loss	-0.923
explained_variance	0.882
learning_rate	1e-06
loss	64
n_updates	5170
policy_gradient_loss	7.57e-05
value_loss	169

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	519
time_elapsed	2181
total_timesteps	265728
train/	
approx_kl	0.003974015
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.809
learning_rate	1e-06
loss	72.7
n_updates	5180
policy_gradient_loss	-0.00238
value_loss	173

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	520
time_elapsed	2185
total_timesteps	266240
train/	
approx_kl	0.0006349683
clip_fraction	0
clip_range	0.2
entropy_loss	-0.816
explained_variance	0.591
learning_rate	1e-06
loss	458
n_updates	5190
policy_gradient_loss	0.00101
value_loss	735

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.77e+03
time/	
fps	121
iterations	521
time_elapsed	2189
total_timesteps	266752
train/	

approx_kl	0.0023542815
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-0.879
explained_variance	0.763
learning_rate	1e-06
loss	120
n_updates	5200
policy_gradient_loss	-0.00299
value_loss	175

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	522
time_elapsed	2194
total_timesteps	267264
train/	
approx_kl	0.00025424908
clip_fraction	0
clip_range	0.2
entropy_loss	-0.879
explained_variance	0.277
learning_rate	1e-06
loss	291
n_updates	5210
policy_gradient_loss	-0.000843
value_loss	729

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	523
time_elapsed	2198
total_timesteps	267776
train/	
approx_kl	0.0003033554
clip_fraction	0
clip_range	0.2
entropy_loss	-0.886
explained_variance	0.431
learning_rate	1e-06
loss	115
n_updates	5220
policy_gradient_loss	-0.000223
value_loss	592

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	524
time_elapsed	2202
total_timesteps	268288
train/	
approx_kl	0.0012278347
clip_fraction	0
clip_range	0.2
entropy_loss	-0.944
explained_variance	0.776
learning_rate	1e-06
loss	115
n_updates	5230
policy_gradient_loss	-0.000327
value_loss	254

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	525
time_elapsed	2206
total_timesteps	268800

train/	
approx_kl	0.0012573535
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.974
explained_variance	0.394
learning_rate	1e-06
loss	408
n_updates	5240
policy_gradient_loss	0.00192
value_loss	775

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	526
time_elapsed	2210
total_timesteps	269312
train/	
approx_kl	0.0012971179
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.907
explained_variance	0.931
learning_rate	1e-06
loss	30
n_updates	5250
policy_gradient_loss	-0.00159
value_loss	63.5

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	527
time_elapsed	2215
total_timesteps	269824
train/	
approx_kl	0.002642356
clip_fraction	0
clip_range	0.2
entropy_loss	-0.969
explained_variance	0.703
learning_rate	1e-06
loss	580
n_updates	5260
policy_gradient_loss	-0.0023
value_loss	734

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	528
time_elapsed	2220
total_timesteps	270336
train/	
approx_kl	0.006718179
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-0.902
explained_variance	0.862
learning_rate	1e-06
loss	43.7
n_updates	5270
policy_gradient_loss	-0.0041
value_loss	95.7

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	529
time_elapsed	2224

total_timesteps	270848
train/	
approx_kl	0.0071003577
clip_fraction	0
clip_range	0.2
entropy_loss	-0.931
explained_variance	0.599
learning_rate	1e-06
loss	111
n_updates	5280
policy_gradient_loss	-0.00481
value_loss	522

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	530
time_elapsed	2228
total_timesteps	271360
train/	
approx_kl	0.0009658482
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.92
learning_rate	1e-06
loss	146
n_updates	5290
policy_gradient_loss	-0.000186
value_loss	311

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	531
time_elapsed	2232
total_timesteps	271872
train/	
approx_kl	0.0040350193
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.953
explained_variance	0.751
learning_rate	1e-06
loss	55.3
n_updates	5300
policy_gradient_loss	-0.00183
value_loss	145

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	532
time_elapsed	2237
total_timesteps	272384
train/	
approx_kl	0.01358966
clip_fraction	0.0385
clip_range	0.2
entropy_loss	-0.906
explained_variance	0.671
learning_rate	1e-06
loss	39.2
n_updates	5310
policy_gradient_loss	-0.00447
value_loss	111

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	533

time_elapsed	2241
total_timesteps	272896
train/	
approx_kl	0.00095293624
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.977
explained_variance	0.577
learning_rate	1e-06
loss	465
n_updates	5320
policy_gradient_loss	-0.00123
value_loss	677

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	534
time_elapsed	2245
total_timesteps	273408
train/	
approx_kl	0.0026422506
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.998
explained_variance	0.868
learning_rate	1e-06
loss	46.9
n_updates	5330
policy_gradient_loss	0.000445
value_loss	151

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	535
time_elapsed	2249
total_timesteps	273920
train/	
approx_kl	0.007660489
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.964
explained_variance	0.578
learning_rate	1e-06
loss	211
n_updates	5340
policy_gradient_loss	-0.00586
value_loss	872

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.76e+03
time/	
fps	121
iterations	536
time_elapsed	2253
total_timesteps	274432
train/	
approx_kl	0.0019971617
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.978
explained_variance	0.714
learning_rate	1e-06
loss	63.8
n_updates	5350
policy_gradient_loss	0.000514
value_loss	158

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121

iterations	537
time_elapsed	2258
total_timesteps	274944
train/	
approx_kl	0.00077619834
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.53
learning_rate	1e-06
loss	379
n_updates	5360
policy_gradient_loss	-0.000211
value_loss	810

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	538
time_elapsed	2262
total_timesteps	275456
train/	
approx_kl	0.0052635754
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.887
learning_rate	1e-06
loss	108
n_updates	5370
policy_gradient_loss	-0.00305
value_loss	202

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	539
time_elapsed	2266
total_timesteps	275968
train/	
approx_kl	0.00041526638
clip_fraction	0
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.933
learning_rate	1e-06
loss	41
n_updates	5380
policy_gradient_loss	-0.00132
value_loss	277

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	540
time_elapsed	2270
total_timesteps	276480
train/	
approx_kl	0.0020858236
clip_fraction	0
clip_range	0.2
entropy_loss	-0.983
explained_variance	0.611
learning_rate	1e-06
loss	309
n_updates	5390
policy_gradient_loss	-0.00203
value_loss	777

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	

fps	121
iterations	541
time_elapsed	2274
total_timesteps	276992
train/	
approx_kl	0.0027392749
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.519
learning_rate	1e-06
loss	148
n_updates	5400
policy_gradient_loss	-0.00294
value_loss	710

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	542
time_elapsed	2279
total_timesteps	277504
train/	
approx_kl	0.0036254025
clip_fraction	0
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.866
learning_rate	1e-06
loss	69
n_updates	5410
policy_gradient_loss	-0.00256
value_loss	163

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	543
time_elapsed	2283
total_timesteps	278016
train/	
approx_kl	0.007260882
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.797
learning_rate	1e-06
loss	79.3
n_updates	5420
policy_gradient_loss	-0.00201
value_loss	242

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	544
time_elapsed	2287
total_timesteps	278528
train/	
approx_kl	0.0007139504
clip_fraction	0
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.772
learning_rate	1e-06
loss	80.9
n_updates	5430
policy_gradient_loss	-0.00065
value_loss	520

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03

time/	
fps	121
iterations	545
time_elapsed	2291
total_timesteps	279040
train/	
approx_kl	0.005025181
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.578
learning_rate	1e-06
loss	88.7
n_updates	5440
policy_gradient_loss	-0.00387
value_loss	249

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.77e+03
time/	
fps	121
iterations	546
time_elapsed	2295
total_timesteps	279552
train/	
approx_kl	0.0015031572
clip_fraction	0
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.82
learning_rate	1e-06
loss	117
n_updates	5450
policy_gradient_loss	-0.000217
value_loss	248

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.77e+03
time/	
fps	121
iterations	547
time_elapsed	2301
total_timesteps	280064
train/	
approx_kl	0.0031427275
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.549
learning_rate	1e-06
loss	240
n_updates	5460
policy_gradient_loss	-0.00324
value_loss	822

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.77e+03
time/	
fps	121
iterations	548
time_elapsed	2305
total_timesteps	280576
train/	
approx_kl	0.009423391
clip_fraction	0
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.854
learning_rate	1e-06
loss	108
n_updates	5470
policy_gradient_loss	-0.00366
value_loss	227

rollout/	
ep_len_mean	1.06e+03

ep_rew_mean	1.78e+03
time/	
fps	121
iterations	549
time_elapsed	2309
total_timesteps	281088
train/	
approx_kl	0.0024813332
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.865
learning_rate	1e-06
loss	101
n_updates	5480
policy_gradient_loss	-0.00274
value_loss	219

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	550
time_elapsed	2313
total_timesteps	281600
train/	
approx_kl	0.001737011
clip_fraction	0.0125
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.805
learning_rate	1e-06
loss	82.6
n_updates	5490
policy_gradient_loss	-0.0015
value_loss	505

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	551
time_elapsed	2318
total_timesteps	282112
train/	
approx_kl	0.0016698259
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.871
learning_rate	1e-06
loss	78.5
n_updates	5500
policy_gradient_loss	7.82e-05
value_loss	172

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	552
time_elapsed	2322
total_timesteps	282624
train/	
approx_kl	0.015550625
clip_fraction	0.112
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.737
learning_rate	1e-06
loss	77.3
n_updates	5510
policy_gradient_loss	-0.00571
value_loss	152

rollout/	
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ep_len_mean	1.07e+03
ep_rew_mean	1.78e+03
time/	
fps	121
iterations	553
time_elapsed	2326
total_timesteps	283136
train/	
approx_kl	0.0012903896
clip_fraction	0
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.632
learning_rate	1e-06
loss	340
n_updates	5520
policy_gradient_loss	-0.00193
value_loss	780

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	554
time_elapsed	2330
total_timesteps	283648
train/	
approx_kl	0.0057207984
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.911
learning_rate	1e-06
loss	39.2
n_updates	5530
policy_gradient_loss	-0.000613
value_loss	117

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	555
time_elapsed	2334
total_timesteps	284160
train/	
approx_kl	0.00025577843
clip_fraction	0
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.637
learning_rate	1e-06
loss	542
n_updates	5540
policy_gradient_loss	-0.000403
value_loss	775

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	556
time_elapsed	2339
total_timesteps	284672
train/	
approx_kl	0.0029033772
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.892
learning_rate	1e-06
loss	78.2
n_updates	5550
policy_gradient_loss	-0.00505
value_loss	180

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	557
time_elapsed	2343
total_timesteps	285184
train/	
approx_kl	0.004740035
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.997
explained_variance	0.862
learning_rate	1e-06
loss	78
n_updates	5560
policy_gradient_loss	-0.00446
value_loss	170

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	558
time_elapsed	2347
total_timesteps	285696
train/	
approx_kl	0.00043314858
clip_fraction	0
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.673
learning_rate	1e-06
loss	251
n_updates	5570
policy_gradient_loss	-0.00131
value_loss	805

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	559
time_elapsed	2351
total_timesteps	286208
train/	
approx_kl	0.0015981641
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.251
learning_rate	1e-06
loss	439
n_updates	5580
policy_gradient_loss	0.000338
value_loss	855

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.79e+03
time/	
fps	121
iterations	560
time_elapsed	2356
total_timesteps	286720
train/	
approx_kl	0.0032672957
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.913
learning_rate	1e-06
loss	46.4
n_updates	5590
policy_gradient_loss	-0.00176
value_loss	120

rollout/		
ep_len_mean		1.08e+03
ep_rew_mean		1.8e+03
time/		
fps		121
iterations		561
time_elapsed		2360
total_timesteps		287232
train/		
approx_kl		0.0024467949
clip_fraction		0.00195
clip_range		0.2
entropy_loss		-1.01
explained_variance		0.84
learning_rate		1e-06
loss		45.1
n_updates		5600
policy_gradient_loss		0.00156
value_loss		156

rollout/		
ep_len_mean		1.08e+03
ep_rew_mean		1.8e+03
time/		
fps		121
iterations		562
time_elapsed		2364
total_timesteps		287744
train/		
approx_kl		0.0037598321
clip_fraction		0
clip_range		0.2
entropy_loss		-1.05
explained_variance		0.68
learning_rate		1e-06
loss		162
n_updates		5610
policy_gradient_loss		0.000339
value_loss		384

rollout/		
ep_len_mean		1.08e+03
ep_rew_mean		1.8e+03
time/		
fps		121
iterations		563
time_elapsed		2368
total_timesteps		288256
train/		
approx_kl		0.0054299375
clip_fraction		0.00859
clip_range		0.2
entropy_loss		-0.979
explained_variance		0.744
learning_rate		1e-06
loss		62.3
n_updates		5620
policy_gradient_loss		0.000751
value_loss		187

rollout/		
ep_len_mean		1.08e+03
ep_rew_mean		1.8e+03
time/		
fps		121
iterations		564
time_elapsed		2372
total_timesteps		288768
train/		
approx_kl		0.0052834274
clip_fraction		0.0277
clip_range		0.2
entropy_loss		-1.03
explained_variance		0.768
learning_rate		1e-06
loss		232
n_updates		5630
policy_gradient_loss		0.000942
value_loss		372

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	565
time_elapsed	2377
total_timesteps	289280
train/	
approx_kl	0.009293288
clip_fraction	0
clip_range	0.2
entropy_loss	-0.961
explained_variance	0.66
learning_rate	1e-06
loss	368
n_updates	5640
policy_gradient_loss	-0.00607
value_loss	564

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	566
time_elapsed	2381
total_timesteps	289792
train/	
approx_kl	0.0022447952
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.888
explained_variance	0.739
learning_rate	1e-06
loss	125
n_updates	5650
policy_gradient_loss	-0.000827
value_loss	287

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	567
time_elapsed	2386
total_timesteps	290304
train/	
approx_kl	0.000626329
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.917
explained_variance	0.348
learning_rate	1e-06
loss	560
n_updates	5660
policy_gradient_loss	-0.00253
value_loss	1.23e+03

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	568
time_elapsed	2390
total_timesteps	290816
train/	
approx_kl	0.012628575
clip_fraction	0.048
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.869
learning_rate	1e-06
loss	39.7
n_updates	5670
policy_gradient_loss	-0.00429

value_loss	102
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rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	569
time_elapsed	2395
total_timesteps	291328
train/	
approx_kl	0.0017553474
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.913
explained_variance	0.7
learning_rate	1e-06
loss	154
n_updates	5680
policy_gradient_loss	-0.000615
value_loss	282

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	570
time_elapsed	2399
total_timesteps	291840
train/	
approx_kl	0.0006062237
clip_fraction	0
clip_range	0.2
entropy_loss	-0.914
explained_variance	0.564
learning_rate	1e-06
loss	136
n_updates	5690
policy_gradient_loss	-0.000592
value_loss	916

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	571
time_elapsed	2403
total_timesteps	292352
train/	
approx_kl	0.0015719172
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.82
learning_rate	1e-06
loss	244
n_updates	5700
policy_gradient_loss	-0.00292
value_loss	404

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	572
time_elapsed	2407
total_timesteps	292864
train/	
approx_kl	0.0012732736
clip_fraction	0
clip_range	0.2
entropy_loss	-0.925
explained_variance	0.768
learning_rate	1e-06
loss	35
n_updates	5710

policy_gradient_loss	-5.46e-05
value_loss	105

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	573
time_elapsed	2411
total_timesteps	293376
train/	
approx_kl	0.00028991594
clip_fraction	0
clip_range	0.2
entropy_loss	-0.902
explained_variance	0.636
learning_rate	1e-06
loss	479
n_updates	5720
policy_gradient_loss	-0.000727
value_loss	633

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	574
time_elapsed	2416
total_timesteps	293888
train/	
approx_kl	0.00085691107
clip_fraction	0
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.629
learning_rate	1e-06
loss	238
n_updates	5730
policy_gradient_loss	-0.000372
value_loss	555

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	575
time_elapsed	2420
total_timesteps	294400
train/	
approx_kl	0.004430171
clip_fraction	0
clip_range	0.2
entropy_loss	-0.891
explained_variance	0.146
learning_rate	1e-06
loss	547
n_updates	5740
policy_gradient_loss	-0.00266
value_loss	912

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	576
time_elapsed	2424
total_timesteps	294912
train/	
approx_kl	0.002970966
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.871
explained_variance	0.345
learning_rate	1e-06
loss	421

n_updates	5750
policy_gradient_loss	-0.00278
value_loss	904

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.8e+03
time/	
fps	121
iterations	577
time_elapsed	2428
total_timesteps	295424
train/	
approx_kl	0.002817844
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-0.881
explained_variance	0.859
learning_rate	1e-06
loss	57.5
n_updates	5760
policy_gradient_loss	-0.00244
value_loss	139

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	578
time_elapsed	2432
total_timesteps	295936
train/	
approx_kl	0.0010640908
clip_fraction	0
clip_range	0.2
entropy_loss	-0.937
explained_variance	0.82
learning_rate	1e-06
loss	124
n_updates	5770
policy_gradient_loss	0.000443
value_loss	248

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.81e+03
time/	
fps	121
iterations	579
time_elapsed	2437
total_timesteps	296448
train/	
approx_kl	0.00029443507
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.861
explained_variance	0.569
learning_rate	1e-06
loss	373
n_updates	5780
policy_gradient_loss	0.000833
value_loss	636

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	580
time_elapsed	2441
total_timesteps	296960
train/	
approx_kl	0.0039721075
clip_fraction	0
clip_range	0.2
entropy_loss	-0.827
explained_variance	0.793
learning_rate	1e-06

loss	159
n_updates	5790
policy_gradient_loss	-0.00128
value_loss	220

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	581
time_elapsed	2445
total_timesteps	297472
train/	
approx_kl	0.002330237
clip_fraction	0
clip_range	0.2
entropy_loss	-0.944
explained_variance	0.693
learning_rate	1e-06
loss	138
n_updates	5800
policy_gradient_loss	0.000232
value_loss	545

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	582
time_elapsed	2449
total_timesteps	297984
train/	
approx_kl	0.002719542
clip_fraction	0
clip_range	0.2
entropy_loss	-0.879
explained_variance	0.85
learning_rate	1e-06
loss	80.5
n_updates	5810
policy_gradient_loss	-0.00098
value_loss	144

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	583
time_elapsed	2454
total_timesteps	298496
train/	
approx_kl	0.0011665745
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.784
explained_variance	0.551
learning_rate	1e-06
loss	134
n_updates	5820
policy_gradient_loss	-0.000481
value_loss	902

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.82e+03
time/	
fps	121
iterations	584
time_elapsed	2458
total_timesteps	299008
train/	
approx_kl	0.004328026
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.827
explained_variance	0.657

learning_rate	1e-06
loss	54.2
n_updates	5830
policy_gradient_loss	-0.00121
value_loss	127

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.83e+03
time/	
fps	121
iterations	585
time_elapsed	2462
total_timesteps	299520
train/	
approx_kl	0.0022275643
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.88
explained_variance	0.738
learning_rate	1e-06
loss	44.5
n_updates	5840
policy_gradient_loss	-0.000552
value_loss	145

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.83e+03
time/	
fps	121
iterations	586
time_elapsed	2467
total_timesteps	300032
train/	
approx_kl	0.00429423
clip_fraction	0.00586
clip_range	0.2
entropy_loss	-0.887
explained_variance	0.409
learning_rate	1e-06
loss	257
n_updates	5850
policy_gradient_loss	-0.0024
value_loss	507

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.83e+03
time/	
fps	121
iterations	587
time_elapsed	2471
total_timesteps	300544
train/	
approx_kl	0.0012165484
clip_fraction	0
clip_range	0.2
entropy_loss	-0.959
explained_variance	0.631
learning_rate	1e-06
loss	297
n_updates	5860
policy_gradient_loss	-0.00179
value_loss	510

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.83e+03
time/	
fps	121
iterations	588
time_elapsed	2476
total_timesteps	301056
train/	
approx_kl	0.0029773293
clip_fraction	0.0145
clip_range	0.2
entropy_loss	-0.885

explained_variance	0.789
learning_rate	1e-06
loss	54.7
n_updates	5870
policy_gradient_loss	-0.00364
value_loss	175

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	589
time_elapsed	2480
total_timesteps	301568
train/	
approx_kl	0.001688133
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.906
explained_variance	0.779
learning_rate	1e-06
loss	42.9
n_updates	5880
policy_gradient_loss	-0.00441
value_loss	146

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	590
time_elapsed	2484
total_timesteps	302080
train/	
approx_kl	0.00070002896
clip_fraction	0
clip_range	0.2
entropy_loss	-0.936
explained_variance	0.846
learning_rate	1e-06
loss	164
n_updates	5890
policy_gradient_loss	-0.00206
value_loss	342

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	591
time_elapsed	2488
total_timesteps	302592
train/	
approx_kl	0.0031800321
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.924
explained_variance	0.838
learning_rate	1e-06
loss	244
n_updates	5900
policy_gradient_loss	-0.0031
value_loss	364

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	592
time_elapsed	2493
total_timesteps	303104
train/	
approx_kl	0.0015719103
clip_fraction	0.00586
clip_range	0.2

entropy_loss	-0.799
explained_variance	0.834
learning_rate	1e-06
loss	31.8
n_updates	5910
policy_gradient_loss	-0.000986
value_loss	82.7

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	593
time_elapsed	2497
total_timesteps	303616
train/	
approx_kl	0.004037882
clip_fraction	0.0209
clip_range	0.2
entropy_loss	-0.853
explained_variance	0.433
learning_rate	1e-06
loss	588
n_updates	5920
policy_gradient_loss	0.000494
value_loss	811

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	594
time_elapsed	2501
total_timesteps	304128
train/	
approx_kl	0.002677639
clip_fraction	0.0164
clip_range	0.2
entropy_loss	-0.865
explained_variance	0.84
learning_rate	1e-06
loss	66
n_updates	5930
policy_gradient_loss	-0.000946
value_loss	133

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	595
time_elapsed	2505
total_timesteps	304640
train/	
approx_kl	0.0014297187
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.822
explained_variance	0.444
learning_rate	1e-06
loss	865
n_updates	5940
policy_gradient_loss	7.91e-05
value_loss	706

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	596
time_elapsed	2509
total_timesteps	305152
train/	
approx_kl	0.0008294411
clip_fraction	0.000195

clip_range	0.2
entropy_loss	-0.909
explained_variance	0.71
learning_rate	1e-06
loss	84.8
n_updates	5950
policy_gradient_loss	-0.00159
value_loss	207

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	597
time_elapsed	2514
total_timesteps	305664
train/	
approx_kl	0.0044884793
clip_fraction	0
clip_range	0.2
entropy_loss	-0.963
explained_variance	0.861
learning_rate	1e-06
loss	120
n_updates	5960
policy_gradient_loss	-0.00316
value_loss	394

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	598
time_elapsed	2518
total_timesteps	306176
train/	
approx_kl	0.00085400825
clip_fraction	0
clip_range	0.2
entropy_loss	-0.832
explained_variance	0.366
learning_rate	1e-06
loss	105
n_updates	5970
policy_gradient_loss	0.000116
value_loss	290

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	599
time_elapsed	2522
total_timesteps	306688
train/	
approx_kl	0.0033975393
clip_fraction	0
clip_range	0.2
entropy_loss	-0.891
explained_variance	0.759
learning_rate	1e-06
loss	203
n_updates	5980
policy_gradient_loss	-0.00338
value_loss	401

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	600
time_elapsed	2526
total_timesteps	307200
train/	
approx_kl	0.00074625865

clip_fraction	0
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.648
learning_rate	1e-06
loss	338
n_updates	5990
policy_gradient_loss	2.59e-05
value_loss	648

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	601
time_elapsed	2531
total_timesteps	307712
train/	
approx_kl	0.00038446928
clip_fraction	0
clip_range	0.2
entropy_loss	-0.786
explained_variance	0.48
learning_rate	1e-06
loss	51.7
n_updates	6000
policy_gradient_loss	-6.11e-05
value_loss	185

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	602
time_elapsed	2535
total_timesteps	308224
train/	
approx_kl	0.000675026
clip_fraction	0
clip_range	0.2
entropy_loss	-0.762
explained_variance	0.459
learning_rate	1e-06
loss	175
n_updates	6010
policy_gradient_loss	-0.0012
value_loss	751

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	603
time_elapsed	2539
total_timesteps	308736
train/	
approx_kl	0.0015622162
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.831
explained_variance	0.599
learning_rate	1e-06
loss	104
n_updates	6020
policy_gradient_loss	-0.00225
value_loss	652

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	604
time_elapsed	2543
total_timesteps	309248
train/	

approx_kl	0.0015922063
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.894
explained_variance	0.51
learning_rate	1e-06
loss	90.3
n_updates	6030
policy_gradient_loss	-0.000251
value_loss	295

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	605
time_elapsed	2547
total_timesteps	309760
train/	
approx_kl	0.00028514536
clip_fraction	0
clip_range	0.2
entropy_loss	-0.94
explained_variance	0.815
learning_rate	1e-06
loss	134
n_updates	6040
policy_gradient_loss	-3.83e-05
value_loss	296

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	606
time_elapsed	2553
total_timesteps	310272
train/	
approx_kl	0.0006513349
clip_fraction	0
clip_range	0.2
entropy_loss	-0.945
explained_variance	0.441
learning_rate	1e-06
loss	333
n_updates	6050
policy_gradient_loss	-0.000389
value_loss	601

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	607
time_elapsed	2557
total_timesteps	310784
train/	
approx_kl	0.0021533743
clip_fraction	0
clip_range	0.2
entropy_loss	-0.756
explained_variance	0.677
learning_rate	1e-06
loss	52.2
n_updates	6060
policy_gradient_loss	-0.000804
value_loss	112

rollout/	
ep_len_mean	1.07e+03
ep_rew_mean	1.84e+03
time/	
fps	121
iterations	608
time_elapsed	2561
total_timesteps	311296

train/	
approx_kl	0.004755295
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.784
explained_variance	0.317
learning_rate	1e-06
loss	251
n_updates	6070
policy_gradient_loss	-0.00283
value_loss	791

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	609
time_elapsed	2565
total_timesteps	311808
train/	
approx_kl	0.00029046054
clip_fraction	0
clip_range	0.2
entropy_loss	-0.88
explained_variance	0.427
learning_rate	1e-06
loss	188
n_updates	6080
policy_gradient_loss	0.00132
value_loss	456

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	610
time_elapsed	2569
total_timesteps	312320
train/	
approx_kl	0.0024599081
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.859
explained_variance	0.737
learning_rate	1e-06
loss	95.3
n_updates	6090
policy_gradient_loss	-0.00224
value_loss	446

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	611
time_elapsed	2573
total_timesteps	312832
train/	
approx_kl	0.0010259401
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.859
explained_variance	0.686
learning_rate	1e-06
loss	91.5
n_updates	6100
policy_gradient_loss	-0.00206
value_loss	210

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	612
time_elapsed	2578

total_timesteps	313344
train/	
approx_kl	0.0054038707
clip_fraction	0.0318
clip_range	0.2
entropy_loss	-0.88
explained_variance	0.747
learning_rate	1e-06
loss	135
n_updates	6110
policy_gradient_loss	-0.000499
value_loss	256

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	613
time_elapsed	2582
total_timesteps	313856
train/	
approx_kl	0.0010240963
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.553
learning_rate	1e-06
loss	164
n_updates	6120
policy_gradient_loss	-0.00105
value_loss	909

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	614
time_elapsed	2586
total_timesteps	314368
train/	
approx_kl	0.00553589
clip_fraction	0.0336
clip_range	0.2
entropy_loss	-0.857
explained_variance	0.9
learning_rate	1e-06
loss	30
n_updates	6130
policy_gradient_loss	-0.00645
value_loss	105

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	615
time_elapsed	2590
total_timesteps	314880
train/	
approx_kl	0.0055170055
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.896
explained_variance	0.571
learning_rate	1e-06
loss	243
n_updates	6140
policy_gradient_loss	-0.00564
value_loss	861

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	616

time_elapsed	2595
total_timesteps	315392
train/	
approx_kl	0.004693103
clip_fraction	0.0148
clip_range	0.2
entropy_loss	-0.932
explained_variance	0.693
learning_rate	1e-06
loss	94.9
n_updates	6150
policy_gradient_loss	-0.00478
value_loss	299

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	617
time_elapsed	2599
total_timesteps	315904
train/	
approx_kl	0.0016273072
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.865
explained_variance	0.586
learning_rate	1e-06
loss	101
n_updates	6160
policy_gradient_loss	-0.00136
value_loss	245

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	618
time_elapsed	2603
total_timesteps	316416
train/	
approx_kl	0.003729626
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.849
explained_variance	0.76
learning_rate	1e-06
loss	191
n_updates	6170
policy_gradient_loss	-0.00466
value_loss	507

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	619
time_elapsed	2607
total_timesteps	316928
train/	
approx_kl	0.00096843706
clip_fraction	0
clip_range	0.2
entropy_loss	-0.798
explained_variance	0.702
learning_rate	1e-06
loss	71
n_updates	6180
policy_gradient_loss	-0.00133
value_loss	200

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.85e+03
time/	
fps	121

iterations	620
time_elapsed	2612
total_timesteps	317440
train/	
approx_kl	0.0060216757
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-0.813
explained_variance	0.789
learning_rate	1e-06
loss	55.6
n_updates	6190
policy_gradient_loss	-0.00293
value_loss	170

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.85e+03
time/	
fps	121
iterations	621
time_elapsed	2616
total_timesteps	317952
train/	
approx_kl	0.00061933335
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.839
explained_variance	0.714
learning_rate	1e-06
loss	150
n_updates	6200
policy_gradient_loss	0.000366
value_loss	401

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	622
time_elapsed	2620
total_timesteps	318464
train/	
approx_kl	0.0014972535
clip_fraction	0
clip_range	0.2
entropy_loss	-0.784
explained_variance	0.798
learning_rate	1e-06
loss	118
n_updates	6210
policy_gradient_loss	-0.00183
value_loss	220

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	623
time_elapsed	2624
total_timesteps	318976
train/	
approx_kl	0.00069507235
clip_fraction	0
clip_range	0.2
entropy_loss	-0.912
explained_variance	0.801
learning_rate	1e-06
loss	200
n_updates	6220
policy_gradient_loss	-0.000964
value_loss	605

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	

fps	121
iterations	624
time_elapsed	2628
total_timesteps	319488
train/	
approx_kl	0.00065613806
clip_fraction	0
clip_range	0.2
entropy_loss	-0.806
explained_variance	0.785
learning_rate	1e-06
loss	33
n_updates	6230
policy_gradient_loss	0.000653
value_loss	104

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	625
time_elapsed	2633
total_timesteps	320000
train/	
approx_kl	0.003108176
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-0.742
explained_variance	0.802
learning_rate	1e-06
loss	297
n_updates	6240
policy_gradient_loss	-0.00243
value_loss	417

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	626
time_elapsed	2638
total_timesteps	320512
train/	
approx_kl	0.0010585521
clip_fraction	0
clip_range	0.2
entropy_loss	-0.725
explained_variance	0.794
learning_rate	1e-06
loss	59.5
n_updates	6250
policy_gradient_loss	-0.000383
value_loss	156

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	627
time_elapsed	2642
total_timesteps	321024
train/	
approx_kl	0.0031674828
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.801
explained_variance	0.81
learning_rate	1e-06
loss	93.3
n_updates	6260
policy_gradient_loss	-0.00203
value_loss	350

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03

time/	
fps	121
iterations	628
time_elapsed	2646
total_timesteps	321536
train/	
approx_kl	0.0009938396
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.644
explained_variance	0.867
learning_rate	1e-06
loss	50.8
n_updates	6270
policy_gradient_loss	-0.000972
value_loss	175

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	629
time_elapsed	2650
total_timesteps	322048
train/	
approx_kl	0.003178238
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.703
explained_variance	0.46
learning_rate	1e-06
loss	172
n_updates	6280
policy_gradient_loss	-0.00338
value_loss	614

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	630
time_elapsed	2655
total_timesteps	322560
train/	
approx_kl	0.0012160189
clip_fraction	0
clip_range	0.2
entropy_loss	-0.634
explained_variance	0.861
learning_rate	1e-06
loss	60.5
n_updates	6290
policy_gradient_loss	-0.00105
value_loss	143

rollout/	
ep_len_mean	1.08e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	631
time_elapsed	2659
total_timesteps	323072
train/	
approx_kl	0.0012031693
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.549
explained_variance	0.922
learning_rate	1e-06
loss	49.3
n_updates	6300
policy_gradient_loss	-0.0017
value_loss	123

rollout/	
ep_len_mean	1.09e+03

ep_rew_mean	1.86e+03
time/	
fps	121
iterations	632
time_elapsed	2663
total_timesteps	323584
train/	
approx_kl	0.0013835831
clip_fraction	0.0182
clip_range	0.2
entropy_loss	-0.732
explained_variance	0.902
learning_rate	1e-06
loss	53.8
n_updates	6310
policy_gradient_loss	-0.00114
value_loss	139

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	633
time_elapsed	2667
total_timesteps	324096
train/	
approx_kl	0.0009296015
clip_fraction	0
clip_range	0.2
entropy_loss	-0.786
explained_variance	0.656
learning_rate	1e-06
loss	102
n_updates	6320
policy_gradient_loss	-0.00162
value_loss	409

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	634
time_elapsed	2671
total_timesteps	324608
train/	
approx_kl	0.0012093391
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.741
explained_variance	0.928
learning_rate	1e-06
loss	61.8
n_updates	6330
policy_gradient_loss	-0.00192
value_loss	128

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	635
time_elapsed	2676
total_timesteps	325120
train/	
approx_kl	0.0021892702
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-0.735
explained_variance	0.832
learning_rate	1e-06
loss	266
n_updates	6340
policy_gradient_loss	-0.000144
value_loss	537

rollout/	
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ep_len_mean	1.1e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	636
time_elapsed	2680
total_timesteps	325632
train/	
approx_kl	0.00078307744
clip_fraction	0
clip_range	0.2
entropy_loss	-0.754
explained_variance	0.793
learning_rate	1e-06
loss	85
n_updates	6350
policy_gradient_loss	-0.00147
value_loss	180

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.86e+03
time/	
fps	121
iterations	637
time_elapsed	2684
total_timesteps	326144
train/	
approx_kl	0.00085953623
clip_fraction	0
clip_range	0.2
entropy_loss	-0.938
explained_variance	0.732
learning_rate	1e-06
loss	86.5
n_updates	6360
policy_gradient_loss	0.000542
value_loss	139

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	638
time_elapsed	2688
total_timesteps	326656
train/	
approx_kl	0.0027909947
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.749
explained_variance	0.851
learning_rate	1e-06
loss	88.1
n_updates	6370
policy_gradient_loss	-0.0042
value_loss	184

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	639
time_elapsed	2692
total_timesteps	327168
train/	
approx_kl	0.0033110727
clip_fraction	0.0174
clip_range	0.2
entropy_loss	-0.949
explained_variance	0.752
learning_rate	1e-06
loss	61.3
n_updates	6380
policy_gradient_loss	-0.000816
value_loss	264

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.87e+03
time/	
fps	121
iterations	640
time_elapsed	2697
total_timesteps	327680
train/	
approx_kl	0.002670609
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.696
explained_variance	0.889
learning_rate	1e-06
loss	83.8
n_updates	6390
policy_gradient_loss	-0.00134
value_loss	193

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.87e+03
time/	
fps	121
iterations	641
time_elapsed	2701
total_timesteps	328192
train/	
approx_kl	0.0015253928
clip_fraction	0
clip_range	0.2
entropy_loss	-0.996
explained_variance	0.758
learning_rate	1e-06
loss	382
n_updates	6400
policy_gradient_loss	-0.00163
value_loss	517

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.87e+03
time/	
fps	121
iterations	642
time_elapsed	2705
total_timesteps	328704
train/	
approx_kl	0.002083222
clip_fraction	0.00645
clip_range	0.2
entropy_loss	-0.77
explained_variance	0.75
learning_rate	1e-06
loss	15.2
n_updates	6410
policy_gradient_loss	-0.00364
value_loss	77.9

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.87e+03
time/	
fps	121
iterations	643
time_elapsed	2709
total_timesteps	329216
train/	
approx_kl	0.002942027
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.786
explained_variance	0.767
learning_rate	1e-06
loss	143
n_updates	6420
policy_gradient_loss	0.000633
value_loss	393

rollout/		
ep_len_mean		1.11e+03
ep_rew_mean		1.87e+03
time/		
fps		121
iterations		644
time_elapsed		2713
total_timesteps		329728
train/		
approx_kl		0.0012155504
clip_fraction		0.00176
clip_range		0.2
entropy_loss		-0.931
explained_variance		0.859
learning_rate		1e-06
loss		76.2
n_updates		6430
policy_gradient_loss		-0.000715
value_loss		327

rollout/		
ep_len_mean		1.12e+03
ep_rew_mean		1.87e+03
time/		
fps		121
iterations		645
time_elapsed		2719
total_timesteps		330240
train/		
approx_kl		0.0010575684
clip_fraction		0.00313
clip_range		0.2
entropy_loss		-0.679
explained_variance		0.936
learning_rate		1e-06
loss		61.2
n_updates		6440
policy_gradient_loss		0.000151
value_loss		172

rollout/		
ep_len_mean		1.12e+03
ep_rew_mean		1.87e+03
time/		
fps		121
iterations		646
time_elapsed		2723
total_timesteps		330752
train/		
approx_kl		0.0015819146
clip_fraction		0.00156
clip_range		0.2
entropy_loss		-0.768
explained_variance		0.79
learning_rate		1e-06
loss		132
n_updates		6450
policy_gradient_loss		0.000134
value_loss		296

rollout/		
ep_len_mean		1.12e+03
ep_rew_mean		1.87e+03
time/		
fps		121
iterations		647
time_elapsed		2727
total_timesteps		331264
train/		
approx_kl		0.00024293375
clip_fraction		0
clip_range		0.2
entropy_loss		-0.706
explained_variance		0.525
learning_rate		1e-06
loss		209
n_updates		6460
policy_gradient_loss		0.000781
value_loss		414

rollout/		
ep_len_mean	1.12e+03	
ep_rew_mean	1.88e+03	
time/		
fps	121	
iterations	648	
time_elapsed	2731	
total_timesteps	331776	
train/		
approx_kl	0.0011171999	
clip_fraction	0.000586	
clip_range	0.2	
entropy_loss	-0.667	
explained_variance	0.933	
learning_rate	1e-06	
loss	53.1	
n_updates	6470	
policy_gradient_loss	-0.000272	
value_loss	109	

rollout/		
ep_len_mean	1.12e+03	
ep_rew_mean	1.88e+03	
time/		
fps	121	
iterations	649	
time_elapsed	2736	
total_timesteps	332288	
train/		
approx_kl	0.0028355988	
clip_fraction	0.00996	
clip_range	0.2	
entropy_loss	-0.659	
explained_variance	0.88	
learning_rate	1e-06	
loss	254	
n_updates	6480	
policy_gradient_loss	-0.00113	
value_loss	473	

rollout/		
ep_len_mean	1.12e+03	
ep_rew_mean	1.88e+03	
time/		
fps	121	
iterations	650	
time_elapsed	2740	
total_timesteps	332800	
train/		
approx_kl	0.0032823666	
clip_fraction	0.0146	
clip_range	0.2	
entropy_loss	-0.791	
explained_variance	0.897	
learning_rate	1e-06	
loss	80.4	
n_updates	6490	
policy_gradient_loss	-0.00405	
value_loss	192	

rollout/		
ep_len_mean	1.12e+03	
ep_rew_mean	1.88e+03	
time/		
fps	121	
iterations	651	
time_elapsed	2744	
total_timesteps	333312	
train/		
approx_kl	0.0026569306	
clip_fraction	0.00254	
clip_range	0.2	
entropy_loss	-0.798	
explained_variance	0.923	
learning_rate	1e-06	
loss	106	
n_updates	6500	
policy_gradient_loss	-0.00211	

	value_loss		198	
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	rollout/			
	ep_len_mean		1.12e+03	
	ep_rew_mean		1.88e+03	
	time/			
	fps		121	
	iterations		652	
	time_elapsed		2748	
	total_timesteps		333824	
	train/			
	approx_kl		0.00071439403	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-0.864	
	explained_variance		0.55	
	learning_rate		1e-06	
	loss		114	
	n_updates		6510	
	policy_gradient_loss		-0.000582	
	value_loss		504	

	rollout/			
	ep_len_mean		1.12e+03	
	ep_rew_mean		1.88e+03	
	time/			
	fps		121	
	iterations		653	
	time_elapsed		2752	
	total_timesteps		334336	
	train/			
	approx_kl		0.00044095737	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-0.703	
	explained_variance		0.849	
	learning_rate		1e-06	
	loss		41.9	
	n_updates		6520	
	policy_gradient_loss		-0.000831	
	value_loss		140	

	rollout/			
	ep_len_mean		1.13e+03	
	ep_rew_mean		1.88e+03	
	time/			
	fps		121	
	iterations		654	
	time_elapsed		2757	
	total_timesteps		334848	
	train/			
	approx_kl		0.0010236399	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-0.769	
	explained_variance		0.844	
	learning_rate		1e-06	
	loss		121	
	n_updates		6530	
	policy_gradient_loss		-0.00129	
	value_loss		219	

	rollout/			
	ep_len_mean		1.13e+03	
	ep_rew_mean		1.88e+03	
	time/			
	fps		121	
	iterations		655	
	time_elapsed		2761	
	total_timesteps		335360	
	train/			
	approx_kl		0.006787844	
	clip_fraction		0.0297	
	clip_range		0.2	
	entropy_loss		-0.912	
	explained_variance		0.856	
	learning_rate		1e-06	
	loss		46.3	
	n_updates		6540	

policy_gradient_loss	-0.0054
value_loss	233

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	656
time_elapsed	2765
total_timesteps	335872
train/	
approx_kl	0.0060339067
clip_fraction	0.0148
clip_range	0.2
entropy_loss	-0.877
explained_variance	0.867
learning_rate	1e-06
loss	80.3
n_updates	6550
policy_gradient_loss	-0.00633
value_loss	227

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	657
time_elapsed	2769
total_timesteps	336384
train/	
approx_kl	0.0012373383
clip_fraction	0
clip_range	0.2
entropy_loss	-0.918
explained_variance	0.898
learning_rate	1e-06
loss	126
n_updates	6560
policy_gradient_loss	-0.00138
value_loss	252

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	658
time_elapsed	2774
total_timesteps	336896
train/	
approx_kl	0.0016621108
clip_fraction	0
clip_range	0.2
entropy_loss	-0.816
explained_variance	0.91
learning_rate	1e-06
loss	52.1
n_updates	6570
policy_gradient_loss	-0.000976
value_loss	121

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	659
time_elapsed	2778
total_timesteps	337408
train/	
approx_kl	0.0015167953
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.91
explained_variance	0.923
learning_rate	1e-06
loss	55.2

n_updates	6580
policy_gradient_loss	-0.00133
value_loss	177

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.88e+03
time/	
fps	121
iterations	660
time_elapsed	2782
total_timesteps	337920
train/	
approx_kl	0.0017471804
clip_fraction	0.00586
clip_range	0.2
entropy_loss	-0.775
explained_variance	0.933
learning_rate	1e-06
loss	99
n_updates	6590
policy_gradient_loss	-0.00211
value_loss	169

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.89e+03
time/	
fps	121
iterations	661
time_elapsed	2786
total_timesteps	338432
train/	
approx_kl	0.002617102
clip_fraction	0.0191
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.767
learning_rate	1e-06
loss	67.8
n_updates	6600
policy_gradient_loss	-0.00368
value_loss	159

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.89e+03
time/	
fps	121
iterations	662
time_elapsed	2791
total_timesteps	338944
train/	
approx_kl	0.00089293986
clip_fraction	0
clip_range	0.2
entropy_loss	-0.938
explained_variance	0.394
learning_rate	1e-06
loss	460
n_updates	6610
policy_gradient_loss	-0.000347
value_loss	755

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.89e+03
time/	
fps	121
iterations	663
time_elapsed	2795
total_timesteps	339456
train/	
approx_kl	0.002903217
clip_fraction	0
clip_range	0.2
entropy_loss	-0.978
explained_variance	0.691
learning_rate	1e-06

loss	133
n_updates	6620
policy_gradient_loss	-0.00182
value_loss	297

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.89e+03
time/	
fps	121
iterations	664
time_elapsed	2799
total_timesteps	339968
train/	
approx_kl	0.0020570369
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.885
explained_variance	0.894
learning_rate	1e-06
loss	43.4
n_updates	6630
policy_gradient_loss	0.000336
value_loss	148

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	665
time_elapsed	2804
total_timesteps	340480
train/	
approx_kl	0.0020878506
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.884
explained_variance	0.469
learning_rate	1e-06
loss	169
n_updates	6640
policy_gradient_loss	-0.00189
value_loss	373

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	666
time_elapsed	2809
total_timesteps	340992
train/	
approx_kl	0.0013474176
clip_fraction	0
clip_range	0.2
entropy_loss	-0.804
explained_variance	0.522
learning_rate	1e-06
loss	97.3
n_updates	6650
policy_gradient_loss	-0.00151
value_loss	793

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	667
time_elapsed	2813
total_timesteps	341504
train/	
approx_kl	0.0009956871
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.808
explained_variance	0.396

learning_rate	1e-06
loss	259
n_updates	6660
policy_gradient_loss	-0.00187
value_loss	754

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	668
time_elapsed	2817
total_timesteps	342016
train/	
approx_kl	0.0036461027
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-0.923
explained_variance	0.871
learning_rate	1e-06
loss	60.8
n_updates	6670
policy_gradient_loss	-0.00129
value_loss	153

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.92e+03
time/	
fps	121
iterations	669
time_elapsed	2821
total_timesteps	342528
train/	
approx_kl	0.006664481
clip_fraction	0.0592
clip_range	0.2
entropy_loss	-0.683
explained_variance	0.908
learning_rate	1e-06
loss	55.5
n_updates	6680
policy_gradient_loss	-0.00663
value_loss	153

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.92e+03
time/	
fps	121
iterations	670
time_elapsed	2825
total_timesteps	343040
train/	
approx_kl	0.0019151563
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.747
explained_variance	0.543
learning_rate	1e-06
loss	691
n_updates	6690
policy_gradient_loss	-0.00106
value_loss	926

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.92e+03
time/	
fps	121
iterations	671
time_elapsed	2830
total_timesteps	343552
train/	
approx_kl	0.0023273814
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.748

explained_variance	0.658
learning_rate	1e-06
loss	98.5
n_updates	6700
policy_gradient_loss	-0.0025
value_loss	186

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.92e+03
time/	
fps	121
iterations	672
time_elapsed	2834
total_timesteps	344064
train/	
approx_kl	0.0029860726
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.761
explained_variance	0.866
learning_rate	1e-06
loss	148
n_updates	6710
policy_gradient_loss	-0.000959
value_loss	320

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	673
time_elapsed	2838
total_timesteps	344576
train/	
approx_kl	0.0015073636
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.659
explained_variance	0.892
learning_rate	1e-06
loss	38.1
n_updates	6720
policy_gradient_loss	-0.00156
value_loss	112

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	674
time_elapsed	2842
total_timesteps	345088
train/	
approx_kl	0.003238246
clip_fraction	0.0158
clip_range	0.2
entropy_loss	-0.722
explained_variance	0.637
learning_rate	1e-06
loss	407
n_updates	6730
policy_gradient_loss	-0.00264
value_loss	783

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	675
time_elapsed	2846
total_timesteps	345600
train/	
approx_kl	0.0013262474
clip_fraction	0.000391
clip_range	0.2

entropy_loss	-0.761
explained_variance	0.567
learning_rate	1e-06
loss	374
n_updates	6740
policy_gradient_loss	-0.00234
value_loss	648

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	676
time_elapsed	2851
total_timesteps	346112
train/	
approx_kl	0.0019088398
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.855
explained_variance	0.901
learning_rate	1e-06
loss	83.2
n_updates	6750
policy_gradient_loss	-0.00068
value_loss	151

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	677
time_elapsed	2855
total_timesteps	346624
train/	
approx_kl	0.0011952773
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.934
explained_variance	0.941
learning_rate	1e-06
loss	53.3
n_updates	6760
policy_gradient_loss	-0.00179
value_loss	188

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	678
time_elapsed	2859
total_timesteps	347136
train/	
approx_kl	0.0013377822
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.851
explained_variance	0.845
learning_rate	1e-06
loss	48.9
n_updates	6770
policy_gradient_loss	-0.00092
value_loss	117

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	679
time_elapsed	2863
total_timesteps	347648
train/	
approx_kl	0.001536295
clip_fraction	0

clip_range	0.2
entropy_loss	-0.803
explained_variance	0.86
learning_rate	1e-06
loss	58.6
n_updates	6780
policy_gradient_loss	-0.00153
value_loss	117

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	680
time_elapsed	2868
total_timesteps	348160
train/	
approx_kl	0.004532385
clip_fraction	0.0281
clip_range	0.2
entropy_loss	-0.746
explained_variance	0.887
learning_rate	1e-06
loss	71.3
n_updates	6790
policy_gradient_loss	-0.00361
value_loss	226

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	681
time_elapsed	2872
total_timesteps	348672
train/	
approx_kl	0.0016238367
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.804
explained_variance	0.768
learning_rate	1e-06
loss	105
n_updates	6800
policy_gradient_loss	0.000139
value_loss	359

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	682
time_elapsed	2876
total_timesteps	349184
train/	
approx_kl	0.000889961
clip_fraction	0
clip_range	0.2
entropy_loss	-0.674
explained_variance	0.949
learning_rate	1e-06
loss	46.5
n_updates	6810
policy_gradient_loss	-0.000706
value_loss	119

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	683
time_elapsed	2880
total_timesteps	349696
train/	
approx_kl	0.001825807

clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.755
explained_variance	0.755
learning_rate	1e-06
loss	89.9
n_updates	6820
policy_gradient_loss	0.000741
value_loss	483

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	684
time_elapsed	2886
total_timesteps	350208
train/	
approx_kl	0.0013132914
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.858
explained_variance	0.703
learning_rate	1e-06
loss	74.6
n_updates	6830
policy_gradient_loss	-0.00141
value_loss	219

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	685
time_elapsed	2890
total_timesteps	350720
train/	
approx_kl	0.0012979885
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.735
explained_variance	0.717
learning_rate	1e-06
loss	51
n_updates	6840
policy_gradient_loss	-0.000547
value_loss	118

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	686
time_elapsed	2894
total_timesteps	351232
train/	
approx_kl	0.0045356248
clip_fraction	0.0129
clip_range	0.2
entropy_loss	-0.837
explained_variance	0.89
learning_rate	1e-06
loss	48.3
n_updates	6850
policy_gradient_loss	-0.0047
value_loss	127

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	687
time_elapsed	2898
total_timesteps	351744
train/	

approx_kl	0.00072773837
clip_fraction	0
clip_range	0.2
entropy_loss	-0.815
explained_variance	0.784
learning_rate	1e-06
loss	195
n_updates	6860
policy_gradient_loss	-0.00041
value_loss	398

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	688
time_elapsed	2903
total_timesteps	352256
train/	
approx_kl	0.0011694841
clip_fraction	0
clip_range	0.2
entropy_loss	-0.857
explained_variance	0.708
learning_rate	1e-06
loss	63
n_updates	6870
policy_gradient_loss	1.57e-05
value_loss	171

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.91e+03
time/	
fps	121
iterations	689
time_elapsed	2907
total_timesteps	352768
train/	
approx_kl	0.005263097
clip_fraction	0.024
clip_range	0.2
entropy_loss	-0.792
explained_variance	0.136
learning_rate	1e-06
loss	164
n_updates	6880
policy_gradient_loss	-0.00257
value_loss	419

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	690
time_elapsed	2911
total_timesteps	353280
train/	
approx_kl	0.0010914596
clip_fraction	0
clip_range	0.2
entropy_loss	-0.884
explained_variance	0.81
learning_rate	1e-06
loss	149
n_updates	6890
policy_gradient_loss	-0.00144
value_loss	429

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	691
time_elapsed	2916
total_timesteps	353792

train/	
approx_kl	0.0007737499
clip_fraction	0
clip_range	0.2
entropy_loss	-0.82
explained_variance	0.922
learning_rate	1e-06
loss	55.7
n_updates	6900
policy_gradient_loss	-0.00213
value_loss	202

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	692
time_elapsed	2920
total_timesteps	354304
train/	
approx_kl	0.002658925
clip_fraction	0.00723
clip_range	0.2
entropy_loss	-0.804
explained_variance	0.802
learning_rate	1e-06
loss	80.1
n_updates	6910
policy_gradient_loss	-0.0029
value_loss	187

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	693
time_elapsed	2924
total_timesteps	354816
train/	
approx_kl	0.0005247978
clip_fraction	0
clip_range	0.2
entropy_loss	-0.813
explained_variance	0.75
learning_rate	1e-06
loss	97.9
n_updates	6920
policy_gradient_loss	4.21e-06
value_loss	234

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	694
time_elapsed	2928
total_timesteps	355328
train/	
approx_kl	0.001353583
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.786
explained_variance	0.901
learning_rate	1e-06
loss	88.5
n_updates	6930
policy_gradient_loss	-0.00512
value_loss	194

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.93e+03
time/	
fps	121
iterations	695
time_elapsed	2933

total_timesteps	355840
train/	
approx_kl	0.0045257816
clip_fraction	0.0107
clip_range	0.2
entropy_loss	-0.781
explained_variance	0.914
learning_rate	1e-06
loss	58.3
n_updates	6940
policy_gradient_loss	-0.00185
value_loss	133

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.93e+03
time/	
fps	121
iterations	696
time_elapsed	2937
total_timesteps	356352
train/	
approx_kl	0.0041963565
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.84
explained_variance	0.795
learning_rate	1e-06
loss	151
n_updates	6950
policy_gradient_loss	-0.00392
value_loss	450

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.93e+03
time/	
fps	121
iterations	697
time_elapsed	2941
total_timesteps	356864
train/	
approx_kl	0.0032854457
clip_fraction	0.0406
clip_range	0.2
entropy_loss	-0.807
explained_variance	0.869
learning_rate	1e-06
loss	68.6
n_updates	6960
policy_gradient_loss	-0.00489
value_loss	173

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.93e+03
time/	
fps	121
iterations	698
time_elapsed	2945
total_timesteps	357376
train/	
approx_kl	0.0014696104
clip_fraction	0
clip_range	0.2
entropy_loss	-0.754
explained_variance	0.856
learning_rate	1e-06
loss	83.5
n_updates	6970
policy_gradient_loss	-0.000779
value_loss	228

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	699

time_elapsed	2949
total_timesteps	357888
train/	
approx_kl	0.0002868973
clip_fraction	0
clip_range	0.2
entropy_loss	-0.728
explained_variance	0.866
learning_rate	1e-06
loss	89.4
n_updates	6980
policy_gradient_loss	-0.000403
value_loss	180

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	700
time_elapsed	2954
total_timesteps	358400
train/	
approx_kl	0.0025417448
clip_fraction	0
clip_range	0.2
entropy_loss	-0.818
explained_variance	0.74
learning_rate	1e-06
loss	368
n_updates	6990
policy_gradient_loss	-0.0022
value_loss	525

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	701
time_elapsed	2958
total_timesteps	358912
train/	
approx_kl	0.0025555016
clip_fraction	0.0123
clip_range	0.2
entropy_loss	-0.811
explained_variance	0.681
learning_rate	1e-06
loss	69.4
n_updates	7000
policy_gradient_loss	-7.69e-05
value_loss	212

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121
iterations	702
time_elapsed	2962
total_timesteps	359424
train/	
approx_kl	0.0039825873
clip_fraction	0.0187
clip_range	0.2
entropy_loss	-0.927
explained_variance	0.729
learning_rate	1e-06
loss	200
n_updates	7010
policy_gradient_loss	-0.00262
value_loss	482

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.94e+03
time/	
fps	121

iterations	703
time_elapsed	2966
total_timesteps	359936
train/	
approx_kl	0.001782494
clip_fraction	0.0143
clip_range	0.2
entropy_loss	-1.06
explained_variance	-0.616
learning_rate	1e-06
loss	16.5
n_updates	7020
policy_gradient_loss	0.000705
value_loss	69.7

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	704
time_elapsed	2973
total_timesteps	360448
train/	
approx_kl	0.0010105585
clip_fraction	0
clip_range	0.2
entropy_loss	-0.938
explained_variance	0.73
learning_rate	1e-06
loss	157
n_updates	7030
policy_gradient_loss	0.000376
value_loss	406

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	705
time_elapsed	2977
total_timesteps	360960
train/	
approx_kl	0.0023585502
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.891
learning_rate	1e-06
loss	167
n_updates	7040
policy_gradient_loss	-0.000737
value_loss	506

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	706
time_elapsed	2981
total_timesteps	361472
train/	
approx_kl	0.001786804
clip_fraction	0
clip_range	0.2
entropy_loss	-0.796
explained_variance	0.585
learning_rate	1e-06
loss	94.7
n_updates	7050
policy_gradient_loss	-0.00274
value_loss	180

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.96e+03
time/	

fps	121
iterations	707
time_elapsed	2985
total_timesteps	361984
train/	
approx_kl	0.0013539298
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.773
explained_variance	0.779
learning_rate	1e-06
loss	456
n_updates	7060
policy_gradient_loss	-0.0031
value_loss	549

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.95e+03
time/	
fps	121
iterations	708
time_elapsed	2990
total_timesteps	362496
train/	
approx_kl	0.0027609882
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.9
explained_variance	0.915
learning_rate	1e-06
loss	25.5
n_updates	7070
policy_gradient_loss	-0.000708
value_loss	86.8

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.95e+03
time/	
fps	121
iterations	709
time_elapsed	2994
total_timesteps	363008
train/	
approx_kl	0.0033666287
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.769
explained_variance	0.733
learning_rate	1e-06
loss	169
n_updates	7080
policy_gradient_loss	0.00216
value_loss	508

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.95e+03
time/	
fps	121
iterations	710
time_elapsed	2998
total_timesteps	363520
train/	
approx_kl	0.0003845034
clip_fraction	0
clip_range	0.2
entropy_loss	-0.608
explained_variance	0.74
learning_rate	1e-06
loss	65.5
n_updates	7090
policy_gradient_loss	-0.000589
value_loss	186

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.96e+03

time/	
fps	121
iterations	711
time_elapsed	3002
total_timesteps	364032
train/	
approx_kl	0.0015482297
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.948
explained_variance	0.382
learning_rate	1e-06
loss	213
n_updates	7100
policy_gradient_loss	0.000573
value_loss	632

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	712
time_elapsed	3007
total_timesteps	364544
train/	
approx_kl	0.0006743681
clip_fraction	0
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.514
learning_rate	1e-06
loss	367
n_updates	7110
policy_gradient_loss	0.00108
value_loss	928

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	713
time_elapsed	3011
total_timesteps	365056
train/	
approx_kl	0.0057302085
clip_fraction	0.0355
clip_range	0.2
entropy_loss	-0.75
explained_variance	0.835
learning_rate	1e-06
loss	148
n_updates	7120
policy_gradient_loss	-0.00497
value_loss	273

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	714
time_elapsed	3015
total_timesteps	365568
train/	
approx_kl	0.0020005123
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.896
learning_rate	1e-06
loss	61.3
n_updates	7130
policy_gradient_loss	-0.0029
value_loss	236

rollout/	
ep_len_mean	1.22e+03

ep_rew_mean	1.96e+03
time/	
fps	121
iterations	715
time_elapsed	3019
total_timesteps	366080
train/	
approx_kl	0.0022788914
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.93
explained_variance	0.789
learning_rate	1e-06
loss	72.2
n_updates	7140
policy_gradient_loss	-0.00201
value_loss	203

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	716
time_elapsed	3024
total_timesteps	366592
train/	
approx_kl	0.0014171526
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.651
learning_rate	1e-06
loss	177
n_updates	7150
policy_gradient_loss	0.00128
value_loss	570

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	121
iterations	717
time_elapsed	3028
total_timesteps	367104
train/	
approx_kl	0.0035626763
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.872
learning_rate	1e-06
loss	149
n_updates	7160
policy_gradient_loss	-0.00305
value_loss	304

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	718
time_elapsed	3032
total_timesteps	367616
train/	
approx_kl	0.0063592335
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.989
explained_variance	0.877
learning_rate	1e-06
loss	58.3
n_updates	7170
policy_gradient_loss	-0.0051
value_loss	145

rollout/	
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ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	719
time_elapsed	3036
total_timesteps	368128
train/	
approx_kl	0.0012484491
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.926
explained_variance	0.494
learning_rate	1e-06
loss	409
n_updates	7180
policy_gradient_loss	-0.000436
value_loss	723

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	720
time_elapsed	3040
total_timesteps	368640
train/	
approx_kl	0.00450158
clip_fraction	0.0176
clip_range	0.2
entropy_loss	-0.868
explained_variance	0.861
learning_rate	1e-06
loss	26
n_updates	7190
policy_gradient_loss	-0.000272
value_loss	140

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	721
time_elapsed	3045
total_timesteps	369152
train/	
approx_kl	0.008191551
clip_fraction	0.0748
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.926
learning_rate	1e-06
loss	42.6
n_updates	7200
policy_gradient_loss	-0.0122
value_loss	116

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	722
time_elapsed	3049
total_timesteps	369664
train/	
approx_kl	0.0009620555
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.772
learning_rate	1e-06
loss	123
n_updates	7210
policy_gradient_loss	0.00145
value_loss	283

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	723
time_elapsed	3054
total_timesteps	370176
train/	
approx_kl	0.010181965
clip_fraction	0.0361
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.925
learning_rate	1e-06
loss	95.1
n_updates	7220
policy_gradient_loss	-0.00696
value_loss	182

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	724
time_elapsed	3059
total_timesteps	370688
train/	
approx_kl	0.0038648578
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.429
learning_rate	1e-06
loss	146
n_updates	7230
policy_gradient_loss	-0.00373
value_loss	368

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	725
time_elapsed	3064
total_timesteps	371200
train/	
approx_kl	0.0022645984
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-1.43
explained_variance	0.785
learning_rate	1e-06
loss	364
n_updates	7240
policy_gradient_loss	0.00374
value_loss	739

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	726
time_elapsed	3068
total_timesteps	371712
train/	
approx_kl	0.0016592628
clip_fraction	0
clip_range	0.2
entropy_loss	-1.86
explained_variance	-1.99
learning_rate	1e-06
loss	0.176
n_updates	7250
policy_gradient_loss	-0.00185
value_loss	1.57

rollout/		
ep_len_mean	1.22e+03	
ep_rew_mean	1.97e+03	
time/		
fps	121	
iterations	727	
time_elapsed	3072	
total_timesteps	372224	
train/		
approx_kl	0.0011556109	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.87	
explained_variance	-0.728	
learning_rate	1e-06	
loss	0.15	
n_updates	7260	
policy_gradient_loss	-0.00187	
value_loss	1.09	

rollout/		
ep_len_mean	1.22e+03	
ep_rew_mean	1.97e+03	
time/		
fps	121	
iterations	728	
time_elapsed	3076	
total_timesteps	372736	
train/		
approx_kl	0.00018471165	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.88	
explained_variance	-0.687	
learning_rate	1e-06	
loss	0.136	
n_updates	7270	
policy_gradient_loss	-8.57e-05	
value_loss	0.754	

rollout/		
ep_len_mean	1.22e+03	
ep_rew_mean	1.97e+03	
time/		
fps	121	
iterations	729	
time_elapsed	3081	
total_timesteps	373248	
train/		
approx_kl	0.00013651501	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.87	
explained_variance	-0.975	
learning_rate	1e-06	
loss	0.112	
n_updates	7280	
policy_gradient_loss	-0.000177	
value_loss	0.909	

rollout/		
ep_len_mean	1.22e+03	
ep_rew_mean	1.97e+03	
time/		
fps	121	
iterations	730	
time_elapsed	3085	
total_timesteps	373760	
train/		
approx_kl	0.00045266398	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.87	
explained_variance	-0.398	
learning_rate	1e-06	
loss	0.101	
n_updates	7290	
policy_gradient_loss	-0.00115	
value_loss	0.36	

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	731
time_elapsed	3089
total_timesteps	374272
train/	
approx_kl	0.0004438759
clip_fraction	0
clip_range	0.2
entropy_loss	-1.86
explained_variance	-0.791
learning_rate	1e-06
loss	0.228
n_updates	7300
policy_gradient_loss	-0.00174
value_loss	0.607

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	732
time_elapsed	3094
total_timesteps	374784
train/	
approx_kl	0.00056295376
clip_fraction	0
clip_range	0.2
entropy_loss	-1.86
explained_variance	-1.22
learning_rate	1e-06
loss	0.0828
n_updates	7310
policy_gradient_loss	-0.00144
value_loss	0.32

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	733
time_elapsed	3098
total_timesteps	375296
train/	
approx_kl	0.00043654453
clip_fraction	0
clip_range	0.2
entropy_loss	-1.85
explained_variance	-0.543
learning_rate	1e-06
loss	0.0683
n_updates	7320
policy_gradient_loss	-0.000931
value_loss	0.219

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	734
time_elapsed	3102
total_timesteps	375808
train/	
approx_kl	0.000118380645
clip_fraction	0
clip_range	0.2
entropy_loss	-1.84
explained_variance	-0.0414
learning_rate	1e-06
loss	0.0855
n_updates	7330
policy_gradient_loss	-0.000384

value_loss	0.28
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rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	735
time_elapsed	3106
total_timesteps	376320
train/	
approx_kl	0.00025230297
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.624
learning_rate	1e-06
loss	0.163
n_updates	7340
policy_gradient_loss	-0.000983
value_loss	0.463

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	736
time_elapsed	3110
total_timesteps	376832
train/	
approx_kl	0.0004644919
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.0719
learning_rate	1e-06
loss	0.149
n_updates	7350
policy_gradient_loss	-0.00155
value_loss	0.265

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	737
time_elapsed	3115
total_timesteps	377344
train/	
approx_kl	0.00020550494
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.0829
learning_rate	1e-06
loss	0.122
n_updates	7360
policy_gradient_loss	-0.000774
value_loss	0.268

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	738
time_elapsed	3119
total_timesteps	377856
train/	
approx_kl	0.0002790084
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.0165
learning_rate	1e-06
loss	0.155
n_updates	7370

policy_gradient_loss	-0.000915
value_loss	0.248

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	739
time_elapsed	3123
total_timesteps	378368
train/	
approx_kl	0.00022675842
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	-0.0394
learning_rate	1e-06
loss	0.16
n_updates	7380
policy_gradient_loss	-0.000643
value_loss	0.275

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	740
time_elapsed	3127
total_timesteps	378880
train/	
approx_kl	2.8665527e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-1.83
explained_variance	0.567
learning_rate	1e-06
loss	0.252
n_updates	7390
policy_gradient_loss	0.000177
value_loss	0.441

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	741
time_elapsed	3131
total_timesteps	379392
train/	
approx_kl	0.0041224877
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.3
explained_variance	0.976
learning_rate	1e-06
loss	36.5
n_updates	7400
policy_gradient_loss	-0.00227
value_loss	76.6

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	742
time_elapsed	3136
total_timesteps	379904
train/	
approx_kl	0.0028824133
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	-1.02
learning_rate	1e-06
loss	6.86

n_updates	7410
policy_gradient_loss	-0.000743
value_loss	33.4

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	743
time_elapsed	3141
total_timesteps	380416
train/	
approx_kl	0.0013492847
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	-0.876
learning_rate	1e-06
loss	4.71
n_updates	7420
policy_gradient_loss	-0.00246
value_loss	27.3

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	744
time_elapsed	3145
total_timesteps	380928
train/	
approx_kl	0.002380813
clip_fraction	0
clip_range	0.2
entropy_loss	-1.19
explained_variance	-0.595
learning_rate	1e-06
loss	3.69
n_updates	7430
policy_gradient_loss	-0.00262
value_loss	16.5

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	745
time_elapsed	3149
total_timesteps	381440
train/	
approx_kl	0.0012168199
clip_fraction	0
clip_range	0.2
entropy_loss	-1.22
explained_variance	-1.13
learning_rate	1e-06
loss	5.16
n_updates	7440
policy_gradient_loss	-0.000516
value_loss	15.9

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	746
time_elapsed	3154
total_timesteps	381952
train/	
approx_kl	0.003170816
clip_fraction	0.0186
clip_range	0.2
entropy_loss	-1.2
explained_variance	-0.376
learning_rate	1e-06

loss	2.67
n_updates	7450
policy_gradient_loss	-0.00431
value_loss	11.1

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	747
time_elapsed	3158
total_timesteps	382464
train/	
approx_kl	0.0012422239
clip_fraction	0
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.792
learning_rate	1e-06
loss	62.9
n_updates	7460
policy_gradient_loss	-0.00166
value_loss	134

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	748
time_elapsed	3162
total_timesteps	382976
train/	
approx_kl	0.013870377
clip_fraction	0.067
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.875
learning_rate	1e-06
loss	66.9
n_updates	7470
policy_gradient_loss	-0.000516
value_loss	212

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	749
time_elapsed	3166
total_timesteps	383488
train/	
approx_kl	0.0026377959
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.29
explained_variance	0.439
learning_rate	1e-06
loss	232
n_updates	7480
policy_gradient_loss	0.00197
value_loss	703

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	750
time_elapsed	3170
total_timesteps	384000
train/	
approx_kl	0.0016227574
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.922

learning_rate	1e-06
loss	43.7
n_updates	7490
policy_gradient_loss	-0.00135
value_loss	149

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	751
time_elapsed	3175
total_timesteps	384512
train/	
approx_kl	0.00048624235
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.893
learning_rate	1e-06
loss	62.8
n_updates	7500
policy_gradient_loss	0.000157
value_loss	227

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	752
time_elapsed	3179
total_timesteps	385024
train/	
approx_kl	0.000769572
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.949
learning_rate	1e-06
loss	57.8
n_updates	7510
policy_gradient_loss	-2.27e-05
value_loss	128

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	753
time_elapsed	3183
total_timesteps	385536
train/	
approx_kl	0.00022084685
clip_fraction	0
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.9
learning_rate	1e-06
loss	97.6
n_updates	7520
policy_gradient_loss	-0.000561
value_loss	250

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	754
time_elapsed	3187
total_timesteps	386048
train/	
approx_kl	0.0010289596
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.24

explained_variance	0.92
learning_rate	1e-06
loss	39.4
n_updates	7530
policy_gradient_loss	0.000848
value_loss	236

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	755
time_elapsed	3192
total_timesteps	386560
train/	
approx_kl	0.00014886563
clip_fraction	0
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.802
learning_rate	1e-06
loss	81.1
n_updates	7540
policy_gradient_loss	-0.000204
value_loss	154

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	756
time_elapsed	3196
total_timesteps	387072
train/	
approx_kl	0.005019926
clip_fraction	0
clip_range	0.2
entropy_loss	-1.32
explained_variance	0.852
learning_rate	1e-06
loss	49.3
n_updates	7550
policy_gradient_loss	-0.00284
value_loss	214

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	757
time_elapsed	3200
total_timesteps	387584
train/	
approx_kl	0.00341463
clip_fraction	0
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.908
learning_rate	1e-06
loss	72.4
n_updates	7560
policy_gradient_loss	-0.00197
value_loss	194

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	758
time_elapsed	3204
total_timesteps	388096
train/	
approx_kl	0.0004951069
clip_fraction	0
clip_range	0.2

entropy_loss	-1.27
explained_variance	0.865
learning_rate	1e-06
loss	54.9
n_updates	7570
policy_gradient_loss	0.000791
value_loss	128

rollout/	
ep_len_mean	1.38e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	759
time_elapsed	3208
total_timesteps	388608
train/	
approx_kl	0.00124691
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.865
learning_rate	1e-06
loss	37.2
n_updates	7580
policy_gradient_loss	-0.00177
value_loss	118

rollout/	
ep_len_mean	1.38e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	760
time_elapsed	3213
total_timesteps	389120
train/	
approx_kl	0.007391642
clip_fraction	0.0197
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.73
learning_rate	1e-06
loss	527
n_updates	7590
policy_gradient_loss	0.00111
value_loss	685

rollout/	
ep_len_mean	1.38e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	761
time_elapsed	3217
total_timesteps	389632
train/	
approx_kl	0.0036347895
clip_fraction	0
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.136
learning_rate	1e-06
loss	3.33
n_updates	7600
policy_gradient_loss	-0.00243
value_loss	25.4

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	762
time_elapsed	3222
total_timesteps	390144
train/	
approx_kl	0.003049279
clip_fraction	0

clip_range	0.2
entropy_loss	-1.06
explained_variance	-1.61
learning_rate	1e-06
loss	13
n_updates	7610
policy_gradient_loss	-0.00365
value_loss	29

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	763
time_elapsed	3226
total_timesteps	390656
train/	
approx_kl	0.0019700187
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.885
learning_rate	1e-06
loss	124
n_updates	7620
policy_gradient_loss	0.000926
value_loss	211

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	764
time_elapsed	3230
total_timesteps	391168
train/	
approx_kl	0.026889306
clip_fraction	0.234
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.957
learning_rate	1e-06
loss	10.3
n_updates	7630
policy_gradient_loss	0.00615
value_loss	64.8

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	765
time_elapsed	3235
total_timesteps	391680
train/	
approx_kl	0.001206666
clip_fraction	0
clip_range	0.2
entropy_loss	-1.21
explained_variance	-1.25
learning_rate	1e-06
loss	2.1
n_updates	7640
policy_gradient_loss	-0.000468
value_loss	17.7

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	766
time_elapsed	3239
total_timesteps	392192
train/	
approx_kl	0.012851706

clip_fraction	0.0412
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.948
learning_rate	1e-06
loss	32.7
n_updates	7650
policy_gradient_loss	-0.00511
value_loss	152

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	767
time_elapsed	3243
total_timesteps	392704
train/	
approx_kl	0.0033274665
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.853
learning_rate	1e-06
loss	122
n_updates	7660
policy_gradient_loss	-0.000438
value_loss	247

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	768
time_elapsed	3248
total_timesteps	393216
train/	
approx_kl	0.003848706
clip_fraction	0
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.978
learning_rate	1e-06
loss	25.7
n_updates	7670
policy_gradient_loss	-0.00433
value_loss	72.7

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	769
time_elapsed	3252
total_timesteps	393728
train/	
approx_kl	0.011558202
clip_fraction	0.0471
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.73
learning_rate	1e-06
loss	251
n_updates	7680
policy_gradient_loss	0.00314
value_loss	816

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	770
time_elapsed	3256
total_timesteps	394240
train/	

approx_kl	0.00066387304
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.917
learning_rate	1e-06
loss	44.3
n_updates	7690
policy_gradient_loss	0.000566
value_loss	221

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	771
time_elapsed	3260
total_timesteps	394752
train/	
approx_kl	0.0008495792
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.966
learning_rate	1e-06
loss	28.5
n_updates	7700
policy_gradient_loss	-0.00207
value_loss	106

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	772
time_elapsed	3265
total_timesteps	395264
train/	
approx_kl	0.00042401464
clip_fraction	0
clip_range	0.2
entropy_loss	-0.836
explained_variance	-1.65
learning_rate	1e-06
loss	23.2
n_updates	7710
policy_gradient_loss	-0.00131
value_loss	65.8

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	773
time_elapsed	3269
total_timesteps	395776
train/	
approx_kl	0.0066706985
clip_fraction	0.0281
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.821
learning_rate	1e-06
loss	352
n_updates	7720
policy_gradient_loss	-0.00319
value_loss	709

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	774
time_elapsed	3273
total_timesteps	396288

train/	
approx_kl	0.0034855688
clip_fraction	0
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.977
learning_rate	1e-06
loss	17
n_updates	7730
policy_gradient_loss	-0.00167
value_loss	52.7

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	775
time_elapsed	3277
total_timesteps	396800
train/	
approx_kl	0.0011316184
clip_fraction	0
clip_range	0.2
entropy_loss	-0.999
explained_variance	0.768
learning_rate	1e-06
loss	17.4
n_updates	7740
policy_gradient_loss	-0.00116
value_loss	71.2

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	776
time_elapsed	3281
total_timesteps	397312
train/	
approx_kl	0.0005037687
clip_fraction	0
clip_range	0.2
entropy_loss	-0.955
explained_variance	-0.218
learning_rate	1e-06
loss	3.69
n_updates	7750
policy_gradient_loss	-0.00032
value_loss	11.8

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	777
time_elapsed	3286
total_timesteps	397824
train/	
approx_kl	0.0061881915
clip_fraction	0.0367
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.84
learning_rate	1e-06
loss	78.1
n_updates	7760
policy_gradient_loss	-0.00276
value_loss	152

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	778
time_elapsed	3290

total_timesteps	398336
train/	
approx_kl	0.0030297516
clip_fraction	0.015
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.913
learning_rate	1e-06
loss	132
n_updates	7770
policy_gradient_loss	-0.00262
value_loss	197

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	779
time_elapsed	3294
total_timesteps	398848
train/	
approx_kl	0.0017426825
clip_fraction	0
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.952
learning_rate	1e-06
loss	53.2
n_updates	7780
policy_gradient_loss	-0.00114
value_loss	136

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	780
time_elapsed	3298
total_timesteps	399360
train/	
approx_kl	0.00076782587
clip_fraction	0
clip_range	0.2
entropy_loss	-0.827
explained_variance	0.929
learning_rate	1e-06
loss	65.1
n_updates	7790
policy_gradient_loss	0.00033
value_loss	200

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	781
time_elapsed	3303
total_timesteps	399872
train/	
approx_kl	0.0015302531
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.961
learning_rate	1e-06
loss	54.5
n_updates	7800
policy_gradient_loss	0.00125
value_loss	117

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	782

time_elapsed	3308
total_timesteps	400384
train/	
approx_kl	0.0005769945
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.935
learning_rate	1e-06
loss	94
n_updates	7810
policy_gradient_loss	-0.000436
value_loss	265

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	783
time_elapsed	3312
total_timesteps	400896
train/	
approx_kl	0.002718035
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.97
learning_rate	1e-06
loss	63.7
n_updates	7820
policy_gradient_loss	-0.00128
value_loss	150

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	784
time_elapsed	3316
total_timesteps	401408
train/	
approx_kl	0.0002441291
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.888
learning_rate	1e-06
loss	57
n_updates	7830
policy_gradient_loss	-9.61e-05
value_loss	274

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	785
time_elapsed	3320
total_timesteps	401920
train/	
approx_kl	0.0076090884
clip_fraction	0.0299
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.897
learning_rate	1e-06
loss	181
n_updates	7840
policy_gradient_loss	0.00542
value_loss	291

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.98e+03
time/	
fps	121

iterations	786
time_elapsed	3324
total_timesteps	402432
train/	
approx_kl	0.0023324257
clip_fraction	0.0164
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.951
learning_rate	1e-06
loss	52
n_updates	7850
policy_gradient_loss	-0.000489
value_loss	149

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	787
time_elapsed	3328
total_timesteps	402944
train/	
approx_kl	0.0030244938
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.96
learning_rate	1e-06
loss	31.4
n_updates	7860
policy_gradient_loss	-0.000932
value_loss	100

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	788
time_elapsed	3332
total_timesteps	403456
train/	
approx_kl	0.011750124
clip_fraction	0.0566
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.792
learning_rate	1e-06
loss	99.5
n_updates	7870
policy_gradient_loss	0.00494
value_loss	745

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	789
time_elapsed	3337
total_timesteps	403968
train/	
approx_kl	0.002405618
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.891
learning_rate	1e-06
loss	84.9
n_updates	7880
policy_gradient_loss	0.0042
value_loss	200

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	

fps	121
iterations	790
time_elapsed	3341
total_timesteps	404480
train/	
approx_kl	0.003979678
clip_fraction	0.0234
clip_range	0.2
entropy_loss	-1.28
explained_variance	0.617
learning_rate	1e-06
loss	357
n_updates	7890
policy_gradient_loss	0.000925
value_loss	906

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	791
time_elapsed	3345
total_timesteps	404992
train/	
approx_kl	0.0073884362
clip_fraction	0.0389
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.939
learning_rate	1e-06
loss	31
n_updates	7900
policy_gradient_loss	-0.00344
value_loss	172

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	792
time_elapsed	3349
total_timesteps	405504
train/	
approx_kl	0.0015964342
clip_fraction	0
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.945
learning_rate	1e-06
loss	56
n_updates	7910
policy_gradient_loss	-0.000137
value_loss	145

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.99e+03
time/	
fps	121
iterations	793
time_elapsed	3353
total_timesteps	406016
train/	
approx_kl	0.006024871
clip_fraction	0.0426
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.816
learning_rate	1e-06
loss	62.7
n_updates	7920
policy_gradient_loss	0.00843
value_loss	157

rollout/	
ep_len_mean	1.45e+03
ep_rew_mean	2.01e+03

time/	
fps	121
iterations	794
time_elapsed	3358
total_timesteps	406528
train/	
approx_kl	0.00241126
clip_fraction	0
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.593
learning_rate	1e-06
loss	319
n_updates	7930
policy_gradient_loss	-0.00117
value_loss	568

rollout/	
ep_len_mean	1.45e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	795
time_elapsed	3362
total_timesteps	407040
train/	
approx_kl	0.0007996877
clip_fraction	0
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.623
learning_rate	1e-06
loss	187
n_updates	7940
policy_gradient_loss	0.00227
value_loss	693

rollout/	
ep_len_mean	1.45e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	796
time_elapsed	3366
total_timesteps	407552
train/	
approx_kl	0.009849893
clip_fraction	0.0225
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.348
learning_rate	1e-06
loss	42.5
n_updates	7950
policy_gradient_loss	0.00136
value_loss	114

rollout/	
ep_len_mean	1.45e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	797
time_elapsed	3370
total_timesteps	408064
train/	
approx_kl	0.0053293593
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.841
explained_variance	0.532
learning_rate	1e-06
loss	69.6
n_updates	7960
policy_gradient_loss	-0.00443
value_loss	176

rollout/	
ep_len_mean	1.44e+03

ep_rew_mean	1.99e+03
time/	
fps	121
iterations	798
time_elapsed	3374
total_timesteps	408576
train/	
approx_kl	0.0053218924
clip_fraction	0.0309
clip_range	0.2
entropy_loss	-0.971
explained_variance	0.843
learning_rate	1e-06
loss	77.4
n_updates	7970
policy_gradient_loss	0.00096
value_loss	208

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	799
time_elapsed	3379
total_timesteps	409088
train/	
approx_kl	0.0014078442
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.847
learning_rate	1e-06
loss	105
n_updates	7980
policy_gradient_loss	-7.13e-06
value_loss	306

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	800
time_elapsed	3383
total_timesteps	409600
train/	
approx_kl	0.000978198
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.962
explained_variance	0.642
learning_rate	1e-06
loss	366
n_updates	7990
policy_gradient_loss	0.00173
value_loss	892

rollout/	
ep_len_mean	1.43e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	801
time_elapsed	3388
total_timesteps	410112
train/	
approx_kl	0.002818976
clip_fraction	0
clip_range	0.2
entropy_loss	-0.968
explained_variance	0.932
learning_rate	1e-06
loss	40
n_updates	8000
policy_gradient_loss	-0.00299
value_loss	118

rollout/	
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ep_len_mean	1.43e+03
ep_rew_mean	1.97e+03
time/	
fps	121
iterations	802
time_elapsed	3392
total_timesteps	410624
train/	
approx_kl	0.0012314889
clip_fraction	0
clip_range	0.2
entropy_loss	-0.85
explained_variance	0.895
learning_rate	1e-06
loss	80.2
n_updates	8010
policy_gradient_loss	4.46e-05
value_loss	126

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	803
time_elapsed	3396
total_timesteps	411136
train/	
approx_kl	0.0028143874
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.84
explained_variance	0.857
learning_rate	1e-06
loss	91.5
n_updates	8020
policy_gradient_loss	-0.00254
value_loss	187

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	804
time_elapsed	3400
total_timesteps	411648
train/	
approx_kl	0.0016973985
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.86
explained_variance	0.859
learning_rate	1e-06
loss	144
n_updates	8030
policy_gradient_loss	0.000274
value_loss	307

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	805
time_elapsed	3405
total_timesteps	412160
train/	
approx_kl	0.0026162206
clip_fraction	0.0127
clip_range	0.2
entropy_loss	-0.83
explained_variance	0.842
learning_rate	1e-06
loss	54.8
n_updates	8040
policy_gradient_loss	0.00024
value_loss	146

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	1.98e+03
time/	
fps	121
iterations	806
time_elapsed	3409
total_timesteps	412672
train/	
approx_kl	0.0020804615
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.867
explained_variance	0.949
learning_rate	1e-06
loss	44.6
n_updates	8050
policy_gradient_loss	-0.00271
value_loss	90.2

rollout/	
ep_len_mean	1.46e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	807
time_elapsed	3413
total_timesteps	413184
train/	
approx_kl	0.0019430695
clip_fraction	0.0191
clip_range	0.2
entropy_loss	-0.865
explained_variance	0.81
learning_rate	1e-06
loss	105
n_updates	8060
policy_gradient_loss	0.00112
value_loss	262

rollout/	
ep_len_mean	1.46e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	808
time_elapsed	3417
total_timesteps	413696
train/	
approx_kl	0.0027788293
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.907
explained_variance	0.931
learning_rate	1e-06
loss	37.8
n_updates	8070
policy_gradient_loss	0.000675
value_loss	176

rollout/	
ep_len_mean	1.46e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	809
time_elapsed	3421
total_timesteps	414208
train/	
approx_kl	0.0013255384
clip_fraction	0
clip_range	0.2
entropy_loss	-0.629
explained_variance	0.813
learning_rate	1e-06
loss	31.1
n_updates	8080
policy_gradient_loss	0.000737
value_loss	71

rollout/		
ep_len_mean		1.46e+03
ep_rew_mean		1.99e+03
time/		
fps		121
iterations		810
time_elapsed		3426
total_timesteps		414720
train/		
approx_kl		0.0002537456
clip_fraction		0
clip_range		0.2
entropy_loss		-0.634
explained_variance		0.886
learning_rate		1e-06
loss		132
n_updates		8090
policy_gradient_loss		-0.000824
value_loss		289

rollout/		
ep_len_mean		1.46e+03
ep_rew_mean		1.99e+03
time/		
fps		121
iterations		811
time_elapsed		3430
total_timesteps		415232
train/		
approx_kl		0.0019830442
clip_fraction		0
clip_range		0.2
entropy_loss		-1.07
explained_variance		0.621
learning_rate		1e-06
loss		98.8
n_updates		8100
policy_gradient_loss		0.000423
value_loss		762

rollout/		
ep_len_mean		1.46e+03
ep_rew_mean		1.99e+03
time/		
fps		121
iterations		812
time_elapsed		3434
total_timesteps		415744
train/		
approx_kl		0.0011861005
clip_fraction		0.015
clip_range		0.2
entropy_loss		-0.901
explained_variance		0.827
learning_rate		1e-06
loss		81.5
n_updates		8110
policy_gradient_loss		0.0018
value_loss		271

rollout/		
ep_len_mean		1.46e+03
ep_rew_mean		1.99e+03
time/		
fps		121
iterations		813
time_elapsed		3438
total_timesteps		416256
train/		
approx_kl		0.005179275
clip_fraction		0.0371
clip_range		0.2
entropy_loss		-0.951
explained_variance		0.726
learning_rate		1e-06
loss		98.1
n_updates		8120
policy_gradient_loss		-0.000514
value_loss		288

rollout/		
ep_len_mean	1.47e+03	
ep_rew_mean	2.01e+03	
time/		
fps	121	
iterations	814	
time_elapsed	3442	
total_timesteps	416768	
train/		
approx_kl	0.0012652013	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.948	
explained_variance	0.724	
learning_rate	1e-06	
loss	107	
n_updates	8130	
policy_gradient_loss	-0.00174	
value_loss	280	

rollout/		
ep_len_mean	1.47e+03	
ep_rew_mean	2.01e+03	
time/		
fps	121	
iterations	815	
time_elapsed	3447	
total_timesteps	417280	
train/		
approx_kl	0.001265224	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.914	
explained_variance	0.848	
learning_rate	1e-06	
loss	93	
n_updates	8140	
policy_gradient_loss	-5.08e-05	
value_loss	417	

rollout/		
ep_len_mean	1.47e+03	
ep_rew_mean	2.01e+03	
time/		
fps	121	
iterations	816	
time_elapsed	3451	
total_timesteps	417792	
train/		
approx_kl	0.0047150548	
clip_fraction	0.0133	
clip_range	0.2	
entropy_loss	-0.784	
explained_variance	0.737	
learning_rate	1e-06	
loss	66.3	
n_updates	8150	
policy_gradient_loss	-8.26e-05	
value_loss	159	

rollout/		
ep_len_mean	1.48e+03	
ep_rew_mean	2e+03	
time/		
fps	121	
iterations	817	
time_elapsed	3455	
total_timesteps	418304	
train/		
approx_kl	0.0018292393	
clip_fraction	0.00352	
clip_range	0.2	
entropy_loss	-0.758	
explained_variance	0.748	
learning_rate	1e-06	
loss	115	
n_updates	8160	
policy_gradient_loss	0.00159	

value_loss	336
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rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	818
time_elapsed	3459
total_timesteps	418816
train/	
approx_kl	0.0023634308
clip_fraction	0.00801
clip_range	0.2
entropy_loss	-0.907
explained_variance	0.828
learning_rate	1e-06
loss	292
n_updates	8170
policy_gradient_loss	-0.00138
value_loss	454

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	819
time_elapsed	3463
total_timesteps	419328
train/	
approx_kl	0.0009232658
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.749
explained_variance	0.905
learning_rate	1e-06
loss	48
n_updates	8180
policy_gradient_loss	-0.000866
value_loss	120

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	820
time_elapsed	3468
total_timesteps	419840
train/	
approx_kl	0.0009922427
clip_fraction	0
clip_range	0.2
entropy_loss	-0.637
explained_variance	0.89
learning_rate	1e-06
loss	89
n_updates	8190
policy_gradient_loss	-0.00131
value_loss	359

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	821
time_elapsed	3473
total_timesteps	420352
train/	
approx_kl	0.005250614
clip_fraction	0.0127
clip_range	0.2
entropy_loss	-0.784
explained_variance	0.876
learning_rate	1e-06
loss	28.2
n_updates	8200

policy_gradient_loss	-0.00089
value_loss	123

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	822
time_elapsed	3477
total_timesteps	420864
train/	
approx_kl	0.00031840673
clip_fraction	0
clip_range	0.2
entropy_loss	-0.664
explained_variance	0.855
learning_rate	1e-06
loss	141
n_updates	8210
policy_gradient_loss	-0.00117
value_loss	240

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	823
time_elapsed	3481
total_timesteps	421376
train/	
approx_kl	0.0018387336
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.768
explained_variance	0.928
learning_rate	1e-06
loss	104
n_updates	8220
policy_gradient_loss	9.48e-07
value_loss	205

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	824
time_elapsed	3485
total_timesteps	421888
train/	
approx_kl	0.003291144
clip_fraction	0.0291
clip_range	0.2
entropy_loss	-0.716
explained_variance	0.731
learning_rate	1e-06
loss	128
n_updates	8230
policy_gradient_loss	0.00217
value_loss	439

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	825
time_elapsed	3489
total_timesteps	422400
train/	
approx_kl	0.002545789
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-0.81
explained_variance	0.829
learning_rate	1e-06
loss	177

n_updates	8240
policy_gradient_loss	-0.000763
value_loss	452

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	826
time_elapsed	3493
total_timesteps	422912
train/	
approx_kl	0.0034168828
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.674
explained_variance	-0.211
learning_rate	1e-06
loss	157
n_updates	8250
policy_gradient_loss	-0.00238
value_loss	422

rollout/	
ep_len_mean	1.48e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	827
time_elapsed	3498
total_timesteps	423424
train/	
approx_kl	0.00022924424
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.998
explained_variance	0.616
learning_rate	1e-06
loss	26.6
n_updates	8260
policy_gradient_loss	-0.00125
value_loss	174

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	828
time_elapsed	3502
total_timesteps	423936
train/	
approx_kl	0.0028663962
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.971
explained_variance	0.806
learning_rate	1e-06
loss	60.2
n_updates	8270
policy_gradient_loss	-0.000833
value_loss	119

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	829
time_elapsed	3506
total_timesteps	424448
train/	
approx_kl	0.00075025216
clip_fraction	0
clip_range	0.2
entropy_loss	-0.729
explained_variance	0.691
learning_rate	1e-06

loss	235
n_updates	8280
policy_gradient_loss	-0.00135
value_loss	643

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	830
time_elapsed	3510
total_timesteps	424960
train/	
approx_kl	0.004692618
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.745
learning_rate	1e-06
loss	69.4
n_updates	8290
policy_gradient_loss	0.000173
value_loss	200

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	831
time_elapsed	3514
total_timesteps	425472
train/	
approx_kl	0.00048789498
clip_fraction	0
clip_range	0.2
entropy_loss	-0.732
explained_variance	0.268
learning_rate	1e-06
loss	127
n_updates	8300
policy_gradient_loss	0.00197
value_loss	484

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	832
time_elapsed	3518
total_timesteps	425984
train/	
approx_kl	0.0043067886
clip_fraction	0.0262
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.933
learning_rate	1e-06
loss	15.2
n_updates	8310
policy_gradient_loss	-0.000912
value_loss	81.8

rollout/	
ep_len_mean	1.49e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	833
time_elapsed	3523
total_timesteps	426496
train/	
approx_kl	0.0061724475
clip_fraction	0.0529
clip_range	0.2
entropy_loss	-1.22
explained_variance	-5.68

learning_rate	1e-06
loss	5.5
n_updates	8320
policy_gradient_loss	-0.00242
value_loss	23.8

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	834
time_elapsed	3527
total_timesteps	427008
train/	
approx_kl	0.0037974776
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.795
learning_rate	1e-06
loss	92
n_updates	8330
policy_gradient_loss	-0.00372
value_loss	269

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	835
time_elapsed	3531
total_timesteps	427520
train/	
approx_kl	0.0019622387
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.742
explained_variance	0.708
learning_rate	1e-06
loss	242
n_updates	8340
policy_gradient_loss	-0.00231
value_loss	481

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	836
time_elapsed	3535
total_timesteps	428032
train/	
approx_kl	0.0010834633
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-0.669
explained_variance	0.869
learning_rate	1e-06
loss	33.3
n_updates	8350
policy_gradient_loss	-0.000721
value_loss	86

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	837
time_elapsed	3539
total_timesteps	428544
train/	
approx_kl	0.00073034933
clip_fraction	0
clip_range	0.2
entropy_loss	-0.781

explained_variance	0.874
learning_rate	1e-06
loss	50.8
n_updates	8360
policy_gradient_loss	-0.000146
value_loss	148

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	838
time_elapsed	3543
total_timesteps	429056
train/	
approx_kl	0.0008829279
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.74
explained_variance	0.802
learning_rate	1e-06
loss	114
n_updates	8370
policy_gradient_loss	-0.00337
value_loss	350

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	839
time_elapsed	3548
total_timesteps	429568
train/	
approx_kl	0.0033302738
clip_fraction	0.0168
clip_range	0.2
entropy_loss	-0.73
explained_variance	0.935
learning_rate	1e-06
loss	58.6
n_updates	8380
policy_gradient_loss	-0.00161
value_loss	108

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	840
time_elapsed	3553
total_timesteps	430080
train/	
approx_kl	0.002981563
clip_fraction	0.0193
clip_range	0.2
entropy_loss	-0.793
explained_variance	0.635
learning_rate	1e-06
loss	92.1
n_updates	8390
policy_gradient_loss	0.00276
value_loss	209

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	841
time_elapsed	3557
total_timesteps	430592
train/	
approx_kl	0.00070592354
clip_fraction	0
clip_range	0.2

entropy_loss	-0.773
explained_variance	0.404
learning_rate	1e-06
loss	198
n_updates	8400
policy_gradient_loss	-0.00312
value_loss	788

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	842
time_elapsed	3561
total_timesteps	431104
train/	
approx_kl	0.001069485
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.708
explained_variance	0.872
learning_rate	1e-06
loss	26.7
n_updates	8410
policy_gradient_loss	7.79e-05
value_loss	70.1

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	843
time_elapsed	3565
total_timesteps	431616
train/	
approx_kl	0.0014366724
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.671
explained_variance	0.68
learning_rate	1e-06
loss	43.7
n_updates	8420
policy_gradient_loss	0.00102
value_loss	542

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	844
time_elapsed	3570
total_timesteps	432128
train/	
approx_kl	0.006865144
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.814
explained_variance	0.87
learning_rate	1e-06
loss	37.7
n_updates	8430
policy_gradient_loss	0.000327
value_loss	91.9

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	845
time_elapsed	3574
total_timesteps	432640
train/	
approx_kl	0.0019011095
clip_fraction	0.00645

clip_range	0.2
entropy_loss	-0.804
explained_variance	0.305
learning_rate	1e-06
loss	250
n_updates	8440
policy_gradient_loss	-0.00199
value_loss	721

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	846
time_elapsed	3578
total_timesteps	433152
train/	
approx_kl	0.0056587346
clip_fraction	0.0187
clip_range	0.2
entropy_loss	-0.871
explained_variance	0.797
learning_rate	1e-06
loss	53.9
n_updates	8450
policy_gradient_loss	-0.00592
value_loss	133

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	847
time_elapsed	3582
total_timesteps	433664
train/	
approx_kl	0.00877547
clip_fraction	0.0309
clip_range	0.2
entropy_loss	-0.832
explained_variance	0.91
learning_rate	1e-06
loss	22.2
n_updates	8460
policy_gradient_loss	-0.00129
value_loss	79.3

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	848
time_elapsed	3586
total_timesteps	434176
train/	
approx_kl	0.001084125
clip_fraction	0
clip_range	0.2
entropy_loss	-0.753
explained_variance	0.774
learning_rate	1e-06
loss	150
n_updates	8470
policy_gradient_loss	-0.00179
value_loss	362

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	849
time_elapsed	3591
total_timesteps	434688
train/	
approx_kl	0.0011181749

clip_fraction	0
clip_range	0.2
entropy_loss	-0.692
explained_variance	0.808
learning_rate	1e-06
loss	40.7
n_updates	8480
policy_gradient_loss	-0.00101
value_loss	89.6

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	850
time_elapsed	3595
total_timesteps	435200
train/	
approx_kl	0.0038750581
clip_fraction	0.0205
clip_range	0.2
entropy_loss	-0.624
explained_variance	0.877
learning_rate	1e-06
loss	52.7
n_updates	8490
policy_gradient_loss	-0.00479
value_loss	177

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	851
time_elapsed	3599
total_timesteps	435712
train/	
approx_kl	0.00090156554
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.602
explained_variance	0.819
learning_rate	1e-06
loss	26.8
n_updates	8500
policy_gradient_loss	0.00185
value_loss	240

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	852
time_elapsed	3603
total_timesteps	436224
train/	
approx_kl	0.004941793
clip_fraction	0.0168
clip_range	0.2
entropy_loss	-0.612
explained_variance	0.919
learning_rate	1e-06
loss	30.4
n_updates	8510
policy_gradient_loss	-0.00226
value_loss	88.1

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	853
time_elapsed	3607
total_timesteps	436736
train/	

approx_kl	0.0009731443
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.534
explained_variance	0.877
learning_rate	1e-06
loss	94.8
n_updates	8520
policy_gradient_loss	-0.002
value_loss	163

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	854
time_elapsed	3612
total_timesteps	437248
train/	
approx_kl	0.0011014047
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-0.602
explained_variance	0.709
learning_rate	1e-06
loss	101
n_updates	8530
policy_gradient_loss	-0.00041
value_loss	585

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	855
time_elapsed	3616
total_timesteps	437760
train/	
approx_kl	0.0017494708
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.626
explained_variance	0.653
learning_rate	1e-06
loss	123
n_updates	8540
policy_gradient_loss	0.00123
value_loss	248

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	856
time_elapsed	3620
total_timesteps	438272
train/	
approx_kl	0.0030495427
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-0.842
explained_variance	0.843
learning_rate	1e-06
loss	177
n_updates	8550
policy_gradient_loss	-0.00461
value_loss	390

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	857
time_elapsed	3624
total_timesteps	438784

train/	
approx_kl	0.0012006845
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.633
explained_variance	0.866
learning_rate	1e-06
loss	61
n_updates	8560
policy_gradient_loss	-0.0012
value_loss	150

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	858
time_elapsed	3628
total_timesteps	439296
train/	
approx_kl	0.0009969636
clip_fraction	0
clip_range	0.2
entropy_loss	-0.957
explained_variance	0.84
learning_rate	1e-06
loss	231
n_updates	8570
policy_gradient_loss	-0.00125
value_loss	388

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	859
time_elapsed	3633
total_timesteps	439808
train/	
approx_kl	0.0005684281
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.775
explained_variance	0.664
learning_rate	1e-06
loss	53.6
n_updates	8580
policy_gradient_loss	0.00111
value_loss	174

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	860
time_elapsed	3638
total_timesteps	440320
train/	
approx_kl	0.0029349043
clip_fraction	0.0148
clip_range	0.2
entropy_loss	-0.624
explained_variance	0.841
learning_rate	1e-06
loss	62.7
n_updates	8590
policy_gradient_loss	0.000828
value_loss	160

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	861
time_elapsed	3642

total_timesteps	440832
train/	
approx_kl	0.0007260926
clip_fraction	0
clip_range	0.2
entropy_loss	-0.847
explained_variance	0.522
learning_rate	1e-06
loss	604
n_updates	8600
policy_gradient_loss	-0.00246
value_loss	791

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	862
time_elapsed	3646
total_timesteps	441344
train/	
approx_kl	0.0028244024
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.842
explained_variance	0.847
learning_rate	1e-06
loss	35.4
n_updates	8610
policy_gradient_loss	-0.00123
value_loss	110

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	863
time_elapsed	3650
total_timesteps	441856
train/	
approx_kl	0.006179764
clip_fraction	0.0307
clip_range	0.2
entropy_loss	-0.982
explained_variance	0.865
learning_rate	1e-06
loss	163
n_updates	8620
policy_gradient_loss	-0.00673
value_loss	286

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	864
time_elapsed	3654
total_timesteps	442368
train/	
approx_kl	0.0047825174
clip_fraction	0.0314
clip_range	0.2
entropy_loss	-0.848
explained_variance	0.928
learning_rate	1e-06
loss	33.8
n_updates	8630
policy_gradient_loss	-0.00347
value_loss	94.5

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	865

time_elapsed	3658
total_timesteps	442880
train/	
approx_kl	0.0025293496
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.926
explained_variance	0.808
learning_rate	1e-06
loss	225
n_updates	8640
policy_gradient_loss	-0.00177
value_loss	432

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	866
time_elapsed	3662
total_timesteps	443392
train/	
approx_kl	0.0024931547
clip_fraction	0.0238
clip_range	0.2
entropy_loss	-0.852
explained_variance	0.681
learning_rate	1e-06
loss	117
n_updates	8650
policy_gradient_loss	-0.00389
value_loss	307

rollout/	
ep_len_mean	1.51e+03
ep_rew_mean	2e+03
time/	
fps	121
iterations	867
time_elapsed	3667
total_timesteps	443904
train/	
approx_kl	0.0019147762
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.895
explained_variance	0.685
learning_rate	1e-06
loss	134
n_updates	8660
policy_gradient_loss	-0.00135
value_loss	238

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	868
time_elapsed	3671
total_timesteps	444416
train/	
approx_kl	0.0027880862
clip_fraction	0.0164
clip_range	0.2
entropy_loss	-0.936
explained_variance	0.878
learning_rate	1e-06
loss	36.8
n_updates	8670
policy_gradient_loss	0.00105
value_loss	95.7

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.01e+03
time/	
fps	121

iterations	869
time_elapsed	3675
total_timesteps	444928
train/	
approx_kl	0.007921228
clip_fraction	0.0389
clip_range	0.2
entropy_loss	-0.982
explained_variance	0.579
learning_rate	1e-06
loss	215
n_updates	8680
policy_gradient_loss	-0.00716
value_loss	691

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.01e+03
time/	
fps	121
iterations	870
time_elapsed	3679
total_timesteps	445440
train/	
approx_kl	0.0014228057
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.688
learning_rate	1e-06
loss	82.4
n_updates	8690
policy_gradient_loss	-0.000843
value_loss	213

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	871
time_elapsed	3683
total_timesteps	445952
train/	
approx_kl	0.01037769
clip_fraction	0.05
clip_range	0.2
entropy_loss	-0.927
explained_variance	0.671
learning_rate	1e-06
loss	28
n_updates	8700
policy_gradient_loss	0.00379
value_loss	154

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	872
time_elapsed	3687
total_timesteps	446464
train/	
approx_kl	0.0013810283
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.754
learning_rate	1e-06
loss	122
n_updates	8710
policy_gradient_loss	-0.000446
value_loss	356

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	

fps	121
iterations	873
time_elapsed	3692
total_timesteps	446976
train/	
approx_kl	0.008395778
clip_fraction	0.0443
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.891
learning_rate	1e-06
loss	47.2
n_updates	8720
policy_gradient_loss	-0.00273
value_loss	90.2

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	874
time_elapsed	3696
total_timesteps	447488
train/	
approx_kl	0.0050120205
clip_fraction	0.0229
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.665
learning_rate	1e-06
loss	284
n_updates	8730
policy_gradient_loss	-0.00445
value_loss	735

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	875
time_elapsed	3700
total_timesteps	448000
train/	
approx_kl	0.0018542497
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.846
learning_rate	1e-06
loss	39.8
n_updates	8740
policy_gradient_loss	-0.00169
value_loss	145

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	876
time_elapsed	3704
total_timesteps	448512
train/	
approx_kl	0.0031113918
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.583
learning_rate	1e-06
loss	255
n_updates	8750
policy_gradient_loss	0.00201
value_loss	543

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.02e+03

time/	
fps	121
iterations	877
time_elapsed	3708
total_timesteps	449024
train/	
approx_kl	0.0048550954
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.734
learning_rate	1e-06
loss	47.4
n_updates	8760
policy_gradient_loss	-0.00331
value_loss	160

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	878
time_elapsed	3712
total_timesteps	449536
train/	
approx_kl	0.0047812345
clip_fraction	0.0156
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.912
learning_rate	1e-06
loss	122
n_updates	8770
policy_gradient_loss	-0.00533
value_loss	182

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	879
time_elapsed	3718
total_timesteps	450048
train/	
approx_kl	0.0036949771
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.908
learning_rate	1e-06
loss	32.9
n_updates	8780
policy_gradient_loss	-0.00599
value_loss	88.5

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	880
time_elapsed	3722
total_timesteps	450560
train/	
approx_kl	0.0023398183
clip_fraction	0.0174
clip_range	0.2
entropy_loss	-0.997
explained_variance	0.743
learning_rate	1e-06
loss	106
n_updates	8790
policy_gradient_loss	-0.00071
value_loss	326

rollout/	
ep_len_mean	1.53e+03

ep_rew_mean	2.03e+03
time/	
fps	121
iterations	881
time_elapsed	3726
total_timesteps	451072
train/	
approx_kl	0.0020749639
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-0.99
explained_variance	0.939
learning_rate	1e-06
loss	39.7
n_updates	8800
policy_gradient_loss	-0.000483
value_loss	104

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	882
time_elapsed	3730
total_timesteps	451584
train/	
approx_kl	0.0023193015
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.645
learning_rate	1e-06
loss	247
n_updates	8810
policy_gradient_loss	-0.00246
value_loss	800

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	883
time_elapsed	3734
total_timesteps	452096
train/	
approx_kl	0.00070983055
clip_fraction	0
clip_range	0.2
entropy_loss	-0.926
explained_variance	0.719
learning_rate	1e-06
loss	133
n_updates	8820
policy_gradient_loss	-0.000556
value_loss	282

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.02e+03
time/	
fps	121
iterations	884
time_elapsed	3738
total_timesteps	452608
train/	
approx_kl	0.0034679468
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.877
learning_rate	1e-06
loss	71.3
n_updates	8830
policy_gradient_loss	-0.000699
value_loss	266

rollout/	
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ep_len_mean	1.54e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	885
time_elapsed	3743
total_timesteps	453120
train/	
approx_kl	0.009808967
clip_fraction	0.0342
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.636
learning_rate	1e-06
loss	60.3
n_updates	8840
policy_gradient_loss	-0.0147
value_loss	225

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	886
time_elapsed	3747
total_timesteps	453632
train/	
approx_kl	0.0037104106
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.801
learning_rate	1e-06
loss	243
n_updates	8850
policy_gradient_loss	-0.00406
value_loss	540

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	887
time_elapsed	3751
total_timesteps	454144
train/	
approx_kl	0.0036518984
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.676
learning_rate	1e-06
loss	122
n_updates	8860
policy_gradient_loss	-0.00307
value_loss	333

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	888
time_elapsed	3755
total_timesteps	454656
train/	
approx_kl	0.002067858
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.574
learning_rate	1e-06
loss	341
n_updates	8870
policy_gradient_loss	-0.00182
value_loss	820

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	889
time_elapsed	3759
total_timesteps	455168
train/	
approx_kl	0.0032853598
clip_fraction	0.0211
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.621
learning_rate	1e-06
loss	78.7
n_updates	8880
policy_gradient_loss	0.00158
value_loss	171

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	890
time_elapsed	3764
total_timesteps	455680
train/	
approx_kl	0.0011580323
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.918
learning_rate	1e-06
loss	31.6
n_updates	8890
policy_gradient_loss	-3.47e-05
value_loss	111

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	891
time_elapsed	3768
total_timesteps	456192
train/	
approx_kl	0.0013179611
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.634
learning_rate	1e-06
loss	148
n_updates	8900
policy_gradient_loss	0.000371
value_loss	582

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	892
time_elapsed	3772
total_timesteps	456704
train/	
approx_kl	0.002084483
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.753
learning_rate	1e-06
loss	359
n_updates	8910
policy_gradient_loss	-0.0022
value_loss	686

rollout/		
ep_len_mean	1.54e+03	
ep_rew_mean	2.03e+03	
time/		
fps	121	
iterations	893	
time_elapsed	3776	
total_timesteps	457216	
train/		
approx_kl	0.0060521974	
clip_fraction	0.0311	
clip_range	0.2	
entropy_loss	-1.09	
explained_variance	0.815	
learning_rate	1e-06	
loss	21.9	
n_updates	8920	
policy_gradient_loss	-7.75e-05	
value_loss	146	

rollout/		
ep_len_mean	1.54e+03	
ep_rew_mean	2.03e+03	
time/		
fps	121	
iterations	894	
time_elapsed	3780	
total_timesteps	457728	
train/		
approx_kl	0.008407848	
clip_fraction	0.0375	
clip_range	0.2	
entropy_loss	-0.867	
explained_variance	0.726	
learning_rate	1e-06	
loss	26.1	
n_updates	8930	
policy_gradient_loss	-0.00412	
value_loss	115	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.04e+03	
time/		
fps	121	
iterations	895	
time_elapsed	3784	
total_timesteps	458240	
train/		
approx_kl	0.004203975	
clip_fraction	0.000195	
clip_range	0.2	
entropy_loss	-1.18	
explained_variance	0.269	
learning_rate	1e-06	
loss	99.3	
n_updates	8940	
policy_gradient_loss	-0.00256	
value_loss	329	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.03e+03	
time/		
fps	121	
iterations	896	
time_elapsed	3789	
total_timesteps	458752	
train/		
approx_kl	0.0066883364	
clip_fraction	0.0244	
clip_range	0.2	
entropy_loss	-1.28	
explained_variance	0.563	
learning_rate	1e-06	
loss	187	
n_updates	8950	
policy_gradient_loss	-0.000263	
value_loss	527	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.03e+03	
time/		
fps	121	
iterations	897	
time_elapsed	3793	
total_timesteps	459264	
train/		
approx_kl	0.0047361325	
clip_fraction	0.00254	
clip_range	0.2	
entropy_loss	-1.14	
explained_variance	0.338	
learning_rate	1e-06	
loss	353	
n_updates	8960	
policy_gradient_loss	-0.00486	
value_loss	728	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.03e+03	
time/		
fps	121	
iterations	898	
time_elapsed	3797	
total_timesteps	459776	
train/		
approx_kl	0.0037479294	
clip_fraction	0.00859	
clip_range	0.2	
entropy_loss	-1.06	
explained_variance	0.928	
learning_rate	1e-06	
loss	42.5	
n_updates	8970	
policy_gradient_loss	-0.00166	
value_loss	106	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.04e+03	
time/		
fps	121	
iterations	899	
time_elapsed	3802	
total_timesteps	460288	
train/		
approx_kl	0.0024055457	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.13	
explained_variance	-0.366	
learning_rate	1e-06	
loss	88.7	
n_updates	8980	
policy_gradient_loss	-0.00142	
value_loss	267	

rollout/		
ep_len_mean	1.55e+03	
ep_rew_mean	2.04e+03	
time/		
fps	121	
iterations	900	
time_elapsed	3806	
total_timesteps	460800	
train/		
approx_kl	0.0035227227	
clip_fraction	0.0273	
clip_range	0.2	
entropy_loss	-1.26	
explained_variance	0.627	
learning_rate	1e-06	
loss	249	
n_updates	8990	
policy_gradient_loss	-0.00371	

value_loss	499
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rollout/	
ep_len_mean	1.55e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	901
time_elapsed	3810
total_timesteps	461312
train/	
approx_kl	0.005080253
clip_fraction	0.0266
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.59
learning_rate	1e-06
loss	68.9
n_updates	9000
policy_gradient_loss	-0.00366
value_loss	150

rollout/	
ep_len_mean	1.55e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	902
time_elapsed	3814
total_timesteps	461824
train/	
approx_kl	0.005552846
clip_fraction	0.0277
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.798
learning_rate	1e-06
loss	50.9
n_updates	9010
policy_gradient_loss	-0.000516
value_loss	147

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	903
time_elapsed	3819
total_timesteps	462336
train/	
approx_kl	0.0031565567
clip_fraction	0.0127
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.936
learning_rate	1e-06
loss	44.3
n_updates	9020
policy_gradient_loss	-0.00218
value_loss	85.9

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	904
time_elapsed	3823
total_timesteps	462848
train/	
approx_kl	0.0053832596
clip_fraction	0.0154
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.758
learning_rate	1e-06
loss	360
n_updates	9030

policy_gradient_loss	-0.00351
value_loss	494

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	905
time_elapsed	3827
total_timesteps	463360
train/	
approx_kl	0.0021388712
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.615
learning_rate	1e-06
loss	96.6
n_updates	9040
policy_gradient_loss	-0.000108
value_loss	261

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	906
time_elapsed	3831
total_timesteps	463872
train/	
approx_kl	0.001177311
clip_fraction	0
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.816
learning_rate	1e-06
loss	99.5
n_updates	9050
policy_gradient_loss	0.00134
value_loss	383

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	907
time_elapsed	3835
total_timesteps	464384
train/	
approx_kl	0.008335392
clip_fraction	0.0264
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.886
learning_rate	1e-06
loss	51.8
n_updates	9060
policy_gradient_loss	0.000744
value_loss	136

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	908
time_elapsed	3840
total_timesteps	464896
train/	
approx_kl	0.0012492028
clip_fraction	0
clip_range	0.2
entropy_loss	-0.851
explained_variance	0.901
learning_rate	1e-06
loss	128

n_updates	9070
policy_gradient_loss	-0.000979
value_loss	182

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	909
time_elapsed	3844
total_timesteps	465408
train/	
approx_kl	0.004506969
clip_fraction	0.0273
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.711
learning_rate	1e-06
loss	228
n_updates	9080
policy_gradient_loss	0.00276
value_loss	430

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	910
time_elapsed	3848
total_timesteps	465920
train/	
approx_kl	0.0025662445
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.88
learning_rate	1e-06
loss	53.2
n_updates	9090
policy_gradient_loss	-0.00211
value_loss	160

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	911
time_elapsed	3853
total_timesteps	466432
train/	
approx_kl	0.0010185422
clip_fraction	0
clip_range	0.2
entropy_loss	-1.25
explained_variance	0.236
learning_rate	1e-06
loss	345
n_updates	9100
policy_gradient_loss	-0.0011
value_loss	1.04e+03

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	912
time_elapsed	3857
total_timesteps	466944
train/	
approx_kl	0.004379515
clip_fraction	0.0158
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.908
learning_rate	1e-06

loss	27.6
n_updates	9110
policy_gradient_loss	-0.0025
value_loss	93.6

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	913
time_elapsed	3861
total_timesteps	467456
train/	
approx_kl	0.0044457912
clip_fraction	0.0295
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.948
learning_rate	1e-06
loss	41.8
n_updates	9120
policy_gradient_loss	-0.00506
value_loss	101

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	914
time_elapsed	3865
total_timesteps	467968
train/	
approx_kl	0.0019094923
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.768
learning_rate	1e-06
loss	89.2
n_updates	9130
policy_gradient_loss	-0.00148
value_loss	479

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	915
time_elapsed	3869
total_timesteps	468480
train/	
approx_kl	0.0044031357
clip_fraction	0
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.816
learning_rate	1e-06
loss	71.5
n_updates	9140
policy_gradient_loss	-0.00184
value_loss	201

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	916
time_elapsed	3874
total_timesteps	468992
train/	
approx_kl	0.009955761
clip_fraction	0.0471
clip_range	0.2
entropy_loss	-1.25
explained_variance	0.745

learning_rate	1e-06
loss	51.6
n_updates	9150
policy_gradient_loss	-0.00587
value_loss	169

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	917
time_elapsed	3878
total_timesteps	469504
train/	
approx_kl	0.009216119
clip_fraction	0.0455
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.405
learning_rate	1e-06
loss	394
n_updates	9160
policy_gradient_loss	-0.00636
value_loss	756

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	918
time_elapsed	3883
total_timesteps	470016
train/	
approx_kl	0.0020442456
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.91
learning_rate	1e-06
loss	50.1
n_updates	9170
policy_gradient_loss	-0.000835
value_loss	143

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	919
time_elapsed	3887
total_timesteps	470528
train/	
approx_kl	0.005116446
clip_fraction	0.0111
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.737
learning_rate	1e-06
loss	652
n_updates	9180
policy_gradient_loss	0.000704
value_loss	703

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	920
time_elapsed	3891
total_timesteps	471040
train/	
approx_kl	0.01178606
clip_fraction	0.0324
clip_range	0.2
entropy_loss	-1.28

explained_variance	0.807
learning_rate	1e-06
loss	77.2
n_updates	9190
policy_gradient_loss	-0.00908
value_loss	150

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	921
time_elapsed	3896
total_timesteps	471552
train/	
approx_kl	0.0016094659
clip_fraction	0
clip_range	0.2
entropy_loss	-1.25
explained_variance	0.864
learning_rate	1e-06
loss	72.5
n_updates	9200
policy_gradient_loss	-0.00177
value_loss	172

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	922
time_elapsed	3900
total_timesteps	472064
train/	
approx_kl	0.0018635687
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-1.32
explained_variance	0.816
learning_rate	1e-06
loss	76.9
n_updates	9210
policy_gradient_loss	0.000104
value_loss	178

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	923
time_elapsed	3904
total_timesteps	472576
train/	
approx_kl	0.0056813965
clip_fraction	0.00645
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.666
learning_rate	1e-06
loss	494
n_updates	9220
policy_gradient_loss	-0.00678
value_loss	760

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	924
time_elapsed	3908
total_timesteps	473088
train/	
approx_kl	0.005191534
clip_fraction	0.0041
clip_range	0.2

entropy_loss	-1.31
explained_variance	0.444
learning_rate	1e-06
loss	122
n_updates	9230
policy_gradient_loss	-0.00409
value_loss	372

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	925
time_elapsed	3912
total_timesteps	473600
train/	
approx_kl	0.004546099
clip_fraction	0
clip_range	0.2
entropy_loss	-1.3
explained_variance	0.757
learning_rate	1e-06
loss	233
n_updates	9240
policy_gradient_loss	-0.004
value_loss	447

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.03e+03
time/	
fps	121
iterations	926
time_elapsed	3916
total_timesteps	474112
train/	
approx_kl	0.007498593
clip_fraction	0.0521
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.893
learning_rate	1e-06
loss	84.7
n_updates	9250
policy_gradient_loss	-0.00718
value_loss	186

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	927
time_elapsed	3921
total_timesteps	474624
train/	
approx_kl	0.0016609379
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.908
learning_rate	1e-06
loss	65.9
n_updates	9260
policy_gradient_loss	-0.000982
value_loss	131

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	928
time_elapsed	3925
total_timesteps	475136
train/	
approx_kl	0.0035177604
clip_fraction	0

clip_range	0.2
entropy_loss	-1.27
explained_variance	0.623
learning_rate	1e-06
loss	140
n_updates	9270
policy_gradient_loss	-0.000542
value_loss	489

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.04e+03
time/	
fps	121
iterations	929
time_elapsed	3929
total_timesteps	475648
train/	
approx_kl	0.0015467727
clip_fraction	0.0123
clip_range	0.2
entropy_loss	-1.26
explained_variance	0.878
learning_rate	1e-06
loss	72.4
n_updates	9280
policy_gradient_loss	0.00122
value_loss	181

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	930
time_elapsed	3933
total_timesteps	476160
train/	
approx_kl	0.0029054033
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.757
learning_rate	1e-06
loss	73.5
n_updates	9290
policy_gradient_loss	-0.00131
value_loss	213

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	931
time_elapsed	3937
total_timesteps	476672
train/	
approx_kl	0.0014408606
clip_fraction	0
clip_range	0.2
entropy_loss	-1.25
explained_variance	0.755
learning_rate	1e-06
loss	180
n_updates	9300
policy_gradient_loss	-0.000483
value_loss	299

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	932
time_elapsed	3942
total_timesteps	477184
train/	
approx_kl	0.002563404

clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.854
learning_rate	1e-06
loss	61.1
n_updates	9310
policy_gradient_loss	-0.00172
value_loss	87.4

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	933
time_elapsed	3946
total_timesteps	477696
train/	
approx_kl	0.004741151
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.598
learning_rate	1e-06
loss	768
n_updates	9320
policy_gradient_loss	-0.0027
value_loss	609

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	934
time_elapsed	3950
total_timesteps	478208
train/	
approx_kl	0.0138628585
clip_fraction	0.0445
clip_range	0.2
entropy_loss	-1.2
explained_variance	-0.122
learning_rate	1e-06
loss	86.1
n_updates	9330
policy_gradient_loss	-0.00334
value_loss	266

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	935
time_elapsed	3954
total_timesteps	478720
train/	
approx_kl	0.0005801609
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.495
learning_rate	1e-06
loss	307
n_updates	9340
policy_gradient_loss	2.72e-05
value_loss	686

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	936
time_elapsed	3958
total_timesteps	479232
train/	

approx_kl	0.0069206012
clip_fraction	0.0152
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.735
learning_rate	1e-06
loss	56.4
n_updates	9350
policy_gradient_loss	-0.00459
value_loss	138

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	937
time_elapsed	3962
total_timesteps	479744
train/	
approx_kl	0.0018267878
clip_fraction	0
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.721
learning_rate	1e-06
loss	321
n_updates	9360
policy_gradient_loss	-0.00121
value_loss	692

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	938
time_elapsed	3968
total_timesteps	480256
train/	
approx_kl	0.012961811
clip_fraction	0.0668
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.895
learning_rate	1e-06
loss	31.6
n_updates	9370
policy_gradient_loss	-0.00861
value_loss	100

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	939
time_elapsed	3972
total_timesteps	480768
train/	
approx_kl	0.0008427565
clip_fraction	0
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.608
learning_rate	1e-06
loss	450
n_updates	9380
policy_gradient_loss	-0.00133
value_loss	799

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	940
time_elapsed	3976
total_timesteps	481280

train/	
approx_kl	0.010468774
clip_fraction	0.0219
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.828
learning_rate	1e-06
loss	112
n_updates	9390
policy_gradient_loss	-0.00697
value_loss	190

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	941
time_elapsed	3980
total_timesteps	481792
train/	
approx_kl	0.008344118
clip_fraction	0.0217
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.923
learning_rate	1e-06
loss	28.3
n_updates	9400
policy_gradient_loss	-0.00335
value_loss	92.1

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	942
time_elapsed	3984
total_timesteps	482304
train/	
approx_kl	0.011626381
clip_fraction	0.0688
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.833
learning_rate	1e-06
loss	65.9
n_updates	9410
policy_gradient_loss	-0.00954
value_loss	187

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	943
time_elapsed	3989
total_timesteps	482816
train/	
approx_kl	0.005265473
clip_fraction	0.0242
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.598
learning_rate	1e-06
loss	361
n_updates	9420
policy_gradient_loss	-0.00726
value_loss	855

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	944
time_elapsed	3993

total_timesteps	483328
train/	
approx_kl	0.0035155741
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.928
learning_rate	1e-06
loss	55.9
n_updates	9430
policy_gradient_loss	0.00139
value_loss	119

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	945
time_elapsed	3997
total_timesteps	483840
train/	
approx_kl	0.0017353208
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.936
learning_rate	1e-06
loss	77.4
n_updates	9440
policy_gradient_loss	-0.000526
value_loss	134

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	946
time_elapsed	4001
total_timesteps	484352
train/	
approx_kl	0.0029766914
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.736
learning_rate	1e-06
loss	202
n_updates	9450
policy_gradient_loss	-0.00244
value_loss	408

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	947
time_elapsed	4005
total_timesteps	484864
train/	
approx_kl	0.002862939
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.591
learning_rate	1e-06
loss	146
n_updates	9460
policy_gradient_loss	-0.00333
value_loss	718

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	948

time_elapsed	4009
total_timesteps	485376
train/	
approx_kl	0.006747674
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.859
learning_rate	1e-06
loss	58.2
n_updates	9470
policy_gradient_loss	-0.00385
value_loss	216

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	949
time_elapsed	4014
total_timesteps	485888
train/	
approx_kl	0.0046679564
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.859
learning_rate	1e-06
loss	114
n_updates	9480
policy_gradient_loss	-0.00263
value_loss	229

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	950
time_elapsed	4018
total_timesteps	486400
train/	
approx_kl	0.0068948856
clip_fraction	0.015
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.286
learning_rate	1e-06
loss	376
n_updates	9490
policy_gradient_loss	-0.00536
value_loss	1.01e+03

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.06e+03
time/	
fps	121
iterations	951
time_elapsed	4022
total_timesteps	486912
train/	
approx_kl	0.005636161
clip_fraction	0.0107
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.577
learning_rate	1e-06
loss	718
n_updates	9500
policy_gradient_loss	-0.00478
value_loss	881

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.06e+03
time/	
fps	121

iterations	952
time_elapsed	4026
total_timesteps	487424
train/	
approx_kl	0.010306371
clip_fraction	0.0771
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.863
learning_rate	1e-06
loss	77.8
n_updates	9510
policy_gradient_loss	-0.00826
value_loss	170

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	953
time_elapsed	4030
total_timesteps	487936
train/	
approx_kl	0.0015000311
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.853
learning_rate	1e-06
loss	175
n_updates	9520
policy_gradient_loss	-0.000328
value_loss	337

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	954
time_elapsed	4035
total_timesteps	488448
train/	
approx_kl	0.0027066283
clip_fraction	0.0187
clip_range	0.2
entropy_loss	-1.19
explained_variance	0.723
learning_rate	1e-06
loss	246
n_updates	9530
policy_gradient_loss	-0.00145
value_loss	571

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	955
time_elapsed	4039
total_timesteps	488960
train/	
approx_kl	0.0065925224
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.878
learning_rate	1e-06
loss	91.3
n_updates	9540
policy_gradient_loss	-0.00325
value_loss	218

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	

fps	121
iterations	956
time_elapsed	4043
total_timesteps	489472
train/	
approx_kl	0.0036037588
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.889
learning_rate	1e-06
loss	60.9
n_updates	9550
policy_gradient_loss	-0.00147
value_loss	142

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	957
time_elapsed	4047
total_timesteps	489984
train/	
approx_kl	0.0056304936
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.574
learning_rate	1e-06
loss	367
n_updates	9560
policy_gradient_loss	-0.00277
value_loss	723

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	958
time_elapsed	4052
total_timesteps	490496
train/	
approx_kl	0.003999952
clip_fraction	0
clip_range	0.2
entropy_loss	-1.3
explained_variance	0.505
learning_rate	1e-06
loss	75.3
n_updates	9570
policy_gradient_loss	-0.000688
value_loss	202

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	959
time_elapsed	4057
total_timesteps	491008
train/	
approx_kl	0.001802227
clip_fraction	0
clip_range	0.2
entropy_loss	-1.31
explained_variance	0.784
learning_rate	1e-06
loss	240
n_updates	9580
policy_gradient_loss	0.000303
value_loss	494

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03

time/	
fps	121
iterations	960
time_elapsed	4061
total_timesteps	491520
train/	
approx_kl	0.009245664
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.914
learning_rate	1e-06
loss	69.3
n_updates	9590
policy_gradient_loss	-0.00286
value_loss	179

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	961
time_elapsed	4065
total_timesteps	492032
train/	
approx_kl	0.012521112
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.795
learning_rate	1e-06
loss	91.6
n_updates	9600
policy_gradient_loss	-0.00718
value_loss	178

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	962
time_elapsed	4069
total_timesteps	492544
train/	
approx_kl	0.0010536385
clip_fraction	0
clip_range	0.2
entropy_loss	-1.29
explained_variance	0.679
learning_rate	1e-06
loss	138
n_updates	9610
policy_gradient_loss	-0.00101
value_loss	590

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	963
time_elapsed	4073
total_timesteps	493056
train/	
approx_kl	0.0022786933
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.866
learning_rate	1e-06
loss	113
n_updates	9620
policy_gradient_loss	-0.00129
value_loss	322

rollout/	
ep_len_mean	1.57e+03

ep_rew_mean	2.08e+03
time/	
fps	121
iterations	964
time_elapsed	4078
total_timesteps	493568
train/	
approx_kl	0.0005535545
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.539
learning_rate	1e-06
loss	395
n_updates	9630
policy_gradient_loss	0.000734
value_loss	689

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	965
time_elapsed	4082
total_timesteps	494080
train/	
approx_kl	0.004805768
clip_fraction	0
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.711
learning_rate	1e-06
loss	51.5
n_updates	9640
policy_gradient_loss	-0.00225
value_loss	148

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	966
time_elapsed	4086
total_timesteps	494592
train/	
approx_kl	0.0007887166
clip_fraction	0
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.693
learning_rate	1e-06
loss	237
n_updates	9650
policy_gradient_loss	0.000868
value_loss	455

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	967
time_elapsed	4090
total_timesteps	495104
train/	
approx_kl	0.0011687325
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.739
learning_rate	1e-06
loss	54.3
n_updates	9660
policy_gradient_loss	-0.00103
value_loss	131

rollout/	
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ep_len_mean	1.57e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	968
time_elapsed	4095
total_timesteps	495616
train/	
approx_kl	0.004125882
clip_fraction	0.0156
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.84
learning_rate	1e-06
loss	75.4
n_updates	9670
policy_gradient_loss	-0.00425
value_loss	182

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	969
time_elapsed	4099
total_timesteps	496128
train/	
approx_kl	0.009101482
clip_fraction	0.0326
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.901
learning_rate	1e-06
loss	53.6
n_updates	9680
policy_gradient_loss	0.000869
value_loss	153

rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	970
time_elapsed	4103
total_timesteps	496640
train/	
approx_kl	0.008090426
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.666
learning_rate	1e-06
loss	378
n_updates	9690
policy_gradient_loss	-0.00425
value_loss	619

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	971
time_elapsed	4107
total_timesteps	497152
train/	
approx_kl	0.0059776325
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.897
learning_rate	1e-06
loss	52.8
n_updates	9700
policy_gradient_loss	-0.00244
value_loss	132

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	972
time_elapsed	4111
total_timesteps	497664
train/	
approx_kl	0.0034963703
clip_fraction	0
clip_range	0.2
entropy_loss	-1.19
explained_variance	0.577
learning_rate	1e-06
loss	528
n_updates	9710
policy_gradient_loss	-0.00222
value_loss	670

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	973
time_elapsed	4116
total_timesteps	498176
train/	
approx_kl	0.011094023
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-1.27
explained_variance	0.872
learning_rate	1e-06
loss	99.8
n_updates	9720
policy_gradient_loss	-0.00849
value_loss	315

rollout/	
ep_len_mean	1.57e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	974
time_elapsed	4120
total_timesteps	498688
train/	
approx_kl	0.0012877237
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.885
learning_rate	1e-06
loss	56.8
n_updates	9730
policy_gradient_loss	-0.00105
value_loss	144

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	975
time_elapsed	4124
total_timesteps	499200
train/	
approx_kl	0.0022775307
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.838
learning_rate	1e-06
loss	210
n_updates	9740
policy_gradient_loss	-0.00261
value_loss	349

rollout/		
ep_len_mean	1.56e+03	
ep_rew_mean	2.08e+03	
time/		
fps	121	
iterations	976	
time_elapsed	4128	
total_timesteps	499712	
train/		
approx_kl	0.0042636255	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.16	
explained_variance	0.503	
learning_rate	1e-06	
loss	262	
n_updates	9750	
policy_gradient_loss	-0.00246	
value_loss	874	

rollout/		
ep_len_mean	1.56e+03	
ep_rew_mean	2.08e+03	
time/		
fps	121	
iterations	977	
time_elapsed	4134	
total_timesteps	500224	
train/		
approx_kl	0.007998503	
clip_fraction	0.00313	
clip_range	0.2	
entropy_loss	-1.17	
explained_variance	0.802	
learning_rate	1e-06	
loss	80.3	
n_updates	9760	
policy_gradient_loss	-0.00297	
value_loss	160	

rollout/		
ep_len_mean	1.56e+03	
ep_rew_mean	2.08e+03	
time/		
fps	121	
iterations	978	
time_elapsed	4138	
total_timesteps	500736	
train/		
approx_kl	0.0016017942	
clip_fraction	0.00801	
clip_range	0.2	
entropy_loss	-1.16	
explained_variance	0.735	
learning_rate	1e-06	
loss	144	
n_updates	9770	
policy_gradient_loss	-0.00246	
value_loss	426	

rollout/		
ep_len_mean	1.57e+03	
ep_rew_mean	2.09e+03	
time/		
fps	121	
iterations	979	
time_elapsed	4142	
total_timesteps	501248	
train/		
approx_kl	0.009042399	
clip_fraction	0.0137	
clip_range	0.2	
entropy_loss	-1.17	
explained_variance	0.89	
learning_rate	1e-06	
loss	77.7	
n_updates	9780	
policy_gradient_loss	-0.00404	
value_loss	135	

rollout/		
ep_len_mean	1.57e+03	
ep_rew_mean	2.09e+03	
time/		
fps	121	
iterations	980	
time_elapsed	4146	
total_timesteps	501760	
train/		
approx_kl	0.004147846	
clip_fraction	0.00195	
clip_range	0.2	
entropy_loss	-1.18	
explained_variance	0.295	
learning_rate	1e-06	
loss	643	
n_updates	9790	
policy_gradient_loss	-0.0023	
value_loss	963	

rollout/		
ep_len_mean	1.57e+03	
ep_rew_mean	2.09e+03	
time/		
fps	121	
iterations	981	
time_elapsed	4150	
total_timesteps	502272	
train/		
approx_kl	0.0026433454	
clip_fraction	0.00723	
clip_range	0.2	
entropy_loss	-1.14	
explained_variance	0.923	
learning_rate	1e-06	
loss	47.5	
n_updates	9800	
policy_gradient_loss	-0.00313	
value_loss	122	

rollout/		
ep_len_mean	1.57e+03	
ep_rew_mean	2.09e+03	
time/		
fps	121	
iterations	982	
time_elapsed	4155	
total_timesteps	502784	
train/		
approx_kl	0.0073595084	
clip_fraction	0.0303	
clip_range	0.2	
entropy_loss	-0.979	
explained_variance	0.95	
learning_rate	1e-06	
loss	61.9	
n_updates	9810	
policy_gradient_loss	-0.0068	
value_loss	130	

rollout/		
ep_len_mean	1.58e+03	
ep_rew_mean	2.1e+03	
time/		
fps	121	
iterations	983	
time_elapsed	4159	
total_timesteps	503296	
train/		
approx_kl	0.0029030931	
clip_fraction	0.0166	
clip_range	0.2	
entropy_loss	-1.1	
explained_variance	0.856	
learning_rate	1e-06	
loss	50.9	
n_updates	9820	
policy_gradient_loss	-0.000295	

value_loss	163
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rollout/	
ep_len_mean	1.58e+03
ep_rew_mean	2.1e+03
time/	
fps	121
iterations	984
time_elapsed	4163
total_timesteps	503808
train/	
approx_kl	0.0022355914
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.757
learning_rate	1e-06
loss	170
n_updates	9830
policy_gradient_loss	-0.00155
value_loss	392

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	985
time_elapsed	4167
total_timesteps	504320
train/	
approx_kl	0.001582175
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.823
learning_rate	1e-06
loss	328
n_updates	9840
policy_gradient_loss	-0.000127
value_loss	353

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	986
time_elapsed	4171
total_timesteps	504832
train/	
approx_kl	0.008246219
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.386
learning_rate	1e-06
loss	132
n_updates	9850
policy_gradient_loss	-0.00517
value_loss	652

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	987
time_elapsed	4176
total_timesteps	505344
train/	
approx_kl	0.00981761
clip_fraction	0.024
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.94
learning_rate	1e-06
loss	80.6
n_updates	9860

policy_gradient_loss	-0.0053
value_loss	140

rollout/	
ep_len_mean	1.56e+03
ep_rew_mean	2.09e+03
time/	
fps	121
iterations	988
time_elapsed	4180
total_timesteps	505856
train/	
approx_kl	0.00787165
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.988
explained_variance	0.933
learning_rate	1e-06
loss	62.8
n_updates	9870
policy_gradient_loss	-0.0034
value_loss	182

rollout/	
ep_len_mean	1.55e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	989
time_elapsed	4184
total_timesteps	506368
train/	
approx_kl	0.0032821652
clip_fraction	0.00879
clip_range	0.2
entropy_loss	-0.915
explained_variance	0.876
learning_rate	1e-06
loss	305
n_updates	9880
policy_gradient_loss	-0.00419
value_loss	388

rollout/	
ep_len_mean	1.55e+03
ep_rew_mean	2.08e+03
time/	
fps	121
iterations	990
time_elapsed	4188
total_timesteps	506880
train/	
approx_kl	0.004079993
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.864
learning_rate	1e-06
loss	114
n_updates	9890
policy_gradient_loss	-0.00622
value_loss	317

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.07e+03
time/	
fps	121
iterations	991
time_elapsed	4193
total_timesteps	507392
train/	
approx_kl	0.0015793291
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.933
explained_variance	0.838
learning_rate	1e-06
loss	96.8

n_updates	9900
policy_gradient_loss	-0.000729
value_loss	288

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	992
time_elapsed	4197
total_timesteps	507904
train/	
approx_kl	0.0016849602
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.719
learning_rate	1e-06
loss	375
n_updates	9910
policy_gradient_loss	-0.0012
value_loss	821

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	993
time_elapsed	4201
total_timesteps	508416
train/	
approx_kl	0.0013420088
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.975
explained_variance	0.502
learning_rate	1e-06
loss	486
n_updates	9920
policy_gradient_loss	-0.000723
value_loss	616

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	994
time_elapsed	4205
total_timesteps	508928
train/	
approx_kl	0.00506148
clip_fraction	0.00742
clip_range	0.2
entropy_loss	-0.885
explained_variance	0.879
learning_rate	1e-06
loss	69.4
n_updates	9930
policy_gradient_loss	-0.00405
value_loss	226

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	995
time_elapsed	4209
total_timesteps	509440
train/	
approx_kl	0.007291479
clip_fraction	0.0256
clip_range	0.2
entropy_loss	-0.855
explained_variance	0.447
learning_rate	1e-06

loss	87.3
n_updates	9940
policy_gradient_loss	-0.00516
value_loss	581

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	121
iterations	996
time_elapsed	4213
total_timesteps	509952
train/	
approx_kl	0.0035474678
clip_fraction	0.0279
clip_range	0.2
entropy_loss	-0.763
explained_variance	0.855
learning_rate	1e-06
loss	26.7
n_updates	9950
policy_gradient_loss	-0.0034
value_loss	96.8

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	997
time_elapsed	4219
total_timesteps	510464
train/	
approx_kl	0.0024591992
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.84
explained_variance	0.836
learning_rate	1e-06
loss	130
n_updates	9960
policy_gradient_loss	-0.00122
value_loss	339

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	998
time_elapsed	4223
total_timesteps	510976
train/	
approx_kl	0.0016845651
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.947
learning_rate	1e-06
loss	21.1
n_updates	9970
policy_gradient_loss	-0.00139
value_loss	56.5

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	999
time_elapsed	4227
total_timesteps	511488
train/	
approx_kl	0.002707635
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-0.88
explained_variance	0.855

learning_rate	1e-06
loss	137
n_updates	9980
policy_gradient_loss	-0.00308
value_loss	346

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1000
time_elapsed	4231
total_timesteps	512000
train/	
approx_kl	0.0008048798
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.873
explained_variance	0.676
learning_rate	1e-06
loss	77.9
n_updates	9990
policy_gradient_loss	-0.000189
value_loss	188

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1001
time_elapsed	4235
total_timesteps	512512
train/	
approx_kl	0.0044052694
clip_fraction	0.0146
clip_range	0.2
entropy_loss	-0.989
explained_variance	0.785
learning_rate	1e-06
loss	78.8
n_updates	10000
policy_gradient_loss	-0.00225
value_loss	177

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1002
time_elapsed	4240
total_timesteps	513024
train/	
approx_kl	0.009223793
clip_fraction	0.0307
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.858
learning_rate	1e-06
loss	77.2
n_updates	10010
policy_gradient_loss	-0.00588
value_loss	204

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1003
time_elapsed	4244
total_timesteps	513536
train/	
approx_kl	0.0066111153
clip_fraction	0.0555
clip_range	0.2
entropy_loss	-1.13

explained_variance	0.92
learning_rate	1e-06
loss	17
n_updates	10020
policy_gradient_loss	-0.00757
value_loss	65.3

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1004
time_elapsed	4248
total_timesteps	514048
train/	
approx_kl	0.002479935
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.533
learning_rate	1e-06
loss	96.9
n_updates	10030
policy_gradient_loss	-0.00235
value_loss	612

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1005
time_elapsed	4252
total_timesteps	514560
train/	
approx_kl	0.007600826
clip_fraction	0.0533
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.901
learning_rate	1e-06
loss	26.3
n_updates	10040
policy_gradient_loss	-0.00631
value_loss	76.9

rollout/	
ep_len_mean	1.52e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1006
time_elapsed	4257
total_timesteps	515072
train/	
approx_kl	0.0058819475
clip_fraction	0.0125
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.753
learning_rate	1e-06
loss	48.7
n_updates	10050
policy_gradient_loss	-0.00347
value_loss	109

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1007
time_elapsed	4261
total_timesteps	515584
train/	
approx_kl	0.0017616481
clip_fraction	0
clip_range	0.2

entropy_loss	-1.24
explained_variance	0.534
learning_rate	1e-06
loss	24.4
n_updates	10060
policy_gradient_loss	-0.0003
value_loss	112

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1008
time_elapsed	4265
total_timesteps	516096
train/	
approx_kl	0.0043748314
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.655
learning_rate	1e-06
loss	166
n_updates	10070
policy_gradient_loss	-0.00485
value_loss	485

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1009
time_elapsed	4269
total_timesteps	516608
train/	
approx_kl	0.0023564352
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.28
explained_variance	0.932
learning_rate	1e-06
loss	25.1
n_updates	10080
policy_gradient_loss	-8.67e-05
value_loss	77

rollout/	
ep_len_mean	1.53e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1010
time_elapsed	4273
total_timesteps	517120
train/	
approx_kl	0.00493191
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.739
learning_rate	1e-06
loss	61.9
n_updates	10090
policy_gradient_loss	-0.00309
value_loss	156

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1011
time_elapsed	4277
total_timesteps	517632
train/	
approx_kl	0.0051432187
clip_fraction	0.00215

clip_range	0.2
entropy_loss	-1.19
explained_variance	0.9
learning_rate	1e-06
loss	74.8
n_updates	10100
policy_gradient_loss	-0.004
value_loss	136

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1012
time_elapsed	4282
total_timesteps	518144
train/	
approx_kl	0.0028263973
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.26
explained_variance	0.88
learning_rate	1e-06
loss	57.8
n_updates	10110
policy_gradient_loss	-0.00223
value_loss	185

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1013
time_elapsed	4286
total_timesteps	518656
train/	
approx_kl	0.0011086084
clip_fraction	0
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.767
learning_rate	1e-06
loss	62.7
n_updates	10120
policy_gradient_loss	-0.00091
value_loss	128

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1014
time_elapsed	4290
total_timesteps	519168
train/	
approx_kl	0.0053494214
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.881
learning_rate	1e-06
loss	56.7
n_updates	10130
policy_gradient_loss	-0.002
value_loss	123

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1015
time_elapsed	4294
total_timesteps	519680
train/	
approx_kl	0.00057713257

clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.652
learning_rate	1e-06
loss	150
n_updates	10140
policy_gradient_loss	0.000493
value_loss	568

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1016
time_elapsed	4300
total_timesteps	520192
train/	
approx_kl	0.002610703
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.795
learning_rate	1e-06
loss	80.2
n_updates	10150
policy_gradient_loss	-0.00239
value_loss	179

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1017
time_elapsed	4304
total_timesteps	520704
train/	
approx_kl	0.0036609138
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-1.3
explained_variance	0.729
learning_rate	1e-06
loss	182
n_updates	10160
policy_gradient_loss	2.25e-05
value_loss	453

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1018
time_elapsed	4308
total_timesteps	521216
train/	
approx_kl	0.0020171748
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-1.22
explained_variance	0.566
learning_rate	1e-06
loss	288
n_updates	10170
policy_gradient_loss	-0.00302
value_loss	725

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1019
time_elapsed	4312
total_timesteps	521728
train/	

approx_kl	0.0016513113
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.395
learning_rate	1e-06
loss	580
n_updates	10180
policy_gradient_loss	0.000163
value_loss	630

rollout/	
ep_len_mean	1.54e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1020
time_elapsed	4316
total_timesteps	522240
train/	
approx_kl	0.0017108637
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.822
learning_rate	1e-06
loss	65.7
n_updates	10190
policy_gradient_loss	-0.00138
value_loss	130

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1021
time_elapsed	4321
total_timesteps	522752
train/	
approx_kl	0.004214179
clip_fraction	0.0178
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.905
learning_rate	1e-06
loss	17.8
n_updates	10200
policy_gradient_loss	-0.000224
value_loss	98.3

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1022
time_elapsed	4325
total_timesteps	523264
train/	
approx_kl	0.002565898
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.462
learning_rate	1e-06
loss	450
n_updates	10210
policy_gradient_loss	-0.000873
value_loss	747

rollout/	
ep_len_mean	1.44e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1023
time_elapsed	4329
total_timesteps	523776

train/	
approx_kl	0.0027003922
clip_fraction	0
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.843
learning_rate	1e-06
loss	64.3
n_updates	10220
policy_gradient_loss	-0.00176
value_loss	126

rollout/	
ep_len_mean	1.41e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1024
time_elapsed	4333
total_timesteps	524288
train/	
approx_kl	0.0031679794
clip_fraction	0.0123
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.672
learning_rate	1e-06
loss	57
n_updates	10230
policy_gradient_loss	0.000169
value_loss	171

rollout/	
ep_len_mean	1.41e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1025
time_elapsed	4337
total_timesteps	524800
train/	
approx_kl	0.0015711186
clip_fraction	0
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.733
learning_rate	1e-06
loss	275
n_updates	10240
policy_gradient_loss	-0.000289
value_loss	659

rollout/	
ep_len_mean	1.41e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1026
time_elapsed	4342
total_timesteps	525312
train/	
approx_kl	0.0044477363
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.83
learning_rate	1e-06
loss	70.8
n_updates	10250
policy_gradient_loss	-0.00107
value_loss	194

rollout/	
ep_len_mean	1.41e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1027
time_elapsed	4346

total_timesteps	525824
train/	
approx_kl	0.0047645085
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.992
explained_variance	0.87
learning_rate	1e-06
loss	62.6
n_updates	10260
policy_gradient_loss	-0.00495
value_loss	177

rollout/	
ep_len_mean	1.41e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1028
time_elapsed	4350
total_timesteps	526336
train/	
approx_kl	0.0026034908
clip_fraction	0
clip_range	0.2
entropy_loss	-0.996
explained_variance	0.818
learning_rate	1e-06
loss	62.6
n_updates	10270
policy_gradient_loss	-0.00219
value_loss	158

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1029
time_elapsed	4354
total_timesteps	526848
train/	
approx_kl	0.002858165
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-0.935
explained_variance	0.537
learning_rate	1e-06
loss	215
n_updates	10280
policy_gradient_loss	-0.0047
value_loss	513

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1030
time_elapsed	4359
total_timesteps	527360
train/	
approx_kl	0.0014733674
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.853
learning_rate	1e-06
loss	62.6
n_updates	10290
policy_gradient_loss	0.00088
value_loss	359

rollout/	
ep_len_mean	1.42e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1031

time_elapsed	4363
total_timesteps	527872
train/	
approx_kl	0.0030064322
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.879
explained_variance	0.863
learning_rate	1e-06
loss	68.3
n_updates	10300
policy_gradient_loss	-0.00182
value_loss	195

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1032
time_elapsed	4367
total_timesteps	528384
train/	
approx_kl	0.0034180754
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.929
explained_variance	0.897
learning_rate	1e-06
loss	35.5
n_updates	10310
policy_gradient_loss	-0.00235
value_loss	106

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1033
time_elapsed	4371
total_timesteps	528896
train/	
approx_kl	0.0004121262
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.968
explained_variance	0.301
learning_rate	1e-06
loss	547
n_updates	10320
policy_gradient_loss	-0.000862
value_loss	819

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1034
time_elapsed	4375
total_timesteps	529408
train/	
approx_kl	0.0054247975
clip_fraction	0.035
clip_range	0.2
entropy_loss	-0.948
explained_variance	0.917
learning_rate	1e-06
loss	39.2
n_updates	10330
policy_gradient_loss	-0.00575
value_loss	117

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.05e+03
time/	
fps	120

iterations	1035
time_elapsed	4380
total_timesteps	529920
train/	
approx_kl	0.0015666917
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.972
explained_variance	0.89
learning_rate	1e-06
loss	73.8
n_updates	10340
policy_gradient_loss	-0.000866
value_loss	208

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1036
time_elapsed	4385
total_timesteps	530432
train/	
approx_kl	0.0067749796
clip_fraction	0.0203
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.824
learning_rate	1e-06
loss	32.8
n_updates	10350
policy_gradient_loss	-0.00267
value_loss	97.2

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1037
time_elapsed	4389
total_timesteps	530944
train/	
approx_kl	0.0016759295
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.773
learning_rate	1e-06
loss	28.5
n_updates	10360
policy_gradient_loss	-0.00146
value_loss	94.9

rollout/	
ep_len_mean	1.4e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1038
time_elapsed	4393
total_timesteps	531456
train/	
approx_kl	0.0018226769
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.586
learning_rate	1e-06
loss	858
n_updates	10370
policy_gradient_loss	-0.00184
value_loss	715

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.06e+03
time/	

fps	120
iterations	1039
time_elapsed	4397
total_timesteps	531968
train/	
approx_kl	0.0109220715
clip_fraction	0.00996
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.914
learning_rate	1e-06
loss	17.7
n_updates	10380
policy_gradient_loss	-0.00391
value_loss	68.5

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1040
time_elapsed	4401
total_timesteps	532480
train/	
approx_kl	0.002427882
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.968
explained_variance	0.498
learning_rate	1e-06
loss	294
n_updates	10390
policy_gradient_loss	-0.00229
value_loss	692

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1041
time_elapsed	4406
total_timesteps	532992
train/	
approx_kl	0.0039105187
clip_fraction	0.0189
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.296
learning_rate	1e-06
loss	56.1
n_updates	10400
policy_gradient_loss	-0.000612
value_loss	195

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1042
time_elapsed	4410
total_timesteps	533504
train/	
approx_kl	0.0032270001
clip_fraction	0.0145
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.787
learning_rate	1e-06
loss	47.5
n_updates	10410
policy_gradient_loss	-0.002
value_loss	367

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.07e+03

time/	
fps	120
iterations	1043
time_elapsed	4414
total_timesteps	534016
train/	
approx_kl	0.00062565855
clip_fraction	0
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.913
learning_rate	1e-06
loss	48.5
n_updates	10420
policy_gradient_loss	-0.00024
value_loss	103

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1044
time_elapsed	4418
total_timesteps	534528
train/	
approx_kl	0.00696251
clip_fraction	0.0127
clip_range	0.2
entropy_loss	-1
explained_variance	0.919
learning_rate	1e-06
loss	51.5
n_updates	10430
policy_gradient_loss	-0.00251
value_loss	134

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1045
time_elapsed	4423
total_timesteps	535040
train/	
approx_kl	0.0034992332
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.74
learning_rate	1e-06
loss	71.3
n_updates	10440
policy_gradient_loss	-0.00297
value_loss	315

rollout/	
ep_len_mean	1.39e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1046
time_elapsed	4427
total_timesteps	535552
train/	
approx_kl	0.0040583154
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.892
learning_rate	1e-06
loss	56.1
n_updates	10450
policy_gradient_loss	-0.000799
value_loss	142

rollout/	
ep_len_mean	1.38e+03

ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1047
time_elapsed	4431
total_timesteps	536064
train/	
approx_kl	0.0031593814
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.955
explained_variance	0.836
learning_rate	1e-06
loss	87.7
n_updates	10460
policy_gradient_loss	0.00102
value_loss	231

rollout/	
ep_len_mean	1.38e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1048
time_elapsed	4435
total_timesteps	536576
train/	
approx_kl	0.00057064753
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.753
learning_rate	1e-06
loss	746
n_updates	10470
policy_gradient_loss	-0.000289
value_loss	568

rollout/	
ep_len_mean	1.37e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1049
time_elapsed	4439
total_timesteps	537088
train/	
approx_kl	0.0079478845
clip_fraction	0.023
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.871
learning_rate	1e-06
loss	97.1
n_updates	10480
policy_gradient_loss	-0.00697
value_loss	192

rollout/	
ep_len_mean	1.37e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1050
time_elapsed	4444
total_timesteps	537600
train/	
approx_kl	0.0007028675
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.721
learning_rate	1e-06
loss	311
n_updates	10490
policy_gradient_loss	-0.00196
value_loss	663

rollout/	
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ep_len_mean	1.36e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1051
time_elapsed	4448
total_timesteps	538112
train/	
approx_kl	0.0012146638
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.789
learning_rate	1e-06
loss	107
n_updates	10500
policy_gradient_loss	-0.00118
value_loss	219

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1052
time_elapsed	4452
total_timesteps	538624
train/	
approx_kl	0.008164055
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.583
learning_rate	1e-06
loss	256
n_updates	10510
policy_gradient_loss	-0.00711
value_loss	878

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1053
time_elapsed	4456
total_timesteps	539136
train/	
approx_kl	0.0018031427
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-1
explained_variance	0.802
learning_rate	1e-06
loss	63
n_updates	10520
policy_gradient_loss	-0.00301
value_loss	216

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1054
time_elapsed	4461
total_timesteps	539648
train/	
approx_kl	0.0055791335
clip_fraction	0.0326
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.625
learning_rate	1e-06
loss	331
n_updates	10530
policy_gradient_loss	0.000792
value_loss	790

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1055
time_elapsed	4466
total_timesteps	540160
train/	
approx_kl	0.008821404
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.811
learning_rate	1e-06
loss	67
n_updates	10540
policy_gradient_loss	-0.00598
value_loss	188

rollout/	
ep_len_mean	1.36e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1056
time_elapsed	4470
total_timesteps	540672
train/	
approx_kl	0.0047929306
clip_fraction	0.0182
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.862
learning_rate	1e-06
loss	114
n_updates	10550
policy_gradient_loss	-0.00348
value_loss	256

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1057
time_elapsed	4474
total_timesteps	541184
train/	
approx_kl	0.011354623
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.916
learning_rate	1e-06
loss	29.7
n_updates	10560
policy_gradient_loss	-0.00187
value_loss	80.3

rollout/	
ep_len_mean	1.35e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1058
time_elapsed	4478
total_timesteps	541696
train/	
approx_kl	0.001580694
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.516
learning_rate	1e-06
loss	78.8
n_updates	10570
policy_gradient_loss	-0.00212
value_loss	680

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.06e+03	
time/		
fps	120	
iterations	1059	
time_elapsed	4483	
total_timesteps	542208	
train/		
approx_kl	0.014986156	
clip_fraction	0.0189	
clip_range	0.2	
entropy_loss	-1.04	
explained_variance	0.773	
learning_rate	1e-06	
loss	91.2	
n_updates	10580	
policy_gradient_loss	-0.00754	
value_loss	226	

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.06e+03	
time/		
fps	120	
iterations	1060	
time_elapsed	4487	
total_timesteps	542720	
train/		
approx_kl	0.004890504	
clip_fraction	0.000781	
clip_range	0.2	
entropy_loss	-1.01	
explained_variance	0.801	
learning_rate	1e-06	
loss	61	
n_updates	10590	
policy_gradient_loss	0.00142	
value_loss	150	

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.08e+03	
time/		
fps	120	
iterations	1061	
time_elapsed	4491	
total_timesteps	543232	
train/		
approx_kl	0.00095141004	
clip_fraction	0.00234	
clip_range	0.2	
entropy_loss	-1.02	
explained_variance	0.862	
learning_rate	1e-06	
loss	49.5	
n_updates	10600	
policy_gradient_loss	-0.00187	
value_loss	130	

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.08e+03	
time/		
fps	120	
iterations	1062	
time_elapsed	4495	
total_timesteps	543744	
train/		
approx_kl	0.0073797405	
clip_fraction	0.00898	
clip_range	0.2	
entropy_loss	-1.11	
explained_variance	0.488	
learning_rate	1e-06	
loss	224	
n_updates	10610	
policy_gradient_loss	-0.00644	
value_loss	641	

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.08e+03	
time/		
fps	120	
iterations	1063	
time_elapsed	4500	
total_timesteps	544256	
train/		
approx_kl	0.002170802	
clip_fraction	0.000977	
clip_range	0.2	
entropy_loss	-1.02	
explained_variance	0.853	
learning_rate	1e-06	
loss	107	
n_updates	10620	
policy_gradient_loss	-0.00152	
value_loss	187	

rollout/		
ep_len_mean	1.36e+03	
ep_rew_mean	2.1e+03	
time/		
fps	120	
iterations	1064	
time_elapsed	4504	
total_timesteps	544768	
train/		
approx_kl	0.0007551422	
clip_fraction	0.00176	
clip_range	0.2	
entropy_loss	-1.1	
explained_variance	0.66	
learning_rate	1e-06	
loss	62.8	
n_updates	10630	
policy_gradient_loss	0.00151	
value_loss	179	

rollout/		
ep_len_mean	1.36e+03	
ep_rew_mean	2.1e+03	
time/		
fps	120	
iterations	1065	
time_elapsed	4508	
total_timesteps	545280	
train/		
approx_kl	0.0041533476	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.07	
explained_variance	0.48	
learning_rate	1e-06	
loss	240	
n_updates	10640	
policy_gradient_loss	-0.0031	
value_loss	826	

rollout/		
ep_len_mean	1.35e+03	
ep_rew_mean	2.09e+03	
time/		
fps	120	
iterations	1066	
time_elapsed	4512	
total_timesteps	545792	
train/		
approx_kl	0.015516053	
clip_fraction	0.0211	
clip_range	0.2	
entropy_loss	-1.07	
explained_variance	0.73	
learning_rate	1e-06	
loss	79.3	
n_updates	10650	
policy_gradient_loss	-0.00668	

value_loss	201
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rollout/	
ep_len_mean	1.34e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1067
time_elapsed	4516
total_timesteps	546304
train/	
approx_kl	0.009679164
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.829
learning_rate	1e-06
loss	240
n_updates	10660
policy_gradient_loss	-0.00417
value_loss	341

rollout/	
ep_len_mean	1.32e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1068
time_elapsed	4521
total_timesteps	546816
train/	
approx_kl	0.0013410947
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.741
learning_rate	1e-06
loss	339
n_updates	10670
policy_gradient_loss	-0.00158
value_loss	675

rollout/	
ep_len_mean	1.31e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1069
time_elapsed	4525
total_timesteps	547328
train/	
approx_kl	0.00083059934
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-0.841
explained_variance	0.298
learning_rate	1e-06
loss	680
n_updates	10680
policy_gradient_loss	0.00106
value_loss	833

rollout/	
ep_len_mean	1.31e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1070
time_elapsed	4529
total_timesteps	547840
train/	
approx_kl	0.0073659606
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.847
explained_variance	0.449
learning_rate	1e-06
loss	220
n_updates	10690

policy_gradient_loss	-0.0033
value_loss	691

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1071
time_elapsed	4533
total_timesteps	548352
train/	
approx_kl	0.012873545
clip_fraction	0.102
clip_range	0.2
entropy_loss	-0.798
explained_variance	0.873
learning_rate	1e-06
loss	34.5
n_updates	10700
policy_gradient_loss	-0.00932
value_loss	102

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1072
time_elapsed	4537
total_timesteps	548864
train/	
approx_kl	0.00087723485
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.71
explained_variance	0.419
learning_rate	1e-06
loss	267
n_updates	10710
policy_gradient_loss	-0.00114
value_loss	503

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1073
time_elapsed	4542
total_timesteps	549376
train/	
approx_kl	0.001319227
clip_fraction	0
clip_range	0.2
entropy_loss	-0.732
explained_variance	0.708
learning_rate	1e-06
loss	27.4
n_updates	10720
policy_gradient_loss	-0.000306
value_loss	98.4

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1074
time_elapsed	4546
total_timesteps	549888
train/	
approx_kl	0.0010109065
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.777
explained_variance	0.542
learning_rate	1e-06
loss	321

n_updates	10730
policy_gradient_loss	-0.00139
value_loss	646

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1075
time_elapsed	4551
total_timesteps	550400
train/	
approx_kl	0.0038896387
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.769
explained_variance	0.693
learning_rate	1e-06
loss	45.4
n_updates	10740
policy_gradient_loss	-0.00307
value_loss	117

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1076
time_elapsed	4555
total_timesteps	550912
train/	
approx_kl	0.0018572957
clip_fraction	0.0523
clip_range	0.2
entropy_loss	-0.728
explained_variance	0.485
learning_rate	1e-06
loss	429
n_updates	10750
policy_gradient_loss	-0.000998
value_loss	745

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1077
time_elapsed	4559
total_timesteps	551424
train/	
approx_kl	0.0025127449
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.792
explained_variance	0.399
learning_rate	1e-06
loss	31.2
n_updates	10760
policy_gradient_loss	-0.000488
value_loss	187

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1078
time_elapsed	4563
total_timesteps	551936
train/	
approx_kl	0.0014942357
clip_fraction	0.0182
clip_range	0.2
entropy_loss	-0.805
explained_variance	0.889
learning_rate	1e-06

loss	25.7
n_updates	10770
policy_gradient_loss	-0.00214
value_loss	71.6

rollout/	
ep_len_mean	1.3e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1079
time_elapsed	4567
total_timesteps	552448
train/	
approx_kl	0.0024225386
clip_fraction	0.0176
clip_range	0.2
entropy_loss	-0.812
explained_variance	0.527
learning_rate	1e-06
loss	384
n_updates	10780
policy_gradient_loss	-0.00174
value_loss	611

rollout/	
ep_len_mean	1.29e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1080
time_elapsed	4572
total_timesteps	552960
train/	
approx_kl	0.0008529769
clip_fraction	0
clip_range	0.2
entropy_loss	-0.823
explained_variance	0.816
learning_rate	1e-06
loss	47.3
n_updates	10790
policy_gradient_loss	0.000185
value_loss	131

rollout/	
ep_len_mean	1.29e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1081
time_elapsed	4576
total_timesteps	553472
train/	
approx_kl	0.0034895712
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.894
explained_variance	0.42
learning_rate	1e-06
loss	203
n_updates	10800
policy_gradient_loss	-0.00408
value_loss	679

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1082
time_elapsed	4580
total_timesteps	553984
train/	
approx_kl	0.004970189
clip_fraction	0.0256
clip_range	0.2
entropy_loss	-0.927
explained_variance	0.771

learning_rate	1e-06
loss	32.3
n_updates	10810
policy_gradient_loss	-0.0042
value_loss	82.1

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1083
time_elapsed	4584
total_timesteps	554496
train/	
approx_kl	0.0025989532
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.952
explained_variance	0.868
learning_rate	1e-06
loss	115
n_updates	10820
policy_gradient_loss	-0.000469
value_loss	191

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1084
time_elapsed	4588
total_timesteps	555008
train/	
approx_kl	0.002473962
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.883
explained_variance	0.885
learning_rate	1e-06
loss	35.7
n_updates	10830
policy_gradient_loss	-0.00157
value_loss	75.7

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1085
time_elapsed	4592
total_timesteps	555520
train/	
approx_kl	0.00042382325
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.807
explained_variance	0.398
learning_rate	1e-06
loss	422
n_updates	10840
policy_gradient_loss	-0.000879
value_loss	632

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1086
time_elapsed	4596
total_timesteps	556032
train/	
approx_kl	0.0040432387
clip_fraction	0.0189
clip_range	0.2
entropy_loss	-0.876

explained_variance	0.733
learning_rate	1e-06
loss	64.7
n_updates	10850
policy_gradient_loss	-0.000781
value_loss	163

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1087
time_elapsed	4601
total_timesteps	556544
train/	
approx_kl	0.0007728194
clip_fraction	0
clip_range	0.2
entropy_loss	-0.895
explained_variance	0.102
learning_rate	1e-06
loss	265
n_updates	10860
policy_gradient_loss	-0.000111
value_loss	1.03e+03

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1088
time_elapsed	4605
total_timesteps	557056
train/	
approx_kl	0.008203052
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.926
explained_variance	0.916
learning_rate	1e-06
loss	37
n_updates	10870
policy_gradient_loss	-0.00387
value_loss	114

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1089
time_elapsed	4609
total_timesteps	557568
train/	
approx_kl	0.0010617494
clip_fraction	0
clip_range	0.2
entropy_loss	-0.837
explained_variance	0.357
learning_rate	1e-06
loss	352
n_updates	10880
policy_gradient_loss	-0.0032
value_loss	1.08e+03

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1090
time_elapsed	4613
total_timesteps	558080
train/	
approx_kl	0.0016489781
clip_fraction	0.00801
clip_range	0.2

entropy_loss	-0.754
explained_variance	0.644
learning_rate	1e-06
loss	80.2
n_updates	10890
policy_gradient_loss	0.000739
value_loss	264

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1091
time_elapsed	4617
total_timesteps	558592
train/	
approx_kl	0.0036795759
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.718
learning_rate	1e-06
loss	238
n_updates	10900
policy_gradient_loss	-0.00755
value_loss	539

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1092
time_elapsed	4621
total_timesteps	559104
train/	
approx_kl	0.00557507
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-0.807
explained_variance	0.856
learning_rate	1e-06
loss	47.4
n_updates	10910
policy_gradient_loss	-0.00292
value_loss	132

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1093
time_elapsed	4626
total_timesteps	559616
train/	
approx_kl	0.003636196
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.952
explained_variance	0.842
learning_rate	1e-06
loss	121
n_updates	10920
policy_gradient_loss	-0.00264
value_loss	287

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1094
time_elapsed	4631
total_timesteps	560128
train/	
approx_kl	0.005822299
clip_fraction	0.00215

clip_range	0.2
entropy_loss	-0.852
explained_variance	0.854
learning_rate	1e-06
loss	37.3
n_updates	10930
policy_gradient_loss	-0.00182
value_loss	114

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1095
time_elapsed	4635
total_timesteps	560640
train/	
approx_kl	0.0024232455
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.797
explained_variance	0.851
learning_rate	1e-06
loss	46.3
n_updates	10940
policy_gradient_loss	-0.00171
value_loss	146

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1096
time_elapsed	4639
total_timesteps	561152
train/	
approx_kl	0.00086450623
clip_fraction	0
clip_range	0.2
entropy_loss	-0.875
explained_variance	0.264
learning_rate	1e-06
loss	822
n_updates	10950
policy_gradient_loss	-0.000549
value_loss	1.25e+03

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1097
time_elapsed	4643
total_timesteps	561664
train/	
approx_kl	0.007470068
clip_fraction	0.0262
clip_range	0.2
entropy_loss	-0.829
explained_variance	0.568
learning_rate	1e-06
loss	42.4
n_updates	10960
policy_gradient_loss	-0.00218
value_loss	91.3

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1098
time_elapsed	4647
total_timesteps	562176
train/	
approx_kl	0.0007271728

clip_fraction	0.00723
clip_range	0.2
entropy_loss	-0.901
explained_variance	0.577
learning_rate	1e-06
loss	320
n_updates	10970
policy_gradient_loss	-0.00087
value_loss	698

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1099
time_elapsed	4652
total_timesteps	562688
train/	
approx_kl	0.0063981703
clip_fraction	0.0139
clip_range	0.2
entropy_loss	-0.843
explained_variance	0.89
learning_rate	1e-06
loss	74.7
n_updates	10980
policy_gradient_loss	-0.0047
value_loss	158

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1100
time_elapsed	4656
total_timesteps	563200
train/	
approx_kl	0.00045296235
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.899
explained_variance	0.572
learning_rate	1e-06
loss	312
n_updates	10990
policy_gradient_loss	-0.000256
value_loss	563

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1101
time_elapsed	4660
total_timesteps	563712
train/	
approx_kl	0.0016133022
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-0.877
explained_variance	0.506
learning_rate	1e-06
loss	560
n_updates	11000
policy_gradient_loss	-0.0027
value_loss	760

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1102
time_elapsed	4664
total_timesteps	564224
train/	

approx_kl	0.0067959353
clip_fraction	0.0221
clip_range	0.2
entropy_loss	-0.832
explained_variance	0.892
learning_rate	1e-06
loss	38.3
n_updates	11010
policy_gradient_loss	-0.00336
value_loss	105

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1103
time_elapsed	4669
total_timesteps	564736
train/	
approx_kl	0.0049847406
clip_fraction	0.0475
clip_range	0.2
entropy_loss	-0.85
explained_variance	0.888
learning_rate	1e-06
loss	86.2
n_updates	11020
policy_gradient_loss	-0.00629
value_loss	175

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1104
time_elapsed	4673
total_timesteps	565248
train/	
approx_kl	0.0016300011
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.707
learning_rate	1e-06
loss	450
n_updates	11030
policy_gradient_loss	-0.00163
value_loss	653

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1105
time_elapsed	4677
total_timesteps	565760
train/	
approx_kl	0.00088007783
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.903
explained_variance	0.823
learning_rate	1e-06
loss	139
n_updates	11040
policy_gradient_loss	-0.00117
value_loss	267

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1106
time_elapsed	4681
total_timesteps	566272

train/	
approx_kl	0.0020698411
clip_fraction	0
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.932
learning_rate	1e-06
loss	37.6
n_updates	11050
policy_gradient_loss	-0.00146
value_loss	211

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1107
time_elapsed	4685
total_timesteps	566784
train/	
approx_kl	0.0051843696
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-0.957
explained_variance	0.789
learning_rate	1e-06
loss	110
n_updates	11060
policy_gradient_loss	-0.00275
value_loss	214

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1108
time_elapsed	4690
total_timesteps	567296
train/	
approx_kl	0.0059382627
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.854
learning_rate	1e-06
loss	107
n_updates	11070
policy_gradient_loss	-0.00363
value_loss	376

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1109
time_elapsed	4694
total_timesteps	567808
train/	
approx_kl	0.0113051385
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-1.21
explained_variance	0.7
learning_rate	1e-06
loss	267
n_updates	11080
policy_gradient_loss	-0.0075
value_loss	662

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1110
time_elapsed	4698

total_timesteps	568320
train/	
approx_kl	0.0021042733
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.804
learning_rate	1e-06
loss	79.3
n_updates	11090
policy_gradient_loss	-0.00148
value_loss	190

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1111
time_elapsed	4702
total_timesteps	568832
train/	
approx_kl	0.013698354
clip_fraction	0.0186
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.805
learning_rate	1e-06
loss	49
n_updates	11100
policy_gradient_loss	-0.00593
value_loss	107

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1112
time_elapsed	4706
total_timesteps	569344
train/	
approx_kl	0.0005856096
clip_fraction	0
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.555
learning_rate	1e-06
loss	121
n_updates	11110
policy_gradient_loss	-0.00055
value_loss	542

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1113
time_elapsed	4711
total_timesteps	569856
train/	
approx_kl	0.012926471
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-1
explained_variance	0.818
learning_rate	1e-06
loss	102
n_updates	11120
policy_gradient_loss	-0.00568
value_loss	211

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1114

time_elapsed	4716
total_timesteps	570368
train/	
approx_kl	0.0038028513
clip_fraction	0
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.914
learning_rate	1e-06
loss	49.1
n_updates	11130
policy_gradient_loss	-0.00165
value_loss	138

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1115
time_elapsed	4720
total_timesteps	570880
train/	
approx_kl	0.003996947
clip_fraction	0.0236
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.636
learning_rate	1e-06
loss	238
n_updates	11140
policy_gradient_loss	0.00297
value_loss	853

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1116
time_elapsed	4724
total_timesteps	571392
train/	
approx_kl	0.004445058
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.985
explained_variance	0.78
learning_rate	1e-06
loss	43.1
n_updates	11150
policy_gradient_loss	0.00101
value_loss	191

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1117
time_elapsed	4728
total_timesteps	571904
train/	
approx_kl	0.008832594
clip_fraction	0.024
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.923
learning_rate	1e-06
loss	130
n_updates	11160
policy_gradient_loss	-0.00677
value_loss	249

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120

iterations	1118
time_elapsed	4732
total_timesteps	572416
train/	
approx_kl	0.010406306
clip_fraction	0.0336
clip_range	0.2
entropy_loss	-0.979
explained_variance	0.894
learning_rate	1e-06
loss	170
n_updates	11170
policy_gradient_loss	-0.00472
value_loss	219

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1119
time_elapsed	4737
total_timesteps	572928
train/	
approx_kl	0.0019890582
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.963
explained_variance	0.909
learning_rate	1e-06
loss	73.4
n_updates	11180
policy_gradient_loss	-0.00215
value_loss	172

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1120
time_elapsed	4741
total_timesteps	573440
train/	
approx_kl	0.0029856097
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.979
explained_variance	0.625
learning_rate	1e-06
loss	152
n_updates	11190
policy_gradient_loss	-0.0035
value_loss	424

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1121
time_elapsed	4745
total_timesteps	573952
train/	
approx_kl	0.0018984694
clip_fraction	0
clip_range	0.2
entropy_loss	-0.999
explained_variance	0.811
learning_rate	1e-06
loss	154
n_updates	11200
policy_gradient_loss	0.000134
value_loss	249

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	

fps	120
iterations	1122
time_elapsed	4749
total_timesteps	574464
train/	
approx_kl	0.002147856
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.914
learning_rate	1e-06
loss	103
n_updates	11210
policy_gradient_loss	-0.00115
value_loss	271

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1123
time_elapsed	4753
total_timesteps	574976
train/	
approx_kl	0.00853337
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.947
explained_variance	0.841
learning_rate	1e-06
loss	124
n_updates	11220
policy_gradient_loss	-0.00411
value_loss	318

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1124
time_elapsed	4758
total_timesteps	575488
train/	
approx_kl	0.002897323
clip_fraction	0.00723
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.863
learning_rate	1e-06
loss	47.1
n_updates	11230
policy_gradient_loss	-0.000664
value_loss	137

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1125
time_elapsed	4762
total_timesteps	576000
train/	
approx_kl	0.010559416
clip_fraction	0.0207
clip_range	0.2
entropy_loss	-0.876
explained_variance	0.834
learning_rate	1e-06
loss	55.2
n_updates	11240
policy_gradient_loss	-0.00426
value_loss	136

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.02e+03

time/	
fps	120
iterations	1126
time_elapsed	4766
total_timesteps	576512
train/	
approx_kl	0.0032156787
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-0.838
explained_variance	0.36
learning_rate	1e-06
loss	199
n_updates	11250
policy_gradient_loss	-0.000217
value_loss	515

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1127
time_elapsed	4770
total_timesteps	577024
train/	
approx_kl	0.0020597298
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.879
learning_rate	1e-06
loss	82
n_updates	11260
policy_gradient_loss	-0.00114
value_loss	161

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1128
time_elapsed	4774
total_timesteps	577536
train/	
approx_kl	0.0030929456
clip_fraction	0.015
clip_range	0.2
entropy_loss	-0.84
explained_variance	0.468
learning_rate	1e-06
loss	523
n_updates	11270
policy_gradient_loss	0.00025
value_loss	1.05e+03

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1129
time_elapsed	4779
total_timesteps	578048
train/	
approx_kl	0.0073055197
clip_fraction	0.0301
clip_range	0.2
entropy_loss	-0.721
explained_variance	0.703
learning_rate	1e-06
loss	39.8
n_updates	11280
policy_gradient_loss	-0.0031
value_loss	129

rollout/	
ep_len_mean	1.27e+03

ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1130
time_elapsed	4783
total_timesteps	578560
train/	
approx_kl	0.0032601913
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.652
explained_variance	0.66
learning_rate	1e-06
loss	62.9
n_updates	11290
policy_gradient_loss	-0.00374
value_loss	167

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1131
time_elapsed	4787
total_timesteps	579072
train/	
approx_kl	0.00044939807
clip_fraction	0
clip_range	0.2
entropy_loss	-0.621
explained_variance	0.803
learning_rate	1e-06
loss	137
n_updates	11300
policy_gradient_loss	-0.000972
value_loss	296

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1132
time_elapsed	4791
total_timesteps	579584
train/	
approx_kl	0.0007720542
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.593
explained_variance	0.902
learning_rate	1e-06
loss	30.6
n_updates	11310
policy_gradient_loss	-0.000661
value_loss	97.4

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1133
time_elapsed	4796
total_timesteps	580096
train/	
approx_kl	0.0019711747
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.651
explained_variance	0.804
learning_rate	1e-06
loss	72
n_updates	11320
policy_gradient_loss	0.00114
value_loss	226

rollout/	
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ep_len_mean	1.27e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1134
time_elapsed	4801
total_timesteps	580608
train/	
approx_kl	0.00060299935
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.611
explained_variance	0.224
learning_rate	1e-06
loss	480
n_updates	11330
policy_gradient_loss	-0.00169
value_loss	1.19e+03

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1135
time_elapsed	4805
total_timesteps	581120
train/	
approx_kl	0.00062507973
clip_fraction	0
clip_range	0.2
entropy_loss	-0.637
explained_variance	0.75
learning_rate	1e-06
loss	70
n_updates	11340
policy_gradient_loss	0.00164
value_loss	293

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1136
time_elapsed	4809
total_timesteps	581632
train/	
approx_kl	0.0047553405
clip_fraction	0.0559
clip_range	0.2
entropy_loss	-0.545
explained_variance	0.267
learning_rate	1e-06
loss	328
n_updates	11350
policy_gradient_loss	-0.00784
value_loss	880

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1137
time_elapsed	4813
total_timesteps	582144
train/	
approx_kl	0.0049902936
clip_fraction	0.0254
clip_range	0.2
entropy_loss	-0.676
explained_variance	0.857
learning_rate	1e-06
loss	86.5
n_updates	11360
policy_gradient_loss	-0.00363
value_loss	185

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1138
time_elapsed	4818
total_timesteps	582656
train/	
approx_kl	0.0005363958
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.677
explained_variance	0.685
learning_rate	1e-06
loss	555
n_updates	11370
policy_gradient_loss	-0.0011
value_loss	619

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1139
time_elapsed	4822
total_timesteps	583168
train/	
approx_kl	0.0012802652
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.765
explained_variance	0.515
learning_rate	1e-06
loss	665
n_updates	11380
policy_gradient_loss	0.000287
value_loss	1.23e+03

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1140
time_elapsed	4826
total_timesteps	583680
train/	
approx_kl	0.0010629796
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.628
explained_variance	0.649
learning_rate	1e-06
loss	83.7
n_updates	11390
policy_gradient_loss	0.000686
value_loss	186

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1141
time_elapsed	4830
total_timesteps	584192
train/	
approx_kl	0.0017215816
clip_fraction	0
clip_range	0.2
entropy_loss	-0.807
explained_variance	0.797
learning_rate	1e-06
loss	287
n_updates	11400
policy_gradient_loss	-0.00146
value_loss	594

rollout/		
ep_len_mean		1.26e+03
ep_rew_mean		2.07e+03
time/		
fps		120
iterations		1142
time_elapsed		4834
total_timesteps		584704
train/		
approx_kl		0.0020135487
clip_fraction		0.0104
clip_range		0.2
entropy_loss		-0.634
explained_variance		0.812
learning_rate		1e-06
loss		102
n_updates		11410
policy_gradient_loss		0.000792
value_loss		185

rollout/		
ep_len_mean		1.26e+03
ep_rew_mean		2.07e+03
time/		
fps		120
iterations		1143
time_elapsed		4839
total_timesteps		585216
train/		
approx_kl		0.002355861
clip_fraction		0.043
clip_range		0.2
entropy_loss		-0.589
explained_variance		0.429
learning_rate		1e-06
loss		209
n_updates		11420
policy_gradient_loss		-0.00262
value_loss		824

rollout/		
ep_len_mean		1.25e+03
ep_rew_mean		2.07e+03
time/		
fps		120
iterations		1144
time_elapsed		4843
total_timesteps		585728
train/		
approx_kl		0.0041394914
clip_fraction		0.026
clip_range		0.2
entropy_loss		-0.593
explained_variance		0.889
learning_rate		1e-06
loss		64
n_updates		11430
policy_gradient_loss		-0.00451
value_loss		118

rollout/		
ep_len_mean		1.25e+03
ep_rew_mean		2.07e+03
time/		
fps		120
iterations		1145
time_elapsed		4847
total_timesteps		586240
train/		
approx_kl		0.0006826436
clip_fraction		0.000391
clip_range		0.2
entropy_loss		-0.632
explained_variance		0.256
learning_rate		1e-06
loss		644
n_updates		11440
policy_gradient_loss		0.000272
value_loss		1.08e+03

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.06e+03	
time/		
fps	120	
iterations	1146	
time_elapsed	4851	
total_timesteps	586752	
train/		
approx_kl	0.00090643275	
clip_fraction	0.000586	
clip_range	0.2	
entropy_loss	-0.615	
explained_variance	0.691	
learning_rate	1e-06	
loss	77.7	
n_updates	11450	
policy_gradient_loss	-0.00115	
value_loss	223	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.06e+03	
time/		
fps	120	
iterations	1147	
time_elapsed	4855	
total_timesteps	587264	
train/		
approx_kl	0.004666265	
clip_fraction	0.0883	
clip_range	0.2	
entropy_loss	-0.711	
explained_variance	0.561	
learning_rate	1e-06	
loss	262	
n_updates	11460	
policy_gradient_loss	-0.0069	
value_loss	778	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.05e+03	
time/		
fps	120	
iterations	1148	
time_elapsed	4860	
total_timesteps	587776	
train/		
approx_kl	0.0049766335	
clip_fraction	0.0227	
clip_range	0.2	
entropy_loss	-0.753	
explained_variance	0.817	
learning_rate	1e-06	
loss	84.6	
n_updates	11470	
policy_gradient_loss	-0.00147	
value_loss	232	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.05e+03	
time/		
fps	120	
iterations	1149	
time_elapsed	4864	
total_timesteps	588288	
train/		
approx_kl	0.0030190255	
clip_fraction	0.00273	
clip_range	0.2	
entropy_loss	-0.848	
explained_variance	0.858	
learning_rate	1e-06	
loss	160	
n_updates	11480	
policy_gradient_loss	-0.0019	

value_loss	320
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rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1150
time_elapsed	4868
total_timesteps	588800
train/	
approx_kl	0.005694477
clip_fraction	0.0602
clip_range	0.2
entropy_loss	-0.818
explained_variance	0.877
learning_rate	1e-06
loss	80
n_updates	11490
policy_gradient_loss	-0.00751
value_loss	185

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1151
time_elapsed	4872
total_timesteps	589312
train/	
approx_kl	0.0059995498
clip_fraction	0.0205
clip_range	0.2
entropy_loss	-0.854
explained_variance	0.861
learning_rate	1e-06
loss	75
n_updates	11500
policy_gradient_loss	-0.00347
value_loss	169

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1152
time_elapsed	4877
total_timesteps	589824
train/	
approx_kl	0.0015132918
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.83
explained_variance	0.534
learning_rate	1e-06
loss	253
n_updates	11510
policy_gradient_loss	0.00238
value_loss	511

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1153
time_elapsed	4883
total_timesteps	590336
train/	
approx_kl	0.008686526
clip_fraction	0.0557
clip_range	0.2
entropy_loss	-1.29
explained_variance	0.828
learning_rate	1e-06
loss	86.2
n_updates	11520

policy_gradient_loss	-0.0058
value_loss	421

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1154
time_elapsed	4887
total_timesteps	590848
train/	
approx_kl	0.0033525373
clip_fraction	0
clip_range	0.2
entropy_loss	-1.74
explained_variance	-7.57
learning_rate	1e-06
loss	0.851
n_updates	11530
policy_gradient_loss	-0.00347
value_loss	5.34

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1155
time_elapsed	4891
total_timesteps	591360
train/	
approx_kl	0.0030231783
clip_fraction	0
clip_range	0.2
entropy_loss	-1.74
explained_variance	-3.39
learning_rate	1e-06
loss	0.45
n_updates	11540
policy_gradient_loss	-0.00296
value_loss	1.49

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1156
time_elapsed	4895
total_timesteps	591872
train/	
approx_kl	0.006372813
clip_fraction	0.0219
clip_range	0.2
entropy_loss	-1.63
explained_variance	0.337
learning_rate	1e-06
loss	128
n_updates	11550
policy_gradient_loss	0.00196
value_loss	368

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1157
time_elapsed	4899
total_timesteps	592384
train/	
approx_kl	0.0050842036
clip_fraction	0.0187
clip_range	0.2
entropy_loss	-1.53
explained_variance	0.112
learning_rate	1e-06
loss	139

n_updates	11560
policy_gradient_loss	0.00455
value_loss	386

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1158
time_elapsed	4904
total_timesteps	592896
train/	
approx_kl	0.0028198946
clip_fraction	0
clip_range	0.2
entropy_loss	-1.35
explained_variance	0.961
learning_rate	1e-06
loss	86.1
n_updates	11570
policy_gradient_loss	-0.0016
value_loss	315

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1159
time_elapsed	4908
total_timesteps	593408
train/	
approx_kl	0.0022243387
clip_fraction	0.0283
clip_range	0.2
entropy_loss	-0.623
explained_variance	0.799
learning_rate	1e-06
loss	51.4
n_updates	11580
policy_gradient_loss	-0.000744
value_loss	234

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1160
time_elapsed	4912
total_timesteps	593920
train/	
approx_kl	0.0005352221
clip_fraction	0
clip_range	0.2
entropy_loss	-0.554
explained_variance	0.867
learning_rate	1e-06
loss	72.9
n_updates	11590
policy_gradient_loss	-0.000555
value_loss	209

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1161
time_elapsed	4916
total_timesteps	594432
train/	
approx_kl	0.0025107744
clip_fraction	0.0113
clip_range	0.2
entropy_loss	-0.545
explained_variance	0.368
learning_rate	1e-06

loss	207
n_updates	11600
policy_gradient_loss	-0.00173
value_loss	1.02e+03

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1162
time_elapsed	4921
total_timesteps	594944
train/	
approx_kl	0.0014176976
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.617
explained_variance	0.86
learning_rate	1e-06
loss	56.5
n_updates	11610
policy_gradient_loss	6.03e-05
value_loss	143

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1163
time_elapsed	4925
total_timesteps	595456
train/	
approx_kl	0.0007001044
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.63
explained_variance	0.471
learning_rate	1e-06
loss	199
n_updates	11620
policy_gradient_loss	-0.000945
value_loss	852

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1164
time_elapsed	4929
total_timesteps	595968
train/	
approx_kl	0.0013923254
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.606
explained_variance	0.87
learning_rate	1e-06
loss	91.6
n_updates	11630
policy_gradient_loss	-0.00283
value_loss	213

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1165
time_elapsed	4933
total_timesteps	596480
train/	
approx_kl	0.00092564384
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.67
explained_variance	0.815

learning_rate	1e-06
loss	91.7
n_updates	11640
policy_gradient_loss	0.000782
value_loss	262

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1166
time_elapsed	4937
total_timesteps	596992
train/	
approx_kl	0.0017660193
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.627
explained_variance	0.353
learning_rate	1e-06
loss	288
n_updates	11650
policy_gradient_loss	0.000838
value_loss	884

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1167
time_elapsed	4942
total_timesteps	597504
train/	
approx_kl	0.0042784745
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.715
explained_variance	0.635
learning_rate	1e-06
loss	218
n_updates	11660
policy_gradient_loss	-0.000991
value_loss	462

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1168
time_elapsed	4946
total_timesteps	598016
train/	
approx_kl	0.004736755
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.71
explained_variance	0.776
learning_rate	1e-06
loss	85.5
n_updates	11670
policy_gradient_loss	-0.00515
value_loss	390

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1169
time_elapsed	4950
total_timesteps	598528
train/	
approx_kl	0.002436305
clip_fraction	0
clip_range	0.2
entropy_loss	-0.625

explained_variance	0.88
learning_rate	1e-06
loss	62
n_updates	11680
policy_gradient_loss	-0.00219
value_loss	160

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1170
time_elapsed	4955
total_timesteps	599040
train/	
approx_kl	0.0015179344
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.652
explained_variance	0.67
learning_rate	1e-06
loss	522
n_updates	11690
policy_gradient_loss	-0.00315
value_loss	660

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1171
time_elapsed	4959
total_timesteps	599552
train/	
approx_kl	0.0044802492
clip_fraction	0.0236
clip_range	0.2
entropy_loss	-0.655
explained_variance	0.875
learning_rate	1e-06
loss	61.5
n_updates	11700
policy_gradient_loss	-0.00564
value_loss	159

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1172
time_elapsed	4965
total_timesteps	600064
train/	
approx_kl	0.0017132476
clip_fraction	0
clip_range	0.2
entropy_loss	-0.73
explained_variance	0.657
learning_rate	1e-06
loss	710
n_updates	11710
policy_gradient_loss	-0.000182
value_loss	653

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1173
time_elapsed	4969
total_timesteps	600576
train/	
approx_kl	0.0005037063
clip_fraction	0
clip_range	0.2

entropy_loss	-0.63
explained_variance	0.859
learning_rate	1e-06
loss	100
n_updates	11720
policy_gradient_loss	0.00131
value_loss	214

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1174
time_elapsed	4973
total_timesteps	601088
train/	
approx_kl	0.001101943
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.572
explained_variance	0.561
learning_rate	1e-06
loss	283
n_updates	11730
policy_gradient_loss	-1.38e-06
value_loss	617

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1175
time_elapsed	4978
total_timesteps	601600
train/	
approx_kl	0.00022223464
clip_fraction	0
clip_range	0.2
entropy_loss	-0.599
explained_variance	0.685
learning_rate	1e-06
loss	333
n_updates	11740
policy_gradient_loss	0.000519
value_loss	727

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1176
time_elapsed	4982
total_timesteps	602112
train/	
approx_kl	0.0013149597
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.646
explained_variance	0.848
learning_rate	1e-06
loss	85.6
n_updates	11750
policy_gradient_loss	-0.00107
value_loss	214

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1177
time_elapsed	4986
total_timesteps	602624
train/	
approx_kl	0.0015547659
clip_fraction	0.000586

clip_range	0.2
entropy_loss	-0.673
explained_variance	0.893
learning_rate	1e-06
loss	84.4
n_updates	11760
policy_gradient_loss	-0.0026
value_loss	176

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1178
time_elapsed	4990
total_timesteps	603136
train/	
approx_kl	0.0005974951
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.624
explained_variance	0.329
learning_rate	1e-06
loss	748
n_updates	11770
policy_gradient_loss	0.00166
value_loss	867

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1179
time_elapsed	4994
total_timesteps	603648
train/	
approx_kl	0.0026300559
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.648
explained_variance	0.851
learning_rate	1e-06
loss	60.9
n_updates	11780
policy_gradient_loss	-0.00292
value_loss	155

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1180
time_elapsed	4999
total_timesteps	604160
train/	
approx_kl	0.0004603119
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.523
explained_variance	0.746
learning_rate	1e-06
loss	42
n_updates	11790
policy_gradient_loss	0.000306
value_loss	155

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1181
time_elapsed	5003
total_timesteps	604672
train/	
approx_kl	0.00054679636

clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.58
explained_variance	0.357
learning_rate	1e-06
loss	356
n_updates	11800
policy_gradient_loss	0.000711
value_loss	790

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1182
time_elapsed	5007
total_timesteps	605184
train/	
approx_kl	0.0013350154
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.579
explained_variance	0.911
learning_rate	1e-06
loss	50
n_updates	11810
policy_gradient_loss	-0.000416
value_loss	102

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1183
time_elapsed	5011
total_timesteps	605696
train/	
approx_kl	0.0005642938
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.624
explained_variance	0.914
learning_rate	1e-06
loss	43.7
n_updates	11820
policy_gradient_loss	-0.000379
value_loss	111

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1184
time_elapsed	5016
total_timesteps	606208
train/	
approx_kl	0.00027094595
clip_fraction	0
clip_range	0.2
entropy_loss	-0.602
explained_variance	0.502
learning_rate	1e-06
loss	336
n_updates	11830
policy_gradient_loss	-0.000685
value_loss	686

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1185
time_elapsed	5020
total_timesteps	606720
train/	

approx_kl	0.0014406802
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.605
explained_variance	0.274
learning_rate	1e-06
loss	104
n_updates	11840
policy_gradient_loss	-0.00235
value_loss	286

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1186
time_elapsed	5024
total_timesteps	607232
train/	
approx_kl	0.0011060188
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.683
explained_variance	0.773
learning_rate	1e-06
loss	154
n_updates	11850
policy_gradient_loss	0.00171
value_loss	362

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1187
time_elapsed	5028
total_timesteps	607744
train/	
approx_kl	0.0035027894
clip_fraction	0.017
clip_range	0.2
entropy_loss	-0.577
explained_variance	0.88
learning_rate	1e-06
loss	65.2
n_updates	11860
policy_gradient_loss	-0.00432
value_loss	189

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1188
time_elapsed	5032
total_timesteps	608256
train/	
approx_kl	0.0014260245
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.513
explained_variance	0.85
learning_rate	1e-06
loss	88.9
n_updates	11870
policy_gradient_loss	-0.000977
value_loss	217

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1189
time_elapsed	5037
total_timesteps	608768

train/	
approx_kl	0.0016522522
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.52
explained_variance	0.682
learning_rate	1e-06
loss	79.7
n_updates	11880
policy_gradient_loss	-0.00156
value_loss	403

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1190
time_elapsed	5041
total_timesteps	609280
train/	
approx_kl	0.0025690356
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.495
explained_variance	0.799
learning_rate	1e-06
loss	66.8
n_updates	11890
policy_gradient_loss	-0.0014
value_loss	173

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1191
time_elapsed	5045
total_timesteps	609792
train/	
approx_kl	0.00088000286
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.595
explained_variance	0.931
learning_rate	1e-06
loss	68.9
n_updates	11900
policy_gradient_loss	-0.00104
value_loss	243

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1192
time_elapsed	5050
total_timesteps	610304
train/	
approx_kl	0.0016035856
clip_fraction	0.0125
clip_range	0.2
entropy_loss	-0.454
explained_variance	0.886
learning_rate	1e-06
loss	57.1
n_updates	11910
policy_gradient_loss	0.00069
value_loss	151

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1193
time_elapsed	5054

total_timesteps	610816
train/	
approx_kl	0.0013397627
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.435
explained_variance	0.762
learning_rate	1e-06
loss	191
n_updates	11920
policy_gradient_loss	-0.00231
value_loss	571

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1194
time_elapsed	5059
total_timesteps	611328
train/	
approx_kl	0.00043483172
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.526
explained_variance	0.84
learning_rate	1e-06
loss	93.4
n_updates	11930
policy_gradient_loss	0.00144
value_loss	265

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1195
time_elapsed	5063
total_timesteps	611840
train/	
approx_kl	0.0005244785
clip_fraction	0
clip_range	0.2
entropy_loss	-0.51
explained_variance	0.928
learning_rate	1e-06
loss	46
n_updates	11940
policy_gradient_loss	0.000771
value_loss	169

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1196
time_elapsed	5067
total_timesteps	612352
train/	
approx_kl	0.0019903928
clip_fraction	0.016
clip_range	0.2
entropy_loss	-0.437
explained_variance	0.652
learning_rate	1e-06
loss	772
n_updates	11950
policy_gradient_loss	-0.00286
value_loss	875

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1197

time_elapsed	5071
total_timesteps	612864
train/	
approx_kl	0.00066356757
clip_fraction	0
clip_range	0.2
entropy_loss	-0.569
explained_variance	0.674
learning_rate	1e-06
loss	116
n_updates	11960
policy_gradient_loss	-0.000948
value_loss	296

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1198
time_elapsed	5076
total_timesteps	613376
train/	
approx_kl	0.0006288185
clip_fraction	0
clip_range	0.2
entropy_loss	-0.672
explained_variance	0.812
learning_rate	1e-06
loss	124
n_updates	11970
policy_gradient_loss	-0.00113
value_loss	286

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1199
time_elapsed	5081
total_timesteps	613888
train/	
approx_kl	0.003119298
clip_fraction	0.0125
clip_range	0.2
entropy_loss	-0.853
explained_variance	0.736
learning_rate	1e-06
loss	155
n_updates	11980
policy_gradient_loss	0.00358
value_loss	490

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1200
time_elapsed	5085
total_timesteps	614400
train/	
approx_kl	0.0023170097
clip_fraction	0
clip_range	0.2
entropy_loss	-1.64
explained_variance	0.455
learning_rate	1e-06
loss	1.85
n_updates	11990
policy_gradient_loss	-0.00314
value_loss	11.4

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120

iterations	1201
time_elapsed	5089
total_timesteps	614912
train/	
approx_kl	0.015371911
clip_fraction	0.0547
clip_range	0.2
entropy_loss	-1.49
explained_variance	0.677
learning_rate	1e-06
loss	129
n_updates	12000
policy_gradient_loss	0.00488
value_loss	470

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1202
time_elapsed	5093
total_timesteps	615424
train/	
approx_kl	0.011196807
clip_fraction	0.0266
clip_range	0.2
entropy_loss	-1.24
explained_variance	0.577
learning_rate	1e-06
loss	86.6
n_updates	12010
policy_gradient_loss	0.000484
value_loss	256

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1203
time_elapsed	5098
total_timesteps	615936
train/	
approx_kl	0.001828814
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.831
learning_rate	1e-06
loss	60.8
n_updates	12020
policy_gradient_loss	-0.00175
value_loss	172

rollout/	
ep_len_mean	1.29e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1204
time_elapsed	5102
total_timesteps	616448
train/	
approx_kl	0.005934592
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-1.36
explained_variance	0.315
learning_rate	1e-06
loss	10.7
n_updates	12030
policy_gradient_loss	-0.00222
value_loss	53.1

rollout/	
ep_len_mean	1.29e+03
ep_rew_mean	2.09e+03
time/	

fps	120
iterations	1205
time_elapsed	5106
total_timesteps	616960
train/	
approx_kl	0.0013047557
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.945
learning_rate	1e-06
loss	194
n_updates	12040
policy_gradient_loss	-0.00153
value_loss	323

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1206
time_elapsed	5110
total_timesteps	617472
train/	
approx_kl	0.0004098392
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.26
explained_variance	0.938
learning_rate	1e-06
loss	28.5
n_updates	12050
policy_gradient_loss	-0.000586
value_loss	106

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1207
time_elapsed	5114
total_timesteps	617984
train/	
approx_kl	0.0007833814
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.334
explained_variance	0.779
learning_rate	1e-06
loss	442
n_updates	12060
policy_gradient_loss	-0.000263
value_loss	571

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1208
time_elapsed	5119
total_timesteps	618496
train/	
approx_kl	0.00014398887
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.294
explained_variance	0.893
learning_rate	1e-06
loss	62.2
n_updates	12070
policy_gradient_loss	-0.000565
value_loss	224

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03

time/	
fps	120
iterations	1209
time_elapsed	5123
total_timesteps	619008
train/	
approx_kl	0.0031749539
clip_fraction	0.0336
clip_range	0.2
entropy_loss	-0.341
explained_variance	0.344
learning_rate	1e-06
loss	359
n_updates	12080
policy_gradient_loss	0.000567
value_loss	1.3e+03

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1210
time_elapsed	5127
total_timesteps	619520
train/	
approx_kl	0.0008098772
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.501
explained_variance	0.904
learning_rate	1e-06
loss	140
n_updates	12090
policy_gradient_loss	0.000207
value_loss	291

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1211
time_elapsed	5132
total_timesteps	620032
train/	
approx_kl	0.0005578245
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.389
explained_variance	0.916
learning_rate	1e-06
loss	120
n_updates	12100
policy_gradient_loss	-0.000339
value_loss	190

rollout/	
ep_len_mean	1.28e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1212
time_elapsed	5137
total_timesteps	620544
train/	
approx_kl	0.0009319555
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.466
explained_variance	0.782
learning_rate	1e-06
loss	210
n_updates	12110
policy_gradient_loss	-0.000664
value_loss	415

rollout/	
ep_len_mean	1.27e+03

ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1213
time_elapsed	5141
total_timesteps	621056
train/	
approx_kl	0.00023344229
clip_fraction	0
clip_range	0.2
entropy_loss	-0.374
explained_variance	0.649
learning_rate	1e-06
loss	512
n_updates	12120
policy_gradient_loss	-0.000879
value_loss	602

rollout/	
ep_len_mean	1.27e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1214
time_elapsed	5145
total_timesteps	621568
train/	
approx_kl	0.0023369305
clip_fraction	0.0174
clip_range	0.2
entropy_loss	-0.449
explained_variance	0.573
learning_rate	1e-06
loss	338
n_updates	12130
policy_gradient_loss	-0.00375
value_loss	1.03e+03

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1215
time_elapsed	5149
total_timesteps	622080
train/	
approx_kl	0.0039008989
clip_fraction	0.0258
clip_range	0.2
entropy_loss	-0.398
explained_variance	0.882
learning_rate	1e-06
loss	47.1
n_updates	12140
policy_gradient_loss	-0.00607
value_loss	104

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1216
time_elapsed	5153
total_timesteps	622592
train/	
approx_kl	0.0007723385
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.389
explained_variance	0.449
learning_rate	1e-06
loss	195
n_updates	12150
policy_gradient_loss	0.000515
value_loss	851

rollout/	
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ep_len_mean	1.26e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1217
time_elapsed	5158
total_timesteps	623104
train/	
approx_kl	0.0031521423
clip_fraction	0.0203
clip_range	0.2
entropy_loss	-0.512
explained_variance	0.885
learning_rate	1e-06
loss	35.7
n_updates	12160
policy_gradient_loss	-0.00296
value_loss	106

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1218
time_elapsed	5162
total_timesteps	623616
train/	
approx_kl	0.0025383858
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.507
explained_variance	0.892
learning_rate	1e-06
loss	73.3
n_updates	12170
policy_gradient_loss	-0.00131
value_loss	241

rollout/	
ep_len_mean	1.26e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1219
time_elapsed	5166
total_timesteps	624128
train/	
approx_kl	0.00018620095
clip_fraction	0
clip_range	0.2
entropy_loss	-0.585
explained_variance	0.872
learning_rate	1e-06
loss	256
n_updates	12180
policy_gradient_loss	-0.000234
value_loss	439

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1220
time_elapsed	5170
total_timesteps	624640
train/	
approx_kl	0.0032654086
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.562
explained_variance	0.944
learning_rate	1e-06
loss	50.5
n_updates	12190
policy_gradient_loss	-0.00261
value_loss	117

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1221
time_elapsed	5174
total_timesteps	625152
train/	
approx_kl	0.00045761303
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.296
explained_variance	0.909
learning_rate	1e-06
loss	55.4
n_updates	12200
policy_gradient_loss	-0.00158
value_loss	127

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1222
time_elapsed	5179
total_timesteps	625664
train/	
approx_kl	0.00013691641
clip_fraction	0
clip_range	0.2
entropy_loss	-0.348
explained_variance	0.666
learning_rate	1e-06
loss	844
n_updates	12210
policy_gradient_loss	-0.000302
value_loss	701

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1223
time_elapsed	5183
total_timesteps	626176
train/	
approx_kl	0.00096355705
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.336
explained_variance	0.698
learning_rate	1e-06
loss	305
n_updates	12220
policy_gradient_loss	-0.00141
value_loss	588

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1224
time_elapsed	5187
total_timesteps	626688
train/	
approx_kl	0.0010025438
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.431
explained_variance	0.9
learning_rate	1e-06
loss	56.4
n_updates	12230
policy_gradient_loss	-0.0015
value_loss	154

rollout/		
ep_len_mean		1.23e+03
ep_rew_mean		2e+03
time/		
fps		120
iterations		1225
time_elapsed		5191
total_timesteps		627200
train/		
approx_kl		0.0033136583
clip_fraction		0.00234
clip_range		0.2
entropy_loss		-0.515
explained_variance		0.872
learning_rate		1e-06
loss		178
n_updates		12240
policy_gradient_loss		-0.00319
value_loss		521

rollout/		
ep_len_mean		1.23e+03
ep_rew_mean		2e+03
time/		
fps		120
iterations		1226
time_elapsed		5196
total_timesteps		627712
train/		
approx_kl		0.0018252535
clip_fraction		0.0164
clip_range		0.2
entropy_loss		-0.444
explained_variance		0.769
learning_rate		1e-06
loss		134
n_updates		12250
policy_gradient_loss		-0.00498
value_loss		462

rollout/		
ep_len_mean		1.23e+03
ep_rew_mean		2e+03
time/		
fps		120
iterations		1227
time_elapsed		5200
total_timesteps		628224
train/		
approx_kl		0.0023196535
clip_fraction		0.0148
clip_range		0.2
entropy_loss		-0.452
explained_variance		0.623
learning_rate		1e-06
loss		109
n_updates		12260
policy_gradient_loss		0.000274
value_loss		347

rollout/		
ep_len_mean		1.24e+03
ep_rew_mean		2.02e+03
time/		
fps		120
iterations		1228
time_elapsed		5204
total_timesteps		628736
train/		
approx_kl		0.0025867263
clip_fraction		0.0193
clip_range		0.2
entropy_loss		-0.546
explained_variance		0.906
learning_rate		1e-06
loss		66.6
n_updates		12270
policy_gradient_loss		-0.00241
value_loss		149

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.02e+03	
time/		
fps	120	
iterations	1229	
time_elapsed	5208	
total_timesteps	629248	
train/		
approx_kl	0.00072797725	
clip_fraction	0.00176	
clip_range	0.2	
entropy_loss	-0.468	
explained_variance	0.643	
learning_rate	1e-06	
loss	416	
n_updates	12280	
policy_gradient_loss	-0.000835	
value_loss	599	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.02e+03	
time/		
fps	120	
iterations	1230	
time_elapsed	5212	
total_timesteps	629760	
train/		
approx_kl	0.0018065001	
clip_fraction	0.000391	
clip_range	0.2	
entropy_loss	-0.601	
explained_variance	0.858	
learning_rate	1e-06	
loss	99.8	
n_updates	12290	
policy_gradient_loss	-0.0019	
value_loss	261	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.02e+03	
time/		
fps	120	
iterations	1231	
time_elapsed	5218	
total_timesteps	630272	
train/		
approx_kl	0.0004600084	
clip_fraction	0.000977	
clip_range	0.2	
entropy_loss	-0.585	
explained_variance	0.727	
learning_rate	1e-06	
loss	414	
n_updates	12300	
policy_gradient_loss	7.53e-05	
value_loss	862	

rollout/		
ep_len_mean	1.24e+03	
ep_rew_mean	2.03e+03	
time/		
fps	120	
iterations	1232	
time_elapsed	5222	
total_timesteps	630784	
train/		
approx_kl	0.0029182476	
clip_fraction	0.00449	
clip_range	0.2	
entropy_loss	-0.517	
explained_variance	0.898	
learning_rate	1e-06	
loss	151	
n_updates	12310	
policy_gradient_loss	-0.00303	

value_loss	272
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rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1233
time_elapsed	5226
total_timesteps	631296
train/	
approx_kl	0.00095047604
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.393
explained_variance	0.397
learning_rate	1e-06
loss	714
n_updates	12320
policy_gradient_loss	-0.00132
value_loss	843

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1234
time_elapsed	5230
total_timesteps	631808
train/	
approx_kl	0.0012398629
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.51
explained_variance	0.915
learning_rate	1e-06
loss	49
n_updates	12330
policy_gradient_loss	0.000549
value_loss	214

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1235
time_elapsed	5234
total_timesteps	632320
train/	
approx_kl	0.0010190463
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.471
explained_variance	0.776
learning_rate	1e-06
loss	318
n_updates	12340
policy_gradient_loss	-0.00207
value_loss	568

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1236
time_elapsed	5239
total_timesteps	632832
train/	
approx_kl	0.00034604082
clip_fraction	0
clip_range	0.2
entropy_loss	-0.508
explained_variance	0.879
learning_rate	1e-06
loss	62
n_updates	12350

policy_gradient_loss	-0.000669
value_loss	155

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1237
time_elapsed	5243
total_timesteps	633344
train/	
approx_kl	0.0027835271
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.589
explained_variance	0.964
learning_rate	1e-06
loss	42
n_updates	12360
policy_gradient_loss	-0.00101
value_loss	134

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1238
time_elapsed	5247
total_timesteps	633856
train/	
approx_kl	0.002039303
clip_fraction	0.0199
clip_range	0.2
entropy_loss	-0.415
explained_variance	0.77
learning_rate	1e-06
loss	48.9
n_updates	12370
policy_gradient_loss	-0.0028
value_loss	267

rollout/	
ep_len_mean	1.25e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1239
time_elapsed	5251
total_timesteps	634368
train/	
approx_kl	0.0011357787
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-0.373
explained_variance	0.423
learning_rate	1e-06
loss	342
n_updates	12380
policy_gradient_loss	-3.67e-05
value_loss	951

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1240
time_elapsed	5256
total_timesteps	634880
train/	
approx_kl	0.0010535992
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-0.386
explained_variance	0.867
learning_rate	1e-06
loss	33.8

n_updates	12390
policy_gradient_loss	-0.00208
value_loss	109

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1241
time_elapsed	5260
total_timesteps	635392
train/	
approx_kl	0.00049949856
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-0.448
explained_variance	0.771
learning_rate	1e-06
loss	347
n_updates	12400
policy_gradient_loss	0.00138
value_loss	815

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1242
time_elapsed	5264
total_timesteps	635904
train/	
approx_kl	0.0015658322
clip_fraction	0.0164
clip_range	0.2
entropy_loss	-0.516
explained_variance	0.907
learning_rate	1e-06
loss	66.2
n_updates	12410
policy_gradient_loss	-0.00135
value_loss	157

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1243
time_elapsed	5268
total_timesteps	636416
train/	
approx_kl	0.0009444406
clip_fraction	0
clip_range	0.2
entropy_loss	-0.462
explained_variance	0.894
learning_rate	1e-06
loss	71.3
n_updates	12420
policy_gradient_loss	-0.000622
value_loss	183

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1244
time_elapsed	5272
total_timesteps	636928
train/	
approx_kl	0.0011713777
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.483
explained_variance	0.617
learning_rate	1e-06

loss	375
n_updates	12430
policy_gradient_loss	-0.00284
value_loss	865

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1245
time_elapsed	5276
total_timesteps	637440
train/	
approx_kl	0.0031396248
clip_fraction	0.0176
clip_range	0.2
entropy_loss	-0.422
explained_variance	0.829
learning_rate	1e-06
loss	42.1
n_updates	12440
policy_gradient_loss	-0.00426
value_loss	133

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1246
time_elapsed	5281
total_timesteps	637952
train/	
approx_kl	0.0008525457
clip_fraction	0
clip_range	0.2
entropy_loss	-0.494
explained_variance	0.823
learning_rate	1e-06
loss	123
n_updates	12450
policy_gradient_loss	-0.00121
value_loss	314

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1247
time_elapsed	5285
total_timesteps	638464
train/	
approx_kl	0.004848604
clip_fraction	0.0268
clip_range	0.2
entropy_loss	-0.457
explained_variance	0.808
learning_rate	1e-06
loss	35.6
n_updates	12460
policy_gradient_loss	-0.00364
value_loss	112

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1248
time_elapsed	5289
total_timesteps	638976
train/	
approx_kl	0.0033533599
clip_fraction	0.0191
clip_range	0.2
entropy_loss	-0.382
explained_variance	0.876

learning_rate	1e-06
loss	38.9
n_updates	12470
policy_gradient_loss	-0.00366
value_loss	83.6

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1249
time_elapsed	5293
total_timesteps	639488
train/	
approx_kl	0.00046382728
clip_fraction	0
clip_range	0.2
entropy_loss	-0.309
explained_variance	0.505
learning_rate	1e-06
loss	373
n_updates	12480
policy_gradient_loss	0.000104
value_loss	806

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1250
time_elapsed	5299
total_timesteps	640000
train/	
approx_kl	0.0007538451
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.308
explained_variance	0.836
learning_rate	1e-06
loss	35.5
n_updates	12490
policy_gradient_loss	0.00043
value_loss	107

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1251
time_elapsed	5303
total_timesteps	640512
train/	
approx_kl	0.00050892984
clip_fraction	0
clip_range	0.2
entropy_loss	-0.315
explained_variance	0.924
learning_rate	1e-06
loss	62.6
n_updates	12500
policy_gradient_loss	-0.000602
value_loss	184

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1252
time_elapsed	5307
total_timesteps	641024
train/	
approx_kl	0.00048760313
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.295

explained_variance	0.476
learning_rate	1e-06
loss	473
n_updates	12510
policy_gradient_loss	-0.000796
value_loss	796

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1253
time_elapsed	5311
total_timesteps	641536
train/	
approx_kl	0.0011759765
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.249
explained_variance	0.473
learning_rate	1e-06
loss	507
n_updates	12520
policy_gradient_loss	-0.000276
value_loss	619

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1254
time_elapsed	5316
total_timesteps	642048
train/	
approx_kl	0.0005957752
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.401
explained_variance	0.684
learning_rate	1e-06
loss	127
n_updates	12530
policy_gradient_loss	-0.00171
value_loss	509

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1255
time_elapsed	5320
total_timesteps	642560
train/	
approx_kl	0.0020559363
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.53
explained_variance	0.794
learning_rate	1e-06
loss	108
n_updates	12540
policy_gradient_loss	-0.000299
value_loss	385

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1256
time_elapsed	5324
total_timesteps	643072
train/	
approx_kl	0.0030969097
clip_fraction	0.0189
clip_range	0.2

entropy_loss	-0.568
explained_variance	0.765
learning_rate	1e-06
loss	170
n_updates	12550
policy_gradient_loss	0.00133
value_loss	765

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1257
time_elapsed	5328
total_timesteps	643584
train/	
approx_kl	0.002336562
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-0.493
explained_variance	0.475
learning_rate	1e-06
loss	96.4
n_updates	12560
policy_gradient_loss	-0.000619
value_loss	397

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1258
time_elapsed	5332
total_timesteps	644096
train/	
approx_kl	0.0014107667
clip_fraction	0
clip_range	0.2
entropy_loss	-0.53
explained_variance	0.391
learning_rate	1e-06
loss	539
n_updates	12570
policy_gradient_loss	-0.00067
value_loss	1.26e+03

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1259
time_elapsed	5337
total_timesteps	644608
train/	
approx_kl	0.0016267538
clip_fraction	0.0186
clip_range	0.2
entropy_loss	-0.385
explained_variance	0.858
learning_rate	1e-06
loss	104
n_updates	12580
policy_gradient_loss	-0.00269
value_loss	241

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1260
time_elapsed	5341
total_timesteps	645120
train/	
approx_kl	0.00062060973
clip_fraction	0.00137

clip_range	0.2
entropy_loss	-0.389
explained_variance	0.548
learning_rate	1e-06
loss	165
n_updates	12590
policy_gradient_loss	-0.000846
value_loss	656

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1261
time_elapsed	5345
total_timesteps	645632
train/	
approx_kl	0.00037833303
clip_fraction	0
clip_range	0.2
entropy_loss	-0.405
explained_variance	0.916
learning_rate	1e-06
loss	90.7
n_updates	12600
policy_gradient_loss	0.000438
value_loss	160

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1262
time_elapsed	5349
total_timesteps	646144
train/	
approx_kl	0.002526968
clip_fraction	0.0242
clip_range	0.2
entropy_loss	-0.443
explained_variance	0.882
learning_rate	1e-06
loss	104
n_updates	12610
policy_gradient_loss	-0.00409
value_loss	261

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1263
time_elapsed	5353
total_timesteps	646656
train/	
approx_kl	0.00034813117
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.333
explained_variance	0.524
learning_rate	1e-06
loss	229
n_updates	12620
policy_gradient_loss	0.000139
value_loss	805

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1264
time_elapsed	5358
total_timesteps	647168
train/	
approx_kl	0.0011220764

clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.353
explained_variance	0.51
learning_rate	1e-06
loss	62
n_updates	12630
policy_gradient_loss	-0.000153
value_loss	229

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1265
time_elapsed	5362
total_timesteps	647680
train/	
approx_kl	0.00021600607
clip_fraction	0
clip_range	0.2
entropy_loss	-0.473
explained_variance	0.201
learning_rate	1e-06
loss	323
n_updates	12640
policy_gradient_loss	-0.00029
value_loss	1.04e+03

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1266
time_elapsed	5366
total_timesteps	648192
train/	
approx_kl	0.0005165951
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.398
explained_variance	0.902
learning_rate	1e-06
loss	36.5
n_updates	12650
policy_gradient_loss	-0.000608
value_loss	117

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1267
time_elapsed	5370
total_timesteps	648704
train/	
approx_kl	0.0014188336
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.426
explained_variance	0.821
learning_rate	1e-06
loss	307
n_updates	12660
policy_gradient_loss	-0.000901
value_loss	556

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1268
time_elapsed	5375
total_timesteps	649216
train/	

approx_kl	0.00091971084
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.293
explained_variance	0.904
learning_rate	1e-06
loss	35
n_updates	12670
policy_gradient_loss	-0.00105
value_loss	120

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1269
time_elapsed	5379
total_timesteps	649728
train/	
approx_kl	0.0014092171
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.312
explained_variance	0.302
learning_rate	1e-06
loss	100
n_updates	12680
policy_gradient_loss	-0.00201
value_loss	880

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1270
time_elapsed	5384
total_timesteps	650240
train/	
approx_kl	0.0019740323
clip_fraction	0.0145
clip_range	0.2
entropy_loss	-0.357
explained_variance	0.557
learning_rate	1e-06
loss	718
n_updates	12690
policy_gradient_loss	-0.00397
value_loss	560

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1271
time_elapsed	5388
total_timesteps	650752
train/	
approx_kl	0.0007764868
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.435
explained_variance	0.867
learning_rate	1e-06
loss	76.3
n_updates	12700
policy_gradient_loss	-8.64e-05
value_loss	181

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1272
time_elapsed	5392
total_timesteps	651264

train/	
approx_kl	0.00038078544
clip_fraction	0
clip_range	0.2
entropy_loss	-0.351
explained_variance	0.68
learning_rate	1e-06
loss	243
n_updates	12710
policy_gradient_loss	-0.000298
value_loss	431

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1273
time_elapsed	5396
total_timesteps	651776
train/	
approx_kl	0.0018237903
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.322
explained_variance	0.866
learning_rate	1e-06
loss	40.6
n_updates	12720
policy_gradient_loss	-0.000493
value_loss	100

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1274
time_elapsed	5401
total_timesteps	652288
train/	
approx_kl	0.0011123645
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.33
explained_variance	0.497
learning_rate	1e-06
loss	437
n_updates	12730
policy_gradient_loss	0.000422
value_loss	822

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1275
time_elapsed	5405
total_timesteps	652800
train/	
approx_kl	0.0025313878
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-0.297
explained_variance	0.751
learning_rate	1e-06
loss	21.7
n_updates	12740
policy_gradient_loss	-0.00173
value_loss	118

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1276
time_elapsed	5409

total_timesteps	653312
train/	
approx_kl	0.00019135966
clip_fraction	0
clip_range	0.2
entropy_loss	-0.325
explained_variance	0.701
learning_rate	1e-06
loss	28.8
n_updates	12750
policy_gradient_loss	-0.000581
value_loss	400

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1277
time_elapsed	5413
total_timesteps	653824
train/	
approx_kl	0.0009227551
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.37
explained_variance	0.379
learning_rate	1e-06
loss	192
n_updates	12760
policy_gradient_loss	-0.000972
value_loss	845

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1278
time_elapsed	5418
total_timesteps	654336
train/	
approx_kl	0.0016542472
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-0.419
explained_variance	0.733
learning_rate	1e-06
loss	79.4
n_updates	12770
policy_gradient_loss	-0.000441
value_loss	225

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1279
time_elapsed	5422
total_timesteps	654848
train/	
approx_kl	0.0009530247
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.477
explained_variance	0.842
learning_rate	1e-06
loss	60.5
n_updates	12780
policy_gradient_loss	-3.71e-05
value_loss	172

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1280

time_elapsed	5426
total_timesteps	655360
train/	
approx_kl	0.0002676188
clip_fraction	0
clip_range	0.2
entropy_loss	-0.47
explained_variance	0.365
learning_rate	1e-06
loss	462
n_updates	12790
policy_gradient_loss	-0.00118
value_loss	1.38e+03

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1281
time_elapsed	5430
total_timesteps	655872
train/	
approx_kl	0.0015610665
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.396
explained_variance	0.892
learning_rate	1e-06
loss	49.2
n_updates	12800
policy_gradient_loss	-0.00081
value_loss	133

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1282
time_elapsed	5434
total_timesteps	656384
train/	
approx_kl	0.0023056222
clip_fraction	0.0154
clip_range	0.2
entropy_loss	-0.394
explained_variance	0.443
learning_rate	1e-06
loss	145
n_updates	12810
policy_gradient_loss	-0.00526
value_loss	313

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1283
time_elapsed	5439
total_timesteps	656896
train/	
approx_kl	0.0016310419
clip_fraction	0.026
clip_range	0.2
entropy_loss	-0.332
explained_variance	0.619
learning_rate	1e-06
loss	208
n_updates	12820
policy_gradient_loss	-0.000557
value_loss	1.21e+03

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120

iterations	1284
time_elapsed	5443
total_timesteps	657408
train/	
approx_kl	0.000565697
clip_fraction	0
clip_range	0.2
entropy_loss	-0.348
explained_variance	0.892
learning_rate	1e-06
loss	49
n_updates	12830
policy_gradient_loss	0.000201
value_loss	155

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1285
time_elapsed	5447
total_timesteps	657920
train/	
approx_kl	0.00052863616
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.489
explained_variance	0.537
learning_rate	1e-06
loss	390
n_updates	12840
policy_gradient_loss	-0.00163
value_loss	789

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1286
time_elapsed	5451
total_timesteps	658432
train/	
approx_kl	0.00040582975
clip_fraction	0
clip_range	0.2
entropy_loss	-0.364
explained_variance	0.86
learning_rate	1e-06
loss	173
n_updates	12850
policy_gradient_loss	-0.00102
value_loss	247

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1287
time_elapsed	5456
total_timesteps	658944
train/	
approx_kl	0.0022658568
clip_fraction	0.0174
clip_range	0.2
entropy_loss	-0.279
explained_variance	0.389
learning_rate	1e-06
loss	173
n_updates	12860
policy_gradient_loss	-0.00153
value_loss	700

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.92e+03
time/	

fps	120
iterations	1288
time_elapsed	5460
total_timesteps	659456
train/	
approx_kl	0.0015369297
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.448
explained_variance	0.861
learning_rate	1e-06
loss	115
n_updates	12870
policy_gradient_loss	-0.000649
value_loss	233

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1289
time_elapsed	5464
total_timesteps	659968
train/	
approx_kl	0.0036056282
clip_fraction	0.0338
clip_range	0.2
entropy_loss	-0.392
explained_variance	0.84
learning_rate	1e-06
loss	71.5
n_updates	12880
policy_gradient_loss	-0.00235
value_loss	210

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1290
time_elapsed	5469
total_timesteps	660480
train/	
approx_kl	0.003081086
clip_fraction	0.0295
clip_range	0.2
entropy_loss	-0.403
explained_variance	0.769
learning_rate	1e-06
loss	121
n_updates	12890
policy_gradient_loss	-0.00594
value_loss	387

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1291
time_elapsed	5473
total_timesteps	660992
train/	
approx_kl	0.00051046896
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.403
explained_variance	0.873
learning_rate	1e-06
loss	131
n_updates	12900
policy_gradient_loss	-0.000881
value_loss	294

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03

time/	
fps	120
iterations	1292
time_elapsed	5478
total_timesteps	661504
train/	
approx_kl	0.00076873554
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.443
explained_variance	0.842
learning_rate	1e-06
loss	68.6
n_updates	12910
policy_gradient_loss	0.000128
value_loss	206

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1293
time_elapsed	5482
total_timesteps	662016
train/	
approx_kl	0.0037214775
clip_fraction	0.0209
clip_range	0.2
entropy_loss	-0.379
explained_variance	0.221
learning_rate	1e-06
loss	130
n_updates	12920
policy_gradient_loss	-0.00555
value_loss	962

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1294
time_elapsed	5486
total_timesteps	662528
train/	
approx_kl	0.001100876
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.394
explained_variance	0.733
learning_rate	1e-06
loss	412
n_updates	12930
policy_gradient_loss	-0.00216
value_loss	570

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1295
time_elapsed	5490
total_timesteps	663040
train/	
approx_kl	0.0042003165
clip_fraction	0.0164
clip_range	0.2
entropy_loss	-0.399
explained_variance	0.831
learning_rate	1e-06
loss	58.3
n_updates	12940
policy_gradient_loss	-0.006
value_loss	170

rollout/	
ep_len_mean	1.14e+03

ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1296
time_elapsed	5494
total_timesteps	663552
train/	
approx_kl	0.0025920882
clip_fraction	0.0457
clip_range	0.2
entropy_loss	-0.483
explained_variance	0.444
learning_rate	1e-06
loss	380
n_updates	12950
policy_gradient_loss	-0.00177
value_loss	799

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1297
time_elapsed	5499
total_timesteps	664064
train/	
approx_kl	0.00053466496
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.459
explained_variance	0.621
learning_rate	1e-06
loss	342
n_updates	12960
policy_gradient_loss	-0.00112
value_loss	565

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1298
time_elapsed	5503
total_timesteps	664576
train/	
approx_kl	0.00059977244
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.496
explained_variance	0.889
learning_rate	1e-06
loss	70.7
n_updates	12970
policy_gradient_loss	-0.000465
value_loss	180

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1299
time_elapsed	5507
total_timesteps	665088
train/	
approx_kl	0.0022143857
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.599
explained_variance	0.823
learning_rate	1e-06
loss	121
n_updates	12980
policy_gradient_loss	-0.00057
value_loss	335

rollout/	
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ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1300
time_elapsed	5511
total_timesteps	665600
train/	
approx_kl	0.0070259194
clip_fraction	0.0627
clip_range	0.2
entropy_loss	-0.712
explained_variance	0.512
learning_rate	1e-06
loss	186
n_updates	12990
policy_gradient_loss	-0.00481
value_loss	899

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1301
time_elapsed	5516
total_timesteps	666112
train/	
approx_kl	0.00461815
clip_fraction	0.0566
clip_range	0.2
entropy_loss	-0.677
explained_variance	0.851
learning_rate	1e-06
loss	66.4
n_updates	13000
policy_gradient_loss	-0.00522
value_loss	151

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1302
time_elapsed	5520
total_timesteps	666624
train/	
approx_kl	0.0025600684
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.713
explained_variance	0.678
learning_rate	1e-06
loss	203
n_updates	13010
policy_gradient_loss	-0.00239
value_loss	431

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1303
time_elapsed	5524
total_timesteps	667136
train/	
approx_kl	0.0016905743
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.572
explained_variance	0.81
learning_rate	1e-06
loss	97.6
n_updates	13020
policy_gradient_loss	-0.00204
value_loss	372

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1304
time_elapsed	5528
total_timesteps	667648
train/	
approx_kl	0.0010220294
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.541
explained_variance	0.704
learning_rate	1e-06
loss	51.6
n_updates	13030
policy_gradient_loss	-0.000558
value_loss	167

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1305
time_elapsed	5533
total_timesteps	668160
train/	
approx_kl	0.005439641
clip_fraction	0.0307
clip_range	0.2
entropy_loss	-0.677
explained_variance	0.888
learning_rate	1e-06
loss	43.8
n_updates	13040
policy_gradient_loss	-0.00511
value_loss	123

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1306
time_elapsed	5537
total_timesteps	668672
train/	
approx_kl	0.0038542007
clip_fraction	0.0311
clip_range	0.2
entropy_loss	-0.675
explained_variance	0.72
learning_rate	1e-06
loss	376
n_updates	13050
policy_gradient_loss	-0.00768
value_loss	473

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1307
time_elapsed	5541
total_timesteps	669184
train/	
approx_kl	0.006229996
clip_fraction	0.0582
clip_range	0.2
entropy_loss	-0.659
explained_variance	0.873
learning_rate	1e-06
loss	52.3
n_updates	13060
policy_gradient_loss	-0.00685
value_loss	189

rollout/		
ep_len_mean		1.15e+03
ep_rew_mean		1.97e+03
time/		
fps		120
iterations		1308
time_elapsed		5545
total_timesteps		669696
train/		
approx_kl		0.0046766056
clip_fraction		0.00762
clip_range		0.2
entropy_loss		-0.651
explained_variance		0.917
learning_rate		1e-06
loss		81.5
n_updates		13070
policy_gradient_loss		-0.00404
value_loss		156

rollout/		
ep_len_mean		1.16e+03
ep_rew_mean		1.97e+03
time/		
fps		120
iterations		1309
time_elapsed		5550
total_timesteps		670208
train/		
approx_kl		0.0016443139
clip_fraction		0.00547
clip_range		0.2
entropy_loss		-0.54
explained_variance		0.725
learning_rate		1e-06
loss		148
n_updates		13080
policy_gradient_loss		-0.00138
value_loss		410

rollout/		
ep_len_mean		1.16e+03
ep_rew_mean		1.97e+03
time/		
fps		120
iterations		1310
time_elapsed		5555
total_timesteps		670720
train/		
approx_kl		0.0013600797
clip_fraction		0.00215
clip_range		0.2
entropy_loss		-0.628
explained_variance		0.913
learning_rate		1e-06
loss		199
n_updates		13090
policy_gradient_loss		-0.000443
value_loss		269

rollout/		
ep_len_mean		1.16e+03
ep_rew_mean		1.97e+03
time/		
fps		120
iterations		1311
time_elapsed		5559
total_timesteps		671232
train/		
approx_kl		0.0022110953
clip_fraction		0.0139
clip_range		0.2
entropy_loss		-0.43
explained_variance		0.835
learning_rate		1e-06
loss		58.4
n_updates		13100
policy_gradient_loss		-0.00169
value_loss		157

rollout/		
ep_len_mean	1.15e+03	
ep_rew_mean	1.97e+03	
time/		
fps	120	
iterations	1312	
time_elapsed	5563	
total_timesteps	671744	
train/		
approx_kl	0.0008230378	
clip_fraction	0.00898	
clip_range	0.2	
entropy_loss	-0.531	
explained_variance	0.923	
learning_rate	1e-06	
loss	77.5	
n_updates	13110	
policy_gradient_loss	-0.00179	
value_loss	232	

rollout/		
ep_len_mean	1.15e+03	
ep_rew_mean	1.97e+03	
time/		
fps	120	
iterations	1313	
time_elapsed	5567	
total_timesteps	672256	
train/		
approx_kl	0.00025606528	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.464	
explained_variance	0.548	
learning_rate	1e-06	
loss	315	
n_updates	13120	
policy_gradient_loss	-6.86e-05	
value_loss	936	

rollout/		
ep_len_mean	1.16e+03	
ep_rew_mean	1.97e+03	
time/		
fps	120	
iterations	1314	
time_elapsed	5571	
total_timesteps	672768	
train/		
approx_kl	0.0014632337	
clip_fraction	0.0043	
clip_range	0.2	
entropy_loss	-0.614	
explained_variance	0.643	
learning_rate	1e-06	
loss	326	
n_updates	13130	
policy_gradient_loss	0.0025	
value_loss	728	

rollout/		
ep_len_mean	1.15e+03	
ep_rew_mean	1.97e+03	
time/		
fps	120	
iterations	1315	
time_elapsed	5576	
total_timesteps	673280	
train/		
approx_kl	0.0019359004	
clip_fraction	0.00273	
clip_range	0.2	
entropy_loss	-0.448	
explained_variance	0.842	
learning_rate	1e-06	
loss	54.2	
n_updates	13140	
policy_gradient_loss	-0.00309	

value_loss	127
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rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1316
time_elapsed	5580
total_timesteps	673792
train/	
approx_kl	0.002125383
clip_fraction	0.0225
clip_range	0.2
entropy_loss	-0.499
explained_variance	0.441
learning_rate	1e-06
loss	412
n_updates	13150
policy_gradient_loss	-0.00287
value_loss	913

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1317
time_elapsed	5584
total_timesteps	674304
train/	
approx_kl	0.0002781353
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.499
explained_variance	0.42
learning_rate	1e-06
loss	410
n_updates	13160
policy_gradient_loss	-2.49e-05
value_loss	679

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1318
time_elapsed	5588
total_timesteps	674816
train/	
approx_kl	0.0026340936
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.521
explained_variance	0.766
learning_rate	1e-06
loss	75.7
n_updates	13170
policy_gradient_loss	-0.00339
value_loss	202

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1319
time_elapsed	5593
total_timesteps	675328
train/	
approx_kl	0.0029092247
clip_fraction	0.0232
clip_range	0.2
entropy_loss	-0.59
explained_variance	0.724
learning_rate	1e-06
loss	245
n_updates	13180

policy_gradient_loss	-0.00386
value_loss	413

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1320
time_elapsed	5597
total_timesteps	675840
train/	
approx_kl	0.0021650665
clip_fraction	0.0256
clip_range	0.2
entropy_loss	-0.634
explained_variance	0.874
learning_rate	1e-06
loss	122
n_updates	13190
policy_gradient_loss	-0.000766
value_loss	292

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1321
time_elapsed	5601
total_timesteps	676352
train/	
approx_kl	0.00074403477
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.603
explained_variance	0.638
learning_rate	1e-06
loss	56.1
n_updates	13200
policy_gradient_loss	-0.000985
value_loss	146

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1322
time_elapsed	5605
total_timesteps	676864
train/	
approx_kl	0.0025549307
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.762
explained_variance	0.873
learning_rate	1e-06
loss	62.7
n_updates	13210
policy_gradient_loss	-0.00161
value_loss	218

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1323
time_elapsed	5610
total_timesteps	677376
train/	
approx_kl	0.00246512
clip_fraction	0.00879
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.417
learning_rate	1e-06
loss	265

n_updates	13220
policy_gradient_loss	-0.002
value_loss	1.03e+03

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1324
time_elapsed	5614
total_timesteps	677888
train/	
approx_kl	0.0008940281
clip_fraction	0
clip_range	0.2
entropy_loss	-0.718
explained_variance	0.895
learning_rate	1e-06
loss	85.1
n_updates	13230
policy_gradient_loss	0.00052
value_loss	135

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1325
time_elapsed	5618
total_timesteps	678400
train/	
approx_kl	0.0023099508
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-0.742
explained_variance	0.57
learning_rate	1e-06
loss	160
n_updates	13240
policy_gradient_loss	-0.00174
value_loss	810

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1326
time_elapsed	5622
total_timesteps	678912
train/	
approx_kl	0.0025358617
clip_fraction	0.00645
clip_range	0.2
entropy_loss	-0.757
explained_variance	0.533
learning_rate	1e-06
loss	67.8
n_updates	13250
policy_gradient_loss	-0.00101
value_loss	178

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1327
time_elapsed	5627
total_timesteps	679424
train/	
approx_kl	0.0021422775
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.818
explained_variance	0.781
learning_rate	1e-06

loss	76.4
n_updates	13260
policy_gradient_loss	-0.00281
value_loss	154

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1328
time_elapsed	5631
total_timesteps	679936
train/	
approx_kl	0.0014715169
clip_fraction	0
clip_range	0.2
entropy_loss	-0.818
explained_variance	0.559
learning_rate	1e-06
loss	176
n_updates	13270
policy_gradient_loss	-0.000957
value_loss	621

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1329
time_elapsed	5636
total_timesteps	680448
train/	
approx_kl	0.0021369613
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.851
learning_rate	1e-06
loss	76.1
n_updates	13280
policy_gradient_loss	-0.00126
value_loss	144

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1330
time_elapsed	5640
total_timesteps	680960
train/	
approx_kl	0.00213528
clip_fraction	0
clip_range	0.2
entropy_loss	-0.922
explained_variance	0.877
learning_rate	1e-06
loss	126
n_updates	13290
policy_gradient_loss	-0.000531
value_loss	289

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1331
time_elapsed	5644
total_timesteps	681472
train/	
approx_kl	0.002278396
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.864
explained_variance	0.84

learning_rate	1e-06
loss	72.3
n_updates	13300
policy_gradient_loss	-0.00202
value_loss	172

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1332
time_elapsed	5648
total_timesteps	681984
train/	
approx_kl	0.01005546
clip_fraction	0.0566
clip_range	0.2
entropy_loss	-0.932
explained_variance	0.875
learning_rate	1e-06
loss	57.6
n_updates	13310
policy_gradient_loss	-0.00508
value_loss	156

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1333
time_elapsed	5653
total_timesteps	682496
train/	
approx_kl	0.0013493713
clip_fraction	0
clip_range	0.2
entropy_loss	-0.903
explained_variance	0.419
learning_rate	1e-06
loss	385
n_updates	13320
policy_gradient_loss	0.000379
value_loss	1.05e+03

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1334
time_elapsed	5657
total_timesteps	683008
train/	
approx_kl	0.0075840596
clip_fraction	0.0301
clip_range	0.2
entropy_loss	-0.826
explained_variance	0.406
learning_rate	1e-06
loss	62
n_updates	13330
policy_gradient_loss	-0.00163
value_loss	160

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1335
time_elapsed	5661
total_timesteps	683520
train/	
approx_kl	0.005159379
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-1.05

explained_variance	0.759
learning_rate	1e-06
loss	177
n_updates	13340
policy_gradient_loss	-0.00492
value_loss	327

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1336
time_elapsed	5665
total_timesteps	684032
train/	
approx_kl	0.00608629
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.821
learning_rate	1e-06
loss	211
n_updates	13350
policy_gradient_loss	-0.0064
value_loss	372

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1337
time_elapsed	5670
total_timesteps	684544
train/	
approx_kl	0.0047940337
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.98
explained_variance	0.892
learning_rate	1e-06
loss	65.4
n_updates	13360
policy_gradient_loss	-0.000804
value_loss	133

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1338
time_elapsed	5674
total_timesteps	685056
train/	
approx_kl	0.001910388
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.872
learning_rate	1e-06
loss	94.7
n_updates	13370
policy_gradient_loss	-0.000371
value_loss	300

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1339
time_elapsed	5678
total_timesteps	685568
train/	
approx_kl	0.0029400052
clip_fraction	0.000977
clip_range	0.2

entropy_loss	-0.997
explained_variance	0.935
learning_rate	1e-06
loss	33.5
n_updates	13380
policy_gradient_loss	-0.00105
value_loss	101

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1340
time_elapsed	5682
total_timesteps	686080
train/	
approx_kl	0.0061996523
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.897
learning_rate	1e-06
loss	123
n_updates	13390
policy_gradient_loss	-0.00097
value_loss	212

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1341
time_elapsed	5686
total_timesteps	686592
train/	
approx_kl	0.006371964
clip_fraction	0.0326
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.439
learning_rate	1e-06
loss	322
n_updates	13400
policy_gradient_loss	-0.00729
value_loss	806

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1342
time_elapsed	5691
total_timesteps	687104
train/	
approx_kl	0.0042116963
clip_fraction	0.0529
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.8
learning_rate	1e-06
loss	91.3
n_updates	13410
policy_gradient_loss	-0.00287
value_loss	222

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1343
time_elapsed	5695
total_timesteps	687616
train/	
approx_kl	0.014601065
clip_fraction	0.0596

clip_range	0.2
entropy_loss	-1.02
explained_variance	0.839
learning_rate	1e-06
loss	74.1
n_updates	13420
policy_gradient_loss	-0.00642
value_loss	195

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1344
time_elapsed	5699
total_timesteps	688128
train/	
approx_kl	0.0024169663
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.942
explained_variance	0.273
learning_rate	1e-06
loss	444
n_updates	13430
policy_gradient_loss	-0.000408
value_loss	793

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1345
time_elapsed	5703
total_timesteps	688640
train/	
approx_kl	0.0048070373
clip_fraction	0.015
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.878
learning_rate	1e-06
loss	47.5
n_updates	13440
policy_gradient_loss	-0.00548
value_loss	144

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1346
time_elapsed	5707
total_timesteps	689152
train/	
approx_kl	0.0052083232
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.701
learning_rate	1e-06
loss	212
n_updates	13450
policy_gradient_loss	-0.00278
value_loss	397

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1347
time_elapsed	5712
total_timesteps	689664
train/	
approx_kl	0.007139111

clip_fraction	0
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.56
learning_rate	1e-06
loss	91.6
n_updates	13460
policy_gradient_loss	-0.00217
value_loss	235

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1348
time_elapsed	5717
total_timesteps	690176
train/	
approx_kl	0.008792301
clip_fraction	0.0604
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.823
learning_rate	1e-06
loss	224
n_updates	13470
policy_gradient_loss	-0.00674
value_loss	261

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1349
time_elapsed	5721
total_timesteps	690688
train/	
approx_kl	0.0040249266
clip_fraction	0
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.941
learning_rate	1e-06
loss	55.9
n_updates	13480
policy_gradient_loss	-0.00136
value_loss	167

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1350
time_elapsed	5725
total_timesteps	691200
train/	
approx_kl	0.0051316563
clip_fraction	0.0377
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.805
learning_rate	1e-06
loss	98.6
n_updates	13490
policy_gradient_loss	-0.00184
value_loss	219

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1351
time_elapsed	5729
total_timesteps	691712
train/	

approx_kl	0.0076433225
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.953
learning_rate	1e-06
loss	77.3
n_updates	13500
policy_gradient_loss	-0.00486
value_loss	161

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1352
time_elapsed	5734
total_timesteps	692224
train/	
approx_kl	0.0010775715
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.636
learning_rate	1e-06
loss	113
n_updates	13510
policy_gradient_loss	0.000525
value_loss	222

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1353
time_elapsed	5738
total_timesteps	692736
train/	
approx_kl	0.0022607076
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-1.19
explained_variance	0.766
learning_rate	1e-06
loss	121
n_updates	13520
policy_gradient_loss	0.000266
value_loss	409

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1354
time_elapsed	5742
total_timesteps	693248
train/	
approx_kl	0.0020825346
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.857
learning_rate	1e-06
loss	257
n_updates	13530
policy_gradient_loss	0.000534
value_loss	384

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1355
time_elapsed	5746
total_timesteps	693760

train/	
approx_kl	0.0020367564
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.873
learning_rate	1e-06
loss	73.7
n_updates	13540
policy_gradient_loss	-0.000239
value_loss	151

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1356
time_elapsed	5751
total_timesteps	694272
train/	
approx_kl	0.012096635
clip_fraction	0.0563
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.867
learning_rate	1e-06
loss	53.4
n_updates	13550
policy_gradient_loss	-0.00564
value_loss	153

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1357
time_elapsed	5755
total_timesteps	694784
train/	
approx_kl	0.01576646
clip_fraction	0.125
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.872
learning_rate	1e-06
loss	53.7
n_updates	13560
policy_gradient_loss	-0.0106
value_loss	138

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1358
time_elapsed	5759
total_timesteps	695296
train/	
approx_kl	0.0064136744
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.964
explained_variance	0.766
learning_rate	1e-06
loss	101
n_updates	13570
policy_gradient_loss	-0.00355
value_loss	299

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1359
time_elapsed	5763

total_timesteps	695808
train/	
approx_kl	0.011948696
clip_fraction	0.0363
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.875
learning_rate	1e-06
loss	44.9
n_updates	13580
policy_gradient_loss	-0.00483
value_loss	171

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1360
time_elapsed	5768
total_timesteps	696320
train/	
approx_kl	0.0032386025
clip_fraction	0.0111
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.537
learning_rate	1e-06
loss	194
n_updates	13590
policy_gradient_loss	0.00036
value_loss	757

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1361
time_elapsed	5772
total_timesteps	696832
train/	
approx_kl	0.004570052
clip_fraction	0.0189
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.881
learning_rate	1e-06
loss	39.9
n_updates	13600
policy_gradient_loss	-0.000568
value_loss	144

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1362
time_elapsed	5776
total_timesteps	697344
train/	
approx_kl	0.001773
clip_fraction	0
clip_range	0.2
entropy_loss	-0.881
explained_variance	0.817
learning_rate	1e-06
loss	71.1
n_updates	13610
policy_gradient_loss	-0.000262
value_loss	214

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1363

time_elapsed	5780
total_timesteps	697856
train/	
approx_kl	0.003743277
clip_fraction	0
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.886
learning_rate	1e-06
loss	84.2
n_updates	13620
policy_gradient_loss	-0.000874
value_loss	182

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1364
time_elapsed	5784
total_timesteps	698368
train/	
approx_kl	0.0020406991
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.892
learning_rate	1e-06
loss	38.1
n_updates	13630
policy_gradient_loss	-0.00154
value_loss	176

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1365
time_elapsed	5789
total_timesteps	698880
train/	
approx_kl	0.0032719611
clip_fraction	0.00508
clip_range	0.2
entropy_loss	-1.06
explained_variance	0.798
learning_rate	1e-06
loss	114
n_updates	13640
policy_gradient_loss	0.0033
value_loss	401

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1366
time_elapsed	5793
total_timesteps	699392
train/	
approx_kl	0.0050971513
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.375
learning_rate	1e-06
loss	613
n_updates	13650
policy_gradient_loss	-0.00205
value_loss	1.31e+03

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.95e+03
time/	
fps	120

iterations	1367
time_elapsed	5797
total_timesteps	699904
train/	
approx_kl	0.009461723
clip_fraction	0.107
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.898
learning_rate	1e-06
loss	41
n_updates	13660
policy_gradient_loss	-0.0136
value_loss	129

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1368
time_elapsed	5802
total_timesteps	700416
train/	
approx_kl	0.0066244407
clip_fraction	0.0244
clip_range	0.2
entropy_loss	-0.955
explained_variance	0.902
learning_rate	1e-06
loss	74
n_updates	13670
policy_gradient_loss	-0.00451
value_loss	186

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1369
time_elapsed	5806
total_timesteps	700928
train/	
approx_kl	0.0006771566
clip_fraction	0
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.0775
learning_rate	1e-06
loss	829
n_updates	13680
policy_gradient_loss	0.00458
value_loss	1.31e+03

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1370
time_elapsed	5811
total_timesteps	701440
train/	
approx_kl	0.002635916
clip_fraction	0
clip_range	0.2
entropy_loss	-0.93
explained_variance	0.836
learning_rate	1e-06
loss	81.4
n_updates	13690
policy_gradient_loss	-0.000988
value_loss	198

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	

fps	120
iterations	1371
time_elapsed	5815
total_timesteps	701952
train/	
approx_kl	0.006244815
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.908
learning_rate	1e-06
loss	50.3
n_updates	13700
policy_gradient_loss	-0.00258
value_loss	237

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1372
time_elapsed	5819
total_timesteps	702464
train/	
approx_kl	0.0022815103
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.589
learning_rate	1e-06
loss	55.8
n_updates	13710
policy_gradient_loss	0.00108
value_loss	220

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1373
time_elapsed	5823
total_timesteps	702976
train/	
approx_kl	0.011539552
clip_fraction	0.0539
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.706
learning_rate	1e-06
loss	312
n_updates	13720
policy_gradient_loss	-0.00722
value_loss	733

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1374
time_elapsed	5828
total_timesteps	703488
train/	
approx_kl	0.0061485153
clip_fraction	0.00742
clip_range	0.2
entropy_loss	-0.944
explained_variance	0.911
learning_rate	1e-06
loss	60.7
n_updates	13730
policy_gradient_loss	-0.000835
value_loss	135

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03

time/	
fps	120
iterations	1375
time_elapsed	5832
total_timesteps	704000
train/	
approx_kl	0.002397928
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.722
learning_rate	1e-06
loss	136
n_updates	13740
policy_gradient_loss	0.00217
value_loss	364

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1376
time_elapsed	5836
total_timesteps	704512
train/	
approx_kl	0.005249887
clip_fraction	0.0332
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.806
learning_rate	1e-06
loss	189
n_updates	13750
policy_gradient_loss	-0.00183
value_loss	371

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1377
time_elapsed	5840
total_timesteps	705024
train/	
approx_kl	0.00096422667
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.783
learning_rate	1e-06
loss	157
n_updates	13760
policy_gradient_loss	0.000409
value_loss	446

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1378
time_elapsed	5845
total_timesteps	705536
train/	
approx_kl	0.00067746255
clip_fraction	0
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.883
learning_rate	1e-06
loss	29.5
n_updates	13770
policy_gradient_loss	0.00172
value_loss	191

rollout/	
ep_len_mean	1.13e+03

ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1379
time_elapsed	5849
total_timesteps	706048
train/	
approx_kl	0.0018966374
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.811
learning_rate	1e-06
loss	172
n_updates	13780
policy_gradient_loss	0.00036
value_loss	464

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1380
time_elapsed	5853
total_timesteps	706560
train/	
approx_kl	0.0023038085
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.781
learning_rate	1e-06
loss	64.4
n_updates	13790
policy_gradient_loss	0.00136
value_loss	198

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1381
time_elapsed	5857
total_timesteps	707072
train/	
approx_kl	0.0048205284
clip_fraction	0.0162
clip_range	0.2
entropy_loss	-0.964
explained_variance	0.851
learning_rate	1e-06
loss	139
n_updates	13800
policy_gradient_loss	-0.0037
value_loss	256

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1382
time_elapsed	5862
total_timesteps	707584
train/	
approx_kl	0.003942716
clip_fraction	0.0113
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.522
learning_rate	1e-06
loss	397
n_updates	13810
policy_gradient_loss	-0.00145
value_loss	835

rollout/	
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ep_len_mean	1.13e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1383
time_elapsed	5866
total_timesteps	708096
train/	
approx_kl	0.0022187773
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.817
learning_rate	1e-06
loss	33
n_updates	13820
policy_gradient_loss	0.00119
value_loss	103

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1384
time_elapsed	5870
total_timesteps	708608
train/	
approx_kl	0.007884037
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.809
learning_rate	1e-06
loss	95.8
n_updates	13830
policy_gradient_loss	-0.00387
value_loss	258

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1385
time_elapsed	5874
total_timesteps	709120
train/	
approx_kl	0.0035412312
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-1.2
explained_variance	0.73
learning_rate	1e-06
loss	319
n_updates	13840
policy_gradient_loss	-0.00389
value_loss	693

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1386
time_elapsed	5879
total_timesteps	709632
train/	
approx_kl	0.004824481
clip_fraction	0.0234
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.789
learning_rate	1e-06
loss	84.6
n_updates	13850
policy_gradient_loss	-0.00287
value_loss	197

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1387
time_elapsed	5884
total_timesteps	710144
train/	
approx_kl	0.003471448
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.555
learning_rate	1e-06
loss	204
n_updates	13860
policy_gradient_loss	0.00105
value_loss	494

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1388
time_elapsed	5889
total_timesteps	710656
train/	
approx_kl	0.0036738527
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-1.23
explained_variance	0.727
learning_rate	1e-06
loss	98
n_updates	13870
policy_gradient_loss	-0.000463
value_loss	317

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1389
time_elapsed	5893
total_timesteps	711168
train/	
approx_kl	0.0039189886
clip_fraction	0.0168
clip_range	0.2
entropy_loss	-1.42
explained_variance	0.882
learning_rate	1e-06
loss	59.9
n_updates	13880
policy_gradient_loss	7.83e-05
value_loss	241

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1390
time_elapsed	5897
total_timesteps	711680
train/	
approx_kl	0.0019384464
clip_fraction	0
clip_range	0.2
entropy_loss	-1.58
explained_variance	0.311
learning_rate	1e-06
loss	15.5
n_updates	13890
policy_gradient_loss	-0.00106
value_loss	51.9

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1391	
time_elapsed	5901	
total_timesteps	712192	
train/		
approx_kl	0.007490972	
clip_fraction	0.018	
clip_range	0.2	
entropy_loss	-1.6	
explained_variance	-2.05	
learning_rate	1e-06	
loss	2.15	
n_updates	13900	
policy_gradient_loss	-0.00322	
value_loss	13.9	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1392	
time_elapsed	5906	
total_timesteps	712704	
train/		
approx_kl	0.0036286642	
clip_fraction	0.0043	
clip_range	0.2	
entropy_loss	-1.62	
explained_variance	-2.68	
learning_rate	1e-06	
loss	1.11	
n_updates	13910	
policy_gradient_loss	-0.00211	
value_loss	7.62	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1393	
time_elapsed	5910	
total_timesteps	713216	
train/		
approx_kl	0.004246409	
clip_fraction	0.00859	
clip_range	0.2	
entropy_loss	-1.62	
explained_variance	-1.93	
learning_rate	1e-06	
loss	0.275	
n_updates	13920	
policy_gradient_loss	-0.00342	
value_loss	3.34	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1394	
time_elapsed	5914	
total_timesteps	713728	
train/		
approx_kl	0.001913586	
clip_fraction	0.000586	
clip_range	0.2	
entropy_loss	-1.63	
explained_variance	-0.871	
learning_rate	1e-06	
loss	0.238	
n_updates	13930	
policy_gradient_loss	-0.00258	
value_loss	2.07	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1395	
time_elapsed	5918	
total_timesteps	714240	
train/		
approx_kl	0.000790983	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.63	
explained_variance	-1.93	
learning_rate	1e-06	
loss	0.339	
n_updates	13940	
policy_gradient_loss	-0.000807	
value_loss	1.95	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1396	
time_elapsed	5922	
total_timesteps	714752	
train/		
approx_kl	0.0008463557	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.62	
explained_variance	-1.09	
learning_rate	1e-06	
loss	0.238	
n_updates	13950	
policy_gradient_loss	-0.00113	
value_loss	1.2	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1397	
time_elapsed	5927	
total_timesteps	715264	
train/		
approx_kl	0.0015838002	
clip_fraction	0.00156	
clip_range	0.2	
entropy_loss	-1.63	
explained_variance	-0.947	
learning_rate	1e-06	
loss	0.154	
n_updates	13960	
policy_gradient_loss	-0.00217	
value_loss	0.923	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.94e+03	
time/		
fps	120	
iterations	1398	
time_elapsed	5931	
total_timesteps	715776	
train/		
approx_kl	0.0012096704	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-1.66	
explained_variance	-1	
learning_rate	1e-06	
loss	0.151	
n_updates	13970	
policy_gradient_loss	-0.00129	

	value_loss		0.877	
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	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.94e+03	
	time/			
	fps		120	
	iterations		1399	
	time_elapsed		5935	
	total_timesteps		716288	
	train/			
	approx_kl		0.00014881475	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-1.65	
	explained_variance		-0.379	
	learning_rate		1e-06	
	loss		0.107	
	n_updates		13980	
	policy_gradient_loss		-0.000153	
	value_loss		0.463	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.94e+03	
	time/			
	fps		120	
	iterations		1400	
	time_elapsed		5939	
	total_timesteps		716800	
	train/			
	approx_kl		0.0014637442	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-1.66	
	explained_variance		-0.342	
	learning_rate		1e-06	
	loss		0.113	
	n_updates		13990	
	policy_gradient_loss		-0.00145	
	value_loss		0.433	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.94e+03	
	time/			
	fps		120	
	iterations		1401	
	time_elapsed		5943	
	total_timesteps		717312	
	train/			
	approx_kl		0.000963783	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-1.68	
	explained_variance		-0.165	
	learning_rate		1e-06	
	loss		0.146	
	n_updates		14000	
	policy_gradient_loss		-0.00161	
	value_loss		0.477	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.94e+03	
	time/			
	fps		120	
	iterations		1402	
	time_elapsed		5948	
	total_timesteps		717824	
	train/			
	approx_kl		0.00032381713	
	clip_fraction		0	
	clip_range		0.2	
	entropy_loss		-1.69	
	explained_variance		-0.238	
	learning_rate		1e-06	
	loss		0.15	
	n_updates		14010	

policy_gradient_loss	-0.000737
value_loss	0.424

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1403
time_elapsed	5952
total_timesteps	718336
train/	
approx_kl	0.0005104068
clip_fraction	0
clip_range	0.2
entropy_loss	-1.69
explained_variance	-0.218
learning_rate	1e-06
loss	0.202
n_updates	14020
policy_gradient_loss	-0.000769
value_loss	0.416

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1404
time_elapsed	5956
total_timesteps	718848
train/	
approx_kl	0.00036779873
clip_fraction	0
clip_range	0.2
entropy_loss	-1.69
explained_variance	-0.0489
learning_rate	1e-06
loss	0.129
n_updates	14030
policy_gradient_loss	-0.000621
value_loss	0.364

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1405
time_elapsed	5960
total_timesteps	719360
train/	
approx_kl	0.0018309669
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.872
learning_rate	1e-06
loss	67.1
n_updates	14040
policy_gradient_loss	-0.00034
value_loss	232

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1406
time_elapsed	5964
total_timesteps	719872
train/	
approx_kl	0.0010013256
clip_fraction	0
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.773
learning_rate	1e-06
loss	69.3

n_updates	14050
policy_gradient_loss	-0.000815
value_loss	121

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1407
time_elapsed	5970
total_timesteps	720384
train/	
approx_kl	0.0014484979
clip_fraction	0
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.596
learning_rate	1e-06
loss	332
n_updates	14060
policy_gradient_loss	-0.00191
value_loss	594

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1408
time_elapsed	5974
total_timesteps	720896
train/	
approx_kl	0.007695973
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.978
explained_variance	0.772
learning_rate	1e-06
loss	40.4
n_updates	14070
policy_gradient_loss	-0.000444
value_loss	133

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1409
time_elapsed	5978
total_timesteps	721408
train/	
approx_kl	0.0027264757
clip_fraction	0.0109
clip_range	0.2
entropy_loss	-0.921
explained_variance	0.908
learning_rate	1e-06
loss	51.3
n_updates	14080
policy_gradient_loss	-0.000395
value_loss	150

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1410
time_elapsed	5982
total_timesteps	721920
train/	
approx_kl	0.0005850281
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.942
explained_variance	0.743
learning_rate	1e-06

loss	152
n_updates	14090
policy_gradient_loss	-0.00154
value_loss	369

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1411
time_elapsed	5986
total_timesteps	722432
train/	
approx_kl	0.0010990779
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.939
explained_variance	0.405
learning_rate	1e-06
loss	345
n_updates	14100
policy_gradient_loss	-0.000813
value_loss	653

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1412
time_elapsed	5990
total_timesteps	722944
train/	
approx_kl	0.0037475913
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.841
explained_variance	-2.74
learning_rate	1e-06
loss	3.64
n_updates	14110
policy_gradient_loss	-2e-05
value_loss	144

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1413
time_elapsed	5995
total_timesteps	723456
train/	
approx_kl	0.008521131
clip_fraction	0.059
clip_range	0.2
entropy_loss	-0.923
explained_variance	0.645
learning_rate	1e-06
loss	70.4
n_updates	14120
policy_gradient_loss	-0.00242
value_loss	262

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1414
time_elapsed	5999
total_timesteps	723968
train/	
approx_kl	0.0018307772
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.751

learning_rate	1e-06
loss	193
n_updates	14130
policy_gradient_loss	-0.000375
value_loss	444

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1415
time_elapsed	6003
total_timesteps	724480
train/	
approx_kl	0.00010854297
clip_fraction	0
clip_range	0.2
entropy_loss	-0.899
explained_variance	0.928
learning_rate	1e-06
loss	74.8
n_updates	14140
policy_gradient_loss	-0.00057
value_loss	178

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1416
time_elapsed	6007
total_timesteps	724992
train/	
approx_kl	0.006746358
clip_fraction	0.0307
clip_range	0.2
entropy_loss	-0.851
explained_variance	0.796
learning_rate	1e-06
loss	157
n_updates	14150
policy_gradient_loss	0.00178
value_loss	351

rollout/	
ep_len_mean	1.24e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1417
time_elapsed	6011
total_timesteps	725504
train/	
approx_kl	0.0010562937
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.933
explained_variance	0.528
learning_rate	1e-06
loss	173
n_updates	14160
policy_gradient_loss	-0.000616
value_loss	708

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1418
time_elapsed	6015
total_timesteps	726016
train/	
approx_kl	0.00011437666
clip_fraction	0
clip_range	0.2
entropy_loss	-0.867

explained_variance	0.922
learning_rate	1e-06
loss	124
n_updates	14170
policy_gradient_loss	-0.000429
value_loss	220

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1419
time_elapsed	6020
total_timesteps	726528
train/	
approx_kl	0.00020969764
clip_fraction	0
clip_range	0.2
entropy_loss	-0.885
explained_variance	0.862
learning_rate	1e-06
loss	116
n_updates	14180
policy_gradient_loss	0.00189
value_loss	403

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1420
time_elapsed	6024
total_timesteps	727040
train/	
approx_kl	0.00078263634
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.881
explained_variance	0.406
learning_rate	1e-06
loss	502
n_updates	14190
policy_gradient_loss	-0.0016
value_loss	1.01e+03

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.89e+03
time/	
fps	120
iterations	1421
time_elapsed	6028
total_timesteps	727552
train/	
approx_kl	0.0003562196
clip_fraction	0
clip_range	0.2
entropy_loss	-0.89
explained_variance	0.585
learning_rate	1e-06
loss	281
n_updates	14200
policy_gradient_loss	0.000442
value_loss	484

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.89e+03
time/	
fps	120
iterations	1422
time_elapsed	6032
total_timesteps	728064
train/	
approx_kl	0.0008117156
clip_fraction	0.00176
clip_range	0.2

entropy_loss	-0.941
explained_variance	0.643
learning_rate	1e-06
loss	358
n_updates	14210
policy_gradient_loss	-0.000139
value_loss	634

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1423
time_elapsed	6036
total_timesteps	728576
train/	
approx_kl	0.0006242329
clip_fraction	0
clip_range	0.2
entropy_loss	-0.877
explained_variance	0.845
learning_rate	1e-06
loss	94.5
n_updates	14220
policy_gradient_loss	-0.00109
value_loss	241

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1424
time_elapsed	6041
total_timesteps	729088
train/	
approx_kl	0.00067364913
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.893
explained_variance	0.59
learning_rate	1e-06
loss	776
n_updates	14230
policy_gradient_loss	-0.00154
value_loss	789

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1425
time_elapsed	6045
total_timesteps	729600
train/	
approx_kl	0.0008690426
clip_fraction	0
clip_range	0.2
entropy_loss	-0.907
explained_variance	0.895
learning_rate	1e-06
loss	86.3
n_updates	14240
policy_gradient_loss	-0.000417
value_loss	225

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1426
time_elapsed	6050
total_timesteps	730112
train/	
approx_kl	0.0038935295
clip_fraction	0

clip_range	0.2
entropy_loss	-0.92
explained_variance	0.916
learning_rate	1e-06
loss	99
n_updates	14250
policy_gradient_loss	-0.00415
value_loss	203

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1427
time_elapsed	6054
total_timesteps	730624
train/	
approx_kl	0.0005718551
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.856
explained_variance	0.618
learning_rate	1e-06
loss	286
n_updates	14260
policy_gradient_loss	0.00199
value_loss	750

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1428
time_elapsed	6058
total_timesteps	731136
train/	
approx_kl	0.0018607853
clip_fraction	0
clip_range	0.2
entropy_loss	-0.934
explained_variance	0.918
learning_rate	1e-06
loss	64.6
n_updates	14270
policy_gradient_loss	-0.00211
value_loss	151

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1429
time_elapsed	6063
total_timesteps	731648
train/	
approx_kl	0.0009796377
clip_fraction	0
clip_range	0.2
entropy_loss	-0.989
explained_variance	0.534
learning_rate	1e-06
loss	266
n_updates	14280
policy_gradient_loss	0.000103
value_loss	743

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1430
time_elapsed	6067
total_timesteps	732160
train/	
approx_kl	0.0017671515

clip_fraction	0
clip_range	0.2
entropy_loss	-0.948
explained_variance	0.879
learning_rate	1e-06
loss	28.9
n_updates	14290
policy_gradient_loss	-0.000617
value_loss	147

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1431
time_elapsed	6071
total_timesteps	732672
train/	
approx_kl	0.0020630425
clip_fraction	0
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.932
learning_rate	1e-06
loss	77.7
n_updates	14300
policy_gradient_loss	-0.00157
value_loss	192

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1432
time_elapsed	6075
total_timesteps	733184
train/	
approx_kl	0.0031935107
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.821
explained_variance	0.531
learning_rate	1e-06
loss	580
n_updates	14310
policy_gradient_loss	-0.00266
value_loss	930

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1433
time_elapsed	6080
total_timesteps	733696
train/	
approx_kl	0.002319451
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.871
explained_variance	0.728
learning_rate	1e-06
loss	60
n_updates	14320
policy_gradient_loss	0.00137
value_loss	220

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1434
time_elapsed	6084
total_timesteps	734208
train/	

approx_kl	0.00059692864
clip_fraction	0
clip_range	0.2
entropy_loss	-0.986
explained_variance	0.75
learning_rate	1e-06
loss	195
n_updates	14330
policy_gradient_loss	-0.000493
value_loss	497

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1435
time_elapsed	6088
total_timesteps	734720
train/	
approx_kl	0.0021958025
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.851
explained_variance	0.631
learning_rate	1e-06
loss	282
n_updates	14340
policy_gradient_loss	-0.00165
value_loss	585

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1436
time_elapsed	6092
total_timesteps	735232
train/	
approx_kl	0.0023191115
clip_fraction	0
clip_range	0.2
entropy_loss	-0.885
explained_variance	0.587
learning_rate	1e-06
loss	365
n_updates	14350
policy_gradient_loss	-0.00264
value_loss	640

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1437
time_elapsed	6096
total_timesteps	735744
train/	
approx_kl	0.0056778584
clip_fraction	0
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.756
learning_rate	1e-06
loss	40.7
n_updates	14360
policy_gradient_loss	-0.00341
value_loss	153

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1438
time_elapsed	6101
total_timesteps	736256

train/	
approx_kl	0.002345991
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.964
explained_variance	0.563
learning_rate	1e-06
loss	104
n_updates	14370
policy_gradient_loss	0.000315
value_loss	445

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1439
time_elapsed	6105
total_timesteps	736768
train/	
approx_kl	0.0008274878
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.886
explained_variance	0.869
learning_rate	1e-06
loss	45
n_updates	14380
policy_gradient_loss	-0.00104
value_loss	139

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1440
time_elapsed	6109
total_timesteps	737280
train/	
approx_kl	0.009097692
clip_fraction	0.0104
clip_range	0.2
entropy_loss	-0.909
explained_variance	0.786
learning_rate	1e-06
loss	90.8
n_updates	14390
policy_gradient_loss	-0.00701
value_loss	205

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1441
time_elapsed	6113
total_timesteps	737792
train/	
approx_kl	0.0006974157
clip_fraction	0
clip_range	0.2
entropy_loss	-0.827
explained_variance	0.72
learning_rate	1e-06
loss	179
n_updates	14400
policy_gradient_loss	0.00125
value_loss	439

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1442
time_elapsed	6118

total_timesteps	738304
train/	
approx_kl	0.00018210709
clip_fraction	0
clip_range	0.2
entropy_loss	-0.762
explained_variance	0.423
learning_rate	1e-06
loss	516
n_updates	14410
policy_gradient_loss	-0.000377
value_loss	641

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1443
time_elapsed	6122
total_timesteps	738816
train/	
approx_kl	0.00067776896
clip_fraction	0
clip_range	0.2
entropy_loss	-0.8
explained_variance	0.468
learning_rate	1e-06
loss	408
n_updates	14420
policy_gradient_loss	-0.00105
value_loss	619

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1444
time_elapsed	6126
total_timesteps	739328
train/	
approx_kl	0.0010270758
clip_fraction	0
clip_range	0.2
entropy_loss	-0.899
explained_variance	0.782
learning_rate	1e-06
loss	73.6
n_updates	14430
policy_gradient_loss	-0.00238
value_loss	164

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1445
time_elapsed	6130
total_timesteps	739840
train/	
approx_kl	0.0013571101
clip_fraction	0
clip_range	0.2
entropy_loss	-0.856
explained_variance	0.603
learning_rate	1e-06
loss	235
n_updates	14440
policy_gradient_loss	-0.000741
value_loss	591

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1446

time_elapsed	6136
total_timesteps	740352
train/	
approx_kl	0.0031083864
clip_fraction	0
clip_range	0.2
entropy_loss	-0.841
explained_variance	0.838
learning_rate	1e-06
loss	75.5
n_updates	14450
policy_gradient_loss	-0.00187
value_loss	206

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1447
time_elapsed	6140
total_timesteps	740864
train/	
approx_kl	0.00032878912
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.768
explained_variance	0.735
learning_rate	1e-06
loss	133
n_updates	14460
policy_gradient_loss	0.00157
value_loss	375

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1448
time_elapsed	6144
total_timesteps	741376
train/	
approx_kl	0.0005328049
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.905
explained_variance	0.867
learning_rate	1e-06
loss	83.3
n_updates	14470
policy_gradient_loss	-0.00221
value_loss	179

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1449
time_elapsed	6148
total_timesteps	741888
train/	
approx_kl	0.0019002289
clip_fraction	0
clip_range	0.2
entropy_loss	-0.79
explained_variance	0.735
learning_rate	1e-06
loss	414
n_updates	14480
policy_gradient_loss	-0.00279
value_loss	476

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120

iterations	1450
time_elapsed	6152
total_timesteps	742400
train/	
approx_kl	0.0003984758
clip_fraction	0
clip_range	0.2
entropy_loss	-0.7
explained_variance	0.651
learning_rate	1e-06
loss	50.8
n_updates	14490
policy_gradient_loss	0.000699
value_loss	132

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1451
time_elapsed	6157
total_timesteps	742912
train/	
approx_kl	0.002372504
clip_fraction	0
clip_range	0.2
entropy_loss	-0.74
explained_variance	0.652
learning_rate	1e-06
loss	231
n_updates	14500
policy_gradient_loss	-0.00159
value_loss	518

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1452
time_elapsed	6161
total_timesteps	743424
train/	
approx_kl	0.000677799
clip_fraction	0
clip_range	0.2
entropy_loss	-0.773
explained_variance	0.514
learning_rate	1e-06
loss	525
n_updates	14510
policy_gradient_loss	0.000525
value_loss	822

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1453
time_elapsed	6165
total_timesteps	743936
train/	
approx_kl	0.0035593882
clip_fraction	0.00996
clip_range	0.2
entropy_loss	-0.618
explained_variance	0.724
learning_rate	1e-06
loss	27.6
n_updates	14520
policy_gradient_loss	-0.00319
value_loss	84.2

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	

fps	120
iterations	1454
time_elapsed	6169
total_timesteps	744448
train/	
approx_kl	0.002854771
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.858
explained_variance	0.902
learning_rate	1e-06
loss	53.6
n_updates	14530
policy_gradient_loss	-0.000909
value_loss	108

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1455
time_elapsed	6174
total_timesteps	744960
train/	
approx_kl	0.0021721912
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.695
explained_variance	0.279
learning_rate	1e-06
loss	353
n_updates	14540
policy_gradient_loss	-0.00296
value_loss	877

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1456
time_elapsed	6178
total_timesteps	745472
train/	
approx_kl	0.0042602057
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.769
explained_variance	0.881
learning_rate	1e-06
loss	55.3
n_updates	14550
policy_gradient_loss	-0.000855
value_loss	153

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1457
time_elapsed	6182
total_timesteps	745984
train/	
approx_kl	0.00047329743
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.729
explained_variance	0.382
learning_rate	1e-06
loss	64.7
n_updates	14560
policy_gradient_loss	0.000286
value_loss	192

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03

time/	
fps	120
iterations	1458
time_elapsed	6187
total_timesteps	746496
train/	
approx_kl	0.0015490127
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.81
explained_variance	0.6
learning_rate	1e-06
loss	266
n_updates	14570
policy_gradient_loss	-0.00169
value_loss	612

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1459
time_elapsed	6191
total_timesteps	747008
train/	
approx_kl	0.0027058404
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.834
explained_variance	0.799
learning_rate	1e-06
loss	60
n_updates	14580
policy_gradient_loss	-0.0033
value_loss	128

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1460
time_elapsed	6195
total_timesteps	747520
train/	
approx_kl	0.0017375984
clip_fraction	0
clip_range	0.2
entropy_loss	-0.781
explained_variance	0.652
learning_rate	1e-06
loss	280
n_updates	14590
policy_gradient_loss	-0.00143
value_loss	615

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1461
time_elapsed	6199
total_timesteps	748032
train/	
approx_kl	0.0025095958
clip_fraction	0.0178
clip_range	0.2
entropy_loss	-0.7
explained_variance	0.482
learning_rate	1e-06
loss	306
n_updates	14600
policy_gradient_loss	-0.00241
value_loss	686

rollout/	
ep_len_mean	1.13e+03

ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1462
time_elapsed	6204
total_timesteps	748544
train/	
approx_kl	0.0011002882
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.521
learning_rate	1e-06
loss	210
n_updates	14610
policy_gradient_loss	-0.000996
value_loss	407

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1463
time_elapsed	6208
total_timesteps	749056
train/	
approx_kl	0.0019027833
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.804
explained_variance	0.792
learning_rate	1e-06
loss	198
n_updates	14620
policy_gradient_loss	0.00167
value_loss	341

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1464
time_elapsed	6212
total_timesteps	749568
train/	
approx_kl	0.0019937935
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.774
explained_variance	0.688
learning_rate	1e-06
loss	464
n_updates	14630
policy_gradient_loss	-0.00114
value_loss	617

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1465
time_elapsed	6217
total_timesteps	750080
train/	
approx_kl	0.007902519
clip_fraction	0.0859
clip_range	0.2
entropy_loss	-0.842
explained_variance	0.878
learning_rate	1e-06
loss	79.6
n_updates	14640
policy_gradient_loss	-0.00912
value_loss	127

rollout/	
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ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1466
time_elapsed	6221
total_timesteps	750592
train/	
approx_kl	0.0087287575
clip_fraction	0.0361
clip_range	0.2
entropy_loss	-0.952
explained_variance	0.818
learning_rate	1e-06
loss	70.7
n_updates	14650
policy_gradient_loss	-0.00317
value_loss	204

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1467
time_elapsed	6226
total_timesteps	751104
train/	
approx_kl	0.0006425384
clip_fraction	0
clip_range	0.2
entropy_loss	-0.992
explained_variance	0.834
learning_rate	1e-06
loss	193
n_updates	14660
policy_gradient_loss	-0.002
value_loss	365

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1468
time_elapsed	6230
total_timesteps	751616
train/	
approx_kl	0.0073578805
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.955
explained_variance	0.911
learning_rate	1e-06
loss	50.2
n_updates	14670
policy_gradient_loss	-0.00184
value_loss	145

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1469
time_elapsed	6234
total_timesteps	752128
train/	
approx_kl	0.0017077036
clip_fraction	0
clip_range	0.2
entropy_loss	-0.963
explained_variance	0.885
learning_rate	1e-06
loss	59.8
n_updates	14680
policy_gradient_loss	-0.0012
value_loss	163

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1470
time_elapsed	6238
total_timesteps	752640
train/	
approx_kl	0.0069040796
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.926
explained_variance	0.915
learning_rate	1e-06
loss	134
n_updates	14690
policy_gradient_loss	-0.00488
value_loss	227

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1471
time_elapsed	6243
total_timesteps	753152
train/	
approx_kl	0.0058905915
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.915
explained_variance	0.858
learning_rate	1e-06
loss	58.7
n_updates	14700
policy_gradient_loss	-0.00638
value_loss	193

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1472
time_elapsed	6247
total_timesteps	753664
train/	
approx_kl	0.0027870156
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.949
explained_variance	0.812
learning_rate	1e-06
loss	252
n_updates	14710
policy_gradient_loss	-0.00229
value_loss	488

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1473
time_elapsed	6251
total_timesteps	754176
train/	
approx_kl	0.00528854
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.864
explained_variance	0.892
learning_rate	1e-06
loss	83.5
n_updates	14720
policy_gradient_loss	-0.00361
value_loss	233

rollout/		
ep_len_mean		1.14e+03
ep_rew_mean		1.82e+03
time/		
fps		120
iterations		1474
time_elapsed		6255
total_timesteps		754688
train/		
approx_kl		0.0026944878
clip_fraction		0.00879
clip_range		0.2
entropy_loss		-0.749
explained_variance		0.896
learning_rate		1e-06
loss		37
n_updates		14730
policy_gradient_loss		-0.0029
value_loss		79.5

rollout/		
ep_len_mean		1.14e+03
ep_rew_mean		1.82e+03
time/		
fps		120
iterations		1475
time_elapsed		6259
total_timesteps		755200
train/		
approx_kl		0.0027254485
clip_fraction		0
clip_range		0.2
entropy_loss		-0.706
explained_variance		0.772
learning_rate		1e-06
loss		158
n_updates		14740
policy_gradient_loss		-0.00205
value_loss		282

rollout/		
ep_len_mean		1.14e+03
ep_rew_mean		1.83e+03
time/		
fps		120
iterations		1476
time_elapsed		6264
total_timesteps		755712
train/		
approx_kl		0.0010044517
clip_fraction		0.00254
clip_range		0.2
entropy_loss		-0.74
explained_variance		0.569
learning_rate		1e-06
loss		143
n_updates		14750
policy_gradient_loss		0.000879
value_loss		781

rollout/		
ep_len_mean		1.14e+03
ep_rew_mean		1.83e+03
time/		
fps		120
iterations		1477
time_elapsed		6268
total_timesteps		756224
train/		
approx_kl		0.0043139495
clip_fraction		0.00332
clip_range		0.2
entropy_loss		-0.884
explained_variance		0.885
learning_rate		1e-06
loss		107
n_updates		14760
policy_gradient_loss		-0.00129
value_loss		244

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1478
time_elapsed	6272
total_timesteps	756736
train/	
approx_kl	0.004731491
clip_fraction	0.049
clip_range	0.2
entropy_loss	-0.839
explained_variance	0.87
learning_rate	1e-06
loss	45.9
n_updates	14770
policy_gradient_loss	-0.00324
value_loss	113

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1479
time_elapsed	6276
total_timesteps	757248
train/	
approx_kl	0.00181663
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.901
explained_variance	0.653
learning_rate	1e-06
loss	158
n_updates	14780
policy_gradient_loss	-0.0012
value_loss	821

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1480
time_elapsed	6281
total_timesteps	757760
train/	
approx_kl	0.008168998
clip_fraction	0.0629
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.904
learning_rate	1e-06
loss	98
n_updates	14790
policy_gradient_loss	-0.01
value_loss	187

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1481
time_elapsed	6285
total_timesteps	758272
train/	
approx_kl	0.0058791228
clip_fraction	0.0312
clip_range	0.2
entropy_loss	-0.961
explained_variance	0.927
learning_rate	1e-06
loss	19.8
n_updates	14800
policy_gradient_loss	-0.0051

	value_loss		123	
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	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.82e+03	
	time/			
	fps		120	
	iterations		1482	
	time_elapsed		6289	
	total_timesteps		758784	
	train/			
	approx_kl		0.0032985187	
	clip_fraction		0.00801	
	clip_range		0.2	
	entropy_loss		-1	
	explained_variance		0.337	
	learning_rate		1e-06	
	loss		210	
	n_updates		14810	
	policy_gradient_loss		-0.00102	
	value_loss		754	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.82e+03	
	time/			
	fps		120	
	iterations		1483	
	time_elapsed		6293	
	total_timesteps		759296	
	train/			
	approx_kl		0.003817216	
	clip_fraction		0.00391	
	clip_range		0.2	
	entropy_loss		-1.01	
	explained_variance		0.323	
	learning_rate		1e-06	
	loss		60.9	
	n_updates		14820	
	policy_gradient_loss		-0.0028	
	value_loss		164	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.82e+03	
	time/			
	fps		120	
	iterations		1484	
	time_elapsed		6297	
	total_timesteps		759808	
	train/			
	approx_kl		0.0014451311	
	clip_fraction		0.00137	
	clip_range		0.2	
	entropy_loss		-1.02	
	explained_variance		0.885	
	learning_rate		1e-06	
	loss		54.2	
	n_updates		14830	
	policy_gradient_loss		0.00272	
	value_loss		116	

	rollout/			
	ep_len_mean		1.14e+03	
	ep_rew_mean		1.82e+03	
	time/			
	fps		120	
	iterations		1485	
	time_elapsed		6302	
	total_timesteps		760320	
	train/			
	approx_kl		0.002079586	
	clip_fraction		0.00117	
	clip_range		0.2	
	entropy_loss		-1.01	
	explained_variance		0.778	
	learning_rate		1e-06	
	loss		299	
	n_updates		14840	

policy_gradient_loss	0.00167
value_loss	596

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1486
time_elapsed	6306
total_timesteps	760832
train/	
approx_kl	0.009554692
clip_fraction	0.0299
clip_range	0.2
entropy_loss	-1.05
explained_variance	0.91
learning_rate	1e-06
loss	45.2
n_updates	14850
policy_gradient_loss	-0.00395
value_loss	140

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1487
time_elapsed	6310
total_timesteps	761344
train/	
approx_kl	0.002517364
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-1.04
explained_variance	0.848
learning_rate	1e-06
loss	225
n_updates	14860
policy_gradient_loss	-0.00297
value_loss	487

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1488
time_elapsed	6315
total_timesteps	761856
train/	
approx_kl	0.0025138047
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.795
learning_rate	1e-06
loss	94.5
n_updates	14870
policy_gradient_loss	-0.00165
value_loss	326

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1489
time_elapsed	6319
total_timesteps	762368
train/	
approx_kl	0.00043317524
clip_fraction	0
clip_range	0.2
entropy_loss	-1.18
explained_variance	0.887
learning_rate	1e-06
loss	53.8

n_updates	14880
policy_gradient_loss	-0.000541
value_loss	415

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1490
time_elapsed	6323
total_timesteps	762880
train/	
approx_kl	0.0040028943
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.755
learning_rate	1e-06
loss	62
n_updates	14890
policy_gradient_loss	-0.0036
value_loss	187

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1491
time_elapsed	6327
total_timesteps	763392
train/	
approx_kl	0.008486682
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.901
learning_rate	1e-06
loss	53.5
n_updates	14900
policy_gradient_loss	-0.00346
value_loss	143

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1492
time_elapsed	6331
total_timesteps	763904
train/	
approx_kl	0.0018101188
clip_fraction	0
clip_range	0.2
entropy_loss	-1.12
explained_variance	0.163
learning_rate	1e-06
loss	997
n_updates	14910
policy_gradient_loss	-0.000972
value_loss	1.13e+03

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1493
time_elapsed	6336
total_timesteps	764416
train/	
approx_kl	0.0014635649
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.03
explained_variance	0.781
learning_rate	1e-06

loss	46.5
n_updates	14920
policy_gradient_loss	-0.00107
value_loss	105

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1494
time_elapsed	6340
total_timesteps	764928
train/	
approx_kl	0.0023632362
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-1.02
explained_variance	0.253
learning_rate	1e-06
loss	390
n_updates	14930
policy_gradient_loss	-0.000958
value_loss	1.07e+03

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1495
time_elapsed	6344
total_timesteps	765440
train/	
approx_kl	0.009422885
clip_fraction	0.0182
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.585
learning_rate	1e-06
loss	83.4
n_updates	14940
policy_gradient_loss	-0.00702
value_loss	560

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1496
time_elapsed	6348
total_timesteps	765952
train/	
approx_kl	0.0011126387
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.924
learning_rate	1e-06
loss	63
n_updates	14950
policy_gradient_loss	-0.000473
value_loss	113

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1497
time_elapsed	6352
total_timesteps	766464
train/	
approx_kl	0.0022535224
clip_fraction	0.0152
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.662

learning_rate	1e-06
loss	300
n_updates	14960
policy_gradient_loss	-0.00199
value_loss	903

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1498
time_elapsed	6356
total_timesteps	766976
train/	
approx_kl	0.011342956
clip_fraction	0.0125
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.0586
learning_rate	1e-06
loss	37.6
n_updates	14970
policy_gradient_loss	-0.00234
value_loss	273

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1499
time_elapsed	6361
total_timesteps	767488
train/	
approx_kl	0.0053703026
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.572
learning_rate	1e-06
loss	235
n_updates	14980
policy_gradient_loss	-0.0074
value_loss	496

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1500
time_elapsed	6365
total_timesteps	768000
train/	
approx_kl	0.0011810379
clip_fraction	0
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.423
learning_rate	1e-06
loss	422
n_updates	14990
policy_gradient_loss	0.000222
value_loss	975

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1501
time_elapsed	6369
total_timesteps	768512
train/	
approx_kl	0.012499964
clip_fraction	0.0479
clip_range	0.2
entropy_loss	-1.12

explained_variance	0.841
learning_rate	1e-06
loss	61.5
n_updates	15000
policy_gradient_loss	-0.00616
value_loss	140

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1502
time_elapsed	6373
total_timesteps	769024
train/	
approx_kl	0.0063446336
clip_fraction	0.0281
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.9
learning_rate	1e-06
loss	48.8
n_updates	15010
policy_gradient_loss	-0.00757
value_loss	109

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1503
time_elapsed	6377
total_timesteps	769536
train/	
approx_kl	0.0034090765
clip_fraction	0.0176
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.527
learning_rate	1e-06
loss	436
n_updates	15020
policy_gradient_loss	-0.000628
value_loss	737

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1504
time_elapsed	6383
total_timesteps	770048
train/	
approx_kl	0.008751434
clip_fraction	0.0439
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.742
learning_rate	1e-06
loss	84.6
n_updates	15030
policy_gradient_loss	-0.00925
value_loss	231

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1505
time_elapsed	6387
total_timesteps	770560
train/	
approx_kl	0.007862855
clip_fraction	0.0174
clip_range	0.2

entropy_loss	-1.07
explained_variance	0.768
learning_rate	1e-06
loss	33.1
n_updates	15040
policy_gradient_loss	-0.00301
value_loss	102

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1506
time_elapsed	6391
total_timesteps	771072
train/	
approx_kl	0.0013640361
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.696
learning_rate	1e-06
loss	116
n_updates	15050
policy_gradient_loss	0.00369
value_loss	450

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1507
time_elapsed	6395
total_timesteps	771584
train/	
approx_kl	0.0044630887
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.906
learning_rate	1e-06
loss	41.9
n_updates	15060
policy_gradient_loss	-0.00249
value_loss	144

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1508
time_elapsed	6399
total_timesteps	772096
train/	
approx_kl	0.0036962905
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.777
learning_rate	1e-06
loss	171
n_updates	15070
policy_gradient_loss	-0.00258
value_loss	526

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1509
time_elapsed	6403
total_timesteps	772608
train/	
approx_kl	0.0033869997
clip_fraction	0

clip_range	0.2
entropy_loss	-1.18
explained_variance	0.847
learning_rate	1e-06
loss	42.4
n_updates	15080
policy_gradient_loss	-0.00117
value_loss	139

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1510
time_elapsed	6408
total_timesteps	773120
train/	
approx_kl	0.0051032417
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-1.15
explained_variance	0.797
learning_rate	1e-06
loss	118
n_updates	15090
policy_gradient_loss	-0.00245
value_loss	233

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1511
time_elapsed	6412
total_timesteps	773632
train/	
approx_kl	0.004120313
clip_fraction	0.00918
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.542
learning_rate	1e-06
loss	241
n_updates	15100
policy_gradient_loss	-0.000219
value_loss	687

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1512
time_elapsed	6416
total_timesteps	774144
train/	
approx_kl	0.011734534
clip_fraction	0.0225
clip_range	0.2
entropy_loss	-1.17
explained_variance	0.857
learning_rate	1e-06
loss	66.4
n_updates	15110
policy_gradient_loss	-0.0037
value_loss	124

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1513
time_elapsed	6420
total_timesteps	774656
train/	
approx_kl	0.00088797277

clip_fraction	0
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.836
learning_rate	1e-06
loss	56.5
n_updates	15120
policy_gradient_loss	0.000199
value_loss	172

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1514
time_elapsed	6424
total_timesteps	775168
train/	
approx_kl	0.006323172
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-1.16
explained_variance	0.866
learning_rate	1e-06
loss	99.2
n_updates	15130
policy_gradient_loss	-0.0035
value_loss	333

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1515
time_elapsed	6429
total_timesteps	775680
train/	
approx_kl	0.0012686487
clip_fraction	0
clip_range	0.2
entropy_loss	-1.14
explained_variance	0.853
learning_rate	1e-06
loss	111
n_updates	15140
policy_gradient_loss	-0.00133
value_loss	190

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1516
time_elapsed	6433
total_timesteps	776192
train/	
approx_kl	0.0038388697
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-1.13
explained_variance	0.933
learning_rate	1e-06
loss	47.6
n_updates	15150
policy_gradient_loss	-0.00099
value_loss	107

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1517
time_elapsed	6437
total_timesteps	776704
train/	

approx_kl	0.0029892204
clip_fraction	0.0252
clip_range	0.2
entropy_loss	-1.08
explained_variance	0.671
learning_rate	1e-06
loss	322
n_updates	15160
policy_gradient_loss	-0.000607
value_loss	734

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1518
time_elapsed	6441
total_timesteps	777216
train/	
approx_kl	0.0020475825
clip_fraction	0
clip_range	0.2
entropy_loss	-1.11
explained_variance	0.735
learning_rate	1e-06
loss	57.9
n_updates	15170
policy_gradient_loss	-0.00107
value_loss	129

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1519
time_elapsed	6446
total_timesteps	777728
train/	
approx_kl	0.013961018
clip_fraction	0.0258
clip_range	0.2
entropy_loss	-1.07
explained_variance	0.836
learning_rate	1e-06
loss	63.8
n_updates	15180
policy_gradient_loss	-0.00611
value_loss	198

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1520
time_elapsed	6450
total_timesteps	778240
train/	
approx_kl	0.002714723
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.786
learning_rate	1e-06
loss	81.9
n_updates	15190
policy_gradient_loss	-0.00176
value_loss	335

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1521
time_elapsed	6454
total_timesteps	778752

train/	
approx_kl	0.019021632
clip_fraction	0.0668
clip_range	0.2
entropy_loss	-1
explained_variance	0.761
learning_rate	1e-06
loss	63.1
n_updates	15200
policy_gradient_loss	-0.0119
value_loss	243

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1522
time_elapsed	6458
total_timesteps	779264
train/	
approx_kl	0.010193764
clip_fraction	0.0441
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.753
learning_rate	1e-06
loss	213
n_updates	15210
policy_gradient_loss	-0.00811
value_loss	751

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1523
time_elapsed	6462
total_timesteps	779776
train/	
approx_kl	0.0065538445
clip_fraction	0.0271
clip_range	0.2
entropy_loss	-0.978
explained_variance	0.849
learning_rate	1e-06
loss	49.1
n_updates	15220
policy_gradient_loss	-0.00311
value_loss	156

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1524
time_elapsed	6467
total_timesteps	780288
train/	
approx_kl	0.0007640779
clip_fraction	0
clip_range	0.2
entropy_loss	-0.882
explained_variance	0.878
learning_rate	1e-06
loss	37.3
n_updates	15230
policy_gradient_loss	-0.000884
value_loss	143

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1525
time_elapsed	6472

total_timesteps	780800
train/	
approx_kl	0.0034274766
clip_fraction	0.0348
clip_range	0.2
entropy_loss	-0.912
explained_variance	0.864
learning_rate	1e-06
loss	37.1
n_updates	15240
policy_gradient_loss	-0.00361
value_loss	107

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1526
time_elapsed	6476
total_timesteps	781312
train/	
approx_kl	0.012829345
clip_fraction	0.0633
clip_range	0.2
entropy_loss	-0.874
explained_variance	0.848
learning_rate	1e-06
loss	46
n_updates	15250
policy_gradient_loss	-0.00683
value_loss	232

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1527
time_elapsed	6480
total_timesteps	781824
train/	
approx_kl	0.0076373955
clip_fraction	0.0549
clip_range	0.2
entropy_loss	-0.706
explained_variance	0.907
learning_rate	1e-06
loss	26.6
n_updates	15260
policy_gradient_loss	-0.00509
value_loss	75.6

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1528
time_elapsed	6484
total_timesteps	782336
train/	
approx_kl	0.002222882
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.736
explained_variance	0.678
learning_rate	1e-06
loss	297
n_updates	15270
policy_gradient_loss	0.000641
value_loss	560

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1529

time_elapsed	6488
total_timesteps	782848
train/	
approx_kl	0.00095135544
clip_fraction	0
clip_range	0.2
entropy_loss	-0.623
explained_variance	0.907
learning_rate	1e-06
loss	40.1
n_updates	15280
policy_gradient_loss	-0.00103
value_loss	141

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	1.89e+03
time/	
fps	120
iterations	1530
time_elapsed	6493
total_timesteps	783360
train/	
approx_kl	0.0008837357
clip_fraction	0
clip_range	0.2
entropy_loss	-0.63
explained_variance	0.853
learning_rate	1e-06
loss	97.7
n_updates	15290
policy_gradient_loss	-0.00185
value_loss	216

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	1.89e+03
time/	
fps	120
iterations	1531
time_elapsed	6497
total_timesteps	783872
train/	
approx_kl	0.0030974795
clip_fraction	0.0117
clip_range	0.2
entropy_loss	-0.748
explained_variance	0.718
learning_rate	1e-06
loss	158
n_updates	15300
policy_gradient_loss	-0.00103
value_loss	559

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1532
time_elapsed	6501
total_timesteps	784384
train/	
approx_kl	0.0057964996
clip_fraction	0.0377
clip_range	0.2
entropy_loss	-0.565
explained_variance	0.915
learning_rate	1e-06
loss	54.3
n_updates	15310
policy_gradient_loss	-0.0056
value_loss	152

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.87e+03
time/	
fps	120

iterations	1533
time_elapsed	6505
total_timesteps	784896
train/	
approx_kl	0.00034673244
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.44
explained_variance	0.719
learning_rate	1e-06
loss	361
n_updates	15320
policy_gradient_loss	0.00162
value_loss	457

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1534
time_elapsed	6509
total_timesteps	785408
train/	
approx_kl	0.0002730745
clip_fraction	0
clip_range	0.2
entropy_loss	-0.49
explained_variance	0.866
learning_rate	1e-06
loss	106
n_updates	15330
policy_gradient_loss	0.000589
value_loss	357

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1535
time_elapsed	6514
total_timesteps	785920
train/	
approx_kl	0.0020963685
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.482
explained_variance	0.735
learning_rate	1e-06
loss	107
n_updates	15340
policy_gradient_loss	-0.00155
value_loss	272

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1536
time_elapsed	6518
total_timesteps	786432
train/	
approx_kl	0.0014605318
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.46
explained_variance	0.532
learning_rate	1e-06
loss	440
n_updates	15350
policy_gradient_loss	-0.002
value_loss	896

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	

fps	120
iterations	1537
time_elapsed	6522
total_timesteps	786944
train/	
approx_kl	0.0034758672
clip_fraction	0.0312
clip_range	0.2
entropy_loss	-0.335
explained_variance	0.844
learning_rate	1e-06
loss	28.1
n_updates	15360
policy_gradient_loss	-0.00531
value_loss	78.5

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1538
time_elapsed	6526
total_timesteps	787456
train/	
approx_kl	0.0011795745
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.41
explained_variance	0.587
learning_rate	1e-06
loss	337
n_updates	15370
policy_gradient_loss	-0.00114
value_loss	679

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1539
time_elapsed	6530
total_timesteps	787968
train/	
approx_kl	0.00091202173
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.329
explained_variance	0.703
learning_rate	1e-06
loss	40.1
n_updates	15380
policy_gradient_loss	-0.00169
value_loss	110

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1540
time_elapsed	6535
total_timesteps	788480
train/	
approx_kl	0.001735946
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.384
explained_variance	0.849
learning_rate	1e-06
loss	69.8
n_updates	15390
policy_gradient_loss	-0.00152
value_loss	261

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03

time/	
fps	120
iterations	1541
time_elapsed	6539
total_timesteps	788992
train/	
approx_kl	0.00033139042
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.289
explained_variance	0.5
learning_rate	1e-06
loss	63.7
n_updates	15400
policy_gradient_loss	-0.00109
value_loss	791

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1542
time_elapsed	6543
total_timesteps	789504
train/	
approx_kl	0.0015820571
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.403
explained_variance	0.868
learning_rate	1e-06
loss	33.4
n_updates	15410
policy_gradient_loss	-0.00144
value_loss	149

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1543
time_elapsed	6548
total_timesteps	790016
train/	
approx_kl	0.00086379936
clip_fraction	0.0209
clip_range	0.2
entropy_loss	-0.398
explained_variance	0.662
learning_rate	1e-06
loss	477
n_updates	15420
policy_gradient_loss	-0.001
value_loss	711

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1544
time_elapsed	6553
total_timesteps	790528
train/	
approx_kl	0.0036780464
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.438
explained_variance	0.745
learning_rate	1e-06
loss	82.7
n_updates	15430
policy_gradient_loss	-0.000941
value_loss	178

rollout/	
ep_len_mean	1.18e+03

ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1545
time_elapsed	6557
total_timesteps	791040
train/	
approx_kl	0.005008661
clip_fraction	0.0492
clip_range	0.2
entropy_loss	-0.517
explained_variance	0.89
learning_rate	1e-06
loss	36.4
n_updates	15440
policy_gradient_loss	-0.00542
value_loss	110

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1546
time_elapsed	6561
total_timesteps	791552
train/	
approx_kl	0.0024638814
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.626
explained_variance	0.897
learning_rate	1e-06
loss	62.2
n_updates	15450
policy_gradient_loss	-0.000517
value_loss	211

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1547
time_elapsed	6565
total_timesteps	792064
train/	
approx_kl	0.00024898
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.659
explained_variance	0.898
learning_rate	1e-06
loss	48.8
n_updates	15460
policy_gradient_loss	-0.000834
value_loss	95.3

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1548
time_elapsed	6569
total_timesteps	792576
train/	
approx_kl	0.0028893794
clip_fraction	0.00879
clip_range	0.2
entropy_loss	-0.792
explained_variance	0.605
learning_rate	1e-06
loss	1.24e+03
n_updates	15470
policy_gradient_loss	0.00115
value_loss	1.19e+03

rollout/	
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ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1549
time_elapsed	6574
total_timesteps	793088
train/	
approx_kl	0.00083807786
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.702
explained_variance	0.862
learning_rate	1e-06
loss	95.8
n_updates	15480
policy_gradient_loss	-0.000451
value_loss	206

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1550
time_elapsed	6578
total_timesteps	793600
train/	
approx_kl	0.0011714961
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.801
explained_variance	0.832
learning_rate	1e-06
loss	388
n_updates	15490
policy_gradient_loss	4.52e-05
value_loss	631

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1551
time_elapsed	6582
total_timesteps	794112
train/	
approx_kl	0.007954836
clip_fraction	0.0443
clip_range	0.2
entropy_loss	-0.633
explained_variance	0.786
learning_rate	1e-06
loss	79.9
n_updates	15500
policy_gradient_loss	-0.00291
value_loss	201

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1552
time_elapsed	6586
total_timesteps	794624
train/	
approx_kl	0.007526449
clip_fraction	0.0377
clip_range	0.2
entropy_loss	-0.645
explained_variance	0.967
learning_rate	1e-06
loss	24.9
n_updates	15510
policy_gradient_loss	-0.00328
value_loss	130

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1553
time_elapsed	6591
total_timesteps	795136
train/	
approx_kl	0.00065403
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.455
explained_variance	0.613
learning_rate	1e-06
loss	159
n_updates	15520
policy_gradient_loss	-0.000594
value_loss	586

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1554
time_elapsed	6595
total_timesteps	795648
train/	
approx_kl	0.0012890826
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.633
explained_variance	0.908
learning_rate	1e-06
loss	107
n_updates	15530
policy_gradient_loss	-0.00098
value_loss	153

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1555
time_elapsed	6599
total_timesteps	796160
train/	
approx_kl	0.0029092568
clip_fraction	0.0127
clip_range	0.2
entropy_loss	-0.528
explained_variance	0.925
learning_rate	1e-06
loss	36.5
n_updates	15540
policy_gradient_loss	-0.00304
value_loss	168

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.86e+03
time/	
fps	120
iterations	1556
time_elapsed	6603
total_timesteps	796672
train/	
approx_kl	0.0012554254
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.515
explained_variance	0.886
learning_rate	1e-06
loss	31.1
n_updates	15550
policy_gradient_loss	-0.000324
value_loss	99

rollout/		
ep_len_mean	1.17e+03	
ep_rew_mean	1.86e+03	
time/		
fps	120	
iterations	1557	
time_elapsed	6607	
total_timesteps	797184	
train/		
approx_kl	0.001911178	
clip_fraction	0.017	
clip_range	0.2	
entropy_loss	-0.5	
explained_variance	0.949	
learning_rate	1e-06	
loss	31.4	
n_updates	15560	
policy_gradient_loss	-0.00118	
value_loss	112	

rollout/		
ep_len_mean	1.17e+03	
ep_rew_mean	1.86e+03	
time/		
fps	120	
iterations	1558	
time_elapsed	6611	
total_timesteps	797696	
train/		
approx_kl	0.0025775072	
clip_fraction	0.00977	
clip_range	0.2	
entropy_loss	-0.502	
explained_variance	0.644	
learning_rate	1e-06	
loss	45.4	
n_updates	15570	
policy_gradient_loss	-0.00235	
value_loss	137	

rollout/		
ep_len_mean	1.17e+03	
ep_rew_mean	1.86e+03	
time/		
fps	120	
iterations	1559	
time_elapsed	6616	
total_timesteps	798208	
train/		
approx_kl	0.0028330237	
clip_fraction	0.0184	
clip_range	0.2	
entropy_loss	-0.614	
explained_variance	0.716	
learning_rate	1e-06	
loss	212	
n_updates	15580	
policy_gradient_loss	-0.000321	
value_loss	648	

rollout/		
ep_len_mean	1.17e+03	
ep_rew_mean	1.85e+03	
time/		
fps	120	
iterations	1560	
time_elapsed	6620	
total_timesteps	798720	
train/		
approx_kl	0.0011115116	
clip_fraction	0.000195	
clip_range	0.2	
entropy_loss	-0.517	
explained_variance	0.871	
learning_rate	1e-06	
loss	97.6	
n_updates	15590	
policy_gradient_loss	-0.00166	
value_loss	154	

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1561
time_elapsed	6624
total_timesteps	799232
train/	
approx_kl	0.001353638
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.529
explained_variance	0.424
learning_rate	1e-06
loss	589
n_updates	15600
policy_gradient_loss	-0.0015
value_loss	918

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1562
time_elapsed	6628
total_timesteps	799744
train/	
approx_kl	0.0019084841
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.526
explained_variance	0.859
learning_rate	1e-06
loss	46.3
n_updates	15610
policy_gradient_loss	-0.00196
value_loss	143

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1563
time_elapsed	6633
total_timesteps	800256
train/	
approx_kl	0.0012180277
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.612
explained_variance	0.695
learning_rate	1e-06
loss	165
n_updates	15620
policy_gradient_loss	0.000154
value_loss	1e+03

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1564
time_elapsed	6638
total_timesteps	800768
train/	
approx_kl	0.0023479084
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.528
explained_variance	0.888
learning_rate	1e-06
loss	70.1
n_updates	15630
policy_gradient_loss	-0.000564

value_loss	183
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rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1565
time_elapsed	6642
total_timesteps	801280
train/	
approx_kl	0.0010901492
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.413
explained_variance	0.592
learning_rate	1e-06
loss	147
n_updates	15640
policy_gradient_loss	-0.00168
value_loss	795

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1566
time_elapsed	6646
total_timesteps	801792
train/	
approx_kl	0.0035847735
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.618
explained_variance	0.694
learning_rate	1e-06
loss	216
n_updates	15650
policy_gradient_loss	8.6e-05
value_loss	510

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1567
time_elapsed	6650
total_timesteps	802304
train/	
approx_kl	0.0009787699
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.462
explained_variance	0.916
learning_rate	1e-06
loss	109
n_updates	15660
policy_gradient_loss	-0.00225
value_loss	225

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1568
time_elapsed	6654
total_timesteps	802816
train/	
approx_kl	0.0025510918
clip_fraction	0.0193
clip_range	0.2
entropy_loss	-0.479
explained_variance	0.89
learning_rate	1e-06
loss	53.3
n_updates	15670

policy_gradient_loss	-0.003
value_loss	142

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1569
time_elapsed	6659
total_timesteps	803328
train/	
approx_kl	0.0016134977
clip_fraction	0.016
clip_range	0.2
entropy_loss	-0.401
explained_variance	0.634
learning_rate	1e-06
loss	373
n_updates	15680
policy_gradient_loss	-0.00351
value_loss	519

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1570
time_elapsed	6663
total_timesteps	803840
train/	
approx_kl	0.0010573647
clip_fraction	0
clip_range	0.2
entropy_loss	-0.592
explained_variance	0.895
learning_rate	1e-06
loss	87
n_updates	15690
policy_gradient_loss	-0.00246
value_loss	212

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1571
time_elapsed	6667
total_timesteps	804352
train/	
approx_kl	0.0002066365
clip_fraction	0
clip_range	0.2
entropy_loss	-0.513
explained_variance	0.897
learning_rate	1e-06
loss	71.4
n_updates	15700
policy_gradient_loss	-0.000521
value_loss	178

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1572
time_elapsed	6671
total_timesteps	804864
train/	
approx_kl	0.0043844823
clip_fraction	0.0213
clip_range	0.2
entropy_loss	-0.69
explained_variance	0.675
learning_rate	1e-06
loss	328

n_updates	15710
policy_gradient_loss	0.00344
value_loss	829

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1573
time_elapsed	6675
total_timesteps	805376
train/	
approx_kl	0.00056263676
clip_fraction	0
clip_range	0.2
entropy_loss	-0.511
explained_variance	0.55
learning_rate	1e-06
loss	853
n_updates	15720
policy_gradient_loss	0.000697
value_loss	1.11e+03

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1574
time_elapsed	6680
total_timesteps	805888
train/	
approx_kl	0.0011793071
clip_fraction	0.00996
clip_range	0.2
entropy_loss	-0.408
explained_variance	0.716
learning_rate	1e-06
loss	377
n_updates	15730
policy_gradient_loss	-0.00239
value_loss	713

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1575
time_elapsed	6684
total_timesteps	806400
train/	
approx_kl	0.0008654491
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.503
explained_variance	0.753
learning_rate	1e-06
loss	44.1
n_updates	15740
policy_gradient_loss	0.00241
value_loss	187

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1576
time_elapsed	6688
total_timesteps	806912
train/	
approx_kl	0.0023545264
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-0.512
explained_variance	0.577
learning_rate	1e-06

loss	173
n_updates	15750
policy_gradient_loss	-0.00201
value_loss	849

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1577
time_elapsed	6692
total_timesteps	807424
train/	
approx_kl	0.0012991481
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.617
explained_variance	0.605
learning_rate	1e-06
loss	253
n_updates	15760
policy_gradient_loss	-0.00108
value_loss	575

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1578
time_elapsed	6697
total_timesteps	807936
train/	
approx_kl	0.0019282887
clip_fraction	0.0363
clip_range	0.2
entropy_loss	-0.533
explained_variance	0.878
learning_rate	1e-06
loss	68.4
n_updates	15770
policy_gradient_loss	-0.00388
value_loss	213

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1579
time_elapsed	6701
total_timesteps	808448
train/	
approx_kl	0.0015312738
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.627
explained_variance	0.884
learning_rate	1e-06
loss	77.1
n_updates	15780
policy_gradient_loss	-0.00258
value_loss	196

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.82e+03
time/	
fps	120
iterations	1580
time_elapsed	6705
total_timesteps	808960
train/	
approx_kl	0.0053514643
clip_fraction	0.049
clip_range	0.2
entropy_loss	-0.624
explained_variance	0.5

learning_rate	1e-06
loss	329
n_updates	15790
policy_gradient_loss	-0.00645
value_loss	804

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1581
time_elapsed	6709
total_timesteps	809472
train/	
approx_kl	0.0043657236
clip_fraction	0.0426
clip_range	0.2
entropy_loss	-0.662
explained_variance	0.801
learning_rate	1e-06
loss	118
n_updates	15800
policy_gradient_loss	-0.00239
value_loss	251

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1582
time_elapsed	6713
total_timesteps	809984
train/	
approx_kl	0.0042429483
clip_fraction	0.0367
clip_range	0.2
entropy_loss	-0.736
explained_variance	0.9
learning_rate	1e-06
loss	142
n_updates	15810
policy_gradient_loss	-0.00346
value_loss	263

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1583
time_elapsed	6719
total_timesteps	810496
train/	
approx_kl	0.008707467
clip_fraction	0.0785
clip_range	0.2
entropy_loss	-0.65
explained_variance	0.852
learning_rate	1e-06
loss	26.7
n_updates	15820
policy_gradient_loss	-0.00712
value_loss	101

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1584
time_elapsed	6723
total_timesteps	811008
train/	
approx_kl	0.0021703648
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.624

explained_variance	0.614
learning_rate	1e-06
loss	100
n_updates	15830
policy_gradient_loss	-0.000847
value_loss	685

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1585
time_elapsed	6727
total_timesteps	811520
train/	
approx_kl	0.00422216
clip_fraction	0.0387
clip_range	0.2
entropy_loss	-0.594
explained_variance	0.714
learning_rate	1e-06
loss	184
n_updates	15840
policy_gradient_loss	-0.00147
value_loss	498

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1586
time_elapsed	6731
total_timesteps	812032
train/	
approx_kl	0.0019349176
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.591
explained_variance	0.781
learning_rate	1e-06
loss	275
n_updates	15850
policy_gradient_loss	-0.000423
value_loss	714

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1587
time_elapsed	6735
total_timesteps	812544
train/	
approx_kl	0.0034483792
clip_fraction	0.0244
clip_range	0.2
entropy_loss	-0.481
explained_variance	0.407
learning_rate	1e-06
loss	304
n_updates	15860
policy_gradient_loss	-0.00526
value_loss	953

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1588
time_elapsed	6740
total_timesteps	813056
train/	
approx_kl	0.005009681
clip_fraction	0.023
clip_range	0.2

entropy_loss	-0.506
explained_variance	0.87
learning_rate	1e-06
loss	46.9
n_updates	15870
policy_gradient_loss	-0.00136
value_loss	125

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1589
time_elapsed	6744
total_timesteps	813568
train/	
approx_kl	0.0010599365
clip_fraction	0.00723
clip_range	0.2
entropy_loss	-0.505
explained_variance	0.776
learning_rate	1e-06
loss	222
n_updates	15880
policy_gradient_loss	0.000382
value_loss	498

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.79e+03
time/	
fps	120
iterations	1590
time_elapsed	6748
total_timesteps	814080
train/	
approx_kl	0.0037460825
clip_fraction	0.0221
clip_range	0.2
entropy_loss	-0.457
explained_variance	0.826
learning_rate	1e-06
loss	59.9
n_updates	15890
policy_gradient_loss	-0.00175
value_loss	185

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1591
time_elapsed	6752
total_timesteps	814592
train/	
approx_kl	0.0010820215
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.588
explained_variance	0.925
learning_rate	1e-06
loss	83.1
n_updates	15900
policy_gradient_loss	0.00145
value_loss	199

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1592
time_elapsed	6757
total_timesteps	815104
train/	
approx_kl	0.001623132
clip_fraction	0.00137

clip_range	0.2
entropy_loss	-0.549
explained_variance	0.735
learning_rate	1e-06
loss	133
n_updates	15910
policy_gradient_loss	-0.00249
value_loss	432

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.79e+03
time/	
fps	120
iterations	1593
time_elapsed	6761
total_timesteps	815616
train/	
approx_kl	0.009108323
clip_fraction	0.0834
clip_range	0.2
entropy_loss	-0.541
explained_variance	0.853
learning_rate	1e-06
loss	133
n_updates	15920
policy_gradient_loss	-0.0114
value_loss	292

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1594
time_elapsed	6765
total_timesteps	816128
train/	
approx_kl	0.005395954
clip_fraction	0.0264
clip_range	0.2
entropy_loss	-0.619
explained_variance	0.713
learning_rate	1e-06
loss	294
n_updates	15930
policy_gradient_loss	-0.00477
value_loss	805

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1595
time_elapsed	6769
total_timesteps	816640
train/	
approx_kl	0.0007582685
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.521
explained_variance	0.644
learning_rate	1e-06
loss	290
n_updates	15940
policy_gradient_loss	-4.5e-05
value_loss	522

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1596
time_elapsed	6773
total_timesteps	817152
train/	
approx_kl	0.003313157

clip_fraction	0.0187
clip_range	0.2
entropy_loss	-0.557
explained_variance	0.932
learning_rate	1e-06
loss	68.1
n_updates	15950
policy_gradient_loss	-0.00359
value_loss	171

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1597
time_elapsed	6778
total_timesteps	817664
train/	
approx_kl	0.0022916696
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.523
explained_variance	0.84
learning_rate	1e-06
loss	88.5
n_updates	15960
policy_gradient_loss	-0.00128
value_loss	288

rollout/	
ep_len_mean	996
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1598
time_elapsed	6782
total_timesteps	818176
train/	
approx_kl	0.0030946378
clip_fraction	0.0299
clip_range	0.2
entropy_loss	-0.58
explained_variance	0.901
learning_rate	1e-06
loss	42.3
n_updates	15970
policy_gradient_loss	-0.00873
value_loss	251

rollout/	
ep_len_mean	996
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1599
time_elapsed	6786
total_timesteps	818688
train/	
approx_kl	0.00095988077
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.651
explained_variance	0.925
learning_rate	1e-06
loss	96.6
n_updates	15980
policy_gradient_loss	-0.000319
value_loss	236

rollout/	
ep_len_mean	993
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1600
time_elapsed	6790
total_timesteps	819200
train/	

approx_kl	0.0011082318
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.504
explained_variance	0.833
learning_rate	1e-06
loss	48.5
n_updates	15990
policy_gradient_loss	-0.00249
value_loss	137

rollout/	
ep_len_mean	993
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1601
time_elapsed	6794
total_timesteps	819712
train/	
approx_kl	0.0021132168
clip_fraction	0.0277
clip_range	0.2
entropy_loss	-0.456
explained_variance	0.353
learning_rate	1e-06
loss	538
n_updates	16000
policy_gradient_loss	-0.00169
value_loss	1.02e+03

rollout/	
ep_len_mean	993
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1602
time_elapsed	6800
total_timesteps	820224
train/	
approx_kl	0.0012169746
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-0.585
explained_variance	0.749
learning_rate	1e-06
loss	61.6
n_updates	16010
policy_gradient_loss	-0.000671
value_loss	160

rollout/	
ep_len_mean	995
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1603
time_elapsed	6805
total_timesteps	820736
train/	
approx_kl	0.001880455
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.426
explained_variance	0.866
learning_rate	1e-06
loss	20.8
n_updates	16020
policy_gradient_loss	-0.00206
value_loss	60.7

rollout/	
ep_len_mean	995
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1604
time_elapsed	6809
total_timesteps	821248

train/	
approx_kl	0.0011514587
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-0.519
explained_variance	0.551
learning_rate	1e-06
loss	306
n_updates	16030
policy_gradient_loss	-0.00134
value_loss	849

rollout/	
ep_len_mean	995
ep_rew_mean	1.76e+03
time/	
fps	120
iterations	1605
time_elapsed	6814
total_timesteps	821760
train/	
approx_kl	0.0004910929
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.464
explained_variance	0.785
learning_rate	1e-06
loss	39.6
n_updates	16040
policy_gradient_loss	0.000414
value_loss	104

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.77e+03
time/	
fps	120
iterations	1606
time_elapsed	6818
total_timesteps	822272
train/	
approx_kl	0.0027700155
clip_fraction	0.00742
clip_range	0.2
entropy_loss	-0.581
explained_variance	0.928
learning_rate	1e-06
loss	28.8
n_updates	16050
policy_gradient_loss	-0.00277
value_loss	84.5

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.77e+03
time/	
fps	120
iterations	1607
time_elapsed	6822
total_timesteps	822784
train/	
approx_kl	0.0024800464
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.614
explained_variance	0.427
learning_rate	1e-06
loss	864
n_updates	16060
policy_gradient_loss	0.000783
value_loss	908

rollout/	
ep_len_mean	998
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1608
time_elapsed	6826

total_timesteps	823296
train/	
approx_kl	0.0021513395
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-0.613
explained_variance	0.583
learning_rate	1e-06
loss	164
n_updates	16070
policy_gradient_loss	0.000554
value_loss	431

rollout/	
ep_len_mean	998
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1609
time_elapsed	6830
total_timesteps	823808
train/	
approx_kl	0.005310105
clip_fraction	0.0268
clip_range	0.2
entropy_loss	-0.793
explained_variance	0.861
learning_rate	1e-06
loss	143
n_updates	16080
policy_gradient_loss	-0.000537
value_loss	377

rollout/	
ep_len_mean	998
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1610
time_elapsed	6834
total_timesteps	824320
train/	
approx_kl	0.0030189892
clip_fraction	0.026
clip_range	0.2
entropy_loss	-0.649
explained_variance	0.892
learning_rate	1e-06
loss	48.8
n_updates	16090
policy_gradient_loss	-0.00607
value_loss	144

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1611
time_elapsed	6839
total_timesteps	824832
train/	
approx_kl	0.004264487
clip_fraction	0.0123
clip_range	0.2
entropy_loss	-0.735
explained_variance	0.841
learning_rate	1e-06
loss	75.3
n_updates	16100
policy_gradient_loss	-0.0043
value_loss	137

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1612

time_elapsed	6843
total_timesteps	825344
train/	
approx_kl	0.0013858508
clip_fraction	0.00898
clip_range	0.2
entropy_loss	-0.688
explained_variance	0.513
learning_rate	1e-06
loss	291
n_updates	16110
policy_gradient_loss	0.000207
value_loss	863

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.78e+03
time/	
fps	120
iterations	1613
time_elapsed	6847
total_timesteps	825856
train/	
approx_kl	0.006290745
clip_fraction	0.0752
clip_range	0.2
entropy_loss	-0.684
explained_variance	0.889
learning_rate	1e-06
loss	31.6
n_updates	16120
policy_gradient_loss	-0.00432
value_loss	80.1

rollout/	
ep_len_mean	1e+03
ep_rew_mean	1.79e+03
time/	
fps	120
iterations	1614
time_elapsed	6851
total_timesteps	826368
train/	
approx_kl	0.0026053623
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.839
explained_variance	0.443
learning_rate	1e-06
loss	250
n_updates	16130
policy_gradient_loss	-0.00176
value_loss	1.01e+03

rollout/	
ep_len_mean	1.01e+03
ep_rew_mean	1.8e+03
time/	
fps	120
iterations	1615
time_elapsed	6856
total_timesteps	826880
train/	
approx_kl	0.0040250984
clip_fraction	0.0391
clip_range	0.2
entropy_loss	-0.608
explained_variance	0.839
learning_rate	1e-06
loss	137
n_updates	16140
policy_gradient_loss	-0.00607
value_loss	230

rollout/	
ep_len_mean	1.01e+03
ep_rew_mean	1.8e+03
time/	
fps	120

iterations	1616
time_elapsed	6860
total_timesteps	827392
train/	
approx_kl	0.0015503542
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.774
explained_variance	0.653
learning_rate	1e-06
loss	207
n_updates	16150
policy_gradient_loss	-0.00176
value_loss	810

rollout/	
ep_len_mean	1.01e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1617
time_elapsed	6864
total_timesteps	827904
train/	
approx_kl	0.0021172308
clip_fraction	0.0227
clip_range	0.2
entropy_loss	-0.679
explained_variance	0.887
learning_rate	1e-06
loss	32.7
n_updates	16160
policy_gradient_loss	-0.00306
value_loss	125

rollout/	
ep_len_mean	1.01e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1618
time_elapsed	6868
total_timesteps	828416
train/	
approx_kl	0.0014095829
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.643
explained_variance	0.74
learning_rate	1e-06
loss	304
n_updates	16170
policy_gradient_loss	0.00102
value_loss	456

rollout/	
ep_len_mean	1.01e+03
ep_rew_mean	1.81e+03
time/	
fps	120
iterations	1619
time_elapsed	6872
total_timesteps	828928
train/	
approx_kl	0.004676514
clip_fraction	0.0459
clip_range	0.2
entropy_loss	-0.563
explained_variance	0.918
learning_rate	1e-06
loss	44.4
n_updates	16180
policy_gradient_loss	-0.0052
value_loss	100

rollout/	
ep_len_mean	1.02e+03
ep_rew_mean	1.83e+03
time/	

fps	120
iterations	1620
time_elapsed	6877
total_timesteps	829440
train/	
approx_kl	0.0009236345
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.625
explained_variance	0.839
learning_rate	1e-06
loss	56.5
n_updates	16190
policy_gradient_loss	-0.00116
value_loss	203

rollout/	
ep_len_mean	1.02e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1621
time_elapsed	6881
total_timesteps	829952
train/	
approx_kl	0.0014592332
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-0.622
explained_variance	0.901
learning_rate	1e-06
loss	107
n_updates	16200
policy_gradient_loss	0.00128
value_loss	234

rollout/	
ep_len_mean	1.02e+03
ep_rew_mean	1.83e+03
time/	
fps	120
iterations	1622
time_elapsed	6886
total_timesteps	830464
train/	
approx_kl	0.00398659
clip_fraction	0.0223
clip_range	0.2
entropy_loss	-0.613
explained_variance	0.856
learning_rate	1e-06
loss	94.8
n_updates	16210
policy_gradient_loss	-0.00218
value_loss	220

rollout/	
ep_len_mean	1.03e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1623
time_elapsed	6890
total_timesteps	830976
train/	
approx_kl	0.0020320932
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.704
explained_variance	0.87
learning_rate	1e-06
loss	53.7
n_updates	16220
policy_gradient_loss	-0.00164
value_loss	140

rollout/	
ep_len_mean	1.03e+03
ep_rew_mean	1.84e+03

time/	
fps	120
iterations	1624
time_elapsed	6894
total_timesteps	831488
train/	
approx_kl	0.0012286329
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.586
explained_variance	0.58
learning_rate	1e-06
loss	68.4
n_updates	16230
policy_gradient_loss	-0.000574
value_loss	605

rollout/	
ep_len_mean	1.03e+03
ep_rew_mean	1.84e+03
time/	
fps	120
iterations	1625
time_elapsed	6899
total_timesteps	832000
train/	
approx_kl	0.0030124185
clip_fraction	0.0412
clip_range	0.2
entropy_loss	-0.674
explained_variance	0.919
learning_rate	1e-06
loss	45.9
n_updates	16240
policy_gradient_loss	-0.00585
value_loss	103

rollout/	
ep_len_mean	1.04e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1626
time_elapsed	6903
total_timesteps	832512
train/	
approx_kl	0.00092754094
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.637
explained_variance	0.779
learning_rate	1e-06
loss	136
n_updates	16250
policy_gradient_loss	-0.0015
value_loss	474

rollout/	
ep_len_mean	1.04e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1627
time_elapsed	6907
total_timesteps	833024
train/	
approx_kl	0.0019970206
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.593
explained_variance	0.827
learning_rate	1e-06
loss	108
n_updates	16260
policy_gradient_loss	1.09e-05
value_loss	393

rollout/	
ep_len_mean	1.04e+03

ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1628
time_elapsed	6911
total_timesteps	833536
train/	
approx_kl	0.0027284017
clip_fraction	0.00879
clip_range	0.2
entropy_loss	-0.631
explained_variance	0.924
learning_rate	1e-06
loss	43.6
n_updates	16270
policy_gradient_loss	-0.00186
value_loss	120

rollout/	
ep_len_mean	1.04e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1629
time_elapsed	6915
total_timesteps	834048
train/	
approx_kl	0.0021977248
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.468
explained_variance	0.818
learning_rate	1e-06
loss	32.5
n_updates	16280
policy_gradient_loss	-0.00118
value_loss	111

rollout/	
ep_len_mean	1.04e+03
ep_rew_mean	1.85e+03
time/	
fps	120
iterations	1630
time_elapsed	6920
total_timesteps	834560
train/	
approx_kl	0.0007955892
clip_fraction	0.0168
clip_range	0.2
entropy_loss	-0.489
explained_variance	0.785
learning_rate	1e-06
loss	153
n_updates	16290
policy_gradient_loss	0.00244
value_loss	514

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1631
time_elapsed	6924
total_timesteps	835072
train/	
approx_kl	0.0013991141
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-0.475
explained_variance	0.851
learning_rate	1e-06
loss	117
n_updates	16300
policy_gradient_loss	0.000341
value_loss	216

rollout/	
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ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1632
time_elapsed	6928
total_timesteps	835584
train/	
approx_kl	0.0048732455
clip_fraction	0.0373
clip_range	0.2
entropy_loss	-0.603
explained_variance	0.923
learning_rate	1e-06
loss	33.8
n_updates	16310
policy_gradient_loss	-0.00719
value_loss	162

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1633
time_elapsed	6932
total_timesteps	836096
train/	
approx_kl	0.00023601821
clip_fraction	0
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.855
learning_rate	1e-06
loss	79
n_updates	16320
policy_gradient_loss	0.00015
value_loss	215

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1634
time_elapsed	6937
total_timesteps	836608
train/	
approx_kl	0.0052507618
clip_fraction	0.0271
clip_range	0.2
entropy_loss	-0.872
explained_variance	0.821
learning_rate	1e-06
loss	205
n_updates	16330
policy_gradient_loss	-0.00325
value_loss	459

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1635
time_elapsed	6941
total_timesteps	837120
train/	
approx_kl	0.0007265549
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.599
explained_variance	0.673
learning_rate	1e-06
loss	241
n_updates	16340
policy_gradient_loss	-0.00321
value_loss	762

rollout/	
ep_len_mean	1.05e+03
ep_rew_mean	1.87e+03
time/	
fps	120
iterations	1636
time_elapsed	6945
total_timesteps	837632
train/	
approx_kl	0.00044720923
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.463
explained_variance	0.934
learning_rate	1e-06
loss	51.8
n_updates	16350
policy_gradient_loss	-0.000705
value_loss	94.8

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1637
time_elapsed	6949
total_timesteps	838144
train/	
approx_kl	0.00031194335
clip_fraction	0
clip_range	0.2
entropy_loss	-0.62
explained_variance	0.884
learning_rate	1e-06
loss	70.2
n_updates	16360
policy_gradient_loss	-0.000328
value_loss	181

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1638
time_elapsed	6953
total_timesteps	838656
train/	
approx_kl	0.0004994897
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.396
explained_variance	0.339
learning_rate	1e-06
loss	404
n_updates	16370
policy_gradient_loss	0.000477
value_loss	736

rollout/	
ep_len_mean	1.06e+03
ep_rew_mean	1.88e+03
time/	
fps	120
iterations	1639
time_elapsed	6958
total_timesteps	839168
train/	
approx_kl	0.0015066094
clip_fraction	0.00801
clip_range	0.2
entropy_loss	-0.595
explained_variance	0.938
learning_rate	1e-06
loss	40.1
n_updates	16380
policy_gradient_loss	-0.0015
value_loss	102

rollout/		
ep_len_mean		1.07e+03
ep_rew_mean		1.89e+03
time/		
fps		120
iterations		1640
time_elapsed		6962
total_timesteps		839680
train/		
approx_kl		0.0014320157
clip_fraction		0.0385
clip_range		0.2
entropy_loss		-0.671
explained_variance		0.716
learning_rate		1e-06
loss		37.5
n_updates		16390
policy_gradient_loss		-0.00242
value_loss		189

rollout/		
ep_len_mean		1.07e+03
ep_rew_mean		1.89e+03
time/		
fps		120
iterations		1641
time_elapsed		6967
total_timesteps		840192
train/		
approx_kl		0.0025708354
clip_fraction		0.0129
clip_range		0.2
entropy_loss		-0.512
explained_variance		0.544
learning_rate		1e-06
loss		494
n_updates		16400
policy_gradient_loss		-0.000172
value_loss		841

rollout/		
ep_len_mean		1.07e+03
ep_rew_mean		1.9e+03
time/		
fps		120
iterations		1642
time_elapsed		6971
total_timesteps		840704
train/		
approx_kl		0.0005084034
clip_fraction		0
clip_range		0.2
entropy_loss		-0.58
explained_variance		0.921
learning_rate		1e-06
loss		53.7
n_updates		16410
policy_gradient_loss		-0.00137
value_loss		102

rollout/		
ep_len_mean		1.07e+03
ep_rew_mean		1.9e+03
time/		
fps		120
iterations		1643
time_elapsed		6975
total_timesteps		841216
train/		
approx_kl		0.002997683
clip_fraction		0.0107
clip_range		0.2
entropy_loss		-0.654
explained_variance		0.635
learning_rate		1e-06
loss		394
n_updates		16420
policy_gradient_loss		-0.00185
value_loss		751

rollout/		
ep_len_mean	1.07e+03	
ep_rew_mean	1.9e+03	
time/		
fps	120	
iterations	1644	
time_elapsed	6979	
total_timesteps	841728	
train/		
approx_kl	0.0029038624	
clip_fraction	0.0119	
clip_range	0.2	
entropy_loss	-0.636	
explained_variance	0.87	
learning_rate	1e-06	
loss	92.8	
n_updates	16430	
policy_gradient_loss	-0.00374	
value_loss	207	

rollout/		
ep_len_mean	1.07e+03	
ep_rew_mean	1.9e+03	
time/		
fps	120	
iterations	1645	
time_elapsed	6984	
total_timesteps	842240	
train/		
approx_kl	0.0016058333	
clip_fraction	0.00195	
clip_range	0.2	
entropy_loss	-0.577	
explained_variance	0.938	
learning_rate	1e-06	
loss	37.3	
n_updates	16440	
policy_gradient_loss	-0.000677	
value_loss	81.5	

rollout/		
ep_len_mean	1.08e+03	
ep_rew_mean	1.91e+03	
time/		
fps	120	
iterations	1646	
time_elapsed	6988	
total_timesteps	842752	
train/		
approx_kl	0.00049171306	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.562	
explained_variance	0.802	
learning_rate	1e-06	
loss	184	
n_updates	16450	
policy_gradient_loss	-4.74e-05	
value_loss	303	

rollout/		
ep_len_mean	1.09e+03	
ep_rew_mean	1.91e+03	
time/		
fps	120	
iterations	1647	
time_elapsed	6992	
total_timesteps	843264	
train/		
approx_kl	0.0028384225	
clip_fraction	0.0371	
clip_range	0.2	
entropy_loss	-0.476	
explained_variance	0.64	
learning_rate	1e-06	
loss	292	
n_updates	16460	
policy_gradient_loss	-0.00402	

value_loss	624
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rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.91e+03
time/	
fps	120
iterations	1648
time_elapsed	6996
total_timesteps	843776
train/	
approx_kl	0.0019071697
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.612
explained_variance	0.826
learning_rate	1e-06
loss	159
n_updates	16470
policy_gradient_loss	-0.00172
value_loss	437

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.91e+03
time/	
fps	120
iterations	1649
time_elapsed	7000
total_timesteps	844288
train/	
approx_kl	0.0007709047
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.56
explained_variance	0.619
learning_rate	1e-06
loss	108
n_updates	16480
policy_gradient_loss	-0.000296
value_loss	284

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1650
time_elapsed	7005
total_timesteps	844800
train/	
approx_kl	0.002163366
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.592
explained_variance	0.894
learning_rate	1e-06
loss	19.9
n_updates	16490
policy_gradient_loss	-0.000896
value_loss	61

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1651
time_elapsed	7009
total_timesteps	845312
train/	
approx_kl	0.0008828682
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.509
explained_variance	0.446
learning_rate	1e-06
loss	324
n_updates	16500

policy_gradient_loss	-0.000894
value_loss	684

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.92e+03
time/	
fps	120
iterations	1652
time_elapsed	7013
total_timesteps	845824
train/	
approx_kl	0.0027012774
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.493
explained_variance	0.913
learning_rate	1e-06
loss	18.7
n_updates	16510
policy_gradient_loss	-0.00298
value_loss	57.6

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1653
time_elapsed	7017
total_timesteps	846336
train/	
approx_kl	0.0008779559
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.509
explained_variance	0.833
learning_rate	1e-06
loss	26.9
n_updates	16520
policy_gradient_loss	0.00173
value_loss	113

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1654
time_elapsed	7021
total_timesteps	846848
train/	
approx_kl	0.0008532987
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.545
explained_variance	0.63
learning_rate	1e-06
loss	163
n_updates	16530
policy_gradient_loss	-0.00117
value_loss	825

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1655
time_elapsed	7026
total_timesteps	847360
train/	
approx_kl	0.0007345908
clip_fraction	0
clip_range	0.2
entropy_loss	-0.446
explained_variance	0.814
learning_rate	1e-06
loss	73.4

n_updates	16540
policy_gradient_loss	-0.00137
value_loss	175

rollout/	
ep_len_mean	1.09e+03
ep_rew_mean	1.93e+03
time/	
fps	120
iterations	1656
time_elapsed	7030
total_timesteps	847872
train/	
approx_kl	0.00075749785
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.426
explained_variance	0.772
learning_rate	1e-06
loss	48.6
n_updates	16550
policy_gradient_loss	-9.88e-05
value_loss	137

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1657
time_elapsed	7034
total_timesteps	848384
train/	
approx_kl	0.0037138346
clip_fraction	0.0195
clip_range	0.2
entropy_loss	-0.488
explained_variance	0.816
learning_rate	1e-06
loss	63.4
n_updates	16560
policy_gradient_loss	-0.00241
value_loss	113

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1658
time_elapsed	7038
total_timesteps	848896
train/	
approx_kl	0.0011003284
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.485
explained_variance	0.858
learning_rate	1e-06
loss	134
n_updates	16570
policy_gradient_loss	-0.00252
value_loss	279

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1659
time_elapsed	7042
total_timesteps	849408
train/	
approx_kl	0.00096578186
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.686
explained_variance	0.843
learning_rate	1e-06

loss	231
n_updates	16580
policy_gradient_loss	0.000917
value_loss	408

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1660
time_elapsed	7047
total_timesteps	849920
train/	
approx_kl	0.00031118712
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.464
explained_variance	0.755
learning_rate	1e-06
loss	222
n_updates	16590
policy_gradient_loss	0.000529
value_loss	566

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1661
time_elapsed	7052
total_timesteps	850432
train/	
approx_kl	0.0012580601
clip_fraction	0.00742
clip_range	0.2
entropy_loss	-0.412
explained_variance	0.887
learning_rate	1e-06
loss	73.1
n_updates	16600
policy_gradient_loss	-0.00151
value_loss	164

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1662
time_elapsed	7056
total_timesteps	850944
train/	
approx_kl	0.0014282751
clip_fraction	0.00957
clip_range	0.2
entropy_loss	-0.464
explained_variance	0.826
learning_rate	1e-06
loss	117
n_updates	16610
policy_gradient_loss	0.00141
value_loss	276

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1663
time_elapsed	7060
total_timesteps	851456
train/	
approx_kl	0.0009774613
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-0.226
explained_variance	0.352

learning_rate	1e-06
loss	355
n_updates	16620
policy_gradient_loss	-0.00106
value_loss	858

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1664
time_elapsed	7064
total_timesteps	851968
train/	
approx_kl	0.00076495646
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.417
explained_variance	0.457
learning_rate	1e-06
loss	387
n_updates	16630
policy_gradient_loss	-0.00062
value_loss	761

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1665
time_elapsed	7069
total_timesteps	852480
train/	
approx_kl	0.0023863027
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.638
explained_variance	0.787
learning_rate	1e-06
loss	209
n_updates	16640
policy_gradient_loss	0.000658
value_loss	420

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1666
time_elapsed	7073
total_timesteps	852992
train/	
approx_kl	0.00064567407
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.539
explained_variance	0.817
learning_rate	1e-06
loss	197
n_updates	16650
policy_gradient_loss	0.000493
value_loss	433

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1667
time_elapsed	7077
total_timesteps	853504
train/	
approx_kl	0.0010182739
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.427

explained_variance	0.922
learning_rate	1e-06
loss	54.8
n_updates	16660
policy_gradient_loss	-0.000984
value_loss	132

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1668
time_elapsed	7081
total_timesteps	854016
train/	
approx_kl	0.00074482744
clip_fraction	0.0111
clip_range	0.2
entropy_loss	-0.389
explained_variance	0.559
learning_rate	1e-06
loss	402
n_updates	16670
policy_gradient_loss	0.00161
value_loss	832

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1669
time_elapsed	7086
total_timesteps	854528
train/	
approx_kl	0.0030514686
clip_fraction	0.0291
clip_range	0.2
entropy_loss	-0.377
explained_variance	0.731
learning_rate	1e-06
loss	65.7
n_updates	16680
policy_gradient_loss	-0.00565
value_loss	224

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1670
time_elapsed	7090
total_timesteps	855040
train/	
approx_kl	0.0010202655
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.407
explained_variance	0.802
learning_rate	1e-06
loss	95.5
n_updates	16690
policy_gradient_loss	-0.00102
value_loss	211

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1671
time_elapsed	7094
total_timesteps	855552
train/	
approx_kl	0.0048880535
clip_fraction	0.0553
clip_range	0.2

entropy_loss	-0.371
explained_variance	0.627
learning_rate	1e-06
loss	120
n_updates	16700
policy_gradient_loss	-0.00555
value_loss	341

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1672
time_elapsed	7098
total_timesteps	856064
train/	
approx_kl	0.0009904389
clip_fraction	0.0121
clip_range	0.2
entropy_loss	-0.28
explained_variance	0.621
learning_rate	1e-06
loss	285
n_updates	16710
policy_gradient_loss	-0.00104
value_loss	814

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1673
time_elapsed	7103
total_timesteps	856576
train/	
approx_kl	0.0007494859
clip_fraction	0.00664
clip_range	0.2
entropy_loss	-0.271
explained_variance	0.469
learning_rate	1e-06
loss	452
n_updates	16720
policy_gradient_loss	-0.00308
value_loss	708

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1674
time_elapsed	7107
total_timesteps	857088
train/	
approx_kl	0.0016234596
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-0.415
explained_variance	0.832
learning_rate	1e-06
loss	58.5
n_updates	16730
policy_gradient_loss	-0.00108
value_loss	128

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1675
time_elapsed	7111
total_timesteps	857600
train/	
approx_kl	0.0031669228
clip_fraction	0.0254

clip_range	0.2
entropy_loss	-0.404
explained_variance	0.667
learning_rate	1e-06
loss	137
n_updates	16740
policy_gradient_loss	-0.00396
value_loss	480

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1676
time_elapsed	7115
total_timesteps	858112
train/	
approx_kl	0.0015977611
clip_fraction	0.0199
clip_range	0.2
entropy_loss	-0.557
explained_variance	0.711
learning_rate	1e-06
loss	85.7
n_updates	16750
policy_gradient_loss	-0.000638
value_loss	222

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1677
time_elapsed	7119
total_timesteps	858624
train/	
approx_kl	0.0010171497
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.441
explained_variance	0.854
learning_rate	1e-06
loss	42.4
n_updates	16760
policy_gradient_loss	0.000722
value_loss	155

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1678
time_elapsed	7124
total_timesteps	859136
train/	
approx_kl	0.0022335278
clip_fraction	0.0115
clip_range	0.2
entropy_loss	-0.539
explained_variance	0.791
learning_rate	1e-06
loss	301
n_updates	16770
policy_gradient_loss	-0.000817
value_loss	489

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1679
time_elapsed	7128
total_timesteps	859648
train/	
approx_kl	0.0015372806

clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.332
explained_variance	0.17
learning_rate	1e-06
loss	144
n_updates	16780
policy_gradient_loss	-0.00277
value_loss	880

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1680
time_elapsed	7133
total_timesteps	860160
train/	
approx_kl	0.0026799385
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.395
explained_variance	0.738
learning_rate	1e-06
loss	22.4
n_updates	16790
policy_gradient_loss	-0.00208
value_loss	79.1

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1681
time_elapsed	7137
total_timesteps	860672
train/	
approx_kl	0.0002426391
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.416
explained_variance	0.442
learning_rate	1e-06
loss	48.8
n_updates	16800
policy_gradient_loss	0.000778
value_loss	121

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1682
time_elapsed	7142
total_timesteps	861184
train/	
approx_kl	0.0026559697
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-0.559
explained_variance	0.492
learning_rate	1e-06
loss	371
n_updates	16810
policy_gradient_loss	-0.00247
value_loss	780

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1683
time_elapsed	7146
total_timesteps	861696
train/	

approx_kl	0.0065890187
clip_fraction	0.0428
clip_range	0.2
entropy_loss	-0.707
explained_variance	0.902
learning_rate	1e-06
loss	96.4
n_updates	16820
policy_gradient_loss	-0.00483
value_loss	282

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1684
time_elapsed	7150
total_timesteps	862208
train/	
approx_kl	0.0042484645
clip_fraction	0.0234
clip_range	0.2
entropy_loss	-0.532
explained_variance	0.842
learning_rate	1e-06
loss	99.2
n_updates	16830
policy_gradient_loss	-0.0057
value_loss	179

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1685
time_elapsed	7154
total_timesteps	862720
train/	
approx_kl	0.0007492994
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.453
explained_variance	0.356
learning_rate	1e-06
loss	1.06e+03
n_updates	16840
policy_gradient_loss	-0.00148
value_loss	791

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1686
time_elapsed	7158
total_timesteps	863232
train/	
approx_kl	0.0029390673
clip_fraction	0.041
clip_range	0.2
entropy_loss	-0.611
explained_variance	0.521
learning_rate	1e-06
loss	118
n_updates	16850
policy_gradient_loss	-0.00393
value_loss	969

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1687
time_elapsed	7163
total_timesteps	863744

train/	
approx_kl	0.0041797534
clip_fraction	0.0266
clip_range	0.2
entropy_loss	-0.757
explained_variance	0.897
learning_rate	1e-06
loss	53.3
n_updates	16860
policy_gradient_loss	-0.00407
value_loss	160

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1688
time_elapsed	7167
total_timesteps	864256
train/	
approx_kl	0.0011433173
clip_fraction	0
clip_range	0.2
entropy_loss	-0.865
explained_variance	0.907
learning_rate	1e-06
loss	87.9
n_updates	16870
policy_gradient_loss	-0.00223
value_loss	187

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1689
time_elapsed	7171
total_timesteps	864768
train/	
approx_kl	0.004972643
clip_fraction	0.0342
clip_range	0.2
entropy_loss	-0.742
explained_variance	0.941
learning_rate	1e-06
loss	33.3
n_updates	16880
policy_gradient_loss	-0.00363
value_loss	90.4

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1690
time_elapsed	7175
total_timesteps	865280
train/	
approx_kl	0.004159474
clip_fraction	0.024
clip_range	0.2
entropy_loss	-0.935
explained_variance	0.916
learning_rate	1e-06
loss	117
n_updates	16890
policy_gradient_loss	-0.00284
value_loss	237

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1691
time_elapsed	7180

total_timesteps	865792
train/	
approx_kl	0.00067104015
clip_fraction	0
clip_range	0.2
entropy_loss	-0.813
explained_variance	0.788
learning_rate	1e-06
loss	120
n_updates	16900
policy_gradient_loss	0.000548
value_loss	224

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1692
time_elapsed	7184
total_timesteps	866304
train/	
approx_kl	0.005375438
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-1.1
explained_variance	0.712
learning_rate	1e-06
loss	295
n_updates	16910
policy_gradient_loss	-0.00639
value_loss	553

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1693
time_elapsed	7188
total_timesteps	866816
train/	
approx_kl	0.0043803477
clip_fraction	0.0162
clip_range	0.2
entropy_loss	-1.01
explained_variance	0.871
learning_rate	1e-06
loss	214
n_updates	16920
policy_gradient_loss	-0.00226
value_loss	413

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1694
time_elapsed	7192
total_timesteps	867328
train/	
approx_kl	0.004607039
clip_fraction	0.015
clip_range	0.2
entropy_loss	-0.871
explained_variance	0.899
learning_rate	1e-06
loss	62.6
n_updates	16930
policy_gradient_loss	-0.00451
value_loss	219

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1695

time_elapsed	7196
total_timesteps	867840
train/	
approx_kl	0.010637163
clip_fraction	0.0648
clip_range	0.2
entropy_loss	-0.895
explained_variance	0.894
learning_rate	1e-06
loss	53.6
n_updates	16940
policy_gradient_loss	-0.00633
value_loss	186

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1696
time_elapsed	7201
total_timesteps	868352
train/	
approx_kl	0.0022469638
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.863
explained_variance	0.783
learning_rate	1e-06
loss	206
n_updates	16950
policy_gradient_loss	0.000191
value_loss	717

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1697
time_elapsed	7205
total_timesteps	868864
train/	
approx_kl	0.004463185
clip_fraction	0.0336
clip_range	0.2
entropy_loss	-0.703
explained_variance	0.936
learning_rate	1e-06
loss	64.3
n_updates	16960
policy_gradient_loss	-0.00439
value_loss	214

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1698
time_elapsed	7209
total_timesteps	869376
train/	
approx_kl	0.0017119804
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.638
explained_variance	0.767
learning_rate	1e-06
loss	49.5
n_updates	16970
policy_gradient_loss	-0.0015
value_loss	181

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	2e+03
time/	
fps	120

iterations	1699
time_elapsed	7213
total_timesteps	869888
train/	
approx_kl	0.0013466855
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.612
explained_variance	0.779
learning_rate	1e-06
loss	117
n_updates	16980
policy_gradient_loss	-0.000181
value_loss	325

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1700
time_elapsed	7218
total_timesteps	870400
train/	
approx_kl	0.0031633973
clip_fraction	0.0227
clip_range	0.2
entropy_loss	-0.704
explained_variance	0.872
learning_rate	1e-06
loss	57.1
n_updates	16990
policy_gradient_loss	-0.00413
value_loss	112

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1701
time_elapsed	7223
total_timesteps	870912
train/	
approx_kl	0.0045538247
clip_fraction	0.0596
clip_range	0.2
entropy_loss	-0.688
explained_variance	0.878
learning_rate	1e-06
loss	31.1
n_updates	17000
policy_gradient_loss	-0.00408
value_loss	82.5

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1702
time_elapsed	7227
total_timesteps	871424
train/	
approx_kl	0.0032592306
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.873
explained_variance	0.619
learning_rate	1e-06
loss	409
n_updates	17010
policy_gradient_loss	-0.000961
value_loss	874

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.02e+03
time/	

fps	120
iterations	1703
time_elapsed	7231
total_timesteps	871936
train/	
approx_kl	0.0012245469
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.842
explained_variance	0.91
learning_rate	1e-06
loss	105
n_updates	17020
policy_gradient_loss	-0.00133
value_loss	179

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1704
time_elapsed	7235
total_timesteps	872448
train/	
approx_kl	0.0077902335
clip_fraction	0.035
clip_range	0.2
entropy_loss	-0.981
explained_variance	0.933
learning_rate	1e-06
loss	64.8
n_updates	17030
policy_gradient_loss	-0.00334
value_loss	172

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1705
time_elapsed	7240
total_timesteps	872960
train/	
approx_kl	0.014364892
clip_fraction	0.06
clip_range	0.2
entropy_loss	-0.841
explained_variance	0.912
learning_rate	1e-06
loss	98.8
n_updates	17040
policy_gradient_loss	-0.00594
value_loss	206

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1706
time_elapsed	7244
total_timesteps	873472
train/	
approx_kl	0.004676149
clip_fraction	0.0246
clip_range	0.2
entropy_loss	-0.714
explained_variance	0.938
learning_rate	1e-06
loss	38.3
n_updates	17050
policy_gradient_loss	-0.00262
value_loss	80.3

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2.01e+03

time/	
fps	120
iterations	1707
time_elapsed	7248
total_timesteps	873984
train/	
approx_kl	0.0015941529
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.702
explained_variance	0.937
learning_rate	1e-06
loss	68.1
n_updates	17060
policy_gradient_loss	-0.00159
value_loss	152

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1708
time_elapsed	7252
total_timesteps	874496
train/	
approx_kl	0.001436932
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.734
explained_variance	0.759
learning_rate	1e-06
loss	82.3
n_updates	17070
policy_gradient_loss	-0.000812
value_loss	199

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1709
time_elapsed	7256
total_timesteps	875008
train/	
approx_kl	0.0013400777
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.609
explained_variance	0.711
learning_rate	1e-06
loss	130
n_updates	17080
policy_gradient_loss	-0.00208
value_loss	689

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1710
time_elapsed	7261
total_timesteps	875520
train/	
approx_kl	0.0020409715
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.587
explained_variance	0.925
learning_rate	1e-06
loss	25.3
n_updates	17090
policy_gradient_loss	-0.00208
value_loss	81

rollout/	
ep_len_mean	1.15e+03

ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1711
time_elapsed	7265
total_timesteps	876032
train/	
approx_kl	0.0021703988
clip_fraction	0.00762
clip_range	0.2
entropy_loss	-0.655
explained_variance	0.905
learning_rate	1e-06
loss	65.9
n_updates	17100
policy_gradient_loss	-9e-05
value_loss	184

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1712
time_elapsed	7269
total_timesteps	876544
train/	
approx_kl	0.0008967243
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.602
explained_variance	0.817
learning_rate	1e-06
loss	275
n_updates	17110
policy_gradient_loss	-0.00257
value_loss	457

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1713
time_elapsed	7273
total_timesteps	877056
train/	
approx_kl	0.0012148863
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.604
explained_variance	0.819
learning_rate	1e-06
loss	165
n_updates	17120
policy_gradient_loss	-0.00214
value_loss	274

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1714
time_elapsed	7277
total_timesteps	877568
train/	
approx_kl	0.0034503029
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-0.654
explained_variance	0.463
learning_rate	1e-06
loss	505
n_updates	17130
policy_gradient_loss	-0.00185
value_loss	817

rollout/	
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ep_len_mean	1.15e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1715
time_elapsed	7282
total_timesteps	878080
train/	
approx_kl	0.004533455
clip_fraction	0.0229
clip_range	0.2
entropy_loss	-0.754
explained_variance	0.731
learning_rate	1e-06
loss	188
n_updates	17140
policy_gradient_loss	-0.000783
value_loss	369

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1716
time_elapsed	7286
total_timesteps	878592
train/	
approx_kl	0.0056679193
clip_fraction	0.0262
clip_range	0.2
entropy_loss	-0.843
explained_variance	0.85
learning_rate	1e-06
loss	367
n_updates	17150
policy_gradient_loss	-0.00495
value_loss	486

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1717
time_elapsed	7290
total_timesteps	879104
train/	
approx_kl	0.0030053689
clip_fraction	0.0178
clip_range	0.2
entropy_loss	-0.794
explained_variance	0.875
learning_rate	1e-06
loss	92.3
n_updates	17160
policy_gradient_loss	-0.00419
value_loss	278

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1718
time_elapsed	7294
total_timesteps	879616
train/	
approx_kl	0.0022774194
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.687
explained_variance	0.917
learning_rate	1e-06
loss	72.7
n_updates	17170
policy_gradient_loss	0.00142
value_loss	200

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1719
time_elapsed	7299
total_timesteps	880128
train/	
approx_kl	0.002386779
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.606
explained_variance	0.923
learning_rate	1e-06
loss	30.8
n_updates	17180
policy_gradient_loss	-5.96e-05
value_loss	101

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1720
time_elapsed	7304
total_timesteps	880640
train/	
approx_kl	0.0015580459
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.632
explained_variance	0.915
learning_rate	1e-06
loss	153
n_updates	17190
policy_gradient_loss	0.00033
value_loss	242

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1721
time_elapsed	7308
total_timesteps	881152
train/	
approx_kl	0.0056993677
clip_fraction	0.0271
clip_range	0.2
entropy_loss	-0.46
explained_variance	0.667
learning_rate	1e-06
loss	141
n_updates	17200
policy_gradient_loss	-0.00385
value_loss	659

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1722
time_elapsed	7312
total_timesteps	881664
train/	
approx_kl	0.0013566385
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.361
explained_variance	0.836
learning_rate	1e-06
loss	51.4
n_updates	17210
policy_gradient_loss	-0.00102
value_loss	215

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	2e+03	
time/		
fps	120	
iterations	1723	
time_elapsed	7316	
total_timesteps	882176	
train/		
approx_kl	0.00032063178	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.314	
explained_variance	0.709	
learning_rate	1e-06	
loss	129	
n_updates	17220	
policy_gradient_loss	-0.00111	
value_loss	431	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	2e+03	
time/		
fps	120	
iterations	1724	
time_elapsed	7321	
total_timesteps	882688	
train/		
approx_kl	0.00032467698	
clip_fraction	0	
clip_range	0.2	
entropy_loss	-0.417	
explained_variance	0.813	
learning_rate	1e-06	
loss	42.5	
n_updates	17230	
policy_gradient_loss	-0.000363	
value_loss	168	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	2e+03	
time/		
fps	120	
iterations	1725	
time_elapsed	7325	
total_timesteps	883200	
train/		
approx_kl	0.0009566352	
clip_fraction	0.00742	
clip_range	0.2	
entropy_loss	-0.326	
explained_variance	0.846	
learning_rate	1e-06	
loss	28.6	
n_updates	17240	
policy_gradient_loss	-0.00252	
value_loss	82.6	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	2e+03	
time/		
fps	120	
iterations	1726	
time_elapsed	7329	
total_timesteps	883712	
train/		
approx_kl	0.00046933535	
clip_fraction	0.00313	
clip_range	0.2	
entropy_loss	-0.302	
explained_variance	0.574	
learning_rate	1e-06	
loss	354	
n_updates	17250	
policy_gradient_loss	0.000387	
value_loss	744	

rollout/		
ep_len_mean	1.14e+03	
ep_rew_mean	1.99e+03	
time/		
fps	120	
iterations	1727	
time_elapsed	7333	
total_timesteps	884224	
train/		
approx_kl	0.00029713998	
clip_fraction	0.000391	
clip_range	0.2	
entropy_loss	-0.3	
explained_variance	0.935	
learning_rate	1e-06	
loss	76.5	
n_updates	17260	
policy_gradient_loss	0.000655	
value_loss	178	

rollout/		
ep_len_mean	1.13e+03	
ep_rew_mean	1.98e+03	
time/		
fps	120	
iterations	1728	
time_elapsed	7338	
total_timesteps	884736	
train/		
approx_kl	0.0023629896	
clip_fraction	0.0186	
clip_range	0.2	
entropy_loss	-0.346	
explained_variance	0.619	
learning_rate	1e-06	
loss	357	
n_updates	17270	
policy_gradient_loss	-0.00283	
value_loss	584	

rollout/		
ep_len_mean	1.13e+03	
ep_rew_mean	1.98e+03	
time/		
fps	120	
iterations	1729	
time_elapsed	7342	
total_timesteps	885248	
train/		
approx_kl	0.0008145127	
clip_fraction	0.0125	
clip_range	0.2	
entropy_loss	-0.371	
explained_variance	0.513	
learning_rate	1e-06	
loss	465	
n_updates	17280	
policy_gradient_loss	0.0017	
value_loss	819	

rollout/		
ep_len_mean	1.12e+03	
ep_rew_mean	1.97e+03	
time/		
fps	120	
iterations	1730	
time_elapsed	7346	
total_timesteps	885760	
train/		
approx_kl	0.0011247265	
clip_fraction	0.00469	
clip_range	0.2	
entropy_loss	-0.435	
explained_variance	0.617	
learning_rate	1e-06	
loss	41	
n_updates	17290	
policy_gradient_loss	-6e-05	

value_loss	137
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rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1731
time_elapsed	7350
total_timesteps	886272
train/	
approx_kl	0.0008091602
clip_fraction	0
clip_range	0.2
entropy_loss	-0.365
explained_variance	0.686
learning_rate	1e-06
loss	286
n_updates	17300
policy_gradient_loss	-0.00084
value_loss	568

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1732
time_elapsed	7355
total_timesteps	886784
train/	
approx_kl	0.0011206511
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.436
explained_variance	0.88
learning_rate	1e-06
loss	71.1
n_updates	17310
policy_gradient_loss	-0.00037
value_loss	166

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1733
time_elapsed	7359
total_timesteps	887296
train/	
approx_kl	0.0031219232
clip_fraction	0.0201
clip_range	0.2
entropy_loss	-0.312
explained_variance	0.835
learning_rate	1e-06
loss	44.4
n_updates	17320
policy_gradient_loss	-0.0035
value_loss	237

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1734
time_elapsed	7363
total_timesteps	887808
train/	
approx_kl	0.000387365
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.276
explained_variance	0.783
learning_rate	1e-06
loss	174
n_updates	17330

policy_gradient_loss	-0.000301
value_loss	561

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1735
time_elapsed	7367
total_timesteps	888320
train/	
approx_kl	0.0059673213
clip_fraction	0.0775
clip_range	0.2
entropy_loss	-0.557
explained_variance	0.592
learning_rate	1e-06
loss	355
n_updates	17340
policy_gradient_loss	0.00273
value_loss	979

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1736
time_elapsed	7371
total_timesteps	888832
train/	
approx_kl	0.0009999085
clip_fraction	0.0178
clip_range	0.2
entropy_loss	-0.296
explained_variance	0.685
learning_rate	1e-06
loss	245
n_updates	17350
policy_gradient_loss	0.00131
value_loss	649

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1737
time_elapsed	7376
total_timesteps	889344
train/	
approx_kl	0.00033780758
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.251
explained_variance	0.895
learning_rate	1e-06
loss	32.3
n_updates	17360
policy_gradient_loss	-0.00131
value_loss	103

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1738
time_elapsed	7380
total_timesteps	889856
train/	
approx_kl	6.577675e-05
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.208
explained_variance	0.847
learning_rate	1e-06
loss	62.1

n_updates	17370
policy_gradient_loss	-0.000942
value_loss	192

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1739
time_elapsed	7385
total_timesteps	890368
train/	
approx_kl	0.004213814
clip_fraction	0.0152
clip_range	0.2
entropy_loss	-0.328
explained_variance	0.89
learning_rate	1e-06
loss	58.8
n_updates	17380
policy_gradient_loss	-6.25e-05
value_loss	249

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1740
time_elapsed	7389
total_timesteps	890880
train/	
approx_kl	0.00018268812
clip_fraction	0
clip_range	0.2
entropy_loss	-0.203
explained_variance	0.873
learning_rate	1e-06
loss	100
n_updates	17390
policy_gradient_loss	-0.000215
value_loss	213

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1741
time_elapsed	7393
total_timesteps	891392
train/	
approx_kl	0.0013236289
clip_fraction	0.015
clip_range	0.2
entropy_loss	-0.245
explained_variance	0.49
learning_rate	1e-06
loss	317
n_updates	17400
policy_gradient_loss	-0.00223
value_loss	972

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1742
time_elapsed	7397
total_timesteps	891904
train/	
approx_kl	0.0004892268
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.287
explained_variance	0.769
learning_rate	1e-06

loss	79.5
n_updates	17410
policy_gradient_loss	-0.00112
value_loss	208

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1743
time_elapsed	7402
total_timesteps	892416
train/	
approx_kl	0.00015238859
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.247
explained_variance	0.536
learning_rate	1e-06
loss	107
n_updates	17420
policy_gradient_loss	-0.000676
value_loss	625

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1744
time_elapsed	7406
total_timesteps	892928
train/	
approx_kl	0.0003120714
clip_fraction	0
clip_range	0.2
entropy_loss	-0.27
explained_variance	0.886
learning_rate	1e-06
loss	58.4
n_updates	17430
policy_gradient_loss	-4.97e-05
value_loss	145

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1745
time_elapsed	7410
total_timesteps	893440
train/	
approx_kl	0.002680244
clip_fraction	0.0211
clip_range	0.2
entropy_loss	-0.537
explained_variance	0.988
learning_rate	1e-06
loss	20.6
n_updates	17440
policy_gradient_loss	-0.00401
value_loss	68

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1746
time_elapsed	7414
total_timesteps	893952
train/	
approx_kl	0.0013686211
clip_fraction	0.0162
clip_range	0.2
entropy_loss	-0.314
explained_variance	0.649

learning_rate	1e-06
loss	298
n_updates	17450
policy_gradient_loss	0.00126
value_loss	892

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1747
time_elapsed	7419
total_timesteps	894464
train/	
approx_kl	0.003956586
clip_fraction	0.0277
clip_range	0.2
entropy_loss	-0.578
explained_variance	0.681
learning_rate	1e-06
loss	319
n_updates	17460
policy_gradient_loss	-0.00243
value_loss	889

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1748
time_elapsed	7423
total_timesteps	894976
train/	
approx_kl	0.0018334858
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.4
explained_variance	0.925
learning_rate	1e-06
loss	32.2
n_updates	17470
policy_gradient_loss	-0.00286
value_loss	143

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1749
time_elapsed	7427
total_timesteps	895488
train/	
approx_kl	0.0007591797
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.336
explained_variance	0.868
learning_rate	1e-06
loss	31.5
n_updates	17480
policy_gradient_loss	-0.000475
value_loss	81.5

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1750
time_elapsed	7431
total_timesteps	896000
train/	
approx_kl	0.00038382644
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.404

explained_variance	0.696
learning_rate	1e-06
loss	231
n_updates	17490
policy_gradient_loss	0.00104
value_loss	540

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1751
time_elapsed	7435
total_timesteps	896512
train/	
approx_kl	0.00033946265
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.308
explained_variance	0.742
learning_rate	1e-06
loss	81.6
n_updates	17500
policy_gradient_loss	-0.00033
value_loss	229

rollout/	
ep_len_mean	1.1e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1752
time_elapsed	7440
total_timesteps	897024
train/	
approx_kl	0.002244879
clip_fraction	0.0137
clip_range	0.2
entropy_loss	-0.361
explained_variance	0.904
learning_rate	1e-06
loss	30.3
n_updates	17510
policy_gradient_loss	-0.00151
value_loss	79.6

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1753
time_elapsed	7444
total_timesteps	897536
train/	
approx_kl	0.00040562137
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.376
explained_variance	0.781
learning_rate	1e-06
loss	156
n_updates	17520
policy_gradient_loss	-0.00168
value_loss	247

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1754
time_elapsed	7448
total_timesteps	898048
train/	
approx_kl	0.0012742447
clip_fraction	0.016
clip_range	0.2

entropy_loss	-0.456
explained_variance	0.969
learning_rate	1e-06
loss	25.4
n_updates	17530
policy_gradient_loss	-0.00316
value_loss	57.3

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1755
time_elapsed	7452
total_timesteps	898560
train/	
approx_kl	0.0010968213
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.548
explained_variance	0.805
learning_rate	1e-06
loss	147
n_updates	17540
policy_gradient_loss	-0.00064
value_loss	368

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.94e+03
time/	
fps	120
iterations	1756
time_elapsed	7456
total_timesteps	899072
train/	
approx_kl	0.0017565729
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.401
explained_variance	0.927
learning_rate	1e-06
loss	53.7
n_updates	17550
policy_gradient_loss	-0.00292
value_loss	288

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1757
time_elapsed	7461
total_timesteps	899584
train/	
approx_kl	0.004080146
clip_fraction	0.0453
clip_range	0.2
entropy_loss	-0.427
explained_variance	0.542
learning_rate	1e-06
loss	219
n_updates	17560
policy_gradient_loss	-0.00461
value_loss	680

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1758
time_elapsed	7466
total_timesteps	900096
train/	
approx_kl	0.0010361122
clip_fraction	0.0043

clip_range	0.2
entropy_loss	-0.588
explained_variance	0.887
learning_rate	1e-06
loss	60.3
n_updates	17570
policy_gradient_loss	-0.000465
value_loss	220

rollout/	
ep_len_mean	1.11e+03
ep_rew_mean	1.95e+03
time/	
fps	120
iterations	1759
time_elapsed	7470
total_timesteps	900608
train/	
approx_kl	0.001041766
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.546
explained_variance	0.744
learning_rate	1e-06
loss	99.3
n_updates	17580
policy_gradient_loss	-0.00151
value_loss	223

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1760
time_elapsed	7474
total_timesteps	901120
train/	
approx_kl	0.003770376
clip_fraction	0.023
clip_range	0.2
entropy_loss	-0.47
explained_variance	0.875
learning_rate	1e-06
loss	67.4
n_updates	17590
policy_gradient_loss	-0.00349
value_loss	183

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1761
time_elapsed	7478
total_timesteps	901632
train/	
approx_kl	0.00046685932
clip_fraction	0
clip_range	0.2
entropy_loss	-0.467
explained_variance	0.658
learning_rate	1e-06
loss	562
n_updates	17600
policy_gradient_loss	0.00051
value_loss	779

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1762
time_elapsed	7483
total_timesteps	902144
train/	
approx_kl	0.0020581693

clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.437
explained_variance	0.874
learning_rate	1e-06
loss	108
n_updates	17610
policy_gradient_loss	-0.0028
value_loss	201

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1763
time_elapsed	7487
total_timesteps	902656
train/	
approx_kl	0.0018947432
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.34
explained_variance	0.924
learning_rate	1e-06
loss	29.5
n_updates	17620
policy_gradient_loss	-0.00175
value_loss	81

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1764
time_elapsed	7491
total_timesteps	903168
train/	
approx_kl	0.0009914784
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.398
explained_variance	0.952
learning_rate	1e-06
loss	49.3
n_updates	17630
policy_gradient_loss	-0.000783
value_loss	116

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1765
time_elapsed	7495
total_timesteps	903680
train/	
approx_kl	0.0019288649
clip_fraction	0.0314
clip_range	0.2
entropy_loss	-0.349
explained_variance	0.925
learning_rate	1e-06
loss	40.7
n_updates	17640
policy_gradient_loss	-0.00311
value_loss	111

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1766
time_elapsed	7500
total_timesteps	904192
train/	

approx_kl	0.0024343277
clip_fraction	0.00586
clip_range	0.2
entropy_loss	-0.391
explained_variance	0.77
learning_rate	1e-06
loss	91.2
n_updates	17650
policy_gradient_loss	-0.00109
value_loss	224

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1767
time_elapsed	7504
total_timesteps	904704
train/	
approx_kl	0.00015648955
clip_fraction	0
clip_range	0.2
entropy_loss	-0.322
explained_variance	0.496
learning_rate	1e-06
loss	220
n_updates	17660
policy_gradient_loss	-0.000851
value_loss	880

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1768
time_elapsed	7508
total_timesteps	905216
train/	
approx_kl	0.0019025715
clip_fraction	0.0111
clip_range	0.2
entropy_loss	-0.28
explained_variance	0.92
learning_rate	1e-06
loss	43.6
n_updates	17670
policy_gradient_loss	-0.00144
value_loss	116

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.96e+03
time/	
fps	120
iterations	1769
time_elapsed	7512
total_timesteps	905728
train/	
approx_kl	0.00063263427
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.294
explained_variance	0.673
learning_rate	1e-06
loss	51.5
n_updates	17680
policy_gradient_loss	-0.00171
value_loss	541

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1770
time_elapsed	7516
total_timesteps	906240

train/	
approx_kl	0.0011016674
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.336
explained_variance	0.811
learning_rate	1e-06
loss	102
n_updates	17690
policy_gradient_loss	-0.0021
value_loss	204

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1771
time_elapsed	7521
total_timesteps	906752
train/	
approx_kl	0.004127905
clip_fraction	0.0318
clip_range	0.2
entropy_loss	-0.489
explained_variance	0.965
learning_rate	1e-06
loss	22.8
n_updates	17700
policy_gradient_loss	-0.00343
value_loss	87.9

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1772
time_elapsed	7525
total_timesteps	907264
train/	
approx_kl	0.0016002335
clip_fraction	0.00996
clip_range	0.2
entropy_loss	-0.369
explained_variance	0.239
learning_rate	1e-06
loss	240
n_updates	17710
policy_gradient_loss	0.000903
value_loss	812

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1773
time_elapsed	7529
total_timesteps	907776
train/	
approx_kl	0.003612267
clip_fraction	0.015
clip_range	0.2
entropy_loss	-0.452
explained_variance	0.87
learning_rate	1e-06
loss	67.7
n_updates	17720
policy_gradient_loss	-0.00094
value_loss	155

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1774
time_elapsed	7533

total_timesteps	908288
train/	
approx_kl	0.0013200815
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.407
explained_variance	0.482
learning_rate	1e-06
loss	328
n_updates	17730
policy_gradient_loss	-0.000296
value_loss	797

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1775
time_elapsed	7537
total_timesteps	908800
train/	
approx_kl	0.0031557148
clip_fraction	0.0084
clip_range	0.2
entropy_loss	-0.449
explained_variance	0.877
learning_rate	1e-06
loss	36.7
n_updates	17740
policy_gradient_loss	-0.00139
value_loss	90.7

rollout/	
ep_len_mean	1.12e+03
ep_rew_mean	1.97e+03
time/	
fps	120
iterations	1776
time_elapsed	7542
total_timesteps	909312
train/	
approx_kl	0.00023267395
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.307
explained_variance	0.795
learning_rate	1e-06
loss	57.6
n_updates	17750
policy_gradient_loss	-0.00198
value_loss	196

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1777
time_elapsed	7546
total_timesteps	909824
train/	
approx_kl	0.0014461181
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.482
explained_variance	0.772
learning_rate	1e-06
loss	87
n_updates	17760
policy_gradient_loss	0.00851
value_loss	472

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1778

time_elapsed	7551
total_timesteps	910336
train/	
approx_kl	0.00079091615
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.378
explained_variance	0.713
learning_rate	1e-06
loss	223
n_updates	17770
policy_gradient_loss	0.000723
value_loss	780

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1779
time_elapsed	7555
total_timesteps	910848
train/	
approx_kl	0.0008805492
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.434
explained_variance	0.836
learning_rate	1e-06
loss	86.5
n_updates	17780
policy_gradient_loss	-0.000774
value_loss	251

rollout/	
ep_len_mean	1.13e+03
ep_rew_mean	1.98e+03
time/	
fps	120
iterations	1780
time_elapsed	7560
total_timesteps	911360
train/	
approx_kl	0.00081306277
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.475
explained_variance	0.811
learning_rate	1e-06
loss	61.6
n_updates	17790
policy_gradient_loss	-0.00213
value_loss	138

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1781
time_elapsed	7564
total_timesteps	911872
train/	
approx_kl	0.003169531
clip_fraction	0.0244
clip_range	0.2
entropy_loss	-0.392
explained_variance	0.731
learning_rate	1e-06
loss	72
n_updates	17800
policy_gradient_loss	-0.000903
value_loss	254

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120

iterations	1782
time_elapsed	7568
total_timesteps	912384
train/	
approx_kl	0.0013072799
clip_fraction	0.0268
clip_range	0.2
entropy_loss	-0.331
explained_variance	0.756
learning_rate	1e-06
loss	172
n_updates	17810
policy_gradient_loss	-0.00121
value_loss	607

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1783
time_elapsed	7572
total_timesteps	912896
train/	
approx_kl	0.0030954187
clip_fraction	0.00996
clip_range	0.2
entropy_loss	-0.547
explained_variance	0.896
learning_rate	1e-06
loss	63.1
n_updates	17820
policy_gradient_loss	-0.00118
value_loss	123

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1784
time_elapsed	7576
total_timesteps	913408
train/	
approx_kl	0.0020906944
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.68
explained_variance	0.933
learning_rate	1e-06
loss	132
n_updates	17830
policy_gradient_loss	0.000394
value_loss	290

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1785
time_elapsed	7581
total_timesteps	913920
train/	
approx_kl	0.0022219208
clip_fraction	0.0197
clip_range	0.2
entropy_loss	-0.667
explained_variance	0.862
learning_rate	1e-06
loss	54.6
n_updates	17840
policy_gradient_loss	-0.00383
value_loss	133

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	

fps	120
iterations	1786
time_elapsed	7585
total_timesteps	914432
train/	
approx_kl	0.006187475
clip_fraction	0.0879
clip_range	0.2
entropy_loss	-0.87
explained_variance	0.608
learning_rate	1e-06
loss	274
n_updates	17850
policy_gradient_loss	0.00282
value_loss	1.26e+03

rollout/	
ep_len_mean	1.14e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1787
time_elapsed	7589
total_timesteps	914944
train/	
approx_kl	0.0003252651
clip_fraction	0
clip_range	0.2
entropy_loss	-0.579
explained_variance	0.585
learning_rate	1e-06
loss	86.3
n_updates	17860
policy_gradient_loss	-0.00194
value_loss	891

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1788
time_elapsed	7593
total_timesteps	915456
train/	
approx_kl	0.0047600074
clip_fraction	0.0324
clip_range	0.2
entropy_loss	-0.649
explained_variance	0.873
learning_rate	1e-06
loss	66.8
n_updates	17870
policy_gradient_loss	-0.00241
value_loss	171

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1789
time_elapsed	7598
total_timesteps	915968
train/	
approx_kl	0.001091077
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.697
explained_variance	0.917
learning_rate	1e-06
loss	95.7
n_updates	17880
policy_gradient_loss	-0.00282
value_loss	164

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03

time/	
fps	120
iterations	1790
time_elapsed	7602
total_timesteps	916480
train/	
approx_kl	0.0013626948
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.59
explained_variance	0.823
learning_rate	1e-06
loss	89.7
n_updates	17890
policy_gradient_loss	-0.00198
value_loss	231

rollout/	
ep_len_mean	1.15e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1791
time_elapsed	7606
total_timesteps	916992
train/	
approx_kl	0.0008663399
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.689
explained_variance	0.802
learning_rate	1e-06
loss	75.9
n_updates	17900
policy_gradient_loss	-0.00142
value_loss	223

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1792
time_elapsed	7610
total_timesteps	917504
train/	
approx_kl	0.0021874045
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.671
explained_variance	0.577
learning_rate	1e-06
loss	247
n_updates	17910
policy_gradient_loss	0.00149
value_loss	471

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1793
time_elapsed	7614
total_timesteps	918016
train/	
approx_kl	0.0013801053
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.748
explained_variance	0.841
learning_rate	1e-06
loss	176
n_updates	17920
policy_gradient_loss	8.53e-05
value_loss	440

rollout/	
ep_len_mean	1.16e+03

ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1794
time_elapsed	7619
total_timesteps	918528
train/	
approx_kl	0.0020257626
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.539
explained_variance	0.825
learning_rate	1e-06
loss	159
n_updates	17930
policy_gradient_loss	4.26e-05
value_loss	302

rollout/	
ep_len_mean	1.16e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1795
time_elapsed	7623
total_timesteps	919040
train/	
approx_kl	0.0011274064
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.669
explained_variance	0.846
learning_rate	1e-06
loss	71.9
n_updates	17940
policy_gradient_loss	0.000744
value_loss	206

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1796
time_elapsed	7627
total_timesteps	919552
train/	
approx_kl	0.00018995802
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.449
explained_variance	0.524
learning_rate	1e-06
loss	85.9
n_updates	17950
policy_gradient_loss	9.44e-05
value_loss	187

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1797
time_elapsed	7632
total_timesteps	920064
train/	
approx_kl	0.0075222435
clip_fraction	0.0309
clip_range	0.2
entropy_loss	-0.681
explained_variance	0.912
learning_rate	1e-06
loss	41.1
n_updates	17960
policy_gradient_loss	-0.00229
value_loss	154

rollout/	
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ep_len_mean	1.17e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1798
time_elapsed	7637
total_timesteps	920576
train/	
approx_kl	0.0019592238
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-0.565
explained_variance	0.893
learning_rate	1e-06
loss	76.2
n_updates	17970
policy_gradient_loss	-0.00262
value_loss	165

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1799
time_elapsed	7641
total_timesteps	921088
train/	
approx_kl	0.0019820633
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.596
explained_variance	0.637
learning_rate	1e-06
loss	291
n_updates	17980
policy_gradient_loss	-0.000736
value_loss	714

rollout/	
ep_len_mean	1.17e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1800
time_elapsed	7645
total_timesteps	921600
train/	
approx_kl	0.0020668833
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.583
explained_variance	0.889
learning_rate	1e-06
loss	44.6
n_updates	17990
policy_gradient_loss	-0.00221
value_loss	233

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1801
time_elapsed	7649
total_timesteps	922112
train/	
approx_kl	0.0014410226
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.473
explained_variance	0.843
learning_rate	1e-06
loss	28.9
n_updates	18000
policy_gradient_loss	-0.00113
value_loss	107

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1802
time_elapsed	7654
total_timesteps	922624
train/	
approx_kl	0.0065491945
clip_fraction	0.0326
clip_range	0.2
entropy_loss	-0.549
explained_variance	0.881
learning_rate	1e-06
loss	63.5
n_updates	18010
policy_gradient_loss	-0.00316
value_loss	164

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1803
time_elapsed	7658
total_timesteps	923136
train/	
approx_kl	0.0024446542
clip_fraction	0.0162
clip_range	0.2
entropy_loss	-0.425
explained_variance	0.945
learning_rate	1e-06
loss	38.1
n_updates	18020
policy_gradient_loss	-0.00325
value_loss	74.9

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1804
time_elapsed	7662
total_timesteps	923648
train/	
approx_kl	0.0026576067
clip_fraction	0.0285
clip_range	0.2
entropy_loss	-0.394
explained_variance	0.714
learning_rate	1e-06
loss	95.3
n_updates	18030
policy_gradient_loss	-0.00351
value_loss	187

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1805
time_elapsed	7666
total_timesteps	924160
train/	
approx_kl	0.0019504927
clip_fraction	0.00977
clip_range	0.2
entropy_loss	-0.599
explained_variance	0.821
learning_rate	1e-06
loss	164
n_updates	18040
policy_gradient_loss	-0.000756
value_loss	263

rollout/		
ep_len_mean		1.18e+03
ep_rew_mean		2.04e+03
time/		
fps		120
iterations		1806
time_elapsed		7670
total_timesteps		924672
train/		
approx_kl		0.0007207417
clip_fraction		0.00156
clip_range		0.2
entropy_loss		-0.473
explained_variance		0.885
learning_rate		1e-06
loss		322
n_updates		18050
policy_gradient_loss		-0.000115
value_loss		273

rollout/		
ep_len_mean		1.18e+03
ep_rew_mean		2.04e+03
time/		
fps		120
iterations		1807
time_elapsed		7675
total_timesteps		925184
train/		
approx_kl		0.0006855705
clip_fraction		0.00117
clip_range		0.2
entropy_loss		-0.4
explained_variance		0.869
learning_rate		1e-06
loss		51.4
n_updates		18060
policy_gradient_loss		-1.82e-05
value_loss		317

rollout/		
ep_len_mean		1.18e+03
ep_rew_mean		2.04e+03
time/		
fps		120
iterations		1808
time_elapsed		7679
total_timesteps		925696
train/		
approx_kl		0.0004298332
clip_fraction		0.000977
clip_range		0.2
entropy_loss		-0.424
explained_variance		0.921
learning_rate		1e-06
loss		70
n_updates		18070
policy_gradient_loss		-0.00117
value_loss		146

rollout/		
ep_len_mean		1.2e+03
ep_rew_mean		2.06e+03
time/		
fps		120
iterations		1809
time_elapsed		7683
total_timesteps		926208
train/		
approx_kl		0.00025747775
clip_fraction		0
clip_range		0.2
entropy_loss		-0.466
explained_variance		0.815
learning_rate		1e-06
loss		83.2
n_updates		18080
policy_gradient_loss		0.000164
value_loss		196

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1810
time_elapsed	7687
total_timesteps	926720
train/	
approx_kl	0.000985453
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.587
explained_variance	0.91
learning_rate	1e-06
loss	54.6
n_updates	18090
policy_gradient_loss	-0.00136
value_loss	150

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1811
time_elapsed	7691
total_timesteps	927232
train/	
approx_kl	0.002844097
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.713
explained_variance	0.846
learning_rate	1e-06
loss	287
n_updates	18100
policy_gradient_loss	-0.00215
value_loss	685

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1812
time_elapsed	7696
total_timesteps	927744
train/	
approx_kl	0.005604904
clip_fraction	0.0312
clip_range	0.2
entropy_loss	-0.608
explained_variance	0.932
learning_rate	1e-06
loss	61.3
n_updates	18110
policy_gradient_loss	-0.00395
value_loss	149

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1813
time_elapsed	7700
total_timesteps	928256
train/	
approx_kl	0.0030716397
clip_fraction	0.0143
clip_range	0.2
entropy_loss	-0.54
explained_variance	0.935
learning_rate	1e-06
loss	70.1
n_updates	18120
policy_gradient_loss	-0.001

value_loss	220
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rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1814
time_elapsed	7704
total_timesteps	928768
train/	
approx_kl	0.0022178707
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.655
explained_variance	0.711
learning_rate	1e-06
loss	235
n_updates	18130
policy_gradient_loss	0.00115
value_loss	722

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1815
time_elapsed	7708
total_timesteps	929280
train/	
approx_kl	0.0021455935
clip_fraction	0.0129
clip_range	0.2
entropy_loss	-0.463
explained_variance	0.943
learning_rate	1e-06
loss	41.4
n_updates	18140
policy_gradient_loss	-0.0038
value_loss	154

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1816
time_elapsed	7713
total_timesteps	929792
train/	
approx_kl	0.0018432601
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.527
explained_variance	0.563
learning_rate	1e-06
loss	107
n_updates	18150
policy_gradient_loss	-0.00291
value_loss	521

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1817
time_elapsed	7718
total_timesteps	930304
train/	
approx_kl	0.0026064669
clip_fraction	0.0168
clip_range	0.2
entropy_loss	-0.527
explained_variance	0.925
learning_rate	1e-06
loss	46.8
n_updates	18160

policy_gradient_loss	-0.00286
value_loss	198

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1818
time_elapsed	7722
total_timesteps	930816
train/	
approx_kl	0.0012116953
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.415
explained_variance	0.845
learning_rate	1e-06
loss	39.6
n_updates	18170
policy_gradient_loss	-0.00167
value_loss	126

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1819
time_elapsed	7726
total_timesteps	931328
train/	
approx_kl	0.0013834757
clip_fraction	0.00234
clip_range	0.2
entropy_loss	-0.539
explained_variance	0.875
learning_rate	1e-06
loss	42.4
n_updates	18180
policy_gradient_loss	-0.00169
value_loss	160

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1820
time_elapsed	7730
total_timesteps	931840
train/	
approx_kl	0.004213942
clip_fraction	0.0469
clip_range	0.2
entropy_loss	-0.477
explained_variance	0.538
learning_rate	1e-06
loss	500
n_updates	18190
policy_gradient_loss	-0.00284
value_loss	871

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1821
time_elapsed	7735
total_timesteps	932352
train/	
approx_kl	0.0022793221
clip_fraction	0.0041
clip_range	0.2
entropy_loss	-0.605
explained_variance	0.922
learning_rate	1e-06
loss	41.8

n_updates	18200
policy_gradient_loss	-0.000805
value_loss	113

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1822
time_elapsed	7739
total_timesteps	932864
train/	
approx_kl	0.0023922918
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.646
explained_variance	0.861
learning_rate	1e-06
loss	95.8
n_updates	18210
policy_gradient_loss	-0.000771
value_loss	177

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1823
time_elapsed	7743
total_timesteps	933376
train/	
approx_kl	0.0023297356
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.72
explained_variance	0.595
learning_rate	1e-06
loss	535
n_updates	18220
policy_gradient_loss	0.00101
value_loss	927

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1824
time_elapsed	7747
total_timesteps	933888
train/	
approx_kl	0.00039101054
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.533
explained_variance	0.854
learning_rate	1e-06
loss	71.7
n_updates	18230
policy_gradient_loss	-0.000821
value_loss	179

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1825
time_elapsed	7752
total_timesteps	934400
train/	
approx_kl	0.004167149
clip_fraction	0.00703
clip_range	0.2
entropy_loss	-0.621
explained_variance	0.885
learning_rate	1e-06

loss	57.2
n_updates	18240
policy_gradient_loss	-0.00122
value_loss	103

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1826
time_elapsed	7756
total_timesteps	934912
train/	
approx_kl	0.0003396686
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.528
explained_variance	0.867
learning_rate	1e-06
loss	59.6
n_updates	18250
policy_gradient_loss	-0.000402
value_loss	155

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1827
time_elapsed	7760
total_timesteps	935424
train/	
approx_kl	0.0013994679
clip_fraction	0.00254
clip_range	0.2
entropy_loss	-0.59
explained_variance	0.896
learning_rate	1e-06
loss	43.1
n_updates	18260
policy_gradient_loss	-0.00519
value_loss	164

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1828
time_elapsed	7764
total_timesteps	935936
train/	
approx_kl	0.0007313803
clip_fraction	0
clip_range	0.2
entropy_loss	-0.721
explained_variance	0.932
learning_rate	1e-06
loss	62
n_updates	18270
policy_gradient_loss	-0.000271
value_loss	247

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1829
time_elapsed	7768
total_timesteps	936448
train/	
approx_kl	0.0027128097
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-0.415
explained_variance	0.804

learning_rate	1e-06
loss	43.3
n_updates	18280
policy_gradient_loss	-0.00194
value_loss	110

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1830
time_elapsed	7773
total_timesteps	936960
train/	
approx_kl	0.00045829406
clip_fraction	0
clip_range	0.2
entropy_loss	-0.454
explained_variance	0.808
learning_rate	1e-06
loss	61.9
n_updates	18290
policy_gradient_loss	-0.00095
value_loss	240

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1831
time_elapsed	7777
total_timesteps	937472
train/	
approx_kl	0.00054817833
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.401
explained_variance	0.452
learning_rate	1e-06
loss	83.1
n_updates	18300
policy_gradient_loss	-0.00078
value_loss	721

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1832
time_elapsed	7781
total_timesteps	937984
train/	
approx_kl	0.001964232
clip_fraction	0.00488
clip_range	0.2
entropy_loss	-0.62
explained_variance	0.927
learning_rate	1e-06
loss	141
n_updates	18310
policy_gradient_loss	-0.00123
value_loss	230

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1833
time_elapsed	7785
total_timesteps	938496
train/	
approx_kl	0.0006215486
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.464

explained_variance	0.661
learning_rate	1e-06
loss	48.1
n_updates	18320
policy_gradient_loss	-0.00173
value_loss	216

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1834
time_elapsed	7790
total_timesteps	939008
train/	
approx_kl	0.001884234
clip_fraction	0.00684
clip_range	0.2
entropy_loss	-0.425
explained_variance	0.863
learning_rate	1e-06
loss	42.8
n_updates	18330
policy_gradient_loss	-0.00189
value_loss	102

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.11e+03
time/	
fps	120
iterations	1835
time_elapsed	7794
total_timesteps	939520
train/	
approx_kl	0.0014954049
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.454
explained_variance	0.8
learning_rate	1e-06
loss	57.1
n_updates	18340
policy_gradient_loss	-0.000335
value_loss	215

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.11e+03
time/	
fps	120
iterations	1836
time_elapsed	7799
total_timesteps	940032
train/	
approx_kl	0.00055564346
clip_fraction	0
clip_range	0.2
entropy_loss	-0.396
explained_variance	0.679
learning_rate	1e-06
loss	400
n_updates	18350
policy_gradient_loss	-0.00264
value_loss	683

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.11e+03
time/	
fps	120
iterations	1837
time_elapsed	7803
total_timesteps	940544
train/	
approx_kl	0.0018951222
clip_fraction	0.0109
clip_range	0.2

entropy_loss	-0.354
explained_variance	0.774
learning_rate	1e-06
loss	51.5
n_updates	18360
policy_gradient_loss	-0.00128
value_loss	102

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.11e+03
time/	
fps	120
iterations	1838
time_elapsed	7807
total_timesteps	941056
train/	
approx_kl	0.0033852134
clip_fraction	0.0287
clip_range	0.2
entropy_loss	-0.495
explained_variance	0.926
learning_rate	1e-06
loss	38.8
n_updates	18370
policy_gradient_loss	-0.00416
value_loss	139

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1839
time_elapsed	7812
total_timesteps	941568
train/	
approx_kl	0.0009898441
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.419
explained_variance	0.647
learning_rate	1e-06
loss	50.3
n_updates	18380
policy_gradient_loss	-0.00133
value_loss	125

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1840
time_elapsed	7816
total_timesteps	942080
train/	
approx_kl	0.0020199087
clip_fraction	0.0316
clip_range	0.2
entropy_loss	-0.41
explained_variance	0.254
learning_rate	1e-06
loss	503
n_updates	18390
policy_gradient_loss	-0.00412
value_loss	1.5e+03

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1841
time_elapsed	7820
total_timesteps	942592
train/	
approx_kl	0.0010801618
clip_fraction	0.00195

clip_range	0.2
entropy_loss	-0.582
explained_variance	0.763
learning_rate	1e-06
loss	55.3
n_updates	18400
policy_gradient_loss	-0.00152
value_loss	174

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1842
time_elapsed	7824
total_timesteps	943104
train/	
approx_kl	0.002653261
clip_fraction	0.015
clip_range	0.2
entropy_loss	-0.475
explained_variance	0.87
learning_rate	1e-06
loss	91.7
n_updates	18410
policy_gradient_loss	-0.00339
value_loss	174

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1843
time_elapsed	7829
total_timesteps	943616
train/	
approx_kl	0.00093622645
clip_fraction	0
clip_range	0.2
entropy_loss	-0.676
explained_variance	0.935
learning_rate	1e-06
loss	40.8
n_updates	18420
policy_gradient_loss	-0.00117
value_loss	140

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1844
time_elapsed	7833
total_timesteps	944128
train/	
approx_kl	0.0018546756
clip_fraction	0.0111
clip_range	0.2
entropy_loss	-0.401
explained_variance	0.931
learning_rate	1e-06
loss	17.4
n_updates	18430
policy_gradient_loss	-0.00286
value_loss	84.7

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1845
time_elapsed	7837
total_timesteps	944640
train/	
approx_kl	0.00092778564

clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.37
explained_variance	0.783
learning_rate	1e-06
loss	63.5
n_updates	18440
policy_gradient_loss	-0.000924
value_loss	262

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1846
time_elapsed	7841
total_timesteps	945152
train/	
approx_kl	0.0017651024
clip_fraction	0.00352
clip_range	0.2
entropy_loss	-0.634
explained_variance	0.774
learning_rate	1e-06
loss	69.7
n_updates	18450
policy_gradient_loss	-0.00309
value_loss	512

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1847
time_elapsed	7845
total_timesteps	945664
train/	
approx_kl	0.00068223185
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.49
explained_variance	0.912
learning_rate	1e-06
loss	76.3
n_updates	18460
policy_gradient_loss	-0.000484
value_loss	177

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1848
time_elapsed	7850
total_timesteps	946176
train/	
approx_kl	0.0020427015
clip_fraction	0.024
clip_range	0.2
entropy_loss	-0.481
explained_variance	0.738
learning_rate	1e-06
loss	390
n_updates	18470
policy_gradient_loss	-0.00409
value_loss	793

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1849
time_elapsed	7854
total_timesteps	946688
train/	

approx_kl	0.0019204515
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.48
explained_variance	0.915
learning_rate	1e-06
loss	67.7
n_updates	18480
policy_gradient_loss	-0.00174
value_loss	215

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1850
time_elapsed	7858
total_timesteps	947200
train/	
approx_kl	0.001704805
clip_fraction	0.00859
clip_range	0.2
entropy_loss	-0.484
explained_variance	0.887
learning_rate	1e-06
loss	113
n_updates	18490
policy_gradient_loss	-0.00274
value_loss	257

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1851
time_elapsed	7862
total_timesteps	947712
train/	
approx_kl	0.0004935501
clip_fraction	0
clip_range	0.2
entropy_loss	-0.521
explained_variance	0.902
learning_rate	1e-06
loss	120
n_updates	18500
policy_gradient_loss	-0.000769
value_loss	225

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1852
time_elapsed	7867
total_timesteps	948224
train/	
approx_kl	0.004573835
clip_fraction	0.0193
clip_range	0.2
entropy_loss	-0.659
explained_variance	0.297
learning_rate	1e-06
loss	207
n_updates	18510
policy_gradient_loss	-0.00436
value_loss	1.14e+03

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1853
time_elapsed	7871
total_timesteps	948736

train/	
approx_kl	0.0019962867
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.774
explained_variance	0.944
learning_rate	1e-06
loss	58.4
n_updates	18520
policy_gradient_loss	-0.00142
value_loss	168

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1854
time_elapsed	7875
total_timesteps	949248
train/	
approx_kl	0.0029364198
clip_fraction	0.0154
clip_range	0.2
entropy_loss	-0.577
explained_variance	0.854
learning_rate	1e-06
loss	79.2
n_updates	18530
policy_gradient_loss	-0.00171
value_loss	237

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1855
time_elapsed	7879
total_timesteps	949760
train/	
approx_kl	0.002980146
clip_fraction	0.0135
clip_range	0.2
entropy_loss	-0.663
explained_variance	0.58
learning_rate	1e-06
loss	91.4
n_updates	18540
policy_gradient_loss	8.85e-05
value_loss	239

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.1e+03
time/	
fps	120
iterations	1856
time_elapsed	7884
total_timesteps	950272
train/	
approx_kl	0.0034267348
clip_fraction	0.0268
clip_range	0.2
entropy_loss	-0.706
explained_variance	0.905
learning_rate	1e-06
loss	93.3
n_updates	18550
policy_gradient_loss	-0.00396
value_loss	227

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1857
time_elapsed	7889

total_timesteps	950784
train/	
approx_kl	0.0018203397
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.671
explained_variance	0.898
learning_rate	1e-06
loss	61.6
n_updates	18560
policy_gradient_loss	-0.00169
value_loss	146

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1858
time_elapsed	7893
total_timesteps	951296
train/	
approx_kl	0.0021539074
clip_fraction	0.0131
clip_range	0.2
entropy_loss	-0.721
explained_variance	0.967
learning_rate	1e-06
loss	77.1
n_updates	18570
policy_gradient_loss	0.000306
value_loss	158

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1859
time_elapsed	7897
total_timesteps	951808
train/	
approx_kl	0.0005460689
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.593
explained_variance	0.761
learning_rate	1e-06
loss	110
n_updates	18580
policy_gradient_loss	-0.000975
value_loss	416

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1860
time_elapsed	7901
total_timesteps	952320
train/	
approx_kl	0.002832472
clip_fraction	0.00625
clip_range	0.2
entropy_loss	-0.64
explained_variance	0.85
learning_rate	1e-06
loss	174
n_updates	18590
policy_gradient_loss	-0.00313
value_loss	234

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1861

time_elapsed	7905
total_timesteps	952832
train/	
approx_kl	0.0021826662
clip_fraction	0.00547
clip_range	0.2
entropy_loss	-0.589
explained_variance	0.879
learning_rate	1e-06
loss	77.1
n_updates	18600
policy_gradient_loss	-0.00393
value_loss	124

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1862
time_elapsed	7910
total_timesteps	953344
train/	
approx_kl	0.0006403482
clip_fraction	0.0105
clip_range	0.2
entropy_loss	-0.622
explained_variance	0.793
learning_rate	1e-06
loss	153
n_updates	18610
policy_gradient_loss	0.0016
value_loss	409

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1863
time_elapsed	7914
total_timesteps	953856
train/	
approx_kl	0.0027899616
clip_fraction	0.0191
clip_range	0.2
entropy_loss	-0.507
explained_variance	0.84
learning_rate	1e-06
loss	55.7
n_updates	18620
policy_gradient_loss	-0.00249
value_loss	152

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1864
time_elapsed	7918
total_timesteps	954368
train/	
approx_kl	0.0043531293
clip_fraction	0.0197
clip_range	0.2
entropy_loss	-0.747
explained_variance	0.964
learning_rate	1e-06
loss	56.8
n_updates	18630
policy_gradient_loss	-0.00486
value_loss	136

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120

iterations	1865
time_elapsed	7922
total_timesteps	954880
train/	
approx_kl	0.00036886334
clip_fraction	0
clip_range	0.2
entropy_loss	-0.497
explained_variance	0.938
learning_rate	1e-06
loss	31.9
n_updates	18640
policy_gradient_loss	-6.09e-05
value_loss	89.8

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1866
time_elapsed	7927
total_timesteps	955392
train/	
approx_kl	0.0006234476
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.49
explained_variance	0.819
learning_rate	1e-06
loss	102
n_updates	18650
policy_gradient_loss	-0.000873
value_loss	201

rollout/	
ep_len_mean	1.23e+03
ep_rew_mean	2.09e+03
time/	
fps	120
iterations	1867
time_elapsed	7931
total_timesteps	955904
train/	
approx_kl	0.0002446965
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.524
explained_variance	0.712
learning_rate	1e-06
loss	131
n_updates	18660
policy_gradient_loss	0.00136
value_loss	688

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.08e+03
time/	
fps	120
iterations	1868
time_elapsed	7935
total_timesteps	956416
train/	
approx_kl	0.0027909668
clip_fraction	0.0172
clip_range	0.2
entropy_loss	-0.702
explained_variance	0.871
learning_rate	1e-06
loss	110
n_updates	18670
policy_gradient_loss	-0.00142
value_loss	306

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.07e+03
time/	

fps	120
iterations	1869
time_elapsed	7939
total_timesteps	956928
train/	
approx_kl	0.00396841
clip_fraction	0.023
clip_range	0.2
entropy_loss	-0.506
explained_variance	0.958
learning_rate	1e-06
loss	33.9
n_updates	18680
policy_gradient_loss	-0.00621
value_loss	95.8

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1870
time_elapsed	7944
total_timesteps	957440
train/	
approx_kl	0.0030025546
clip_fraction	0.05
clip_range	0.2
entropy_loss	-0.486
explained_variance	0.523
learning_rate	1e-06
loss	303
n_updates	18690
policy_gradient_loss	-0.00158
value_loss	780

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1871
time_elapsed	7948
total_timesteps	957952
train/	
approx_kl	0.0025557475
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-0.438
explained_variance	0.904
learning_rate	1e-06
loss	55.9
n_updates	18700
policy_gradient_loss	-0.00166
value_loss	169

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.07e+03
time/	
fps	120
iterations	1872
time_elapsed	7952
total_timesteps	958464
train/	
approx_kl	0.0012961504
clip_fraction	0.00586
clip_range	0.2
entropy_loss	-0.49
explained_variance	0.901
learning_rate	1e-06
loss	66.7
n_updates	18710
policy_gradient_loss	-0.000886
value_loss	123

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.06e+03

time/	
fps	120
iterations	1873
time_elapsed	7956
total_timesteps	958976
train/	
approx_kl	0.0008932791
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.488
explained_variance	0.933
learning_rate	1e-06
loss	113
n_updates	18720
policy_gradient_loss	-0.00132
value_loss	221

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1874
time_elapsed	7960
total_timesteps	959488
train/	
approx_kl	0.0022309658
clip_fraction	0.00781
clip_range	0.2
entropy_loss	-0.311
explained_variance	0.382
learning_rate	1e-06
loss	180
n_updates	18730
policy_gradient_loss	-0.00233
value_loss	672

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1875
time_elapsed	7965
total_timesteps	960000
train/	
approx_kl	0.003730049
clip_fraction	0.0385
clip_range	0.2
entropy_loss	-0.45
explained_variance	0.606
learning_rate	1e-06
loss	241
n_updates	18740
policy_gradient_loss	0.00157
value_loss	628

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.06e+03
time/	
fps	120
iterations	1876
time_elapsed	7970
total_timesteps	960512
train/	
approx_kl	0.0013414036
clip_fraction	0.00332
clip_range	0.2
entropy_loss	-0.604
explained_variance	0.904
learning_rate	1e-06
loss	112
n_updates	18750
policy_gradient_loss	-0.00223
value_loss	390

rollout/	
ep_len_mean	1.2e+03

ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1877
time_elapsed	7974
total_timesteps	961024
train/	
approx_kl	0.00011847832
clip_fraction	0
clip_range	0.2
entropy_loss	-0.368
explained_variance	0.902
learning_rate	1e-06
loss	123
n_updates	18760
policy_gradient_loss	-0.000478
value_loss	238

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1878
time_elapsed	7978
total_timesteps	961536
train/	
approx_kl	0.0017572354
clip_fraction	0.0158
clip_range	0.2
entropy_loss	-0.344
explained_variance	0.487
learning_rate	1e-06
loss	188
n_updates	18770
policy_gradient_loss	-0.000905
value_loss	806

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1879
time_elapsed	7982
total_timesteps	962048
train/	
approx_kl	0.002476695
clip_fraction	0.0139
clip_range	0.2
entropy_loss	-0.455
explained_variance	0.808
learning_rate	1e-06
loss	69.1
n_updates	18780
policy_gradient_loss	0.00235
value_loss	286

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1880
time_elapsed	7987
total_timesteps	962560
train/	
approx_kl	0.0014723872
clip_fraction	0.0107
clip_range	0.2
entropy_loss	-0.488
explained_variance	0.667
learning_rate	1e-06
loss	129
n_updates	18790
policy_gradient_loss	-0.00292
value_loss	469

rollout/	
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ep_len_mean	1.19e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1881
time_elapsed	7991
total_timesteps	963072
train/	
approx_kl	0.00061483786
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.465
explained_variance	0.879
learning_rate	1e-06
loss	44.7
n_updates	18800
policy_gradient_loss	-0.000713
value_loss	179

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1882
time_elapsed	7995
total_timesteps	963584
train/	
approx_kl	0.0053789294
clip_fraction	0.027
clip_range	0.2
entropy_loss	-0.585
explained_variance	0.862
learning_rate	1e-06
loss	59.1
n_updates	18810
policy_gradient_loss	-0.00764
value_loss	166

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1883
time_elapsed	7999
total_timesteps	964096
train/	
approx_kl	0.0015007834
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.659
explained_variance	0.939
learning_rate	1e-06
loss	63.9
n_updates	18820
policy_gradient_loss	-0.00135
value_loss	206

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1884
time_elapsed	8003
total_timesteps	964608
train/	
approx_kl	0.0032247042
clip_fraction	0.0234
clip_range	0.2
entropy_loss	-0.542
explained_variance	0.891
learning_rate	1e-06
loss	62.3
n_updates	18830
policy_gradient_loss	-0.003
value_loss	156

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.05e+03
time/	
fps	120
iterations	1885
time_elapsed	8008
total_timesteps	965120
train/	
approx_kl	0.0036727374
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-0.755
explained_variance	0.889
learning_rate	1e-06
loss	90.9
n_updates	18840
policy_gradient_loss	-0.00406
value_loss	235

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1886
time_elapsed	8012
total_timesteps	965632
train/	
approx_kl	0.0011322938
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.54
explained_variance	0.941
learning_rate	1e-06
loss	25
n_updates	18850
policy_gradient_loss	-0.00168
value_loss	147

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1887
time_elapsed	8016
total_timesteps	966144
train/	
approx_kl	0.0017094283
clip_fraction	0.0102
clip_range	0.2
entropy_loss	-0.476
explained_variance	0.373
learning_rate	1e-06
loss	494
n_updates	18860
policy_gradient_loss	-0.00317
value_loss	847

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1888
time_elapsed	8020
total_timesteps	966656
train/	
approx_kl	0.0040747263
clip_fraction	0.0494
clip_range	0.2
entropy_loss	-0.587
explained_variance	0.639
learning_rate	1e-06
loss	314
n_updates	18870
policy_gradient_loss	-0.00111
value_loss	752

rollout/		
ep_len_mean		1.18e+03
ep_rew_mean		2.01e+03
time/		
fps		120
iterations		1889
time_elapsed		8025
total_timesteps		967168
train/		
approx_kl		0.0026621954
clip_fraction		0.00586
clip_range		0.2
entropy_loss		-0.763
explained_variance		0.866
learning_rate		1e-06
loss		51.3
n_updates		18880
policy_gradient_loss		-0.00205
value_loss		173

rollout/		
ep_len_mean		1.18e+03
ep_rew_mean		2.01e+03
time/		
fps		120
iterations		1890
time_elapsed		8029
total_timesteps		967680
train/		
approx_kl		0.0054145427
clip_fraction		0.0314
clip_range		0.2
entropy_loss		-0.764
explained_variance		0.827
learning_rate		1e-06
loss		33.3
n_updates		18890
policy_gradient_loss		-0.00549
value_loss		261

rollout/		
ep_len_mean		1.19e+03
ep_rew_mean		2.03e+03
time/		
fps		120
iterations		1891
time_elapsed		8033
total_timesteps		968192
train/		
approx_kl		0.0021510506
clip_fraction		0.00703
clip_range		0.2
entropy_loss		-0.812
explained_variance		0.766
learning_rate		1e-06
loss		88.1
n_updates		18900
policy_gradient_loss		0.00223
value_loss		307

rollout/		
ep_len_mean		1.19e+03
ep_rew_mean		2.03e+03
time/		
fps		120
iterations		1892
time_elapsed		8037
total_timesteps		968704
train/		
approx_kl		0.001650049
clip_fraction		0.0041
clip_range		0.2
entropy_loss		-0.896
explained_variance		0.539
learning_rate		1e-06
loss		336
n_updates		18910
policy_gradient_loss		-0.00261
value_loss		804

rollout/		
ep_len_mean	1.19e+03	
ep_rew_mean	2.03e+03	
time/		
fps	120	
iterations	1893	
time_elapsed	8042	
total_timesteps	969216	
train/		
approx_kl	0.0061146906	
clip_fraction	0.0475	
clip_range	0.2	
entropy_loss	-0.654	
explained_variance	0.926	
learning_rate	1e-06	
loss	52	
n_updates	18920	
policy_gradient_loss	-0.00551	
value_loss	121	

rollout/		
ep_len_mean	1.19e+03	
ep_rew_mean	2.03e+03	
time/		
fps	120	
iterations	1894	
time_elapsed	8046	
total_timesteps	969728	
train/		
approx_kl	0.0008658592	
clip_fraction	0.000977	
clip_range	0.2	
entropy_loss	-0.654	
explained_variance	0.904	
learning_rate	1e-06	
loss	78.3	
n_updates	18930	
policy_gradient_loss	-0.00122	
value_loss	184	

rollout/		
ep_len_mean	1.19e+03	
ep_rew_mean	2.04e+03	
time/		
fps	120	
iterations	1895	
time_elapsed	8051	
total_timesteps	970240	
train/		
approx_kl	0.0040677767	
clip_fraction	0.0213	
clip_range	0.2	
entropy_loss	-0.689	
explained_variance	0.906	
learning_rate	1e-06	
loss	62.5	
n_updates	18940	
policy_gradient_loss	-0.00608	
value_loss	153	

rollout/		
ep_len_mean	1.19e+03	
ep_rew_mean	2.04e+03	
time/		
fps	120	
iterations	1896	
time_elapsed	8055	
total_timesteps	970752	
train/		
approx_kl	0.006271193	
clip_fraction	0.0604	
clip_range	0.2	
entropy_loss	-0.72	
explained_variance	0.492	
learning_rate	1e-06	
loss	592	
n_updates	18950	
policy_gradient_loss	-0.00622	

value_loss	984
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rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1897
time_elapsed	8059
total_timesteps	971264
train/	
approx_kl	0.0060571525
clip_fraction	0.0217
clip_range	0.2
entropy_loss	-0.911
explained_variance	0.955
learning_rate	1e-06
loss	31.5
n_updates	18960
policy_gradient_loss	-0.005
value_loss	94.6

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1898
time_elapsed	8064
total_timesteps	971776
train/	
approx_kl	0.002395424
clip_fraction	0.0133
clip_range	0.2
entropy_loss	-0.996
explained_variance	0.862
learning_rate	1e-06
loss	245
n_updates	18970
policy_gradient_loss	-0.00189
value_loss	459

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1899
time_elapsed	8068
total_timesteps	972288
train/	
approx_kl	0.0018598002
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.897
explained_variance	0.907
learning_rate	1e-06
loss	91.7
n_updates	18980
policy_gradient_loss	-0.000526
value_loss	215

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1900
time_elapsed	8072
total_timesteps	972800
train/	
approx_kl	0.008294107
clip_fraction	0.0387
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.79
learning_rate	1e-06
loss	269
n_updates	18990

policy_gradient_loss	-0.00397
value_loss	588

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1901
time_elapsed	8076
total_timesteps	973312
train/	
approx_kl	0.00391806
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.953
explained_variance	0.927
learning_rate	1e-06
loss	48.5
n_updates	19000
policy_gradient_loss	-0.00213
value_loss	183

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1902
time_elapsed	8081
total_timesteps	973824
train/	
approx_kl	0.0069869803
clip_fraction	0.0568
clip_range	0.2
entropy_loss	-0.816
explained_variance	0.687
learning_rate	1e-06
loss	691
n_updates	19010
policy_gradient_loss	-0.00352
value_loss	796

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1903
time_elapsed	8085
total_timesteps	974336
train/	
approx_kl	0.00514463
clip_fraction	0.0113
clip_range	0.2
entropy_loss	-0.978
explained_variance	0.88
learning_rate	1e-06
loss	38.1
n_updates	19020
policy_gradient_loss	-0.00461
value_loss	208

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1904
time_elapsed	8089
total_timesteps	974848
train/	
approx_kl	0.007035019
clip_fraction	0.0225
clip_range	0.2
entropy_loss	-1.09
explained_variance	0.755
learning_rate	1e-06
loss	26.4

n_updates	19030
policy_gradient_loss	-0.0022
value_loss	93.9

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1905
time_elapsed	8093
total_timesteps	975360
train/	
approx_kl	0.0015663
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.891
explained_variance	0.865
learning_rate	1e-06
loss	129
n_updates	19040
policy_gradient_loss	-0.00156
value_loss	269

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1906
time_elapsed	8097
total_timesteps	975872
train/	
approx_kl	0.0036754047
clip_fraction	0.0146
clip_range	0.2
entropy_loss	-0.81
explained_variance	0.92
learning_rate	1e-06
loss	66.7
n_updates	19050
policy_gradient_loss	-0.00316
value_loss	162

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1907
time_elapsed	8102
total_timesteps	976384
train/	
approx_kl	0.008781405
clip_fraction	0.0662
clip_range	0.2
entropy_loss	-0.967
explained_variance	0.898
learning_rate	1e-06
loss	113
n_updates	19060
policy_gradient_loss	-0.00921
value_loss	341

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1908
time_elapsed	8106
total_timesteps	976896
train/	
approx_kl	0.002604959
clip_fraction	0.0242
clip_range	0.2
entropy_loss	-0.773
explained_variance	0.911
learning_rate	1e-06

loss	61.3
n_updates	19070
policy_gradient_loss	-0.00324
value_loss	130

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1909
time_elapsed	8110
total_timesteps	977408
train/	
approx_kl	0.0006612224
clip_fraction	0.00117
clip_range	0.2
entropy_loss	-0.543
explained_variance	0.558
learning_rate	1e-06
loss	86.3
n_updates	19080
policy_gradient_loss	-0.000235
value_loss	720

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1910
time_elapsed	8114
total_timesteps	977920
train/	
approx_kl	0.0016329101
clip_fraction	0.000781
clip_range	0.2
entropy_loss	-0.673
explained_variance	0.878
learning_rate	1e-06
loss	32.3
n_updates	19090
policy_gradient_loss	-0.00244
value_loss	122

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1911
time_elapsed	8119
total_timesteps	978432
train/	
approx_kl	0.0051534623
clip_fraction	0.0309
clip_range	0.2
entropy_loss	-0.747
explained_variance	0.824
learning_rate	1e-06
loss	78.2
n_updates	19100
policy_gradient_loss	-0.00165
value_loss	189

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1912
time_elapsed	8123
total_timesteps	978944
train/	
approx_kl	0.0034708267
clip_fraction	0.0166
clip_range	0.2
entropy_loss	-0.586
explained_variance	0.891

learning_rate	1e-06
loss	110
n_updates	19110
policy_gradient_loss	-0.00337
value_loss	280

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1913
time_elapsed	8127
total_timesteps	979456
train/	
approx_kl	0.0018144398
clip_fraction	0.00313
clip_range	0.2
entropy_loss	-0.538
explained_variance	0.886
learning_rate	1e-06
loss	49.2
n_updates	19120
policy_gradient_loss	-0.00206
value_loss	144

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1914
time_elapsed	8131
total_timesteps	979968
train/	
approx_kl	0.00051161926
clip_fraction	0
clip_range	0.2
entropy_loss	-0.571
explained_variance	0.803
learning_rate	1e-06
loss	94.2
n_updates	19130
policy_gradient_loss	0.000833
value_loss	192

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1915
time_elapsed	8136
total_timesteps	980480
train/	
approx_kl	0.0028195847
clip_fraction	0.0404
clip_range	0.2
entropy_loss	-0.58
explained_variance	0.648
learning_rate	1e-06
loss	122
n_updates	19140
policy_gradient_loss	-0.00143
value_loss	801

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1916
time_elapsed	8141
total_timesteps	980992
train/	
approx_kl	0.0010159469
clip_fraction	0.000586
clip_range	0.2
entropy_loss	-0.61

explained_variance	0.788
learning_rate	1e-06
loss	73.4
n_updates	19150
policy_gradient_loss	-0.000292
value_loss	151

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1917
time_elapsed	8145
total_timesteps	981504
train/	
approx_kl	0.0017698309
clip_fraction	0.00137
clip_range	0.2
entropy_loss	-0.522
explained_variance	0.725
learning_rate	1e-06
loss	53.8
n_updates	19160
policy_gradient_loss	-0.00106
value_loss	159

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1918
time_elapsed	8149
total_timesteps	982016
train/	
approx_kl	0.0010355049
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.633
explained_variance	0.916
learning_rate	1e-06
loss	126
n_updates	19170
policy_gradient_loss	0.000114
value_loss	236

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1919
time_elapsed	8153
total_timesteps	982528
train/	
approx_kl	0.0047570113
clip_fraction	0.0564
clip_range	0.2
entropy_loss	-0.588
explained_variance	0.729
learning_rate	1e-06
loss	126
n_updates	19180
policy_gradient_loss	-0.00866
value_loss	314

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1920
time_elapsed	8158
total_timesteps	983040
train/	
approx_kl	0.005302023
clip_fraction	0.0238
clip_range	0.2

entropy_loss	-0.697
explained_variance	0.835
learning_rate	1e-06
loss	395
n_updates	19190
policy_gradient_loss	-0.00318
value_loss	598

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1921
time_elapsed	8162
total_timesteps	983552
train/	
approx_kl	0.005832718
clip_fraction	0.0258
clip_range	0.2
entropy_loss	-0.709
explained_variance	0.928
learning_rate	1e-06
loss	44.4
n_updates	19200
policy_gradient_loss	-0.00207
value_loss	143

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1922
time_elapsed	8166
total_timesteps	984064
train/	
approx_kl	0.003004218
clip_fraction	0.00645
clip_range	0.2
entropy_loss	-0.471
explained_variance	0.925
learning_rate	1e-06
loss	87.7
n_updates	19210
policy_gradient_loss	-0.003
value_loss	151

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.04e+03
time/	
fps	120
iterations	1923
time_elapsed	8170
total_timesteps	984576
train/	
approx_kl	0.0010444705
clip_fraction	0.00469
clip_range	0.2
entropy_loss	-0.281
explained_variance	0.845
learning_rate	1e-06
loss	27.5
n_updates	19220
policy_gradient_loss	-0.000878
value_loss	123

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1924
time_elapsed	8174
total_timesteps	985088
train/	
approx_kl	0.0011788683
clip_fraction	0.0262

clip_range	0.2
entropy_loss	-0.329
explained_variance	0.659
learning_rate	1e-06
loss	93.9
n_updates	19230
policy_gradient_loss	0.00298
value_loss	691

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1925
time_elapsed	8179
total_timesteps	985600
train/	
approx_kl	0.001513253
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-0.304
explained_variance	0.313
learning_rate	1e-06
loss	742
n_updates	19240
policy_gradient_loss	-0.00189
value_loss	724

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1926
time_elapsed	8183
total_timesteps	986112
train/	
approx_kl	0.0008938144
clip_fraction	0.00273
clip_range	0.2
entropy_loss	-0.366
explained_variance	0.952
learning_rate	1e-06
loss	26.7
n_updates	19250
policy_gradient_loss	-0.00102
value_loss	77.7

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1927
time_elapsed	8187
total_timesteps	986624
train/	
approx_kl	0.00085034524
clip_fraction	0.00391
clip_range	0.2
entropy_loss	-0.319
explained_variance	0.912
learning_rate	1e-06
loss	57.4
n_updates	19260
policy_gradient_loss	-0.00117
value_loss	145

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1928
time_elapsed	8191
total_timesteps	987136
train/	
approx_kl	0.0007574271

clip_fraction	0.00508
clip_range	0.2
entropy_loss	-0.381
explained_variance	0.795
learning_rate	1e-06
loss	43.6
n_updates	19270
policy_gradient_loss	7.57e-05
value_loss	471

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1929
time_elapsed	8195
total_timesteps	987648
train/	
approx_kl	0.0009983688
clip_fraction	0.00195
clip_range	0.2
entropy_loss	-0.48
explained_variance	0.874
learning_rate	1e-06
loss	95.4
n_updates	19280
policy_gradient_loss	-0.000234
value_loss	188

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1930
time_elapsed	8200
total_timesteps	988160
train/	
approx_kl	0.0030370257
clip_fraction	0.0359
clip_range	0.2
entropy_loss	-0.461
explained_variance	0.732
learning_rate	1e-06
loss	548
n_updates	19290
policy_gradient_loss	0.00641
value_loss	634

rollout/	
ep_len_mean	1.22e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1931
time_elapsed	8204
total_timesteps	988672
train/	
approx_kl	0.0013482067
clip_fraction	0.0043
clip_range	0.2
entropy_loss	-0.529
explained_variance	0.903
learning_rate	1e-06
loss	26.7
n_updates	19300
policy_gradient_loss	-0.00159
value_loss	95.1

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1932
time_elapsed	8208
total_timesteps	989184
train/	

approx_kl	0.0018800489
clip_fraction	0.024
clip_range	0.2
entropy_loss	-0.522
explained_variance	0.637
learning_rate	1e-06
loss	139
n_updates	19310
policy_gradient_loss	0.00208
value_loss	281

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1933
time_elapsed	8212
total_timesteps	989696
train/	
approx_kl	0.0008049465
clip_fraction	0.00527
clip_range	0.2
entropy_loss	-0.428
explained_variance	0.568
learning_rate	1e-06
loss	111
n_updates	19320
policy_gradient_loss	0.000215
value_loss	647

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1934
time_elapsed	8217
total_timesteps	990208
train/	
approx_kl	0.0036177305
clip_fraction	0.0141
clip_range	0.2
entropy_loss	-0.651
explained_variance	0.935
learning_rate	1e-06
loss	48.4
n_updates	19330
policy_gradient_loss	-0.00367
value_loss	155

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1935
time_elapsed	8222
total_timesteps	990720
train/	
approx_kl	0.0014915516
clip_fraction	0.00293
clip_range	0.2
entropy_loss	-0.482
explained_variance	0.885
learning_rate	1e-06
loss	41.6
n_updates	19340
policy_gradient_loss	-0.00215
value_loss	106

rollout/	
ep_len_mean	1.21e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1936
time_elapsed	8226
total_timesteps	991232

train/	
approx_kl	0.0010883211
clip_fraction	0.00566
clip_range	0.2
entropy_loss	-0.352
explained_variance	0.841
learning_rate	1e-06
loss	42.1
n_updates	19350
policy_gradient_loss	-0.00166
value_loss	101

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1937
time_elapsed	8230
total_timesteps	991744
train/	
approx_kl	0.0023613698
clip_fraction	0.0152
clip_range	0.2
entropy_loss	-0.327
explained_variance	0.706
learning_rate	1e-06
loss	64.5
n_updates	19360
policy_gradient_loss	0.000182
value_loss	180

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1938
time_elapsed	8234
total_timesteps	992256
train/	
approx_kl	0.0025474303
clip_fraction	0.0119
clip_range	0.2
entropy_loss	-0.345
explained_variance	0.869
learning_rate	1e-06
loss	35.2
n_updates	19370
policy_gradient_loss	-0.00331
value_loss	216

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.02e+03
time/	
fps	120
iterations	1939
time_elapsed	8239
total_timesteps	992768
train/	
approx_kl	0.00019601092
clip_fraction	0.00215
clip_range	0.2
entropy_loss	-0.237
explained_variance	0.466
learning_rate	1e-06
loss	568
n_updates	19380
policy_gradient_loss	6.33e-05
value_loss	778

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1940
time_elapsed	8243

total_timesteps	993280
train/	
approx_kl	0.00024336693
clip_fraction	0.000195
clip_range	0.2
entropy_loss	-0.172
explained_variance	0.746
learning_rate	1e-06
loss	60.2
n_updates	19390
policy_gradient_loss	-0.00073
value_loss	180

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1941
time_elapsed	8247
total_timesteps	993792
train/	
approx_kl	0.0009212339
clip_fraction	0.0082
clip_range	0.2
entropy_loss	-0.292
explained_variance	0.682
learning_rate	1e-06
loss	225
n_updates	19400
policy_gradient_loss	-0.00253
value_loss	559

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1942
time_elapsed	8251
total_timesteps	994304
train/	
approx_kl	0.0003205638
clip_fraction	0.00937
clip_range	0.2
entropy_loss	-0.235
explained_variance	0.541
learning_rate	1e-06
loss	376
n_updates	19410
policy_gradient_loss	0.00178
value_loss	714

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1943
time_elapsed	8256
total_timesteps	994816
train/	
approx_kl	0.0020016795
clip_fraction	0.0141
clip_range	0.2
entropy_loss	-0.3
explained_variance	0.769
learning_rate	1e-06
loss	121
n_updates	19420
policy_gradient_loss	-0.00293
value_loss	292

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1944

time_elapsed	8260
total_timesteps	995328
train/	
approx_kl	0.0010724901
clip_fraction	0.00449
clip_range	0.2
entropy_loss	-0.219
explained_variance	0.544
learning_rate	1e-06
loss	239
n_updates	19430
policy_gradient_loss	-0.00157
value_loss	625

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1945
time_elapsed	8264
total_timesteps	995840
train/	
approx_kl	0.0010807004
clip_fraction	0.00371
clip_range	0.2
entropy_loss	-0.219
explained_variance	0.477
learning_rate	1e-06
loss	47.6
n_updates	19440
policy_gradient_loss	0.000122
value_loss	223

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1946
time_elapsed	8268
total_timesteps	996352
train/	
approx_kl	0.001091476
clip_fraction	0.000977
clip_range	0.2
entropy_loss	-0.454
explained_variance	0.978
learning_rate	1e-06
loss	34.3
n_updates	19450
policy_gradient_loss	-0.000951
value_loss	86.5

rollout/	
ep_len_mean	1.18e+03
ep_rew_mean	1.99e+03
time/	
fps	120
iterations	1947
time_elapsed	8273
total_timesteps	996864
train/	
approx_kl	0.0012640813
clip_fraction	0.00605
clip_range	0.2
entropy_loss	-0.221
explained_variance	0.892
learning_rate	1e-06
loss	46.3
n_updates	19460
policy_gradient_loss	-0.00372
value_loss	165

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120

iterations	1948
time_elapsed	8277
total_timesteps	997376
train/	
approx_kl	0.00015526684
clip_fraction	0.000391
clip_range	0.2
entropy_loss	-0.249
explained_variance	0.863
learning_rate	1e-06
loss	82.9
n_updates	19470
policy_gradient_loss	-0.000649
value_loss	216

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1949
time_elapsed	8281
total_timesteps	997888
train/	
approx_kl	0.0011523509
clip_fraction	0.0215
clip_range	0.2
entropy_loss	-0.287
explained_variance	0.748
learning_rate	1e-06
loss	376
n_updates	19480
policy_gradient_loss	0.00149
value_loss	752

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1950
time_elapsed	8285
total_timesteps	998400
train/	
approx_kl	0.0004046259
clip_fraction	0.00156
clip_range	0.2
entropy_loss	-0.319
explained_variance	0.84
learning_rate	1e-06
loss	82.3
n_updates	19490
policy_gradient_loss	-0.000781
value_loss	247

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2e+03
time/	
fps	120
iterations	1951
time_elapsed	8289
total_timesteps	998912
train/	
approx_kl	8.407945e-05
clip_fraction	0
clip_range	0.2
entropy_loss	-0.269
explained_variance	0.765
learning_rate	1e-06
loss	74.4
n_updates	19500
policy_gradient_loss	-0.00028
value_loss	157

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.01e+03
time/	

fps	120
iterations	1952
time_elapsed	8294
total_timesteps	999424
train/	
approx_kl	0.00028378866
clip_fraction	0.00176
clip_range	0.2
entropy_loss	-0.358
explained_variance	0.881
learning_rate	1e-06
loss	73.3
n_updates	19510
policy_gradient_loss	-0.00139
value_loss	160

rollout/	
ep_len_mean	1.19e+03
ep_rew_mean	2.01e+03
time/	
fps	120
iterations	1953
time_elapsed	8298
total_timesteps	999936
train/	
approx_kl	0.0030658129
clip_fraction	0.0275
clip_range	0.2
entropy_loss	-0.453
explained_variance	0.939
learning_rate	1e-06
loss	20.5
n_updates	19520
policy_gradient_loss	-0.00816
value_loss	127

rollout/	
ep_len_mean	1.2e+03
ep_rew_mean	2.03e+03
time/	
fps	120
iterations	1954
time_elapsed	8303
total_timesteps	1000448
train/	
approx_kl	0.00012370851
clip_fraction	0
clip_range	0.2
entropy_loss	-0.227
explained_variance	0.879
learning_rate	1e-06
loss	62.6
n_updates	19530
policy_gradient_loss	-0.000607
value_loss	108

Out[13]: <stable_baselines3.ppo.ppo.PPO at 0x298ab5c65e0>

In [14]: `model.save('PP0Testmodel')`

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\ipkernel.py:287: DeprecationWarning: `should_run_async` will not call `transform_cell` automatically in the future. Please pass the result to `transformed_cell` argument and any exception that happen during thetransform in `preprocessing_exc_tuple` in IPython 7.17 and above.
and should_run_async(code)

Testing and Loading the Model

In [15]: `# Loading the model`
`model = PPO.load('./training/best_model_1000000')`

In []:

