# Run baseline policies

## Fashion-mnist

bash examples/ddqn/run\_evaluation.sh fashion-mnist . checkpoints/simple\_baselines/fashion\_random random miccai 1 50 6 none 0 32

bash examples/ddqn/run\_evaluation.sh fashion-mnist . checkpoints/simple\_baselines/fashion\_random\_noise random miccai 1 50 6 gaussian 0.002 32

bash examples/ddqn/run\_evaluation.sh fashion-mnist . checkpoints/simple\_baselines/fashion\_oracle oracle miccai 1 50 6 none 0 32

bash examples/ddqn/run\_evaluation.sh fashion-mnist . checkpoints/simple\_baselines/fashion\_oracle\_noise oracle miccai 1 50 6 gaussian 0.002 32

## DICOM-knee

bash examples/ddqn/run\_evaluation.sh dicom-knee . checkpoints/simple\_baselines/dicom\_random random miccai 1 2000 28 none 0 128

bash examples/ddqn/run\_evaluation.sh dicom-knee . checkpoints/simple\_baselines/dicom\_random\_noise random miccai 1 2000 28 gaussian 5e-5 128

bash examples/ddqn/run\_evaluation.sh dicom-knee . checkpoints/simple\_baselines/dicom\_oracle oracle miccai 1 2000 28 none 0 128

bash examples/ddqn/run\_evaluation.sh dicom-knee . checkpoints/simple\_baselines/dicom\_oracle\_noise oracle miccai 1 2000 28 gaussian 5e-5 128

# Train DDQN

## Fashion-mnist

bash examples/ddqn/train\_ddqn.sh fashion-mnist checkpoints/ddqn/fashion 1 ss-ddqn none 0 miccai

bash examples/ddqn/train\_ddqn.sh fashion-mnist checkpoints/ddqn/fashion\_noise 1 ss-ddqn gaussian 0.002 miccai

## DICOM-knee

bash examples/ddqn/train\_ddqn.sh dicom-knee checkpoints/ddqn/dicom 1 ss-ddqn none 0 miccai

bash examples/ddqn/train\_ddqn.sh dicom-knee checkpoints/ddqn/dicom\_noise 1 ss-ddqn gaussian 0.002 miccai

# Test DDQN

## Fashion-mnist

bash examples/ddqn/test\_ddqn.sh fashion-mnist checkpoints/ddqn/fashion 1 none 0 miccai

bash examples/ddqn/test\_ddqn.sh fashion-mnist checkpoints/ddqn/fashion\_noise 1 gaussian 0.002 miccai

## DICOM-knee

bash examples/ddqn/test\_ddqn.sh dicom-knee checkpoints/ddqn/dicom 1 none 0 miccai

bash examples/ddqn/test\_ddqn.sh dicom-knee checkpoints/ddqn/dicom\_noise 1 gaussian 0.002 miccai

# Run Policy Gradient

## Fashion-mnist

bash examples/policy\_gradient/train\_policy\_gradient.sh fashion-mnist none 0

bash examples/policy\_gradient/train\_policy\_gradient.sh fashion-mnist gaussian 0.002

## DICOM-knee

bash examples/policy\_gradient/train\_policy\_gradient.sh dicom-knee none 0

bash examples/policy\_gradient/train\_policy\_gradient.sh dicom-knee gaussian 0.002

# Run Sequential Model

## Fashion-mnist

bash examples/sequential/train\_sequential.sh 0 1 1 2 1 ssim fashion-mnist 4

bash examples/sequential/test\_sequential.sh 0 1 1 2 1 ssim checkpoints/[to-be-tested] fashion-mnist 4