F1-T1

Swim-transformer

[train epoch 0] loss: 0.717, acc: 0.543: 100%|██████████| 46/46 [00:22<00:00, 2.02it/s]

[valid epoch 0] loss: 0.686, acc: 0.511: 100%|██████████| 12/12 [00:04<00:00, 2.81it/s]

[train epoch 1] loss: 0.666, acc: 0.598: 100%|██████████| 46/46 [00:17<00:00, 2.70it/s]

[valid epoch 1] loss: 0.645, acc: 0.750: 100%|██████████| 12/12 [00:03<00:00, 3.83it/s]

[train epoch 2] loss: 0.704, acc: 0.565: 100%|██████████| 46/46 [00:17<00:00, 2.67it/s]

[valid epoch 2] loss: 0.596, acc: 0.761: 100%|██████████| 12/12 [00:03<00:00, 3.89it/s]

[train epoch 3] loss: 0.680, acc: 0.633: 100%|██████████| 46/46 [00:17<00:00, 2.69it/s]

[valid epoch 3] loss: 0.671, acc: 0.533: 100%|██████████| 12/12 [00:03<00:00, 3.80it/s]

[train epoch 4] loss: 0.623, acc: 0.622: 100%|██████████| 46/46 [00:17<00:00, 2.68it/s]

[valid epoch 4] loss: 0.423, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.87it/s]

[train epoch 5] loss: 0.531, acc: 0.739: 100%|██████████| 46/46 [00:17<00:00, 2.69it/s]

[valid epoch 5] loss: 0.413, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.77it/s]

[train epoch 6] loss: 0.659, acc: 0.625: 100%|██████████| 46/46 [00:16<00:00, 2.71it/s]

[valid epoch 6] loss: 0.518, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.76it/s]

[train epoch 7] loss: 0.555, acc: 0.736: 100%|██████████| 46/46 [00:16<00:00, 2.71it/s]

[valid epoch 7] loss: 0.359, acc: 0.913: 100%|██████████| 12/12 [00:03<00:00, 3.76it/s]

[train epoch 8] loss: 0.467, acc: 0.804: 100%|██████████| 46/46 [00:17<00:00, 2.69it/s]

[valid epoch 8] loss: 0.348, acc: 0.826: 100%|██████████| 12/12 [00:03<00:00, 3.66it/s]

[train epoch 9] loss: 0.358, acc: 0.867: 100%|██████████| 46/46 [00:16<00:00, 2.72it/s]

[valid epoch 9] loss: 0.256, acc: 0.913: 100%|██████████| 12/12 [00:03<00:00, 3.69it/s]

Eifficientnet

[epoch 0] mean loss 0.668: 100%|██████████| 23/23 [00:21<00:00, 1.07it/s]

100%|██████████| 6/6 [00:04<00:00, 1.42it/s]

[epoch 0] accuracy: 0.685

[epoch 1] mean loss 0.558: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:02<00:00, 2.02it/s]

[epoch 1] accuracy: 0.576

[epoch 2] mean loss 0.539: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:02<00:00, 2.02it/s]

[epoch 2] accuracy: 0.609

[epoch 3] mean loss 0.453: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 3] accuracy: 0.826

[epoch 4] mean loss 0.395: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 4] accuracy: 0.511

[epoch 5] mean loss 0.328: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 5] accuracy: 0.543

[epoch 6] mean loss 0.38: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 6] accuracy: 0.674

[epoch 7] mean loss 0.289: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 7] accuracy: 0.815

[epoch 8] mean loss 0.341: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 8] accuracy: 0.837

[epoch 9] mean loss 0.246: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 9] accuracy: 0.924

[epoch 10] mean loss 0.275: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 10] accuracy: 0.924

[epoch 11] mean loss 0.23: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 11] accuracy: 0.946

[epoch 12] mean loss 0.241: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 12] accuracy: 0.913

[epoch 13] mean loss 0.195: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 13] accuracy: 0.891

[epoch 14] mean loss 0.17: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 14] accuracy: 0.859

[epoch 15] mean loss 0.157: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 15] accuracy: 0.957

[epoch 16] mean loss 0.129: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 16] accuracy: 0.946

[epoch 17] mean loss 0.121: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 17] accuracy: 0.924

[epoch 18] mean loss 0.164: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 18] accuracy: 0.924

[epoch 19] mean loss 0.137: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 19] accuracy: 0.946

[epoch 20] mean loss 0.125: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 20] accuracy: 0.946

[epoch 21] mean loss 0.132: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 21] accuracy: 0.913

[epoch 22] mean loss 0.139: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 22] accuracy: 0.946

[epoch 23] mean loss 0.131: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 23] accuracy: 0.957

[epoch 24] mean loss 0.128: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 24] accuracy: 0.946

[epoch 25] mean loss 0.131: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 25] accuracy: 0.946

[epoch 26] mean loss 0.105: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 26] accuracy: 0.957

[epoch 27] mean loss 0.148: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.87it/s]

[epoch 27] accuracy: 0.957

[epoch 28] mean loss 0.149: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 28] accuracy: 0.957

[epoch 29] mean loss 0.139: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.88it/s]

[epoch 29] accuracy: 0.957

E-v2

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.classifier.weight', 'head.classifier.bias'], unexpected\_keys=[])

training head.project\_conv.conv.weight

training head.project\_conv.bn.weight

training head.project\_conv.bn.bias

training head.classifier.weight

training head.classifier.bias

[train epoch 0] loss: 1.330, acc: 0.505: 100%|██████████| 46/46 [00:19<00:00, 2.31it/s]

[valid epoch 0] loss: 1.913, acc: 0.576: 100%|██████████| 12/12 [00:03<00:00, 3.19it/s]

[train epoch 1] loss: 1.856, acc: 0.565: 100%|██████████| 46/46 [00:19<00:00, 2.41it/s]

[valid epoch 1] loss: 3.213, acc: 0.543: 100%|██████████| 12/12 [00:03<00:00, 3.22it/s]

[train epoch 2] loss: 2.447, acc: 0.573: 100%|██████████| 46/46 [00:18<00:00, 2.53it/s]

[valid epoch 2] loss: 1.161, acc: 0.707: 100%|██████████| 12/12 [00:03<00:00, 3.38it/s]

[train epoch 3] loss: 2.304, acc: 0.606: 100%|██████████| 46/46 [00:17<00:00, 2.56it/s]

[valid epoch 3] loss: 0.799, acc: 0.761: 100%|██████████| 12/12 [00:03<00:00, 3.39it/s]

[train epoch 4] loss: 2.439, acc: 0.617: 100%|██████████| 46/46 [00:17<00:00, 2.59it/s]

[valid epoch 4] loss: 2.580, acc: 0.641: 100%|██████████| 12/12 [00:03<00:00, 3.43it/s]

[train epoch 5] loss: 3.199, acc: 0.571: 100%|██████████| 46/46 [00:17<00:00, 2.61it/s]

[valid epoch 5] loss: 2.556, acc: 0.696: 100%|██████████| 12/12 [00:03<00:00, 3.41it/s]

[train epoch 6] loss: 2.119, acc: 0.655: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 6] loss: 1.339, acc: 0.674: 100%|██████████| 12/12 [00:03<00:00, 3.39it/s]

[train epoch 7] loss: 1.782, acc: 0.660: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 7] loss: 0.489, acc: 0.837: 100%|██████████| 12/12 [00:03<00:00, 3.38it/s]

[train epoch 8] loss: 1.647, acc: 0.652: 100%|██████████| 46/46 [00:17<00:00, 2.63it/s]

[valid epoch 8] loss: 1.521, acc: 0.674: 100%|██████████| 12/12 [00:03<00:00, 3.30it/s]

[train epoch 9] loss: 1.403, acc: 0.668: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 9] loss: 1.249, acc: 0.707: 100%|██████████| 12/12 [00:03<00:00, 3.38it/s]

[train epoch 10] loss: 1.245, acc: 0.720: 100%|██████████| 46/46 [00:17<00:00, 2.61it/s]

[valid epoch 10] loss: 1.080, acc: 0.750: 100%|██████████| 12/12 [00:03<00:00, 3.32it/s]

[train epoch 11] loss: 1.411, acc: 0.688: 100%|██████████| 46/46 [00:17<00:00, 2.60it/s]

[valid epoch 11] loss: 1.267, acc: 0.707: 100%|██████████| 12/12 [00:03<00:00, 3.27it/s]

[train epoch 12] loss: 1.201, acc: 0.666: 100%|██████████| 46/46 [00:17<00:00, 2.61it/s]

[valid epoch 12] loss: 1.647, acc: 0.609: 100%|██████████| 12/12 [00:03<00:00, 3.28it/s]

[train epoch 13] loss: 1.054, acc: 0.715: 100%|██████████| 46/46 [00:17<00:00, 2.60it/s]

[valid epoch 13] loss: 1.474, acc: 0.652: 100%|██████████| 12/12 [00:03<00:00, 3.32it/s]

[train epoch 14] loss: 1.404, acc: 0.688: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 14] loss: 0.605, acc: 0.804: 100%|██████████| 12/12 [00:03<00:00, 3.31it/s]

[train epoch 15] loss: 1.050, acc: 0.734: 100%|██████████| 46/46 [00:17<00:00, 2.65it/s]

[valid epoch 15] loss: 2.439, acc: 0.533: 100%|██████████| 12/12 [00:03<00:00, 3.21it/s]

[train epoch 16] loss: 1.049, acc: 0.745: 100%|██████████| 46/46 [00:17<00:00, 2.59it/s]

[valid epoch 16] loss: 2.649, acc: 0.533: 100%|██████████| 12/12 [00:03<00:00, 3.29it/s]

[train epoch 17] loss: 1.002, acc: 0.707: 100%|██████████| 46/46 [00:17<00:00, 2.56it/s]

[valid epoch 17] loss: 1.234, acc: 0.685: 100%|██████████| 12/12 [00:03<00:00, 3.23it/s]

[train epoch 18] loss: 0.723, acc: 0.753: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 18] loss: 0.875, acc: 0.761: 100%|██████████| 12/12 [00:03<00:00, 3.25it/s]

[train epoch 19] loss: 0.792, acc: 0.742: 100%|██████████| 46/46 [00:17<00:00, 2.59it/s]

[valid epoch 19] loss: 0.654, acc: 0.750: 100%|██████████| 12/12 [00:03<00:00, 3.18it/s]

[train epoch 20] loss: 0.667, acc: 0.769: 100%|██████████| 46/46 [00:17<00:00, 2.63it/s]

[valid epoch 20] loss: 1.008, acc: 0.717: 100%|██████████| 12/12 [00:03<00:00, 3.22it/s]

[train epoch 21] loss: 0.660, acc: 0.764: 100%|██████████| 46/46 [00:17<00:00, 2.64it/s]

[valid epoch 21] loss: 1.128, acc: 0.696: 100%|██████████| 12/12 [00:03<00:00, 3.22it/s]

[train epoch 22] loss: 0.655, acc: 0.742: 100%|██████████| 46/46 [00:17<00:00, 2.61it/s]

[valid epoch 22] loss: 0.825, acc: 0.728: 100%|██████████| 12/12 [00:03<00:00, 3.23it/s]

[train epoch 23] loss: 0.646, acc: 0.774: 100%|██████████| 46/46 [00:17<00:00, 2.59it/s]

[valid epoch 23] loss: 0.804, acc: 0.739: 100%|██████████| 12/12 [00:03<00:00, 3.21it/s]

[train epoch 24] loss: 0.590, acc: 0.774: 100%|██████████| 46/46 [00:17<00:00, 2.60it/s]

[valid epoch 24] loss: 0.812, acc: 0.739: 100%|██████████| 12/12 [00:03<00:00, 3.24it/s]

[train epoch 25] loss: 0.662, acc: 0.769: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 25] loss: 0.932, acc: 0.707: 100%|██████████| 12/12 [00:03<00:00, 3.17it/s]

[train epoch 26] loss: 0.709, acc: 0.728: 100%|██████████| 46/46 [00:17<00:00, 2.62it/s]

[valid epoch 26] loss: 0.583, acc: 0.783: 100%|██████████| 12/12 [00:04<00:00, 2.64it/s]

[train epoch 27] loss: 0.592, acc: 0.769: 100%|██████████| 46/46 [00:17<00:00, 2.57it/s]

[valid epoch 27] loss: 0.595, acc: 0.804: 100%|██████████| 12/12 [00:05<00:00, 2.38it/s]

[train epoch 28] loss: 0.661, acc: 0.726: 100%|██████████| 46/46 [00:17<00:00, 2.58it/s]

[valid epoch 28] loss: 0.751, acc: 0.739: 100%|██████████| 12/12 [00:05<00:00, 2.38it/s]

[train epoch 29] loss: 0.546, acc: 0.761: 100%|██████████| 46/46 [00:18<00:00, 2.52it/s]

[valid epoch 29] loss: 0.665, acc: 0.793: 100%|██████████| 12/12 [00:04<00:00, 2.42it/s]

Dsnet

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

successfully load pretrain-weights.

[epoch 0] mean loss 0.702: 100%|██████████| 23/23 [00:21<00:00, 1.06it/s]

100%|██████████| 6/6 [00:03<00:00, 1.75it/s]

[epoch 0] accuracy: 0.609

[epoch 1] mean loss 0.614: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.90it/s]

[epoch 1] accuracy: 0.793

[epoch 2] mean loss 0.519: 100%|██████████| 23/23 [00:17<00:00, 1.31it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 2] accuracy: 0.815

[epoch 3] mean loss 0.385: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 3] accuracy: 0.728

[epoch 4] mean loss 0.366: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 4] accuracy: 0.891

[epoch 5] mean loss 0.314: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 5] accuracy: 0.837

[epoch 6] mean loss 0.263: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 6] accuracy: 0.533

[epoch 7] mean loss 0.297: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 7] accuracy: 0.772

[epoch 8] mean loss 0.292: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 8] accuracy: 0.848

[epoch 9] mean loss 0.312: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 9] accuracy: 0.815

[epoch 10] mean loss 0.254: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.81it/s]

[epoch 10] accuracy: 0.783

[epoch 11] mean loss 0.241: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.62it/s]

[epoch 11] accuracy: 0.935

[epoch 12] mean loss 0.252: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.73it/s]

[epoch 12] accuracy: 0.804

[epoch 13] mean loss 0.196: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.57it/s]

[epoch 13] accuracy: 0.924

[epoch 14] mean loss 0.178: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.72it/s]

[epoch 14] accuracy: 0.946

[epoch 15] mean loss 0.184: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.73it/s]

[epoch 15] accuracy: 0.946

[epoch 16] mean loss 0.206: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.67it/s]

[epoch 16] accuracy: 0.935

[epoch 17] mean loss 0.129: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.64it/s]

[epoch 17] accuracy: 0.935

[epoch 18] mean loss 0.146: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.72it/s]

[epoch 18] accuracy: 0.935

[epoch 19] mean loss 0.131: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.67it/s]

[epoch 19] accuracy: 0.891

[epoch 20] mean loss 0.176: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.69it/s]

[epoch 20] accuracy: 0.935

[epoch 21] mean loss 0.138: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.62it/s]

[epoch 21] accuracy: 0.88

[epoch 22] mean loss 0.126: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 22] accuracy: 0.957

[epoch 23] mean loss 0.175: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.69it/s]

[epoch 23] accuracy: 0.967

[epoch 24] mean loss 0.143: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.65it/s]

[epoch 24] accuracy: 0.957

[epoch 25] mean loss 0.118: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.64it/s]

[epoch 25] accuracy: 0.957

[epoch 26] mean loss 0.121: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.65it/s]

[epoch 26] accuracy: 0.967

[epoch 27] mean loss 0.137: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.67it/s]

[epoch 27] accuracy: 0.967

[epoch 28] mean loss 0.121: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.66it/s]

[epoch 28] accuracy: 0.967

[epoch 29] mean loss 0.108: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.67it/s]

[epoch 29] accuracy: 0.957

Rg

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.fc.weight', 'head.fc.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.71: 100%|██████████| 23/23 [00:19<00:00, 1.21it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 0] accuracy: 0.511

[epoch 1] mean loss 0.661: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 1] accuracy: 0.511

[epoch 2] mean loss 0.634: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 2] accuracy: 0.717

[epoch 3] mean loss 0.583: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 3] accuracy: 0.728

[epoch 4] mean loss 0.56: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 4] accuracy: 0.783

[epoch 5] mean loss 0.497: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:02<00:00, 2.02it/s]

[epoch 5] accuracy: 0.815

[epoch 6] mean loss 0.465: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 6] accuracy: 0.848

[epoch 7] mean loss 0.452: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 7] accuracy: 0.793

[epoch 8] mean loss 0.393: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 8] accuracy: 0.837

[epoch 9] mean loss 0.372: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 9] accuracy: 0.826

[epoch 10] mean loss 0.35: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 10] accuracy: 0.761

[epoch 11] mean loss 0.35: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 11] accuracy: 0.87

[epoch 12] mean loss 0.35: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.77it/s]

[epoch 12] accuracy: 0.913

[epoch 13] mean loss 0.35: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.62it/s]

[epoch 13] accuracy: 0.891

[epoch 14] mean loss 0.334: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.82it/s]

[epoch 14] accuracy: 0.902

[epoch 15] mean loss 0.305: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:03<00:00, 1.73it/s]

[epoch 15] accuracy: 0.891

[epoch 16] mean loss 0.317: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:03<00:00, 1.77it/s]

[epoch 16] accuracy: 0.935

[epoch 17] mean loss 0.219: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:03<00:00, 1.51it/s]

[epoch 17] accuracy: 0.848

[epoch 18] mean loss 0.288: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:04<00:00, 1.31it/s]

[epoch 18] accuracy: 0.837

[epoch 19] mean loss 0.23: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 19] accuracy: 0.848

[epoch 20] mean loss 0.251: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 20] accuracy: 0.924

[epoch 21] mean loss 0.321: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:04<00:00, 1.33it/s]

[epoch 21] accuracy: 0.88

[epoch 22] mean loss 0.298: 100%|██████████| 23/23 [00:16<00:00, 1.37it/s]

100%|██████████| 6/6 [00:04<00:00, 1.31it/s]

[epoch 22] accuracy: 0.924

[epoch 23] mean loss 0.284: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:04<00:00, 1.33it/s]

[epoch 23] accuracy: 0.87

[epoch 24] mean loss 0.281: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:04<00:00, 1.24it/s]

[epoch 24] accuracy: 0.902

[epoch 25] mean loss 0.282: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:04<00:00, 1.40it/s]

[epoch 25] accuracy: 0.891

[epoch 26] mean loss 0.266: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:03<00:00, 1.57it/s]

[epoch 26] accuracy: 0.913

[epoch 27] mean loss 0.27: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:04<00:00, 1.31it/s]

[epoch 27] accuracy: 0.891

[epoch 28] mean loss 0.298: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:04<00:00, 1.34it/s]

[epoch 28] accuracy: 0.902

[epoch 29] mean loss 0.222: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:04<00:00, 1.36it/s]

[epoch 29] accuracy: 0.891

Sfnet

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['fc.weight', 'fc.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.695: 100%|██████████| 23/23 [00:17<00:00, 1.28it/s]

100%|██████████| 6/6 [00:03<00:00, 1.82it/s]

[epoch 0] accuracy: 0.533

[epoch 1] mean loss 0.695: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 1] accuracy: 0.5

[epoch 2] mean loss 0.691: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 2] accuracy: 0.598

[epoch 3] mean loss 0.692: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 3] accuracy: 0.5

[epoch 4] mean loss 0.691: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 4] accuracy: 0.5

[epoch 5] mean loss 0.686: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 5] accuracy: 0.707

[epoch 6] mean loss 0.682: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 6] accuracy: 0.739

[epoch 7] mean loss 0.679: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 7] accuracy: 0.554

[epoch 8] mean loss 0.676: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 8] accuracy: 0.815

[epoch 9] mean loss 0.671: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 9] accuracy: 0.717

[epoch 10] mean loss 0.668: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.75it/s]

[epoch 10] accuracy: 0.804

[epoch 11] mean loss 0.656: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.75it/s]

[epoch 11] accuracy: 0.815

[epoch 12] mean loss 0.647: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 12] accuracy: 0.761

[epoch 13] mean loss 0.637: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 13] accuracy: 0.522

[epoch 14] mean loss 0.613: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.71it/s]

[epoch 14] accuracy: 0.728

[epoch 15] mean loss 0.591: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.69it/s]

[epoch 15] accuracy: 0.652

[epoch 16] mean loss 0.574: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 16] accuracy: 0.5

[epoch 17] mean loss 0.558: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.69it/s]

[epoch 17] accuracy: 0.717

[epoch 18] mean loss 0.525: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.63it/s]

[epoch 18] accuracy: 0.5

[epoch 19] mean loss 0.514: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.76it/s]

[epoch 19] accuracy: 0.707

[epoch 20] mean loss 0.515: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.65it/s]

[epoch 20] accuracy: 0.598

[epoch 21] mean loss 0.49: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.75it/s]

[epoch 21] accuracy: 0.62

[epoch 22] mean loss 0.486: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 22] accuracy: 0.837

[epoch 23] mean loss 0.466: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 23] accuracy: 0.641

[epoch 24] mean loss 0.45: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.73it/s]

[epoch 24] accuracy: 0.554

[epoch 25] mean loss 0.475: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.76it/s]

[epoch 25] accuracy: 0.87

[epoch 26] mean loss 0.429: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.68it/s]

[epoch 26] accuracy: 0.783

[epoch 27] mean loss 0.428: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.77it/s]

[epoch 27] accuracy: 0.543

[epoch 28] mean loss 0.425: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.74it/s]

[epoch 28] accuracy: 0.533

[epoch 29] mean loss 0.421: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.73it/s]

[epoch 29] accuracy: 0.5

Resnet34

train epoch[1/10] loss:0.510: 100%|██████████| 26/26 [00:25<00:00, 1.01it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.07s/it]

[epoch 1] train\_loss: 0.857 val\_accuracy: 0.630

train epoch[2/10] loss:0.851: 100%|██████████| 26/26 [00:12<00:00, 2.06it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:03<00:00, 1.05s/it]

[epoch 2] train\_loss: 0.567 val\_accuracy: 0.717

train epoch[3/10] loss:0.444: 100%|██████████| 26/26 [00:12<00:00, 2.10it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:03<00:00, 1.04s/it]

[epoch 3] train\_loss: 0.453 val\_accuracy: 0.848

train epoch[4/10] loss:0.618: 100%|██████████| 26/26 [00:12<00:00, 2.01it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:03<00:00, 1.04s/it]

[epoch 4] train\_loss: 0.338 val\_accuracy: 0.891

train epoch[5/10] loss:0.187: 100%|██████████| 26/26 [00:12<00:00, 2.06it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:03<00:00, 1.03s/it]

[epoch 5] train\_loss: 0.321 val\_accuracy: 0.913

train epoch[6/10] loss:0.330: 100%|██████████| 26/26 [00:12<00:00, 2.05it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 6] train\_loss: 0.291 val\_accuracy: 0.848

train epoch[7/10] loss:0.045: 100%|██████████| 26/26 [00:12<00:00, 2.06it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:03<00:00, 1.05s/it]

[epoch 7] train\_loss: 0.238 val\_accuracy: 0.913

train epoch[8/10] loss:0.317: 100%|██████████| 26/26 [00:12<00:00, 2.05it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:03<00:00, 1.04s/it]

[epoch 8] train\_loss: 0.259 val\_accuracy: 0.870

train epoch[9/10] loss:0.669: 100%|██████████| 26/26 [00:12<00:00, 2.04it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:03<00:00, 1.04s/it]

[epoch 9] train\_loss: 0.315 val\_accuracy: 0.891

train epoch[10/10] loss:0.187: 100%|██████████| 26/26 [00:12<00:00, 2.03it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:03<00:00, 1.05s/it]

[epoch 10] train\_loss: 0.195 val\_accuracy: 0.935

Finished Training

Process finished with exit code 0

Resnet50

train epoch[1/10] loss:0.531: 100%|██████████| 26/26 [00:17<00:00, 1.45it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:04<00:00, 1.37s/it]

[epoch 1] train\_loss: 0.948 val\_accuracy: 0.826

train epoch[2/10] loss:0.426: 100%|██████████| 26/26 [00:14<00:00, 1.85it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:03<00:00, 1.05s/it]

[epoch 2] train\_loss: 0.429 val\_accuracy: 0.696

train epoch[3/10] loss:0.200: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 3] train\_loss: 0.379 val\_accuracy: 0.891

train epoch[4/10] loss:0.472: 100%|██████████| 26/26 [00:13<00:00, 1.87it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:03<00:00, 1.05s/it]

[epoch 4] train\_loss: 0.285 val\_accuracy: 0.717

train epoch[5/10] loss:0.208: 100%|██████████| 26/26 [00:13<00:00, 1.93it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 5] train\_loss: 0.357 val\_accuracy: 0.935

train epoch[6/10] loss:0.243: 100%|██████████| 26/26 [00:13<00:00, 1.91it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 6] train\_loss: 0.331 val\_accuracy: 0.957

train epoch[7/10] loss:0.802: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 7] train\_loss: 0.228 val\_accuracy: 0.935

train epoch[8/10] loss:0.286: 100%|██████████| 26/26 [00:15<00:00, 1.64it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:03<00:00, 1.18s/it]

[epoch 8] train\_loss: 0.274 val\_accuracy: 0.870

train epoch[9/10] loss:0.334: 100%|██████████| 26/26 [00:17<00:00, 1.52it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 9] train\_loss: 0.200 val\_accuracy: 0.957

train epoch[10/10] loss:0.554: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.02it/s]

[epoch 10] train\_loss: 0.185 val\_accuracy: 0.935

Finished Training

Process finished with exit code 0

Resnet101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.426: 100%|██████████| 26/26 [00:20<00:00, 1.27it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.08s/it]

[epoch 1] train\_loss: 0.829 val\_accuracy: 0.826

train epoch[2/10] loss:0.638: 100%|██████████| 26/26 [00:14<00:00, 1.74it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:03<00:00, 1.08s/it]

[epoch 2] train\_loss: 0.433 val\_accuracy: 0.717

train epoch[3/10] loss:0.301: 100%|██████████| 26/26 [00:15<00:00, 1.72it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:03<00:00, 1.09s/it]

[epoch 3] train\_loss: 0.407 val\_accuracy: 0.913

train epoch[4/10] loss:0.144: 100%|██████████| 26/26 [00:14<00:00, 1.76it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:03<00:00, 1.07s/it]

[epoch 4] train\_loss: 0.348 val\_accuracy: 0.717

train epoch[5/10] loss:0.180: 100%|██████████| 26/26 [00:15<00:00, 1.67it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 5] train\_loss: 0.350 val\_accuracy: 0.826

train epoch[6/10] loss:0.409: 100%|██████████| 26/26 [00:14<00:00, 1.73it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:03<00:00, 1.17s/it]

[epoch 6] train\_loss: 0.343 val\_accuracy: 0.935

train epoch[7/10] loss:0.178: 100%|██████████| 26/26 [00:16<00:00, 1.54it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 7] train\_loss: 0.219 val\_accuracy: 0.870

train epoch[8/10] loss:0.233: 100%|██████████| 26/26 [00:16<00:00, 1.54it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 8] train\_loss: 0.221 val\_accuracy: 0.717

train epoch[9/10] loss:0.965: 100%|██████████| 26/26 [00:17<00:00, 1.49it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 9] train\_loss: 0.240 val\_accuracy: 0.978

train epoch[10/10] loss:0.152: 100%|██████████| 26/26 [00:17<00:00, 1.51it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:03<00:00, 1.19s/it]

[epoch 10] train\_loss: 0.245 val\_accuracy: 0.913

Finished Training

Process finished with exit code 0

Mobilenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test6\_mobilenet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/15] loss:0.732: 100%|██████████| 26/26 [00:19<00:00, 1.36it/s]

valid epoch[1/15]: 100%|██████████| 3/3 [00:03<00:00, 1.21s/it]

[epoch 1] train\_loss: 0.702 val\_accuracy: 0.457

train epoch[2/15] loss:0.665: 100%|██████████| 26/26 [00:13<00:00, 1.96it/s]

valid epoch[2/15]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 2] train\_loss: 0.684 val\_accuracy: 0.543

train epoch[3/15] loss:0.663: 100%|██████████| 26/26 [00:13<00:00, 1.96it/s]

valid epoch[3/15]: 100%|██████████| 3/3 [00:03<00:00, 1.14s/it]

[epoch 3] train\_loss: 0.679 val\_accuracy: 0.630

train epoch[4/15] loss:0.696: 100%|██████████| 26/26 [00:13<00:00, 1.95it/s]

valid epoch[4/15]: 100%|██████████| 3/3 [00:03<00:00, 1.18s/it]

[epoch 4] train\_loss: 0.677 val\_accuracy: 0.652

train epoch[5/15] loss:0.669: 100%|██████████| 26/26 [00:13<00:00, 1.95it/s]

valid epoch[5/15]: 100%|██████████| 3/3 [00:03<00:00, 1.17s/it]

[epoch 5] train\_loss: 0.674 val\_accuracy: 0.674

train epoch[6/15] loss:0.702: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[6/15]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 6] train\_loss: 0.660 val\_accuracy: 0.739

train epoch[7/15] loss:0.695: 100%|██████████| 26/26 [00:14<00:00, 1.85it/s]

valid epoch[7/15]: 100%|██████████| 3/3 [00:03<00:00, 1.17s/it]

[epoch 7] train\_loss: 0.653 val\_accuracy: 0.717

train epoch[8/15] loss:0.674: 100%|██████████| 26/26 [00:13<00:00, 1.96it/s]

valid epoch[8/15]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 8] train\_loss: 0.623 val\_accuracy: 0.717

train epoch[9/15] loss:0.689: 100%|██████████| 26/26 [00:13<00:00, 1.96it/s]

valid epoch[9/15]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 9] train\_loss: 0.644 val\_accuracy: 0.696

train epoch[10/15] loss:0.649: 100%|██████████| 26/26 [00:13<00:00, 1.95it/s]

valid epoch[10/15]: 100%|██████████| 3/3 [00:03<00:00, 1.16s/it]

[epoch 10] train\_loss: 0.634 val\_accuracy: 0.696

train epoch[11/15] loss:0.591: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[11/15]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 11] train\_loss: 0.639 val\_accuracy: 0.783

train epoch[12/15] loss:0.689: 100%|██████████| 26/26 [00:13<00:00, 1.96it/s]

valid epoch[12/15]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 12] train\_loss: 0.649 val\_accuracy: 0.783

train epoch[13/15] loss:0.563: 100%|██████████| 26/26 [00:13<00:00, 1.94it/s]

valid epoch[13/15]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 13] train\_loss: 0.620 val\_accuracy: 0.783

train epoch[14/15] loss:0.575: 100%|██████████| 26/26 [00:13<00:00, 1.98it/s]

valid epoch[14/15]: 100%|██████████| 3/3 [00:03<00:00, 1.14s/it]

[epoch 14] train\_loss: 0.615 val\_accuracy: 0.804

train epoch[15/15] loss:0.711: 100%|██████████| 26/26 [00:13<00:00, 1.98it/s]

valid epoch[15/15]: 100%|██████████| 3/3 [00:03<00:00, 1.14s/it]

[epoch 15] train\_loss: 0.634 val\_accuracy: 0.761

Finished Training

Process finished with exit code 0

Resnetx50

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.585: 100%|██████████| 26/26 [00:20<00:00, 1.28it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.07s/it]

[epoch 1] train\_loss: 0.820 val\_accuracy: 0.848

train epoch[2/10] loss:0.409: 100%|██████████| 26/26 [00:13<00:00, 1.87it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:03<00:00, 1.11s/it]

[epoch 2] train\_loss: 0.369 val\_accuracy: 0.935

train epoch[3/10] loss:0.322: 100%|██████████| 26/26 [00:14<00:00, 1.74it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:03<00:00, 1.13s/it]

[epoch 3] train\_loss: 0.342 val\_accuracy: 0.826

train epoch[4/10] loss:0.141: 100%|██████████| 26/26 [00:14<00:00, 1.77it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:03<00:00, 1.12s/it]

[epoch 4] train\_loss: 0.401 val\_accuracy: 0.870

train epoch[5/10] loss:0.115: 100%|██████████| 26/26 [00:15<00:00, 1.68it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:03<00:00, 1.17s/it]

[epoch 5] train\_loss: 0.269 val\_accuracy: 0.891

train epoch[6/10] loss:0.134: 100%|██████████| 26/26 [00:16<00:00, 1.58it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:03<00:00, 1.28s/it]

[epoch 6] train\_loss: 0.171 val\_accuracy: 0.935

train epoch[7/10] loss:0.853: 100%|██████████| 26/26 [00:17<00:00, 1.52it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:03<00:00, 1.18s/it]

[epoch 7] train\_loss: 0.302 val\_accuracy: 0.913

train epoch[8/10] loss:0.107: 100%|██████████| 26/26 [00:15<00:00, 1.68it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:03<00:00, 1.13s/it]

[epoch 8] train\_loss: 0.186 val\_accuracy: 0.935

train epoch[9/10] loss:0.021: 100%|██████████| 26/26 [00:15<00:00, 1.71it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:03<00:00, 1.13s/it]

[epoch 9] train\_loss: 0.223 val\_accuracy: 1.000

train epoch[10/10] loss:0.267: 100%|██████████| 26/26 [00:15<00:00, 1.71it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:03<00:00, 1.15s/it]

[epoch 10] train\_loss: 0.175 val\_accuracy: 0.913

Finished Training

Process finished with exit code 0

Resnext101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.250: 100%|██████████| 26/26 [00:26<00:00, 1.02s/it]

valid epoch[1/10]: 100%|██████████| 3/3 [00:04<00:00, 1.39s/it]

[epoch 1] train\_loss: 0.804 val\_accuracy: 0.761

train epoch[2/10] loss:0.336: 100%|██████████| 26/26 [00:20<00:00, 1.26it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:03<00:00, 1.08s/it]

[epoch 2] train\_loss: 0.415 val\_accuracy: 0.826

train epoch[3/10] loss:0.410: 100%|██████████| 26/26 [00:18<00:00, 1.42it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:03<00:00, 1.09s/it]

[epoch 3] train\_loss: 0.319 val\_accuracy: 0.848

train epoch[4/10] loss:0.365: 100%|██████████| 26/26 [00:18<00:00, 1.43it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:03<00:00, 1.06s/it]

[epoch 4] train\_loss: 0.292 val\_accuracy: 0.891

train epoch[5/10] loss:0.406: 100%|██████████| 26/26 [00:18<00:00, 1.42it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:03<00:00, 1.09s/it]

[epoch 5] train\_loss: 0.299 val\_accuracy: 0.739

train epoch[6/10] loss:0.216: 100%|██████████| 26/26 [00:18<00:00, 1.43it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:03<00:00, 1.08s/it]

[epoch 6] train\_loss: 0.255 val\_accuracy: 0.957

train epoch[7/10] loss:0.127: 100%|██████████| 26/26 [00:18<00:00, 1.40it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:03<00:00, 1.18s/it]

[epoch 7] train\_loss: 0.266 val\_accuracy: 0.783

train epoch[8/10] loss:0.097: 100%|██████████| 26/26 [00:21<00:00, 1.22it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:03<00:00, 1.22s/it]

[epoch 8] train\_loss: 0.229 val\_accuracy: 0.652

train epoch[9/10] loss:0.428: 100%|██████████| 26/26 [00:22<00:00, 1.18it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:03<00:00, 1.19s/it]

[epoch 9] train\_loss: 0.231 val\_accuracy: 0.935

train epoch[10/10] loss:0.079: 100%|██████████| 26/26 [00:20<00:00, 1.28it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:03<00:00, 1.21s/it]

[epoch 10] train\_loss: 0.180 val\_accuracy: 0.978

Finished Training

Process finished with exit code 0

Googlenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test4\_googlenet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/30] loss:1.252: 100%|██████████| 13/13 [00:18<00:00, 1.46s/it]

100%|██████████| 2/2 [00:03<00:00, 1.96s/it]

[epoch 1] train\_loss: 8.039 val\_accuracy: 0.500

train epoch[2/30] loss:1.322: 100%|██████████| 13/13 [00:14<00:00, 1.15s/it]

100%|██████████| 2/2 [00:03<00:00, 1.58s/it]

[epoch 2] train\_loss: 1.318 val\_accuracy: 0.500

train epoch[3/30] loss:1.098: 100%|██████████| 13/13 [00:12<00:00, 1.05it/s]

100%|██████████| 2/2 [00:03<00:00, 1.56s/it]

[epoch 3] train\_loss: 1.147 val\_accuracy: 0.500

train epoch[4/30] loss:1.116: 100%|██████████| 13/13 [00:13<00:00, 1.06s/it]

100%|██████████| 2/2 [00:03<00:00, 1.84s/it]

[epoch 4] train\_loss: 1.126 val\_accuracy: 0.500

train epoch[5/30] loss:1.060: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 2/2 [00:02<00:00, 1.44s/it]

[epoch 5] train\_loss: 1.108 val\_accuracy: 0.609

train epoch[6/30] loss:1.062: 100%|██████████| 13/13 [00:11<00:00, 1.17it/s]

100%|██████████| 2/2 [00:03<00:00, 1.59s/it]

[epoch 6] train\_loss: 1.084 val\_accuracy: 0.500

train epoch[7/30] loss:1.140: 100%|██████████| 13/13 [00:15<00:00, 1.21s/it]

100%|██████████| 2/2 [00:03<00:00, 1.81s/it]

[epoch 7] train\_loss: 1.096 val\_accuracy: 0.500

train epoch[8/30] loss:1.135: 100%|██████████| 13/13 [00:14<00:00, 1.08s/it]

100%|██████████| 2/2 [00:03<00:00, 1.74s/it]

[epoch 8] train\_loss: 1.112 val\_accuracy: 0.500

train epoch[9/30] loss:1.030: 100%|██████████| 13/13 [00:14<00:00, 1.10s/it]

100%|██████████| 2/2 [00:02<00:00, 1.44s/it]

[epoch 9] train\_loss: 1.078 val\_accuracy: 0.500

train epoch[10/30] loss:1.008: 100%|██████████| 13/13 [00:10<00:00, 1.22it/s]

100%|██████████| 2/2 [00:03<00:00, 1.59s/it]

[epoch 10] train\_loss: 1.080 val\_accuracy: 0.630

train epoch[11/30] loss:1.176: 100%|██████████| 13/13 [00:14<00:00, 1.08s/it]

100%|██████████| 2/2 [00:03<00:00, 1.51s/it]

[epoch 11] train\_loss: 1.085 val\_accuracy: 0.565

train epoch[12/30] loss:1.146: 100%|██████████| 13/13 [00:11<00:00, 1.13it/s]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 12] train\_loss: 1.072 val\_accuracy: 0.500

train epoch[13/30] loss:1.115: 100%|██████████| 13/13 [00:14<00:00, 1.08s/it]

100%|██████████| 2/2 [00:03<00:00, 1.76s/it]

[epoch 13] train\_loss: 1.138 val\_accuracy: 0.500

train epoch[14/30] loss:0.938: 100%|██████████| 13/13 [00:13<00:00, 1.06s/it]

100%|██████████| 2/2 [00:03<00:00, 1.67s/it]

[epoch 14] train\_loss: 1.059 val\_accuracy: 0.717

train epoch[15/30] loss:1.150: 100%|██████████| 13/13 [00:12<00:00, 1.06it/s]

100%|██████████| 2/2 [00:03<00:00, 1.65s/it]

[epoch 15] train\_loss: 1.034 val\_accuracy: 0.500

train epoch[16/30] loss:1.036: 100%|██████████| 13/13 [00:12<00:00, 1.00it/s]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 16] train\_loss: 1.013 val\_accuracy: 0.587

train epoch[17/30] loss:0.981: 100%|██████████| 13/13 [00:13<00:00, 1.02s/it]

100%|██████████| 2/2 [00:03<00:00, 1.70s/it]

[epoch 17] train\_loss: 0.973 val\_accuracy: 0.630

train epoch[18/30] loss:0.851: 100%|██████████| 13/13 [00:12<00:00, 1.00it/s]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 18] train\_loss: 0.937 val\_accuracy: 0.674

train epoch[19/30] loss:1.029: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 2/2 [00:03<00:00, 1.59s/it]

[epoch 19] train\_loss: 1.011 val\_accuracy: 0.522

train epoch[20/30] loss:0.886: 100%|██████████| 13/13 [00:11<00:00, 1.12it/s]

100%|██████████| 2/2 [00:03<00:00, 1.54s/it]

[epoch 20] train\_loss: 0.952 val\_accuracy: 0.457

train epoch[21/30] loss:0.884: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 2/2 [00:03<00:00, 1.72s/it]

[epoch 21] train\_loss: 0.932 val\_accuracy: 0.739

train epoch[22/30] loss:0.999: 100%|██████████| 13/13 [00:13<00:00, 1.02s/it]

100%|██████████| 2/2 [00:03<00:00, 1.68s/it]

[epoch 22] train\_loss: 1.042 val\_accuracy: 0.565

train epoch[23/30] loss:0.976: 100%|██████████| 13/13 [00:13<00:00, 1.06s/it]

100%|██████████| 2/2 [00:03<00:00, 1.65s/it]

[epoch 23] train\_loss: 1.007 val\_accuracy: 0.761

train epoch[24/30] loss:0.889: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 24] train\_loss: 0.963 val\_accuracy: 0.522

train epoch[25/30] loss:0.856: 100%|██████████| 13/13 [00:13<00:00, 1.01s/it]

100%|██████████| 2/2 [00:03<00:00, 1.70s/it]

[epoch 25] train\_loss: 0.957 val\_accuracy: 0.717

train epoch[26/30] loss:0.726: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 26] train\_loss: 0.898 val\_accuracy: 0.783

train epoch[27/30] loss:0.971: 100%|██████████| 13/13 [00:13<00:00, 1.01s/it]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 27] train\_loss: 0.914 val\_accuracy: 0.522

train epoch[28/30] loss:0.668: 100%|██████████| 13/13 [00:13<00:00, 1.03s/it]

100%|██████████| 2/2 [00:03<00:00, 1.68s/it]

[epoch 28] train\_loss: 0.843 val\_accuracy: 0.652

train epoch[29/30] loss:0.556: 100%|██████████| 13/13 [00:13<00:00, 1.01s/it]

100%|██████████| 2/2 [00:03<00:00, 1.70s/it]

[epoch 29] train\_loss: 0.742 val\_accuracy: 0.522

train epoch[30/30] loss:0.837: 100%|██████████| 13/13 [00:13<00:00, 1.00s/it]

100%|██████████| 2/2 [00:03<00:00, 1.68s/it]

[epoch 30] train\_loss: 0.982 val\_accuracy: 0.500

Finished Training

Process finished with exit code 0

Vggnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test3\_vggnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/30] loss:0.693: 100%|██████████| 13/13 [00:29<00:00, 2.24s/it]

100%|██████████| 2/2 [00:05<00:00, 2.79s/it]

[epoch 1] train\_loss: 0.696 val\_accuracy: 0.500

train epoch[2/30] loss:0.696: 100%|██████████| 13/13 [00:15<00:00, 1.18s/it]

100%|██████████| 2/2 [00:03<00:00, 1.78s/it]

[epoch 2] train\_loss: 0.694 val\_accuracy: 0.500

train epoch[3/30] loss:0.693: 100%|██████████| 13/13 [00:14<00:00, 1.10s/it]

100%|██████████| 2/2 [00:03<00:00, 1.66s/it]

[epoch 3] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[4/30] loss:0.694: 100%|██████████| 13/13 [00:14<00:00, 1.15s/it]

100%|██████████| 2/2 [00:03<00:00, 1.72s/it]

[epoch 4] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[5/30] loss:0.692: 100%|██████████| 13/13 [00:13<00:00, 1.08s/it]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 5] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[6/30] loss:0.694: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.47s/it]

[epoch 6] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[7/30] loss:0.693: 100%|██████████| 13/13 [00:14<00:00, 1.14s/it]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 7] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[8/30] loss:0.695: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.47s/it]

[epoch 8] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[9/30] loss:0.693: 100%|██████████| 13/13 [00:13<00:00, 1.02s/it]

100%|██████████| 2/2 [00:02<00:00, 1.48s/it]

[epoch 9] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[10/30] loss:0.694: 100%|██████████| 13/13 [00:13<00:00, 1.00s/it]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 10] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[11/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.47s/it]

[epoch 11] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[12/30] loss:0.693: 100%|██████████| 13/13 [00:13<00:00, 1.00s/it]

100%|██████████| 2/2 [00:02<00:00, 1.43s/it]

[epoch 12] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[13/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.47s/it]

[epoch 13] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[14/30] loss:0.692: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 14] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[15/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.02it/s]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 15] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[16/30] loss:0.695: 100%|██████████| 13/13 [00:12<00:00, 1.00it/s]

100%|██████████| 2/2 [00:03<00:00, 1.52s/it]

[epoch 16] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[17/30] loss:0.693: 100%|██████████| 13/13 [00:13<00:00, 1.01s/it]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 17] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[18/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.02it/s]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 18] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[19/30] loss:0.695: 100%|██████████| 13/13 [00:12<00:00, 1.02it/s]

100%|██████████| 2/2 [00:03<00:00, 1.61s/it]

[epoch 19] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[20/30] loss:0.693: 100%|██████████| 13/13 [00:13<00:00, 1.07s/it]

100%|██████████| 2/2 [00:02<00:00, 1.46s/it]

[epoch 20] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[21/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.48s/it]

[epoch 21] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[22/30] loss:0.694: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.49s/it]

[epoch 22] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[23/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.02it/s]

100%|██████████| 2/2 [00:02<00:00, 1.45s/it]

[epoch 23] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[24/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.02it/s]

100%|██████████| 2/2 [00:02<00:00, 1.47s/it]

[epoch 24] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[25/30] loss:0.694: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.44s/it]

[epoch 25] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[26/30] loss:0.692: 100%|██████████| 13/13 [00:12<00:00, 1.00it/s]

100%|██████████| 2/2 [00:03<00:00, 1.61s/it]

[epoch 26] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[27/30] loss:0.693: 100%|██████████| 13/13 [00:13<00:00, 1.03s/it]

100%|██████████| 2/2 [00:03<00:00, 1.69s/it]

[epoch 27] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[28/30] loss:0.693: 100%|██████████| 13/13 [00:14<00:00, 1.13s/it]

100%|██████████| 2/2 [00:03<00:00, 1.54s/it]

[epoch 28] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[29/30] loss:0.693: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.48s/it]

[epoch 29] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[30/30] loss:0.694: 100%|██████████| 13/13 [00:12<00:00, 1.01it/s]

100%|██████████| 2/2 [00:02<00:00, 1.49s/it]

[epoch 30] train\_loss: 0.693 val\_accuracy: 0.500

Finished Training

Process finished with exit code 0

Alexnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test2\_alexnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.683: 100%|██████████| 13/13 [00:28<00:00, 2.17s/it]

100%|██████████| 12/12 [00:04<00:00, 2.76it/s]

[epoch 1] train\_loss: 0.698 val\_accuracy: 0.587

train epoch[2/10] loss:0.702: 100%|██████████| 13/13 [00:16<00:00, 1.28s/it]

100%|██████████| 12/12 [00:03<00:00, 3.31it/s]

[epoch 2] train\_loss: 0.697 val\_accuracy: 0.500

train epoch[3/10] loss:0.657: 100%|██████████| 13/13 [00:13<00:00, 1.02s/it]

100%|██████████| 12/12 [00:03<00:00, 3.26it/s]

[epoch 3] train\_loss: 0.678 val\_accuracy: 0.652

train epoch[4/10] loss:0.656: 100%|██████████| 13/13 [00:13<00:00, 1.05s/it]

100%|██████████| 12/12 [00:03<00:00, 3.30it/s]

[epoch 4] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[5/10] loss:0.667: 100%|██████████| 13/13 [00:13<00:00, 1.03s/it]

100%|██████████| 12/12 [00:03<00:00, 3.32it/s]

[epoch 5] train\_loss: 0.687 val\_accuracy: 0.609

train epoch[6/10] loss:0.675: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 12/12 [00:03<00:00, 3.18it/s]

[epoch 6] train\_loss: 0.679 val\_accuracy: 0.717

train epoch[7/10] loss:0.545: 100%|██████████| 13/13 [00:13<00:00, 1.07s/it]

100%|██████████| 12/12 [00:03<00:00, 3.26it/s]

[epoch 7] train\_loss: 0.661 val\_accuracy: 0.630

train epoch[8/10] loss:0.697: 100%|██████████| 13/13 [00:13<00:00, 1.07s/it]

100%|██████████| 12/12 [00:03<00:00, 3.27it/s]

[epoch 8] train\_loss: 0.697 val\_accuracy: 0.500

train epoch[9/10] loss:0.678: 100%|██████████| 13/13 [00:13<00:00, 1.07s/it]

100%|██████████| 12/12 [00:03<00:00, 3.28it/s]

[epoch 9] train\_loss: 0.683 val\_accuracy: 0.587

train epoch[10/10] loss:0.679: 100%|██████████| 13/13 [00:13<00:00, 1.04s/it]

100%|██████████| 12/12 [00:03<00:00, 3.34it/s]

[epoch 10] train\_loss: 0.684 val\_accuracy: 0.652

Finished Training

Process finished with exit code 0

F2-T2

Alexnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test2\_alexnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.691: 100%|██████████| 13/13 [00:42<00:00, 3.26s/it]

100%|██████████| 12/12 [00:05<00:00, 2.03it/s]

[epoch 1] train\_loss: 0.712 val\_accuracy: 0.543

train epoch[2/10] loss:0.722: 100%|██████████| 13/13 [00:25<00:00, 1.93s/it]

100%|██████████| 12/12 [00:04<00:00, 2.48it/s]

[epoch 2] train\_loss: 0.681 val\_accuracy: 0.543

train epoch[3/10] loss:0.611: 100%|██████████| 13/13 [00:23<00:00, 1.80s/it]

100%|██████████| 12/12 [00:05<00:00, 2.39it/s]

[epoch 3] train\_loss: 0.658 val\_accuracy: 0.696

train epoch[4/10] loss:0.675: 100%|██████████| 13/13 [00:23<00:00, 1.84s/it]

100%|██████████| 12/12 [00:05<00:00, 2.27it/s]

[epoch 4] train\_loss: 0.671 val\_accuracy: 0.609

train epoch[5/10] loss:0.643: 100%|██████████| 13/13 [00:24<00:00, 1.86s/it]

100%|██████████| 12/12 [00:05<00:00, 2.39it/s]

[epoch 5] train\_loss: 0.666 val\_accuracy: 0.522

train epoch[6/10] loss:0.687: 100%|██████████| 13/13 [00:23<00:00, 1.79s/it]

100%|██████████| 12/12 [00:04<00:00, 2.47it/s]

[epoch 6] train\_loss: 0.689 val\_accuracy: 0.587

train epoch[7/10] loss:0.598: 100%|██████████| 13/13 [00:25<00:00, 1.96s/it]

100%|██████████| 12/12 [00:04<00:00, 2.57it/s]

[epoch 7] train\_loss: 0.666 val\_accuracy: 0.609

train epoch[8/10] loss:0.639: 100%|██████████| 13/13 [00:23<00:00, 1.80s/it]

100%|██████████| 12/12 [00:04<00:00, 2.50it/s]

[epoch 8] train\_loss: 0.647 val\_accuracy: 0.652

train epoch[9/10] loss:0.637: 100%|██████████| 13/13 [00:22<00:00, 1.73s/it]

100%|██████████| 12/12 [00:04<00:00, 2.65it/s]

[epoch 9] train\_loss: 0.624 val\_accuracy: 0.761

train epoch[10/10] loss:0.635: 100%|██████████| 13/13 [00:23<00:00, 1.78s/it]

100%|██████████| 12/12 [00:04<00:00, 2.42it/s]

[epoch 10] train\_loss: 0.623 val\_accuracy: 0.761

Finished Training

Process finished with exit code 0

Vggnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test3\_vggnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/30] loss:0.691: 100%|██████████| 13/13 [00:44<00:00, 3.46s/it]

100%|██████████| 2/2 [00:05<00:00, 2.57s/it]

[epoch 1] train\_loss: 0.700 val\_accuracy: 0.500

train epoch[2/30] loss:0.693: 100%|██████████| 13/13 [00:29<00:00, 2.27s/it]

100%|██████████| 2/2 [00:04<00:00, 2.17s/it]

[epoch 2] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[3/30] loss:0.647: 100%|██████████| 13/13 [00:25<00:00, 1.98s/it]

100%|██████████| 2/2 [00:04<00:00, 2.02s/it]

[epoch 3] train\_loss: 0.687 val\_accuracy: 0.500

train epoch[4/30] loss:0.691: 100%|██████████| 13/13 [00:25<00:00, 1.96s/it]

100%|██████████| 2/2 [00:03<00:00, 1.91s/it]

[epoch 4] train\_loss: 0.693 val\_accuracy: 0.500

train epoch[5/30] loss:0.657: 100%|██████████| 13/13 [00:26<00:00, 2.02s/it]

100%|██████████| 2/2 [00:04<00:00, 2.07s/it]

[epoch 5] train\_loss: 0.689 val\_accuracy: 0.587

train epoch[6/30] loss:0.672: 100%|██████████| 13/13 [00:25<00:00, 1.93s/it]

100%|██████████| 2/2 [00:03<00:00, 1.91s/it]

[epoch 6] train\_loss: 0.682 val\_accuracy: 0.761

train epoch[7/30] loss:0.767: 100%|██████████| 13/13 [00:24<00:00, 1.92s/it]

100%|██████████| 2/2 [00:03<00:00, 1.96s/it]

[epoch 7] train\_loss: 0.662 val\_accuracy: 0.826

train epoch[8/30] loss:0.692: 100%|██████████| 13/13 [00:26<00:00, 2.03s/it]

100%|██████████| 2/2 [00:03<00:00, 1.88s/it]

[epoch 8] train\_loss: 0.689 val\_accuracy: 0.696

train epoch[9/30] loss:0.683: 100%|██████████| 13/13 [00:26<00:00, 2.01s/it]

100%|██████████| 2/2 [00:03<00:00, 1.92s/it]

[epoch 9] train\_loss: 0.673 val\_accuracy: 0.739

train epoch[10/30] loss:0.699: 100%|██████████| 13/13 [00:25<00:00, 1.96s/it]

100%|██████████| 2/2 [00:03<00:00, 1.94s/it]

[epoch 10] train\_loss: 0.664 val\_accuracy: 0.500

train epoch[11/30] loss:0.598: 100%|██████████| 13/13 [00:25<00:00, 1.99s/it]

100%|██████████| 2/2 [00:04<00:00, 2.03s/it]

[epoch 11] train\_loss: 0.637 val\_accuracy: 0.522

train epoch[12/30] loss:0.743: 100%|██████████| 13/13 [00:26<00:00, 2.02s/it]

100%|██████████| 2/2 [00:03<00:00, 1.98s/it]

[epoch 12] train\_loss: 0.653 val\_accuracy: 0.848

train epoch[13/30] loss:0.651: 100%|██████████| 13/13 [00:25<00:00, 2.00s/it]

100%|██████████| 2/2 [00:03<00:00, 1.93s/it]

[epoch 13] train\_loss: 0.656 val\_accuracy: 0.826

train epoch[14/30] loss:0.609: 100%|██████████| 13/13 [00:25<00:00, 1.95s/it]

100%|██████████| 2/2 [00:03<00:00, 1.96s/it]

[epoch 14] train\_loss: 0.638 val\_accuracy: 0.761

train epoch[15/30] loss:0.508: 100%|██████████| 13/13 [00:31<00:00, 2.39s/it]

100%|██████████| 2/2 [00:03<00:00, 1.90s/it]

[epoch 15] train\_loss: 0.620 val\_accuracy: 0.891

train epoch[16/30] loss:0.715: 100%|██████████| 13/13 [00:27<00:00, 2.14s/it]

100%|██████████| 2/2 [00:04<00:00, 2.20s/it]

[epoch 16] train\_loss: 0.620 val\_accuracy: 0.826

train epoch[17/30] loss:0.572: 100%|██████████| 13/13 [00:25<00:00, 1.98s/it]

100%|██████████| 2/2 [00:03<00:00, 1.88s/it]

[epoch 17] train\_loss: 0.548 val\_accuracy: 0.848

train epoch[18/30] loss:0.628: 100%|██████████| 13/13 [00:25<00:00, 1.98s/it]

100%|██████████| 2/2 [00:04<00:00, 2.22s/it]

[epoch 18] train\_loss: 0.628 val\_accuracy: 0.848

train epoch[19/30] loss:0.565: 100%|██████████| 13/13 [00:26<00:00, 2.04s/it]

100%|██████████| 2/2 [00:04<00:00, 2.04s/it]

[epoch 19] train\_loss: 0.590 val\_accuracy: 0.870

train epoch[20/30] loss:0.469: 100%|██████████| 13/13 [00:26<00:00, 2.06s/it]

100%|██████████| 2/2 [00:03<00:00, 1.81s/it]

[epoch 20] train\_loss: 0.582 val\_accuracy: 0.870

train epoch[21/30] loss:0.546: 100%|██████████| 13/13 [00:25<00:00, 2.00s/it]

100%|██████████| 2/2 [00:03<00:00, 1.87s/it]

[epoch 21] train\_loss: 0.543 val\_accuracy: 0.870

train epoch[22/30] loss:0.824: 100%|██████████| 13/13 [00:26<00:00, 2.00s/it]

100%|██████████| 2/2 [00:03<00:00, 1.85s/it]

[epoch 22] train\_loss: 0.524 val\_accuracy: 0.826

train epoch[23/30] loss:0.461: 100%|██████████| 13/13 [00:26<00:00, 2.04s/it]

100%|██████████| 2/2 [00:03<00:00, 1.90s/it]

[epoch 23] train\_loss: 0.546 val\_accuracy: 0.848

train epoch[24/30] loss:0.254: 100%|██████████| 13/13 [00:26<00:00, 2.01s/it]

100%|██████████| 2/2 [00:03<00:00, 1.89s/it]

[epoch 24] train\_loss: 0.456 val\_accuracy: 0.848

train epoch[25/30] loss:0.560: 100%|██████████| 13/13 [00:26<00:00, 2.05s/it]

100%|██████████| 2/2 [00:03<00:00, 1.91s/it]

[epoch 25] train\_loss: 0.477 val\_accuracy: 0.848

train epoch[26/30] loss:0.386: 100%|██████████| 13/13 [00:26<00:00, 2.03s/it]

100%|██████████| 2/2 [00:03<00:00, 1.91s/it]

[epoch 26] train\_loss: 0.496 val\_accuracy: 0.848

train epoch[27/30] loss:0.248: 100%|██████████| 13/13 [00:26<00:00, 2.02s/it]

100%|██████████| 2/2 [00:04<00:00, 2.01s/it]

[epoch 27] train\_loss: 0.432 val\_accuracy: 0.848

train epoch[28/30] loss:0.415: 100%|██████████| 13/13 [00:27<00:00, 2.13s/it]

100%|██████████| 2/2 [00:03<00:00, 1.80s/it]

[epoch 28] train\_loss: 0.452 val\_accuracy: 0.870

train epoch[29/30] loss:0.479: 100%|██████████| 13/13 [00:25<00:00, 1.99s/it]

100%|██████████| 2/2 [00:03<00:00, 1.96s/it]

[epoch 29] train\_loss: 0.548 val\_accuracy: 0.870

train epoch[30/30] loss:0.386: 100%|██████████| 13/13 [00:31<00:00, 2.41s/it]

100%|██████████| 2/2 [00:04<00:00, 2.16s/it]

[epoch 30] train\_loss: 0.516 val\_accuracy: 0.870

Finished Training

Process finished with exit code 0

Googlenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test4\_googlenet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/30] loss:1.215: 100%|██████████| 13/13 [00:27<00:00, 2.14s/it]

100%|██████████| 2/2 [00:03<00:00, 1.60s/it]

[epoch 1] train\_loss: 9.320 val\_accuracy: 0.761

train epoch[2/30] loss:1.154: 100%|██████████| 13/13 [00:10<00:00, 1.21it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 2] train\_loss: 1.166 val\_accuracy: 0.522

train epoch[3/30] loss:1.098: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:02<00:00, 1.00s/it]

[epoch 3] train\_loss: 1.085 val\_accuracy: 0.739

train epoch[4/30] loss:1.266: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:01<00:00, 1.03it/s]

[epoch 4] train\_loss: 1.086 val\_accuracy: 0.500

train epoch[5/30] loss:0.994: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.03it/s]

[epoch 5] train\_loss: 1.071 val\_accuracy: 0.500

train epoch[6/30] loss:1.247: 100%|██████████| 13/13 [00:09<00:00, 1.34it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 6] train\_loss: 1.065 val\_accuracy: 0.500

train epoch[7/30] loss:0.965: 100%|██████████| 13/13 [00:09<00:00, 1.32it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 7] train\_loss: 1.061 val\_accuracy: 0.761

train epoch[8/30] loss:1.055: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.03it/s]

[epoch 8] train\_loss: 1.045 val\_accuracy: 0.500

train epoch[9/30] loss:1.128: 100%|██████████| 13/13 [00:09<00:00, 1.34it/s]

100%|██████████| 2/2 [00:02<00:00, 1.00s/it]

[epoch 9] train\_loss: 1.035 val\_accuracy: 0.587

train epoch[10/30] loss:0.917: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 10] train\_loss: 0.993 val\_accuracy: 0.826

train epoch[11/30] loss:0.933: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 11] train\_loss: 1.044 val\_accuracy: 0.717

train epoch[12/30] loss:0.961: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 12] train\_loss: 0.989 val\_accuracy: 0.804

train epoch[13/30] loss:0.893: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 13] train\_loss: 0.974 val\_accuracy: 0.870

train epoch[14/30] loss:1.180: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 14] train\_loss: 0.986 val\_accuracy: 0.500

train epoch[15/30] loss:1.295: 100%|██████████| 13/13 [00:09<00:00, 1.33it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 15] train\_loss: 1.033 val\_accuracy: 0.500

train epoch[16/30] loss:1.090: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 16] train\_loss: 1.011 val\_accuracy: 0.630

train epoch[17/30] loss:0.978: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 17] train\_loss: 0.953 val\_accuracy: 0.609

train epoch[18/30] loss:0.882: 100%|██████████| 13/13 [00:09<00:00, 1.38it/s]

100%|██████████| 2/2 [00:01<00:00, 1.02it/s]

[epoch 18] train\_loss: 0.941 val\_accuracy: 0.826

train epoch[19/30] loss:0.875: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.03it/s]

[epoch 19] train\_loss: 0.936 val\_accuracy: 0.587

train epoch[20/30] loss:0.720: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:02<00:00, 1.01s/it]

[epoch 20] train\_loss: 0.938 val\_accuracy: 0.522

train epoch[21/30] loss:1.003: 100%|██████████| 13/13 [00:09<00:00, 1.33it/s]

100%|██████████| 2/2 [00:02<00:00, 1.00s/it]

[epoch 21] train\_loss: 1.016 val\_accuracy: 0.870

train epoch[22/30] loss:0.584: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.00it/s]

[epoch 22] train\_loss: 0.867 val\_accuracy: 0.717

train epoch[23/30] loss:0.917: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 23] train\_loss: 0.873 val\_accuracy: 0.804

train epoch[24/30] loss:0.760: 100%|██████████| 13/13 [00:09<00:00, 1.36it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 24] train\_loss: 0.906 val\_accuracy: 0.783

train epoch[25/30] loss:0.758: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:02<00:00, 1.02s/it]

[epoch 25] train\_loss: 0.827 val\_accuracy: 0.804

train epoch[26/30] loss:0.833: 100%|██████████| 13/13 [00:09<00:00, 1.33it/s]

100%|██████████| 2/2 [00:02<00:00, 1.04s/it]

[epoch 26] train\_loss: 0.912 val\_accuracy: 0.848

train epoch[27/30] loss:0.787: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:01<00:00, 1.00it/s]

[epoch 27] train\_loss: 0.845 val\_accuracy: 0.783

train epoch[28/30] loss:1.165: 100%|██████████| 13/13 [00:09<00:00, 1.37it/s]

100%|██████████| 2/2 [00:01<00:00, 1.01it/s]

[epoch 28] train\_loss: 0.806 val\_accuracy: 0.848

train epoch[29/30] loss:0.893: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:02<00:00, 1.01s/it]

[epoch 29] train\_loss: 0.844 val\_accuracy: 0.848

train epoch[30/30] loss:0.642: 100%|██████████| 13/13 [00:09<00:00, 1.35it/s]

100%|██████████| 2/2 [00:01<00:00, 1.00it/s]

[epoch 30] train\_loss: 0.773 val\_accuracy: 0.804

Finished Training

Process finished with exit code 0

Resnext101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.259: 100%|██████████| 26/26 [00:24<00:00, 1.05it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.09s/it]

[epoch 1] train\_loss: 0.618 val\_accuracy: 0.804

train epoch[2/10] loss:0.364: 100%|██████████| 26/26 [00:16<00:00, 1.55it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 2] train\_loss: 0.379 val\_accuracy: 0.630

train epoch[3/10] loss:0.616: 100%|██████████| 26/26 [00:15<00:00, 1.63it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 3] train\_loss: 0.381 val\_accuracy: 0.913

train epoch[4/10] loss:0.498: 100%|██████████| 26/26 [00:15<00:00, 1.63it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 4] train\_loss: 0.336 val\_accuracy: 0.804

train epoch[5/10] loss:0.567: 100%|██████████| 26/26 [00:15<00:00, 1.63it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 5] train\_loss: 0.328 val\_accuracy: 0.870

train epoch[6/10] loss:0.219: 100%|██████████| 26/26 [00:16<00:00, 1.58it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 6] train\_loss: 0.257 val\_accuracy: 0.935

train epoch[7/10] loss:0.221: 100%|██████████| 26/26 [00:15<00:00, 1.64it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 7] train\_loss: 0.237 val\_accuracy: 0.913

train epoch[8/10] loss:0.066: 100%|██████████| 26/26 [00:16<00:00, 1.62it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.41it/s]

[epoch 8] train\_loss: 0.228 val\_accuracy: 0.870

train epoch[9/10] loss:0.093: 100%|██████████| 26/26 [00:16<00:00, 1.59it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.40it/s]

[epoch 9] train\_loss: 0.302 val\_accuracy: 0.935

train epoch[10/10] loss:0.110: 100%|██████████| 26/26 [00:16<00:00, 1.62it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.39it/s]

[epoch 10] train\_loss: 0.277 val\_accuracy: 0.978

Finished Training

Process finished with exit code 0

Resnext50

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.712: 100%|██████████| 26/26 [00:21<00:00, 1.22it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.04s/it]

[epoch 1] train\_loss: 0.749 val\_accuracy: 0.826

train epoch[2/10] loss:0.944: 100%|██████████| 26/26 [00:12<00:00, 2.14it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 2] train\_loss: 0.385 val\_accuracy: 0.848

train epoch[3/10] loss:0.477: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 3] train\_loss: 0.357 val\_accuracy: 0.957

train epoch[4/10] loss:0.287: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 4] train\_loss: 0.327 val\_accuracy: 0.826

train epoch[5/10] loss:0.283: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 5] train\_loss: 0.234 val\_accuracy: 0.913

train epoch[6/10] loss:0.359: 100%|██████████| 26/26 [00:11<00:00, 2.31it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 6] train\_loss: 0.335 val\_accuracy: 0.739

train epoch[7/10] loss:0.066: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:01<00:00, 1.54it/s]

[epoch 7] train\_loss: 0.261 val\_accuracy: 0.804

train epoch[8/10] loss:0.304: 100%|██████████| 26/26 [00:11<00:00, 2.21it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 8] train\_loss: 0.215 val\_accuracy: 0.957

train epoch[9/10] loss:0.151: 100%|██████████| 26/26 [00:11<00:00, 2.27it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 9] train\_loss: 0.215 val\_accuracy: 0.978

train epoch[10/10] loss:0.220: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 10] train\_loss: 0.243 val\_accuracy: 0.761

Finished Training

Process finished with exit code 0

Resnet50

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.278: 100%|██████████| 26/26 [00:20<00:00, 1.25it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.08s/it]

[epoch 1] train\_loss: 0.804 val\_accuracy: 0.804

train epoch[2/10] loss:0.356: 100%|██████████| 26/26 [00:12<00:00, 2.01it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.35it/s]

[epoch 2] train\_loss: 0.396 val\_accuracy: 0.891

train epoch[3/10] loss:0.497: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 3] train\_loss: 0.398 val\_accuracy: 0.587

train epoch[4/10] loss:0.344: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 4] train\_loss: 0.334 val\_accuracy: 1.000

train epoch[5/10] loss:0.082: 100%|██████████| 26/26 [00:10<00:00, 2.41it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 5] train\_loss: 0.262 val\_accuracy: 0.957

train epoch[6/10] loss:0.504: 100%|██████████| 26/26 [00:10<00:00, 2.43it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 6] train\_loss: 0.294 val\_accuracy: 0.674

train epoch[7/10] loss:0.221: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 7] train\_loss: 0.303 val\_accuracy: 0.913

train epoch[8/10] loss:0.093: 100%|██████████| 26/26 [00:10<00:00, 2.44it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 8] train\_loss: 0.259 val\_accuracy: 0.978

train epoch[9/10] loss:0.192: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.41it/s]

[epoch 9] train\_loss: 0.222 val\_accuracy: 0.935

train epoch[10/10] loss:0.305: 100%|██████████| 26/26 [00:11<00:00, 2.36it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 10] train\_loss: 0.181 val\_accuracy: 0.957

Finished Training

Process finished with exit code 0

Resnet101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.762: 100%|██████████| 26/26 [00:21<00:00, 1.20it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.02s/it]

[epoch 1] train\_loss: 0.788 val\_accuracy: 0.891

train epoch[2/10] loss:0.464: 100%|██████████| 26/26 [00:12<00:00, 2.12it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 2] train\_loss: 0.416 val\_accuracy: 0.783

train epoch[3/10] loss:0.391: 100%|██████████| 26/26 [00:12<00:00, 2.16it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 3] train\_loss: 0.348 val\_accuracy: 0.957

train epoch[4/10] loss:0.796: 100%|██████████| 26/26 [00:11<00:00, 2.17it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 4] train\_loss: 0.347 val\_accuracy: 0.870

train epoch[5/10] loss:0.191: 100%|██████████| 26/26 [00:11<00:00, 2.18it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 5] train\_loss: 0.341 val\_accuracy: 0.957

train epoch[6/10] loss:0.255: 100%|██████████| 26/26 [00:11<00:00, 2.22it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 6] train\_loss: 0.317 val\_accuracy: 0.978

train epoch[7/10] loss:0.197: 100%|██████████| 26/26 [00:11<00:00, 2.20it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 7] train\_loss: 0.248 val\_accuracy: 0.848

train epoch[8/10] loss:0.150: 100%|██████████| 26/26 [00:11<00:00, 2.19it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 8] train\_loss: 0.226 val\_accuracy: 0.739

train epoch[9/10] loss:0.720: 100%|██████████| 26/26 [00:12<00:00, 2.14it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.39it/s]

[epoch 9] train\_loss: 0.268 val\_accuracy: 0.870

train epoch[10/10] loss:0.206: 100%|██████████| 26/26 [00:11<00:00, 2.18it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 10] train\_loss: 0.260 val\_accuracy: 0.913

Finished Training

Process finished with exit code 0

Resnet34

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.434: 100%|██████████| 26/26 [00:20<00:00, 1.28it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.02s/it]

[epoch 1] train\_loss: 1.053 val\_accuracy: 0.630

train epoch[2/10] loss:0.236: 100%|██████████| 26/26 [00:11<00:00, 2.32it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 2] train\_loss: 0.532 val\_accuracy: 0.870

train epoch[3/10] loss:0.132: 100%|██████████| 26/26 [00:12<00:00, 2.11it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.39it/s]

[epoch 3] train\_loss: 0.422 val\_accuracy: 0.783

train epoch[4/10] loss:0.436: 100%|██████████| 26/26 [00:10<00:00, 2.51it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 4] train\_loss: 0.387 val\_accuracy: 0.891

train epoch[5/10] loss:1.311: 100%|██████████| 26/26 [00:10<00:00, 2.47it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 5] train\_loss: 0.327 val\_accuracy: 0.957

train epoch[6/10] loss:0.250: 100%|██████████| 26/26 [00:10<00:00, 2.53it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 6] train\_loss: 0.338 val\_accuracy: 0.783

train epoch[7/10] loss:0.107: 100%|██████████| 26/26 [00:10<00:00, 2.55it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 7] train\_loss: 0.232 val\_accuracy: 0.978

train epoch[8/10] loss:0.161: 100%|██████████| 26/26 [00:10<00:00, 2.51it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 8] train\_loss: 0.306 val\_accuracy: 0.978

train epoch[9/10] loss:0.157: 100%|██████████| 26/26 [00:10<00:00, 2.50it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 9] train\_loss: 0.336 val\_accuracy: 0.739

train epoch[10/10] loss:0.167: 100%|██████████| 26/26 [00:10<00:00, 2.51it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 10] train\_loss: 0.272 val\_accuracy: 1.000

Finished Training

Process finished with exit code 0

Mobilenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test6\_mobilenet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/15] loss:0.690: 100%|██████████| 26/26 [00:20<00:00, 1.30it/s]

valid epoch[1/15]: 100%|██████████| 3/3 [00:02<00:00, 1.21it/s]

[epoch 1] train\_loss: 0.712 val\_accuracy: 0.478

train epoch[2/15] loss:0.730: 100%|██████████| 26/26 [00:09<00:00, 2.75it/s]

valid epoch[2/15]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 2] train\_loss: 0.705 val\_accuracy: 0.478

train epoch[3/15] loss:0.678: 100%|██████████| 26/26 [00:09<00:00, 2.78it/s]

valid epoch[3/15]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 3] train\_loss: 0.685 val\_accuracy: 0.565

train epoch[4/15] loss:0.681: 100%|██████████| 26/26 [00:09<00:00, 2.79it/s]

valid epoch[4/15]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 4] train\_loss: 0.670 val\_accuracy: 0.609

train epoch[5/15] loss:0.706: 100%|██████████| 26/26 [00:09<00:00, 2.75it/s]

valid epoch[5/15]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 5] train\_loss: 0.661 val\_accuracy: 0.630

train epoch[6/15] loss:0.609: 100%|██████████| 26/26 [00:09<00:00, 2.75it/s]

valid epoch[6/15]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 6] train\_loss: 0.665 val\_accuracy: 0.717

train epoch[7/15] loss:0.739: 100%|██████████| 26/26 [00:09<00:00, 2.76it/s]

valid epoch[7/15]: 100%|██████████| 3/3 [00:01<00:00, 1.50it/s]

[epoch 7] train\_loss: 0.658 val\_accuracy: 0.717

train epoch[8/15] loss:0.659: 100%|██████████| 26/26 [00:09<00:00, 2.82it/s]

valid epoch[8/15]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 8] train\_loss: 0.625 val\_accuracy: 0.739

train epoch[9/15] loss:0.577: 100%|██████████| 26/26 [00:09<00:00, 2.80it/s]

valid epoch[9/15]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 9] train\_loss: 0.619 val\_accuracy: 0.739

train epoch[10/15] loss:0.611: 100%|██████████| 26/26 [00:09<00:00, 2.78it/s]

valid epoch[10/15]: 100%|██████████| 3/3 [00:01<00:00, 1.50it/s]

[epoch 10] train\_loss: 0.625 val\_accuracy: 0.761

train epoch[11/15] loss:0.588: 100%|██████████| 26/26 [00:09<00:00, 2.78it/s]

valid epoch[11/15]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 11] train\_loss: 0.619 val\_accuracy: 0.717

train epoch[12/15] loss:0.622: 100%|██████████| 26/26 [00:09<00:00, 2.79it/s]

valid epoch[12/15]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 12] train\_loss: 0.596 val\_accuracy: 0.739

train epoch[13/15] loss:0.676: 100%|██████████| 26/26 [00:09<00:00, 2.79it/s]

valid epoch[13/15]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 13] train\_loss: 0.597 val\_accuracy: 0.761

train epoch[14/15] loss:0.707: 100%|██████████| 26/26 [00:09<00:00, 2.75it/s]

valid epoch[14/15]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 14] train\_loss: 0.599 val\_accuracy: 0.717

train epoch[15/15] loss:0.644: 100%|██████████| 26/26 [00:09<00:00, 2.79it/s]

valid epoch[15/15]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 15] train\_loss: 0.588 val\_accuracy: 0.739

Finished Training

Process finished with exit code 0

Shufflenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test7\_shufflenet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data2', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.01, lrf=0.1, num\_classes=2, weights='./shufflenetv2\_x1.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['fc.weight', 'fc.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.692: 100%|██████████| 23/23 [00:25<00:00, 1.12s/it]

100%|██████████| 6/6 [00:04<00:00, 1.26it/s]

[epoch 0] accuracy: 0.5

[epoch 1] mean loss 0.692: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.84it/s]

[epoch 1] accuracy: 0.5

[epoch 2] mean loss 0.688: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 2] accuracy: 0.511

[epoch 3] mean loss 0.688: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.89it/s]

[epoch 3] accuracy: 0.609

[epoch 4] mean loss 0.682: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 4] accuracy: 0.522

[epoch 5] mean loss 0.678: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.70it/s]

[epoch 5] accuracy: 0.848

[epoch 6] mean loss 0.677: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.77it/s]

[epoch 6] accuracy: 0.837

[epoch 7] mean loss 0.67: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:03<00:00, 1.76it/s]

[epoch 7] accuracy: 0.696

[epoch 8] mean loss 0.662: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.78it/s]

[epoch 8] accuracy: 0.576

[epoch 9] mean loss 0.653: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.87it/s]

[epoch 9] accuracy: 0.793

[epoch 10] mean loss 0.651: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 10] accuracy: 0.88

[epoch 11] mean loss 0.624: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 11] accuracy: 0.848

[epoch 12] mean loss 0.601: 100%|██████████| 23/23 [00:15<00:00, 1.52it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 12] accuracy: 0.891

[epoch 13] mean loss 0.591: 100%|██████████| 23/23 [00:15<00:00, 1.52it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 13] accuracy: 0.87

[epoch 14] mean loss 0.545: 100%|██████████| 23/23 [00:14<00:00, 1.54it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 14] accuracy: 0.957

[epoch 15] mean loss 0.527: 100%|██████████| 23/23 [00:15<00:00, 1.53it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 15] accuracy: 0.598

[epoch 16] mean loss 0.49: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 16] accuracy: 0.913

[epoch 17] mean loss 0.493: 100%|██████████| 23/23 [00:15<00:00, 1.52it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 17] accuracy: 0.663

[epoch 18] mean loss 0.464: 100%|██████████| 23/23 [00:14<00:00, 1.55it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 18] accuracy: 0.739

[epoch 19] mean loss 0.455: 100%|██████████| 23/23 [00:14<00:00, 1.55it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 19] accuracy: 0.935

[epoch 20] mean loss 0.444: 100%|██████████| 23/23 [00:15<00:00, 1.52it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 20] accuracy: 0.761

[epoch 21] mean loss 0.404: 100%|██████████| 23/23 [00:14<00:00, 1.57it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 21] accuracy: 0.804

[epoch 22] mean loss 0.383: 100%|██████████| 23/23 [00:14<00:00, 1.55it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 22] accuracy: 0.88

[epoch 23] mean loss 0.37: 100%|██████████| 23/23 [00:14<00:00, 1.55it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 23] accuracy: 0.902

[epoch 24] mean loss 0.367: 100%|██████████| 23/23 [00:15<00:00, 1.51it/s]

100%|██████████| 6/6 [00:02<00:00, 2.00it/s]

[epoch 24] accuracy: 0.946

[epoch 25] mean loss 0.329: 100%|██████████| 23/23 [00:14<00:00, 1.54it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 25] accuracy: 0.87

[epoch 26] mean loss 0.34: 100%|██████████| 23/23 [00:15<00:00, 1.50it/s]

100%|██████████| 6/6 [00:03<00:00, 1.96it/s]

[epoch 26] accuracy: 0.957

[epoch 27] mean loss 0.297: 100%|██████████| 23/23 [00:14<00:00, 1.54it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 27] accuracy: 0.967

[epoch 28] mean loss 0.332: 100%|██████████| 23/23 [00:14<00:00, 1.54it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 28] accuracy: 0.848

[epoch 29] mean loss 0.31: 100%|██████████| 23/23 [00:14<00:00, 1.54it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 29] accuracy: 0.978

Process finished with exit code 0

Dnesenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test8\_densenet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data2', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.001, lrf=0.1, num\_classes=2, weights='densenet121.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

successfully load pretrain-weights.

[epoch 0] mean loss 0.676: 100%|██████████| 23/23 [00:28<00:00, 1.25s/it]

100%|██████████| 6/6 [00:04<00:00, 1.24it/s]

[epoch 0] accuracy: 0.652

[epoch 1] mean loss 0.528: 100%|██████████| 23/23 [00:18<00:00, 1.23it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 1] accuracy: 0.696

[epoch 2] mean loss 0.449: 100%|██████████| 23/23 [00:19<00:00, 1.18it/s]

100%|██████████| 6/6 [00:03<00:00, 1.88it/s]

[epoch 2] accuracy: 0.783

[epoch 3] mean loss 0.394: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.87it/s]

[epoch 3] accuracy: 0.902

[epoch 4] mean loss 0.359: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 4] accuracy: 0.935

[epoch 5] mean loss 0.335: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 5] accuracy: 0.728

[epoch 6] mean loss 0.252: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 6] accuracy: 0.891

[epoch 7] mean loss 0.286: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 7] accuracy: 0.935

[epoch 8] mean loss 0.268: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.84it/s]

[epoch 8] accuracy: 0.957

[epoch 9] mean loss 0.296: 100%|██████████| 23/23 [00:31<00:00, 1.35s/it]

100%|██████████| 6/6 [00:05<00:00, 1.02it/s]

[epoch 9] accuracy: 0.967

[epoch 10] mean loss 0.281: 100%|██████████| 23/23 [00:33<00:00, 1.44s/it]

100%|██████████| 6/6 [00:05<00:00, 1.08it/s]

[epoch 10] accuracy: 0.859

[epoch 11] mean loss 0.264: 100%|██████████| 23/23 [00:34<00:00, 1.49s/it]

100%|██████████| 6/6 [00:07<00:00, 1.26s/it]

[epoch 11] accuracy: 0.957

[epoch 12] mean loss 0.225: 100%|██████████| 23/23 [00:34<00:00, 1.52s/it]

100%|██████████| 6/6 [00:05<00:00, 1.03it/s]

[epoch 12] accuracy: 0.946

[epoch 13] mean loss 0.336: 100%|██████████| 23/23 [00:33<00:00, 1.45s/it]

100%|██████████| 6/6 [00:05<00:00, 1.03it/s]

[epoch 13] accuracy: 0.946

[epoch 14] mean loss 0.229: 100%|██████████| 23/23 [00:34<00:00, 1.51s/it]

100%|██████████| 6/6 [00:06<00:00, 1.01s/it]

[epoch 14] accuracy: 0.967

[epoch 15] mean loss 0.269: 100%|██████████| 23/23 [00:33<00:00, 1.44s/it]

100%|██████████| 6/6 [00:06<00:00, 1.00s/it]

[epoch 15] accuracy: 0.989

[epoch 16] mean loss 0.194: 100%|██████████| 23/23 [00:32<00:00, 1.41s/it]

100%|██████████| 6/6 [00:05<00:00, 1.06it/s]

[epoch 16] accuracy: 0.978

[epoch 17] mean loss 0.207: 100%|██████████| 23/23 [00:35<00:00, 1.54s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 17] accuracy: 0.967

[epoch 18] mean loss 0.199: 100%|██████████| 23/23 [00:33<00:00, 1.44s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 18] accuracy: 0.967

[epoch 19] mean loss 0.161: 100%|██████████| 23/23 [00:32<00:00, 1.39s/it]

100%|██████████| 6/6 [00:05<00:00, 1.03it/s]

[epoch 19] accuracy: 0.967

[epoch 20] mean loss 0.189: 100%|██████████| 23/23 [00:35<00:00, 1.52s/it]

100%|██████████| 6/6 [00:06<00:00, 1.05s/it]

[epoch 20] accuracy: 0.978

[epoch 21] mean loss 0.169: 100%|██████████| 23/23 [00:32<00:00, 1.43s/it]

100%|██████████| 6/6 [00:05<00:00, 1.02it/s]

[epoch 21] accuracy: 0.978

[epoch 22] mean loss 0.149: 100%|██████████| 23/23 [00:32<00:00, 1.39s/it]

100%|██████████| 6/6 [00:06<00:00, 1.02s/it]

[epoch 22] accuracy: 0.978

[epoch 23] mean loss 0.132: 100%|██████████| 23/23 [00:34<00:00, 1.49s/it]

100%|██████████| 6/6 [00:05<00:00, 1.01it/s]

[epoch 23] accuracy: 0.978

[epoch 24] mean loss 0.141: 100%|██████████| 23/23 [00:35<00:00, 1.56s/it]

100%|██████████| 6/6 [00:05<00:00, 1.08it/s]

[epoch 24] accuracy: 0.967

[epoch 25] mean loss 0.163: 100%|██████████| 23/23 [00:34<00:00, 1.48s/it]

100%|██████████| 6/6 [00:06<00:00, 1.06s/it]

[epoch 25] accuracy: 0.978

[epoch 26] mean loss 0.139: 100%|██████████| 23/23 [00:37<00:00, 1.61s/it]

100%|██████████| 6/6 [00:05<00:00, 1.06it/s]

[epoch 26] accuracy: 0.978

[epoch 27] mean loss 0.147: 100%|██████████| 23/23 [00:32<00:00, 1.43s/it]

100%|██████████| 6/6 [00:05<00:00, 1.10it/s]

[epoch 27] accuracy: 0.967

[epoch 28] mean loss 0.122: 100%|██████████| 23/23 [00:32<00:00, 1.43s/it]

100%|██████████| 6/6 [00:05<00:00, 1.04it/s]

[epoch 28] accuracy: 0.978

[epoch 29] mean loss 0.142: 100%|██████████| 23/23 [00:33<00:00, 1.47s/it]

100%|██████████| 6/6 [00:05<00:00, 1.08it/s]

[epoch 29] accuracy: 0.978

Process finished with exit code 0

Efficientnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test9\_efficientNet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data2', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.01, lrf=0.01, num\_classes=2, weights='./efficientnetb0.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['classifier.1.weight', 'classifier.1.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.642: 100%|██████████| 23/23 [00:44<00:00, 1.93s/it]

100%|██████████| 6/6 [00:07<00:00, 1.18s/it]

[epoch 0] accuracy: 0.696

[epoch 1] mean loss 0.518: 100%|██████████| 23/23 [00:31<00:00, 1.35s/it]

100%|██████████| 6/6 [00:05<00:00, 1.12it/s]

[epoch 1] accuracy: 0.522

[epoch 2] mean loss 0.481: 100%|██████████| 23/23 [00:29<00:00, 1.30s/it]

100%|██████████| 6/6 [00:05<00:00, 1.08it/s]

[epoch 2] accuracy: 0.783

[epoch 3] mean loss 0.443: 100%|██████████| 23/23 [00:30<00:00, 1.34s/it]

100%|██████████| 6/6 [00:05<00:00, 1.12it/s]

[epoch 3] accuracy: 0.5

[epoch 4] mean loss 0.42: 100%|██████████| 23/23 [00:30<00:00, 1.34s/it]

100%|██████████| 6/6 [00:05<00:00, 1.08it/s]

[epoch 4] accuracy: 0.902

[epoch 5] mean loss 0.378: 100%|██████████| 23/23 [00:31<00:00, 1.35s/it]

100%|██████████| 6/6 [00:05<00:00, 1.13it/s]

[epoch 5] accuracy: 0.457

[epoch 6] mean loss 0.332: 100%|██████████| 23/23 [00:29<00:00, 1.30s/it]

100%|██████████| 6/6 [00:05<00:00, 1.10it/s]

[epoch 6] accuracy: 0.576

[epoch 7] mean loss 0.273: 100%|██████████| 23/23 [00:30<00:00, 1.32s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 7] accuracy: 0.815

[epoch 8] mean loss 0.325: 100%|██████████| 23/23 [00:31<00:00, 1.38s/it]

100%|██████████| 6/6 [00:05<00:00, 1.02it/s]

[epoch 8] accuracy: 0.783

[epoch 9] mean loss 0.334: 100%|██████████| 23/23 [00:30<00:00, 1.31s/it]

100%|██████████| 6/6 [00:05<00:00, 1.05it/s]

[epoch 9] accuracy: 0.891

[epoch 10] mean loss 0.274: 100%|██████████| 23/23 [00:35<00:00, 1.54s/it]

100%|██████████| 6/6 [00:06<00:00, 1.06s/it]

[epoch 10] accuracy: 0.891

[epoch 11] mean loss 0.226: 100%|██████████| 23/23 [00:30<00:00, 1.32s/it]

100%|██████████| 6/6 [00:05<00:00, 1.15it/s]

[epoch 11] accuracy: 0.793

[epoch 12] mean loss 0.307: 100%|██████████| 23/23 [00:31<00:00, 1.39s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 12] accuracy: 0.935

[epoch 13] mean loss 0.222: 100%|██████████| 23/23 [00:32<00:00, 1.41s/it]

100%|██████████| 6/6 [00:05<00:00, 1.01it/s]

[epoch 13] accuracy: 0.913

[epoch 14] mean loss 0.224: 100%|██████████| 23/23 [00:32<00:00, 1.40s/it]

100%|██████████| 6/6 [00:05<00:00, 1.10it/s]

[epoch 14] accuracy: 0.913

[epoch 15] mean loss 0.237: 100%|██████████| 23/23 [00:31<00:00, 1.36s/it]

100%|██████████| 6/6 [00:06<00:00, 1.12s/it]

[epoch 15] accuracy: 0.924

[epoch 16] mean loss 0.164: 100%|██████████| 23/23 [00:33<00:00, 1.47s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 16] accuracy: 0.902

[epoch 17] mean loss 0.213: 100%|██████████| 23/23 [00:30<00:00, 1.33s/it]

100%|██████████| 6/6 [00:05<00:00, 1.10it/s]

[epoch 17] accuracy: 0.783

[epoch 18] mean loss 0.233: 100%|██████████| 23/23 [00:29<00:00, 1.28s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 18] accuracy: 0.435

[epoch 19] mean loss 0.176: 100%|██████████| 23/23 [00:29<00:00, 1.27s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 19] accuracy: 0.924

[epoch 20] mean loss 0.152: 100%|██████████| 23/23 [00:30<00:00, 1.33s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 20] accuracy: 0.946

[epoch 21] mean loss 0.19: 100%|██████████| 23/23 [00:31<00:00, 1.36s/it]

100%|██████████| 6/6 [00:06<00:00, 1.01s/it]

[epoch 21] accuracy: 0.946

[epoch 22] mean loss 0.149: 100%|██████████| 23/23 [00:29<00:00, 1.30s/it]

100%|██████████| 6/6 [00:05<00:00, 1.06it/s]

[epoch 22] accuracy: 0.924

[epoch 23] mean loss 0.184: 100%|██████████| 23/23 [00:30<00:00, 1.34s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 23] accuracy: 0.957

[epoch 24] mean loss 0.155: 100%|██████████| 23/23 [00:31<00:00, 1.38s/it]

100%|██████████| 6/6 [00:07<00:00, 1.18s/it]

[epoch 24] accuracy: 0.967

[epoch 25] mean loss 0.14: 100%|██████████| 23/23 [00:31<00:00, 1.37s/it]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 25] accuracy: 0.957

[epoch 26] mean loss 0.184: 100%|██████████| 23/23 [00:30<00:00, 1.31s/it]

100%|██████████| 6/6 [00:05<00:00, 1.06it/s]

[epoch 26] accuracy: 0.967

[epoch 27] mean loss 0.166: 100%|██████████| 23/23 [00:31<00:00, 1.35s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 27] accuracy: 0.967

[epoch 28] mean loss 0.159: 100%|██████████| 23/23 [00:33<00:00, 1.46s/it]

100%|██████████| 6/6 [00:05<00:00, 1.04it/s]

[epoch 28] accuracy: 0.967

[epoch 29] mean loss 0.157: 100%|██████████| 23/23 [00:29<00:00, 1.29s/it]

100%|██████████| 6/6 [00:05<00:00, 1.11it/s]

[epoch 29] accuracy: 0.957

Process finished with exit code 0

Regnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test10\_regnet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data2', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.001, lrf=0.01, model\_name='RegNetY\_400MF', num\_classes=2, weights='regnety\_400mf.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.fc.weight', 'head.fc.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.707: 100%|██████████| 23/23 [00:26<00:00, 1.16s/it]

100%|██████████| 6/6 [00:05<00:00, 1.17it/s]

[epoch 0] accuracy: 0.696

[epoch 1] mean loss 0.627: 100%|██████████| 23/23 [00:17<00:00, 1.29it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 1] accuracy: 0.793

[epoch 2] mean loss 0.599: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 2] accuracy: 0.641

[epoch 3] mean loss 0.55: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 3] accuracy: 0.793

[epoch 4] mean loss 0.497: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.97it/s]

[epoch 4] accuracy: 0.87

[epoch 5] mean loss 0.446: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:03<00:00, 1.66it/s]

[epoch 5] accuracy: 0.891

[epoch 6] mean loss 0.383: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.94it/s]

[epoch 6] accuracy: 0.913

[epoch 7] mean loss 0.414: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:03<00:00, 1.91it/s]

[epoch 7] accuracy: 0.935

[epoch 8] mean loss 0.376: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.95it/s]

[epoch 8] accuracy: 0.848

[epoch 9] mean loss 0.37: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 9] accuracy: 0.935

[epoch 10] mean loss 0.312: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 10] accuracy: 0.946

[epoch 11] mean loss 0.33: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.93it/s]

[epoch 11] accuracy: 0.924

[epoch 12] mean loss 0.291: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 12] accuracy: 0.924

[epoch 13] mean loss 0.291: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.91it/s]

[epoch 13] accuracy: 0.978

[epoch 14] mean loss 0.364: 100%|██████████| 23/23 [00:16<00:00, 1.35it/s]

100%|██████████| 6/6 [00:03<00:00, 1.90it/s]

[epoch 14] accuracy: 0.935

[epoch 15] mean loss 0.317: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.86it/s]

[epoch 15] accuracy: 0.967

[epoch 16] mean loss 0.31: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.91it/s]

[epoch 16] accuracy: 0.946

[epoch 17] mean loss 0.273: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.89it/s]

[epoch 17] accuracy: 0.978

[epoch 18] mean loss 0.282: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.81it/s]

[epoch 18] accuracy: 0.946

[epoch 19] mean loss 0.236: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.88it/s]

[epoch 19] accuracy: 0.967

[epoch 20] mean loss 0.271: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:03<00:00, 1.81it/s]

[epoch 20] accuracy: 0.967

[epoch 21] mean loss 0.251: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.80it/s]

[epoch 21] accuracy: 0.967

[epoch 22] mean loss 0.239: 100%|██████████| 23/23 [00:17<00:00, 1.33it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 22] accuracy: 0.967

[epoch 23] mean loss 0.26: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.78it/s]

[epoch 23] accuracy: 0.967

[epoch 24] mean loss 0.265: 100%|██████████| 23/23 [00:17<00:00, 1.34it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 24] accuracy: 0.978

[epoch 25] mean loss 0.24: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 25] accuracy: 0.978

[epoch 26] mean loss 0.259: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:03<00:00, 1.83it/s]

[epoch 26] accuracy: 0.978

[epoch 27] mean loss 0.295: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:03<00:00, 1.85it/s]

[epoch 27] accuracy: 0.978

[epoch 28] mean loss 0.268: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 1.82it/s]

[epoch 28] accuracy: 0.967

[epoch 29] mean loss 0.264: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:03<00:00, 1.85it/s]

[epoch 29] accuracy: 0.989

Process finished with exit code 0

Effiecientnet-v2

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test11\_efficientnetV2\train.py

Namespace(batch\_size=8, data\_path='../data\_set/handwriting/data2', device='cuda:0', epochs=30, freeze\_layers=True, lr=0.01, lrf=0.01, num\_classes=2, weights='./pre\_efficientnetv2-s.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.classifier.weight', 'head.classifier.bias'], unexpected\_keys=[])

training head.project\_conv.conv.weight

training head.project\_conv.bn.weight

training head.project\_conv.bn.bias

training head.classifier.weight

training head.classifier.bias

[train epoch 0] loss: 1.162, acc: 0.598: 100%|██████████| 46/46 [00:23<00:00, 1.95it/s]

[valid epoch 0] loss: 2.116, acc: 0.587: 100%|██████████| 12/12 [00:04<00:00, 2.58it/s]

[train epoch 1] loss: 1.685, acc: 0.614: 100%|██████████| 46/46 [00:15<00:00, 2.91it/s]

[valid epoch 1] loss: 0.687, acc: 0.815: 100%|██████████| 12/12 [00:03<00:00, 3.74it/s]

[train epoch 2] loss: 1.488, acc: 0.666: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 2] loss: 0.530, acc: 0.848: 100%|██████████| 12/12 [00:03<00:00, 3.70it/s]

[train epoch 3] loss: 1.710, acc: 0.644: 100%|██████████| 46/46 [00:15<00:00, 2.98it/s]

[valid epoch 3] loss: 2.709, acc: 0.598: 100%|██████████| 12/12 [00:03<00:00, 3.75it/s]

[train epoch 4] loss: 1.900, acc: 0.663: 100%|██████████| 46/46 [00:15<00:00, 3.02it/s]

[valid epoch 4] loss: 0.828, acc: 0.783: 100%|██████████| 12/12 [00:03<00:00, 3.67it/s]

[train epoch 5] loss: 2.005, acc: 0.671: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 5] loss: 1.051, acc: 0.793: 100%|██████████| 12/12 [00:03<00:00, 3.66it/s]

[train epoch 6] loss: 2.137, acc: 0.655: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 6] loss: 0.558, acc: 0.804: 100%|██████████| 12/12 [00:03<00:00, 3.68it/s]

[train epoch 7] loss: 1.899, acc: 0.663: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 7] loss: 0.328, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.71it/s]

[train epoch 8] loss: 1.816, acc: 0.674: 100%|██████████| 46/46 [00:15<00:00, 2.94it/s]

[valid epoch 8] loss: 0.577, acc: 0.848: 100%|██████████| 12/12 [00:03<00:00, 3.67it/s]

[train epoch 9] loss: 1.577, acc: 0.707: 100%|██████████| 46/46 [00:15<00:00, 2.93it/s]

[valid epoch 9] loss: 0.715, acc: 0.750: 100%|██████████| 12/12 [00:03<00:00, 3.65it/s]

[train epoch 10] loss: 1.505, acc: 0.734: 100%|██████████| 46/46 [00:15<00:00, 2.94it/s]

[valid epoch 10] loss: 0.350, acc: 0.859: 100%|██████████| 12/12 [00:03<00:00, 3.52it/s]

[train epoch 11] loss: 1.669, acc: 0.690: 100%|██████████| 46/46 [00:15<00:00, 2.96it/s]

[valid epoch 11] loss: 0.419, acc: 0.859: 100%|██████████| 12/12 [00:03<00:00, 3.42it/s]

[train epoch 12] loss: 1.088, acc: 0.712: 100%|██████████| 46/46 [00:16<00:00, 2.81it/s]

[valid epoch 12] loss: 0.312, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.49it/s]

[train epoch 13] loss: 1.187, acc: 0.679: 100%|██████████| 46/46 [00:15<00:00, 2.89it/s]

[valid epoch 13] loss: 0.324, acc: 0.902: 100%|██████████| 12/12 [00:03<00:00, 3.46it/s]

[train epoch 14] loss: 0.840, acc: 0.761: 100%|██████████| 46/46 [00:15<00:00, 2.88it/s]

[valid epoch 14] loss: 0.292, acc: 0.902: 100%|██████████| 12/12 [00:03<00:00, 3.53it/s]

[train epoch 15] loss: 1.418, acc: 0.690: 100%|██████████| 46/46 [00:15<00:00, 2.89it/s]

[valid epoch 15] loss: 0.410, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.56it/s]

[train epoch 16] loss: 1.006, acc: 0.726: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 16] loss: 0.358, acc: 0.880: 100%|██████████| 12/12 [00:03<00:00, 3.60it/s]

[train epoch 17] loss: 0.834, acc: 0.731: 100%|██████████| 46/46 [00:15<00:00, 2.98it/s]

[valid epoch 17] loss: 0.312, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.60it/s]

[train epoch 18] loss: 0.897, acc: 0.720: 100%|██████████| 46/46 [00:15<00:00, 2.95it/s]

[valid epoch 18] loss: 0.269, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.65it/s]

[train epoch 19] loss: 0.694, acc: 0.783: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 19] loss: 0.654, acc: 0.804: 100%|██████████| 12/12 [00:03<00:00, 3.62it/s]

[train epoch 20] loss: 0.691, acc: 0.788: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 20] loss: 0.309, acc: 0.880: 100%|██████████| 12/12 [00:03<00:00, 3.57it/s]

[train epoch 21] loss: 0.669, acc: 0.772: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 21] loss: 0.311, acc: 0.880: 100%|██████████| 12/12 [00:03<00:00, 3.45it/s]

[train epoch 22] loss: 0.579, acc: 0.796: 100%|██████████| 46/46 [00:15<00:00, 2.98it/s]

[valid epoch 22] loss: 0.385, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.57it/s]

[train epoch 23] loss: 0.619, acc: 0.783: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 23] loss: 0.278, acc: 0.891: 100%|██████████| 12/12 [00:03<00:00, 3.59it/s]

[train epoch 24] loss: 0.586, acc: 0.785: 100%|██████████| 46/46 [00:15<00:00, 2.94it/s]

[valid epoch 24] loss: 0.236, acc: 0.880: 100%|██████████| 12/12 [00:03<00:00, 3.49it/s]

[train epoch 25] loss: 0.587, acc: 0.764: 100%|██████████| 46/46 [00:15<00:00, 2.95it/s]

[valid epoch 25] loss: 0.259, acc: 0.891: 100%|██████████| 12/12 [00:03<00:00, 3.51it/s]

[train epoch 26] loss: 0.615, acc: 0.772: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 26] loss: 0.239, acc: 0.913: 100%|██████████| 12/12 [00:03<00:00, 3.49it/s]

[train epoch 27] loss: 0.531, acc: 0.793: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 27] loss: 0.266, acc: 0.902: 100%|██████████| 12/12 [00:03<00:00, 3.52it/s]

[train epoch 28] loss: 0.546, acc: 0.791: 100%|██████████| 46/46 [00:15<00:00, 2.97it/s]

[valid epoch 28] loss: 0.307, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.45it/s]

[train epoch 29] loss: 0.573, acc: 0.796: 100%|██████████| 46/46 [00:15<00:00, 2.98it/s]

[valid epoch 29] loss: 0.311, acc: 0.891: 100%|██████████| 12/12 [00:03<00:00, 3.52it/s]

Process finished with exit code 0

Swin-transformer

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\swin\_transformer\train.py

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.weight', 'head.bias'], unexpected\_keys=['layers.0.blocks.1.attn\_mask', 'layers.1.blocks.1.attn\_mask', 'layers.2.blocks.1.attn\_mask', 'layers.2.blocks.3.attn\_mask', 'layers.2.blocks.5.attn\_mask'])

[train epoch 0] loss: 0.681, acc: 0.582: 100%|██████████| 46/46 [00:24<00:00, 1.91it/s]

[valid epoch 0] loss: 0.635, acc: 0.576: 100%|██████████| 12/12 [00:04<00:00, 2.51it/s]

[train epoch 1] loss: 0.545, acc: 0.715: 100%|██████████| 46/46 [00:16<00:00, 2.76it/s]

[valid epoch 1] loss: 0.460, acc: 0.848: 100%|██████████| 12/12 [00:03<00:00, 3.56it/s]

[train epoch 2] loss: 0.472, acc: 0.734: 100%|██████████| 46/46 [00:17<00:00, 2.68it/s]

[valid epoch 2] loss: 0.294, acc: 0.870: 100%|██████████| 12/12 [00:03<00:00, 3.61it/s]

[train epoch 3] loss: 0.526, acc: 0.731: 100%|██████████| 46/46 [00:16<00:00, 2.75it/s]

[valid epoch 3] loss: 0.296, acc: 0.848: 100%|██████████| 12/12 [00:03<00:00, 3.53it/s]

[train epoch 4] loss: 0.414, acc: 0.832: 100%|██████████| 46/46 [00:16<00:00, 2.71it/s]

[valid epoch 4] loss: 0.272, acc: 0.946: 100%|██████████| 12/12 [00:03<00:00, 3.47it/s]

[train epoch 5] loss: 0.333, acc: 0.859: 100%|██████████| 46/46 [00:17<00:00, 2.66it/s]

[valid epoch 5] loss: 0.203, acc: 0.891: 100%|██████████| 12/12 [00:03<00:00, 3.50it/s]

[train epoch 6] loss: 0.408, acc: 0.804: 100%|██████████| 46/46 [00:16<00:00, 2.74it/s]

[valid epoch 6] loss: 0.199, acc: 0.924: 100%|██████████| 12/12 [00:03<00:00, 3.51it/s]

[train epoch 7] loss: 0.352, acc: 0.818: 100%|██████████| 46/46 [00:16<00:00, 2.71it/s]

[valid epoch 7] loss: 0.262, acc: 0.880: 100%|██████████| 12/12 [00:04<00:00, 2.98it/s]

[train epoch 8] loss: 0.376, acc: 0.818: 100%|██████████| 46/46 [00:17<00:00, 2.65it/s]

[valid epoch 8] loss: 0.200, acc: 0.913: 100%|██████████| 12/12 [00:04<00:00, 2.67it/s]

[train epoch 9] loss: 0.275, acc: 0.886: 100%|██████████| 46/46 [00:16<00:00, 2.72it/s]

[valid epoch 9] loss: 0.163, acc: 0.924: 100%|██████████| 12/12 [00:04<00:00, 2.76it/s]

Process finished with exit code 0

T3-F3

Swin-transformer

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\swin\_transformer\train.py

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.weight', 'head.bias'], unexpected\_keys=['layers.0.blocks.1.attn\_mask', 'layers.1.blocks.1.attn\_mask', 'layers.2.blocks.1.attn\_mask', 'layers.2.blocks.3.attn\_mask', 'layers.2.blocks.5.attn\_mask'])

[train epoch 0] loss: 0.664, acc: 0.587: 100%|██████████| 46/46 [00:23<00:00, 1.94it/s]

[valid epoch 0] loss: 0.561, acc: 0.793: 100%|██████████| 12/12 [00:04<00:00, 2.87it/s]

[train epoch 1] loss: 0.522, acc: 0.690: 100%|██████████| 46/46 [00:16<00:00, 2.72it/s]

[valid epoch 1] loss: 0.411, acc: 0.739: 100%|██████████| 12/12 [00:03<00:00, 3.88it/s]

[train epoch 2] loss: 0.485, acc: 0.758: 100%|██████████| 46/46 [00:16<00:00, 2.78it/s]

[valid epoch 2] loss: 0.276, acc: 0.924: 100%|██████████| 12/12 [00:03<00:00, 3.92it/s]

[train epoch 3] loss: 0.439, acc: 0.785: 100%|██████████| 46/46 [00:16<00:00, 2.76it/s]

[valid epoch 3] loss: 0.383, acc: 0.783: 100%|██████████| 12/12 [00:03<00:00, 3.87it/s]

[train epoch 4] loss: 0.400, acc: 0.812: 100%|██████████| 46/46 [00:16<00:00, 2.71it/s]

[valid epoch 4] loss: 0.369, acc: 0.902: 100%|██████████| 12/12 [00:03<00:00, 3.81it/s]

[train epoch 5] loss: 0.408, acc: 0.818: 100%|██████████| 46/46 [00:16<00:00, 2.74it/s]

[valid epoch 5] loss: 0.297, acc: 0.924: 100%|██████████| 12/12 [00:03<00:00, 3.56it/s]

[train epoch 6] loss: 0.344, acc: 0.859: 100%|██████████| 46/46 [00:16<00:00, 2.73it/s]

[valid epoch 6] loss: 0.245, acc: 0.946: 100%|██████████| 12/12 [00:03<00:00, 3.66it/s]

[train epoch 7] loss: 0.258, acc: 0.897: 100%|██████████| 46/46 [00:16<00:00, 2.72it/s]

[valid epoch 7] loss: 0.168, acc: 0.946: 100%|██████████| 12/12 [00:04<00:00, 2.69it/s]

[train epoch 8] loss: 0.325, acc: 0.821: 100%|██████████| 46/46 [00:17<00:00, 2.70it/s]

[valid epoch 8] loss: 0.508, acc: 0.674: 100%|██████████| 12/12 [00:04<00:00, 2.75it/s]

[train epoch 9] loss: 0.297, acc: 0.859: 100%|██████████| 46/46 [00:16<00:00, 2.73it/s]

[valid epoch 9] loss: 0.175, acc: 0.957: 100%|██████████| 12/12 [00:03<00:00, 3.13it/s]

Process finished with exit code 0

Efficientnet-v2

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test11\_efficientnetV2\train.py

Namespace(batch\_size=8, data\_path='../data\_set/handwriting/data3', device='cuda:0', epochs=30, freeze\_layers=True, lr=0.01, lrf=0.01, num\_classes=2, weights='./pre\_efficientnetv2-s.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.classifier.weight', 'head.classifier.bias'], unexpected\_keys=[])

training head.project\_conv.conv.weight

training head.project\_conv.bn.weight

training head.project\_conv.bn.bias

training head.classifier.weight

training head.classifier.bias

[train epoch 0] loss: 1.198, acc: 0.622: 100%|██████████| 46/46 [00:21<00:00, 2.13it/s]

[valid epoch 0] loss: 0.905, acc: 0.696: 100%|██████████| 12/12 [00:04<00:00, 2.68it/s]

[train epoch 1] loss: 1.791, acc: 0.609: 100%|██████████| 46/46 [00:15<00:00, 2.97it/s]

[valid epoch 1] loss: 1.163, acc: 0.728: 100%|██████████| 12/12 [00:03<00:00, 3.71it/s]

[train epoch 2] loss: 2.305, acc: 0.584: 100%|██████████| 46/46 [00:15<00:00, 2.95it/s]

[valid epoch 2] loss: 1.077, acc: 0.793: 100%|██████████| 12/12 [00:03<00:00, 3.71it/s]

[train epoch 3] loss: 1.705, acc: 0.712: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 3] loss: 1.641, acc: 0.761: 100%|██████████| 12/12 [00:03<00:00, 3.76it/s]

[train epoch 4] loss: 1.587, acc: 0.696: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 4] loss: 1.081, acc: 0.793: 100%|██████████| 12/12 [00:03<00:00, 3.61it/s]

[train epoch 5] loss: 1.881, acc: 0.679: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 5] loss: 1.677, acc: 0.696: 100%|██████████| 12/12 [00:03<00:00, 3.54it/s]

[train epoch 6] loss: 1.896, acc: 0.693: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 6] loss: 0.759, acc: 0.815: 100%|██████████| 12/12 [00:04<00:00, 2.74it/s]

[train epoch 7] loss: 1.254, acc: 0.698: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 7] loss: 1.048, acc: 0.761: 100%|██████████| 12/12 [00:04<00:00, 2.48it/s]

[train epoch 8] loss: 1.079, acc: 0.734: 100%|██████████| 46/46 [00:15<00:00, 2.95it/s]

[valid epoch 8] loss: 0.563, acc: 0.870: 100%|██████████| 12/12 [00:04<00:00, 2.63it/s]

[train epoch 9] loss: 1.505, acc: 0.685: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 9] loss: 0.824, acc: 0.739: 100%|██████████| 12/12 [00:04<00:00, 2.82it/s]

[train epoch 10] loss: 1.136, acc: 0.731: 100%|██████████| 46/46 [00:15<00:00, 3.03it/s]

[valid epoch 10] loss: 0.446, acc: 0.837: 100%|██████████| 12/12 [00:04<00:00, 2.85it/s]

[train epoch 11] loss: 1.122, acc: 0.758: 100%|██████████| 46/46 [00:15<00:00, 3.04it/s]

[valid epoch 11] loss: 0.649, acc: 0.804: 100%|██████████| 12/12 [00:04<00:00, 2.90it/s]

[train epoch 12] loss: 1.465, acc: 0.688: 100%|██████████| 46/46 [00:15<00:00, 2.89it/s]

[valid epoch 12] loss: 0.728, acc: 0.783: 100%|██████████| 12/12 [00:04<00:00, 2.62it/s]

[train epoch 13] loss: 1.422, acc: 0.698: 100%|██████████| 46/46 [00:15<00:00, 3.02it/s]

[valid epoch 13] loss: 1.018, acc: 0.707: 100%|██████████| 12/12 [00:04<00:00, 2.92it/s]

[train epoch 14] loss: 1.347, acc: 0.715: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 14] loss: 0.595, acc: 0.793: 100%|██████████| 12/12 [00:04<00:00, 2.72it/s]

[train epoch 15] loss: 0.973, acc: 0.739: 100%|██████████| 46/46 [00:15<00:00, 3.00it/s]

[valid epoch 15] loss: 1.241, acc: 0.717: 100%|██████████| 12/12 [00:04<00:00, 2.85it/s]

[train epoch 16] loss: 0.819, acc: 0.766: 100%|██████████| 46/46 [00:15<00:00, 3.05it/s]

[valid epoch 16] loss: 0.472, acc: 0.848: 100%|██████████| 12/12 [00:04<00:00, 2.58it/s]

[train epoch 17] loss: 0.962, acc: 0.736: 100%|██████████| 46/46 [00:15<00:00, 3.04it/s]

[valid epoch 17] loss: 0.338, acc: 0.891: 100%|██████████| 12/12 [00:04<00:00, 2.73it/s]

[train epoch 18] loss: 0.806, acc: 0.739: 100%|██████████| 46/46 [00:15<00:00, 2.98it/s]

[valid epoch 18] loss: 0.366, acc: 0.859: 100%|██████████| 12/12 [00:04<00:00, 2.84it/s]

[train epoch 19] loss: 0.690, acc: 0.764: 100%|██████████| 46/46 [00:15<00:00, 3.03it/s]

[valid epoch 19] loss: 0.453, acc: 0.870: 100%|██████████| 12/12 [00:04<00:00, 2.90it/s]

[train epoch 20] loss: 0.618, acc: 0.791: 100%|██████████| 46/46 [00:15<00:00, 3.02it/s]

[valid epoch 20] loss: 0.497, acc: 0.826: 100%|██████████| 12/12 [00:04<00:00, 2.86it/s]

[train epoch 21] loss: 0.642, acc: 0.777: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 21] loss: 0.439, acc: 0.793: 100%|██████████| 12/12 [00:04<00:00, 2.87it/s]

[train epoch 22] loss: 0.650, acc: 0.772: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 22] loss: 0.469, acc: 0.848: 100%|██████████| 12/12 [00:04<00:00, 2.74it/s]

[train epoch 23] loss: 0.574, acc: 0.780: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 23] loss: 0.409, acc: 0.804: 100%|██████████| 12/12 [00:04<00:00, 2.83it/s]

[train epoch 24] loss: 0.653, acc: 0.745: 100%|██████████| 46/46 [00:15<00:00, 2.96it/s]

[valid epoch 24] loss: 0.457, acc: 0.837: 100%|██████████| 12/12 [00:04<00:00, 2.82it/s]

[train epoch 25] loss: 0.611, acc: 0.758: 100%|██████████| 46/46 [00:15<00:00, 3.05it/s]

[valid epoch 25] loss: 0.427, acc: 0.837: 100%|██████████| 12/12 [00:04<00:00, 2.91it/s]

[train epoch 26] loss: 0.576, acc: 0.769: 100%|██████████| 46/46 [00:15<00:00, 3.05it/s]

[valid epoch 26] loss: 0.449, acc: 0.848: 100%|██████████| 12/12 [00:04<00:00, 2.92it/s]

[train epoch 27] loss: 0.560, acc: 0.791: 100%|██████████| 46/46 [00:15<00:00, 3.01it/s]

[valid epoch 27] loss: 0.384, acc: 0.826: 100%|██████████| 12/12 [00:03<00:00, 3.03it/s]

[train epoch 28] loss: 0.539, acc: 0.758: 100%|██████████| 46/46 [00:15<00:00, 2.99it/s]

[valid epoch 28] loss: 0.420, acc: 0.837: 100%|██████████| 12/12 [00:04<00:00, 2.81it/s]

[train epoch 29] loss: 0.496, acc: 0.788: 100%|██████████| 46/46 [00:15<00:00, 2.95it/s]

[valid epoch 29] loss: 0.408, acc: 0.848: 100%|██████████| 12/12 [00:04<00:00, 2.83it/s]

Process finished with exit code 0

Regnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test10\_regnet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data3', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.001, lrf=0.01, model\_name='RegNetY\_400MF', num\_classes=2, weights='regnety\_400mf.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['head.fc.weight', 'head.fc.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.68: 100%|██████████| 23/23 [00:22<00:00, 1.01it/s]

100%|██████████| 6/6 [00:04<00:00, 1.28it/s]

[epoch 0] accuracy: 0.543

[epoch 1] mean loss 0.63: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 1] accuracy: 0.739

[epoch 2] mean loss 0.573: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.92it/s]

[epoch 2] accuracy: 0.793

[epoch 3] mean loss 0.576: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:02<00:00, 2.07it/s]

[epoch 3] accuracy: 0.826

[epoch 4] mean loss 0.473: 100%|██████████| 23/23 [00:15<00:00, 1.50it/s]

100%|██████████| 6/6 [00:02<00:00, 2.01it/s]

[epoch 4] accuracy: 0.87

[epoch 5] mean loss 0.457: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:02<00:00, 2.06it/s]

[epoch 5] accuracy: 0.75

[epoch 6] mean loss 0.424: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:02<00:00, 2.03it/s]

[epoch 6] accuracy: 0.902

[epoch 7] mean loss 0.391: 100%|██████████| 23/23 [00:15<00:00, 1.50it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 7] accuracy: 0.891

[epoch 8] mean loss 0.376: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.52it/s]

[epoch 8] accuracy: 0.815

[epoch 9] mean loss 0.409: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:03<00:00, 1.56it/s]

[epoch 9] accuracy: 0.859

[epoch 10] mean loss 0.387: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.58it/s]

[epoch 10] accuracy: 0.924

[epoch 11] mean loss 0.342: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:04<00:00, 1.42it/s]

[epoch 11] accuracy: 0.913

[epoch 12] mean loss 0.317: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.55it/s]

[epoch 12] accuracy: 0.946

[epoch 13] mean loss 0.249: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.54it/s]

[epoch 13] accuracy: 0.935

[epoch 14] mean loss 0.291: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.54it/s]

[epoch 14] accuracy: 0.957

[epoch 15] mean loss 0.241: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.56it/s]

[epoch 15] accuracy: 0.957

[epoch 16] mean loss 0.263: 100%|██████████| 23/23 [00:15<00:00, 1.50it/s]

100%|██████████| 6/6 [00:03<00:00, 1.58it/s]

[epoch 16] accuracy: 0.935

[epoch 17] mean loss 0.279: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.57it/s]

[epoch 17] accuracy: 0.946

[epoch 18] mean loss 0.201: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.51it/s]

[epoch 18] accuracy: 0.946

[epoch 19] mean loss 0.257: 100%|██████████| 23/23 [00:15<00:00, 1.48it/s]

100%|██████████| 6/6 [00:03<00:00, 1.56it/s]

[epoch 19] accuracy: 0.946

[epoch 20] mean loss 0.236: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.63it/s]

[epoch 20] accuracy: 0.957

[epoch 21] mean loss 0.225: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:04<00:00, 1.23it/s]

[epoch 21] accuracy: 0.935

[epoch 22] mean loss 0.242: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.56it/s]

[epoch 22] accuracy: 0.967

[epoch 23] mean loss 0.217: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:03<00:00, 1.56it/s]

[epoch 23] accuracy: 0.957

[epoch 24] mean loss 0.228: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:04<00:00, 1.48it/s]

[epoch 24] accuracy: 0.967

[epoch 25] mean loss 0.262: 100%|██████████| 23/23 [00:15<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.43it/s]

[epoch 25] accuracy: 0.967

[epoch 26] mean loss 0.211: 100%|██████████| 23/23 [00:16<00:00, 1.38it/s]

100%|██████████| 6/6 [00:04<00:00, 1.23it/s]

[epoch 26] accuracy: 0.967

[epoch 27] mean loss 0.207: 100%|██████████| 23/23 [00:18<00:00, 1.27it/s]

100%|██████████| 6/6 [00:04<00:00, 1.27it/s]

[epoch 27] accuracy: 0.967

[epoch 28] mean loss 0.202: 100%|██████████| 23/23 [00:15<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.32it/s]

[epoch 28] accuracy: 0.967

[epoch 29] mean loss 0.189: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:04<00:00, 1.33it/s]

[epoch 29] accuracy: 0.967

Process finished with exit code 0

Efficientnet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test9\_efficientNet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data3', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.01, lrf=0.01, num\_classes=2, weights='./efficientnetb0.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

\_IncompatibleKeys(missing\_keys=['classifier.1.weight', 'classifier.1.bias'], unexpected\_keys=[])

[epoch 0] mean loss 0.659: 100%|██████████| 23/23 [00:24<00:00, 1.05s/it]

100%|██████████| 6/6 [00:05<00:00, 1.14it/s]

[epoch 0] accuracy: 0.728

[epoch 1] mean loss 0.591: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:03<00:00, 2.00it/s]

[epoch 1] accuracy: 0.75

[epoch 2] mean loss 0.511: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:02<00:00, 2.03it/s]

[epoch 2] accuracy: 0.793

[epoch 3] mean loss 0.432: 100%|██████████| 23/23 [00:15<00:00, 1.49it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 3] accuracy: 0.761

[epoch 4] mean loss 0.335: 100%|██████████| 23/23 [00:15<00:00, 1.46it/s]

100%|██████████| 6/6 [00:02<00:00, 2.04it/s]

[epoch 4] accuracy: 0.5

[epoch 5] mean loss 0.321: 100%|██████████| 23/23 [00:15<00:00, 1.47it/s]

100%|██████████| 6/6 [00:03<00:00, 1.98it/s]

[epoch 5] accuracy: 0.848

[epoch 6] mean loss 0.303: 100%|██████████| 23/23 [00:15<00:00, 1.44it/s]

100%|██████████| 6/6 [00:03<00:00, 1.99it/s]

[epoch 6] accuracy: 0.793

[epoch 7] mean loss 0.305: 100%|██████████| 23/23 [00:16<00:00, 1.41it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 7] accuracy: 0.772

[epoch 8] mean loss 0.285: 100%|██████████| 23/23 [00:16<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.45it/s]

[epoch 8] accuracy: 0.5

[epoch 9] mean loss 0.198: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:04<00:00, 1.43it/s]

[epoch 9] accuracy: 0.924

[epoch 10] mean loss 0.185: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:04<00:00, 1.41it/s]

[epoch 10] accuracy: 0.924

[epoch 11] mean loss 0.196: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:04<00:00, 1.42it/s]

[epoch 11] accuracy: 0.87

[epoch 12] mean loss 0.246: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:04<00:00, 1.40it/s]

[epoch 12] accuracy: 0.685

[epoch 13] mean loss 0.224: 100%|██████████| 23/23 [00:16<00:00, 1.42it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 13] accuracy: 0.913

[epoch 14] mean loss 0.18: 100%|██████████| 23/23 [00:15<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.36it/s]

[epoch 14] accuracy: 0.967

[epoch 15] mean loss 0.182: 100%|██████████| 23/23 [00:16<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.35it/s]

[epoch 15] accuracy: 0.891

[epoch 16] mean loss 0.166: 100%|██████████| 23/23 [00:15<00:00, 1.45it/s]

100%|██████████| 6/6 [00:04<00:00, 1.42it/s]

[epoch 16] accuracy: 0.935

[epoch 17] mean loss 0.19: 100%|██████████| 23/23 [00:15<00:00, 1.44it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 17] accuracy: 0.946

[epoch 18] mean loss 0.127: 100%|██████████| 23/23 [00:16<00:00, 1.43it/s]

100%|██████████| 6/6 [00:04<00:00, 1.40it/s]

[epoch 18] accuracy: 0.902

[epoch 19] mean loss 0.123: 100%|██████████| 23/23 [00:16<00:00, 1.40it/s]

100%|██████████| 6/6 [00:05<00:00, 1.09it/s]

[epoch 19] accuracy: 0.967

[epoch 20] mean loss 0.156: 100%|██████████| 23/23 [00:24<00:00, 1.06s/it]

100%|██████████| 6/6 [00:05<00:00, 1.07it/s]

[epoch 20] accuracy: 0.967

[epoch 21] mean loss 0.168: 100%|██████████| 23/23 [00:18<00:00, 1.25it/s]

100%|██████████| 6/6 [00:04<00:00, 1.28it/s]

[epoch 21] accuracy: 0.946

[epoch 22] mean loss 0.13: 100%|██████████| 23/23 [00:16<00:00, 1.36it/s]

100%|██████████| 6/6 [00:04<00:00, 1.28it/s]

[epoch 22] accuracy: 0.946

[epoch 23] mean loss 0.122: 100%|██████████| 23/23 [00:16<00:00, 1.39it/s]

100%|██████████| 6/6 [00:04<00:00, 1.27it/s]

[epoch 23] accuracy: 0.967

[epoch 24] mean loss 0.171: 100%|██████████| 23/23 [00:17<00:00, 1.35it/s]

100%|██████████| 6/6 [00:04<00:00, 1.27it/s]

[epoch 24] accuracy: 0.967

[epoch 25] mean loss 0.152: 100%|██████████| 23/23 [00:17<00:00, 1.28it/s]

100%|██████████| 6/6 [00:05<00:00, 1.00it/s]

[epoch 25] accuracy: 0.957

[epoch 26] mean loss 0.133: 100%|██████████| 23/23 [00:20<00:00, 1.13it/s]

100%|██████████| 6/6 [00:05<00:00, 1.15it/s]

[epoch 26] accuracy: 0.957

[epoch 27] mean loss 0.099: 100%|██████████| 23/23 [00:18<00:00, 1.27it/s]

100%|██████████| 6/6 [00:05<00:00, 1.18it/s]

[epoch 27] accuracy: 0.957

[epoch 28] mean loss 0.157: 100%|██████████| 23/23 [00:17<00:00, 1.31it/s]

100%|██████████| 6/6 [00:04<00:00, 1.27it/s]

[epoch 28] accuracy: 0.957

[epoch 29] mean loss 0.105: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:04<00:00, 1.26it/s]

[epoch 29] accuracy: 0.957

Process finished with exit code 0

Densenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test8\_densenet\train.py

Namespace(batch\_size=16, data\_path='../data\_set/handwriting/data3', device='cuda:0', epochs=30, freeze\_layers=False, lr=0.001, lrf=0.1, num\_classes=2, weights='densenet121.pth')

Start Tensorboard with "tensorboard --logdir=runs", view at http://localhost:6006/

460 images were found in the dataset.

368 images for training.

92 images for validation.

Using 8 dataloader workers every process

successfully load pretrain-weights.

[epoch 0] mean loss 0.654: 100%|██████████| 23/23 [00:33<00:00, 1.47s/it]

100%|██████████| 6/6 [00:07<00:00, 1.17s/it]

[epoch 0] accuracy: 0.739

[epoch 1] mean loss 0.538: 100%|██████████| 23/23 [00:23<00:00, 1.02s/it]

100%|██████████| 6/6 [00:04<00:00, 1.27it/s]

[epoch 1] accuracy: 0.859

[epoch 2] mean loss 0.468: 100%|██████████| 23/23 [00:23<00:00, 1.01s/it]

100%|██████████| 6/6 [00:06<00:00, 1.08s/it]

[epoch 2] accuracy: 0.87

[epoch 3] mean loss 0.414: 100%|██████████| 23/23 [00:22<00:00, 1.02it/s]

100%|██████████| 6/6 [00:05<00:00, 1.06it/s]

[epoch 3] accuracy: 0.935

[epoch 4] mean loss 0.282: 100%|██████████| 23/23 [00:19<00:00, 1.16it/s]

100%|██████████| 6/6 [00:04<00:00, 1.32it/s]

[epoch 4] accuracy: 0.902

[epoch 5] mean loss 0.277: 100%|██████████| 23/23 [00:20<00:00, 1.15it/s]

100%|██████████| 6/6 [00:04<00:00, 1.36it/s]

[epoch 5] accuracy: 0.837

[epoch 6] mean loss 0.259: 100%|██████████| 23/23 [00:20<00:00, 1.14it/s]

100%|██████████| 6/6 [00:04<00:00, 1.25it/s]

[epoch 6] accuracy: 0.924

[epoch 7] mean loss 0.272: 100%|██████████| 23/23 [00:20<00:00, 1.13it/s]

100%|██████████| 6/6 [00:04<00:00, 1.25it/s]

[epoch 7] accuracy: 0.663

[epoch 8] mean loss 0.259: 100%|██████████| 23/23 [00:19<00:00, 1.17it/s]

100%|██████████| 6/6 [00:04<00:00, 1.35it/s]

[epoch 8] accuracy: 0.935

[epoch 9] mean loss 0.223: 100%|██████████| 23/23 [00:20<00:00, 1.12it/s]

100%|██████████| 6/6 [00:04<00:00, 1.39it/s]

[epoch 9] accuracy: 0.891

[epoch 10] mean loss 0.192: 100%|██████████| 23/23 [00:19<00:00, 1.21it/s]

100%|██████████| 6/6 [00:04<00:00, 1.29it/s]

[epoch 10] accuracy: 0.772

[epoch 11] mean loss 0.255: 100%|██████████| 23/23 [00:21<00:00, 1.08it/s]

100%|██████████| 6/6 [00:04<00:00, 1.47it/s]

[epoch 11] accuracy: 0.924

[epoch 12] mean loss 0.208: 100%|██████████| 23/23 [00:17<00:00, 1.32it/s]

100%|██████████| 6/6 [00:03<00:00, 1.50it/s]

[epoch 12] accuracy: 0.924

[epoch 13] mean loss 0.192: 100%|██████████| 23/23 [00:17<00:00, 1.31it/s]

100%|██████████| 6/6 [00:04<00:00, 1.29it/s]

[epoch 13] accuracy: 0.924

[epoch 14] mean loss 0.158: 100%|██████████| 23/23 [00:18<00:00, 1.25it/s]

100%|██████████| 6/6 [00:04<00:00, 1.46it/s]

[epoch 14] accuracy: 0.902

[epoch 15] mean loss 0.12: 100%|██████████| 23/23 [00:21<00:00, 1.05it/s]

100%|██████████| 6/6 [00:05<00:00, 1.18it/s]

[epoch 15] accuracy: 0.935

[epoch 16] mean loss 0.171: 100%|██████████| 23/23 [00:18<00:00, 1.23it/s]

100%|██████████| 6/6 [00:04<00:00, 1.37it/s]

[epoch 16] accuracy: 0.935

[epoch 17] mean loss 0.142: 100%|██████████| 23/23 [00:18<00:00, 1.22it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 17] accuracy: 0.913

[epoch 18] mean loss 0.16: 100%|██████████| 23/23 [00:18<00:00, 1.24it/s]

100%|██████████| 6/6 [00:04<00:00, 1.37it/s]

[epoch 18] accuracy: 0.902

[epoch 19] mean loss 0.189: 100%|██████████| 23/23 [00:18<00:00, 1.23it/s]

100%|██████████| 6/6 [00:04<00:00, 1.39it/s]

[epoch 19] accuracy: 0.913

[epoch 20] mean loss 0.125: 100%|██████████| 23/23 [00:18<00:00, 1.23it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 20] accuracy: 0.924

[epoch 21] mean loss 0.139: 100%|██████████| 23/23 [00:18<00:00, 1.24it/s]

100%|██████████| 6/6 [00:04<00:00, 1.37it/s]

[epoch 21] accuracy: 0.924

[epoch 22] mean loss 0.114: 100%|██████████| 23/23 [00:18<00:00, 1.26it/s]

100%|██████████| 6/6 [00:04<00:00, 1.39it/s]

[epoch 22] accuracy: 0.924

[epoch 23] mean loss 0.136: 100%|██████████| 23/23 [00:18<00:00, 1.26it/s]

100%|██████████| 6/6 [00:04<00:00, 1.41it/s]

[epoch 23] accuracy: 0.935

[epoch 24] mean loss 0.133: 100%|██████████| 23/23 [00:18<00:00, 1.25it/s]

100%|██████████| 6/6 [00:04<00:00, 1.38it/s]

[epoch 24] accuracy: 0.946

[epoch 25] mean loss 0.135: 100%|██████████| 23/23 [00:18<00:00, 1.24it/s]

100%|██████████| 6/6 [00:04<00:00, 1.36it/s]

[epoch 25] accuracy: 0.935

[epoch 26] mean loss 0.119: 100%|██████████| 23/23 [00:19<00:00, 1.20it/s]

100%|██████████| 6/6 [00:04<00:00, 1.39it/s]

[epoch 26] accuracy: 0.935

[epoch 27] mean loss 0.123: 100%|██████████| 23/23 [00:18<00:00, 1.25it/s]

100%|██████████| 6/6 [00:04<00:00, 1.41it/s]

[epoch 27] accuracy: 0.935

[epoch 28] mean loss 0.121: 100%|██████████| 23/23 [00:18<00:00, 1.27it/s]

100%|██████████| 6/6 [00:04<00:00, 1.41it/s]

[epoch 28] accuracy: 0.935

[epoch 29] mean loss 0.12: 100%|██████████| 23/23 [00:18<00:00, 1.28it/s]

100%|██████████| 6/6 [00:04<00:00, 1.42it/s]

[epoch 29] accuracy: 0.935

Process finished with exit code 0

Mobilenet

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test6\_mobilenet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/15] loss:0.724: 100%|██████████| 26/26 [00:17<00:00, 1.48it/s]

valid epoch[1/15]: 100%|██████████| 3/3 [00:02<00:00, 1.07it/s]

[epoch 1] train\_loss: 0.704 val\_accuracy: 0.717

train epoch[2/15] loss:0.668: 100%|██████████| 26/26 [00:10<00:00, 2.43it/s]

valid epoch[2/15]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 2] train\_loss: 0.682 val\_accuracy: 0.630

train epoch[3/15] loss:0.666: 100%|██████████| 26/26 [00:09<00:00, 2.75it/s]

valid epoch[3/15]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 3] train\_loss: 0.688 val\_accuracy: 0.717

train epoch[4/15] loss:0.662: 100%|██████████| 26/26 [00:09<00:00, 2.68it/s]

valid epoch[4/15]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 4] train\_loss: 0.661 val\_accuracy: 0.761

train epoch[5/15] loss:0.675: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[5/15]: 100%|██████████| 3/3 [00:02<00:00, 1.21it/s]

[epoch 5] train\_loss: 0.654 val\_accuracy: 0.717

train epoch[6/15] loss:0.604: 100%|██████████| 26/26 [00:10<00:00, 2.60it/s]

valid epoch[6/15]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 6] train\_loss: 0.642 val\_accuracy: 0.783

train epoch[7/15] loss:0.640: 100%|██████████| 26/26 [00:10<00:00, 2.54it/s]

valid epoch[7/15]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 7] train\_loss: 0.641 val\_accuracy: 0.783

train epoch[8/15] loss:0.653: 100%|██████████| 26/26 [00:10<00:00, 2.56it/s]

valid epoch[8/15]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 8] train\_loss: 0.629 val\_accuracy: 0.761

train epoch[9/15] loss:0.582: 100%|██████████| 26/26 [00:10<00:00, 2.57it/s]

valid epoch[9/15]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 9] train\_loss: 0.625 val\_accuracy: 0.761

train epoch[10/15] loss:0.691: 100%|██████████| 26/26 [00:10<00:00, 2.52it/s]

valid epoch[10/15]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 10] train\_loss: 0.624 val\_accuracy: 0.761

train epoch[11/15] loss:0.557: 100%|██████████| 26/26 [00:09<00:00, 2.66it/s]

valid epoch[11/15]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 11] train\_loss: 0.606 val\_accuracy: 0.783

train epoch[12/15] loss:0.683: 100%|██████████| 26/26 [00:09<00:00, 2.67it/s]

valid epoch[12/15]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 12] train\_loss: 0.600 val\_accuracy: 0.761

train epoch[13/15] loss:0.590: 100%|██████████| 26/26 [00:09<00:00, 2.66it/s]

valid epoch[13/15]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 13] train\_loss: 0.597 val\_accuracy: 0.804

train epoch[14/15] loss:0.498: 100%|██████████| 26/26 [00:09<00:00, 2.64it/s]

valid epoch[14/15]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 14] train\_loss: 0.621 val\_accuracy: 0.804

train epoch[15/15] loss:0.665: 100%|██████████| 26/26 [00:09<00:00, 2.68it/s]

valid epoch[15/15]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 15] train\_loss: 0.590 val\_accuracy: 0.804

Finished Training

Process finished with exit code 0

Resnet34

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:1.000: 100%|██████████| 26/26 [00:18<00:00, 1.44it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.08it/s]

[epoch 1] train\_loss: 1.324 val\_accuracy: 0.717

train epoch[2/10] loss:0.194: 100%|██████████| 26/26 [00:10<00:00, 2.47it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 2] train\_loss: 0.536 val\_accuracy: 0.935

train epoch[3/10] loss:0.244: 100%|██████████| 26/26 [00:10<00:00, 2.56it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 3] train\_loss: 0.364 val\_accuracy: 0.826

train epoch[4/10] loss:0.429: 100%|██████████| 26/26 [00:09<00:00, 2.64it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 4] train\_loss: 0.283 val\_accuracy: 0.804

train epoch[5/10] loss:0.575: 100%|██████████| 26/26 [00:09<00:00, 2.65it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.40it/s]

[epoch 5] train\_loss: 0.274 val\_accuracy: 0.913

train epoch[6/10] loss:0.188: 100%|██████████| 26/26 [00:13<00:00, 1.86it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 6] train\_loss: 0.297 val\_accuracy: 0.891

train epoch[7/10] loss:0.237: 100%|██████████| 26/26 [00:10<00:00, 2.45it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.33it/s]

[epoch 7] train\_loss: 0.254 val\_accuracy: 0.935

train epoch[8/10] loss:0.213: 100%|██████████| 26/26 [00:10<00:00, 2.53it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 8] train\_loss: 0.210 val\_accuracy: 0.935

train epoch[9/10] loss:0.057: 100%|██████████| 26/26 [00:09<00:00, 2.66it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:01<00:00, 1.50it/s]

[epoch 9] train\_loss: 0.212 val\_accuracy: 0.978

train epoch[10/10] loss:0.167: 100%|██████████| 26/26 [00:09<00:00, 2.63it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 10] train\_loss: 0.263 val\_accuracy: 0.957

Finished Training

Process finished with exit code 0

Resnet50

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.367: 100%|██████████| 26/26 [00:16<00:00, 1.54it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.03it/s]

[epoch 1] train\_loss: 0.805 val\_accuracy: 0.565

train epoch[2/10] loss:0.297: 100%|██████████| 26/26 [00:14<00:00, 1.85it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.28it/s]

[epoch 2] train\_loss: 0.441 val\_accuracy: 0.935

train epoch[3/10] loss:0.230: 100%|██████████| 26/26 [00:12<00:00, 2.15it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 3] train\_loss: 0.311 val\_accuracy: 0.978

train epoch[4/10] loss:0.428: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.11it/s]

[epoch 4] train\_loss: 0.289 val\_accuracy: 0.978

train epoch[5/10] loss:0.703: 100%|██████████| 26/26 [00:10<00:00, 2.38it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 5] train\_loss: 0.292 val\_accuracy: 0.978

train epoch[6/10] loss:0.382: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 6] train\_loss: 0.293 val\_accuracy: 0.957

train epoch[7/10] loss:0.062: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.26it/s]

[epoch 7] train\_loss: 0.222 val\_accuracy: 1.000

train epoch[8/10] loss:0.150: 100%|██████████| 26/26 [00:11<00:00, 2.31it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 8] train\_loss: 0.328 val\_accuracy: 0.870

train epoch[9/10] loss:0.327: 100%|██████████| 26/26 [00:10<00:00, 2.38it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 9] train\_loss: 0.244 val\_accuracy: 0.935

train epoch[10/10] loss:0.115: 100%|██████████| 26/26 [00:10<00:00, 2.43it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.10it/s]

[epoch 10] train\_loss: 0.259 val\_accuracy: 0.978

Finished Training

Process finished with exit code 0

T5-F5

Resnet50

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.318: 100%|██████████| 26/26 [00:18<00:00, 1.38it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.09it/s]

[epoch 1] train\_loss: 0.706 val\_accuracy: 0.848

train epoch[2/10] loss:0.105: 100%|██████████| 26/26 [00:11<00:00, 2.24it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 2] train\_loss: 0.330 val\_accuracy: 0.826

train epoch[3/10] loss:0.461: 100%|██████████| 26/26 [00:10<00:00, 2.37it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 3] train\_loss: 0.286 val\_accuracy: 0.913

train epoch[4/10] loss:0.446: 100%|██████████| 26/26 [00:10<00:00, 2.44it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 4] train\_loss: 0.307 val\_accuracy: 0.870

train epoch[5/10] loss:0.143: 100%|██████████| 26/26 [00:11<00:00, 2.34it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 5] train\_loss: 0.190 val\_accuracy: 0.935

train epoch[6/10] loss:0.142: 100%|██████████| 26/26 [00:10<00:00, 2.38it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 6] train\_loss: 0.220 val\_accuracy: 0.913

train epoch[7/10] loss:0.197: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 7] train\_loss: 0.185 val\_accuracy: 0.935

train epoch[8/10] loss:0.079: 100%|██████████| 26/26 [00:11<00:00, 2.36it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 8] train\_loss: 0.245 val\_accuracy: 0.870

train epoch[9/10] loss:0.040: 100%|██████████| 26/26 [00:10<00:00, 2.38it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 9] train\_loss: 0.177 val\_accuracy: 0.957

train epoch[10/10] loss:0.036: 100%|██████████| 26/26 [00:10<00:00, 2.39it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 10] train\_loss: 0.187 val\_accuracy: 0.935

Finished Training

Resnet101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.426: 100%|██████████| 26/26 [00:20<00:00, 1.27it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.04it/s]

[epoch 1] train\_loss: 0.833 val\_accuracy: 0.891

train epoch[2/10] loss:0.240: 100%|██████████| 26/26 [00:12<00:00, 2.14it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 2] train\_loss: 0.411 val\_accuracy: 0.609

train epoch[3/10] loss:0.795: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 3] train\_loss: 0.340 val\_accuracy: 0.957

train epoch[4/10] loss:0.407: 100%|██████████| 26/26 [00:11<00:00, 2.27it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 4] train\_loss: 0.343 val\_accuracy: 0.891

train epoch[5/10] loss:0.125: 100%|██████████| 26/26 [00:11<00:00, 2.26it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 5] train\_loss: 0.291 val\_accuracy: 0.761

train epoch[6/10] loss:0.393: 100%|██████████| 26/26 [00:11<00:00, 2.26it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 6] train\_loss: 0.249 val\_accuracy: 0.957

train epoch[7/10] loss:0.346: 100%|██████████| 26/26 [00:11<00:00, 2.24it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 7] train\_loss: 0.212 val\_accuracy: 0.957

train epoch[8/10] loss:0.159: 100%|██████████| 26/26 [00:11<00:00, 2.22it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 8] train\_loss: 0.334 val\_accuracy: 0.957

train epoch[9/10] loss:0.285: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 9] train\_loss: 0.203 val\_accuracy: 0.978

train epoch[10/10] loss:0.321: 100%|██████████| 26/26 [00:11<00:00, 2.26it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 10] train\_loss: 0.184 val\_accuracy: 0.978

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.465: 100%|██████████| 26/26 [00:12<00:00, 2.14it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 1] train\_loss: 0.791 val\_accuracy: 0.696

train epoch[2/10] loss:0.248: 100%|██████████| 26/26 [00:11<00:00, 2.24it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:01<00:00, 1.50it/s]

[epoch 2] train\_loss: 0.383 val\_accuracy: 0.957

train epoch[3/10] loss:0.175: 100%|██████████| 26/26 [00:11<00:00, 2.21it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 3] train\_loss: 0.244 val\_accuracy: 0.826

train epoch[4/10] loss:0.194: 100%|██████████| 26/26 [00:11<00:00, 2.23it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 4] train\_loss: 0.211 val\_accuracy: 0.935

train epoch[5/10] loss:0.067: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 5] train\_loss: 0.167 val\_accuracy: 0.935

train epoch[6/10] loss:0.537: 100%|██████████| 26/26 [00:11<00:00, 2.21it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.24it/s]

[epoch 6] train\_loss: 0.206 val\_accuracy: 0.957

train epoch[7/10] loss:0.120: 100%|██████████| 26/26 [00:12<00:00, 2.11it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.18it/s]

[epoch 7] train\_loss: 0.196 val\_accuracy: 0.978

train epoch[8/10] loss:0.215: 100%|██████████| 26/26 [00:12<00:00, 2.13it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 8] train\_loss: 0.236 val\_accuracy: 0.978

train epoch[9/10] loss:0.152: 100%|██████████| 26/26 [00:12<00:00, 2.13it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 9] train\_loss: 0.197 val\_accuracy: 0.717

train epoch[10/10] loss:0.312: 100%|██████████| 26/26 [00:11<00:00, 2.22it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.33it/s]

[epoch 10] train\_loss: 0.187 val\_accuracy: 0.957

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.519: 100%|██████████| 26/26 [00:12<00:00, 2.09it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.22it/s]

[epoch 1] train\_loss: 0.724 val\_accuracy: 0.522

train epoch[2/10] loss:0.904: 100%|██████████| 26/26 [00:12<00:00, 2.15it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.40it/s]

[epoch 2] train\_loss: 0.381 val\_accuracy: 0.935

train epoch[3/10] loss:0.589: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.39it/s]

[epoch 3] train\_loss: 0.360 val\_accuracy: 0.957

train epoch[4/10] loss:0.327: 100%|██████████| 26/26 [00:11<00:00, 2.19it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.37it/s]

[epoch 4] train\_loss: 0.311 val\_accuracy: 0.848

train epoch[5/10] loss:0.187: 100%|██████████| 26/26 [00:11<00:00, 2.21it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.35it/s]

[epoch 5] train\_loss: 0.284 val\_accuracy: 0.957

train epoch[6/10] loss:0.307: 100%|██████████| 26/26 [00:11<00:00, 2.17it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 6] train\_loss: 0.304 val\_accuracy: 0.804

train epoch[7/10] loss:0.451: 100%|██████████| 26/26 [00:11<00:00, 2.24it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.37it/s]

[epoch 7] train\_loss: 0.225 val\_accuracy: 0.957

train epoch[8/10] loss:0.141: 100%|██████████| 26/26 [00:11<00:00, 2.20it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 8] train\_loss: 0.184 val\_accuracy: 0.935

train epoch[9/10] loss:0.113: 100%|██████████| 26/26 [00:11<00:00, 2.17it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.36it/s]

[epoch 9] train\_loss: 0.216 val\_accuracy: 0.913

train epoch[10/10] loss:0.070: 100%|██████████| 26/26 [00:11<00:00, 2.23it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.35it/s]

[epoch 10] train\_loss: 0.185 val\_accuracy: 0.913

Finished Training

Process finished with exit code 0

Resnext50

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.364: 100%|██████████| 26/26 [00:21<00:00, 1.23it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.02it/s]

[epoch 1] train\_loss: 0.825 val\_accuracy: 0.957

train epoch[2/10] loss:0.624: 100%|██████████| 26/26 [00:11<00:00, 2.23it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 2] train\_loss: 0.360 val\_accuracy: 1.000

train epoch[3/10] loss:0.435: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 3] train\_loss: 0.384 val\_accuracy: 0.870

train epoch[4/10] loss:0.352: 100%|██████████| 26/26 [00:11<00:00, 2.22it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 4] train\_loss: 0.291 val\_accuracy: 0.913

train epoch[5/10] loss:0.129: 100%|██████████| 26/26 [00:11<00:00, 2.23it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 5] train\_loss: 0.240 val\_accuracy: 0.978

train epoch[6/10] loss:0.333: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 6] train\_loss: 0.170 val\_accuracy: 0.935

train epoch[7/10] loss:0.134: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 7] train\_loss: 0.283 val\_accuracy: 0.957

train epoch[8/10] loss:0.356: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 8] train\_loss: 0.159 val\_accuracy: 0.913

train epoch[9/10] loss:0.089: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:01<00:00, 1.50it/s]

[epoch 9] train\_loss: 0.194 val\_accuracy: 0.978

train epoch[10/10] loss:0.013: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 10] train\_loss: 0.198 val\_accuracy: 0.957

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.588: 100%|██████████| 26/26 [00:12<00:00, 2.14it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.42it/s]

[epoch 1] train\_loss: 0.752 val\_accuracy: 0.891

train epoch[2/10] loss:0.394: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 2] train\_loss: 0.342 val\_accuracy: 0.848

train epoch[3/10] loss:0.120: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:01<00:00, 1.52it/s]

[epoch 3] train\_loss: 0.231 val\_accuracy: 0.978

train epoch[4/10] loss:0.092: 100%|██████████| 26/26 [00:11<00:00, 2.27it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:01<00:00, 1.54it/s]

[epoch 4] train\_loss: 0.192 val\_accuracy: 0.957

train epoch[5/10] loss:0.103: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 5] train\_loss: 0.236 val\_accuracy: 1.000

train epoch[6/10] loss:0.450: 100%|██████████| 26/26 [00:11<00:00, 2.23it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 6] train\_loss: 0.181 val\_accuracy: 0.935

train epoch[7/10] loss:0.138: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:01<00:00, 1.53it/s]

[epoch 7] train\_loss: 0.151 val\_accuracy: 1.000

train epoch[8/10] loss:0.405: 100%|██████████| 26/26 [00:11<00:00, 2.30it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 8] train\_loss: 0.131 val\_accuracy: 0.957

train epoch[9/10] loss:0.222: 100%|██████████| 26/26 [00:11<00:00, 2.24it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 9] train\_loss: 0.164 val\_accuracy: 0.957

train epoch[10/10] loss:0.106: 100%|██████████| 26/26 [00:11<00:00, 2.27it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 10] train\_loss: 0.157 val\_accuracy: 0.978

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.146: 100%|██████████| 26/26 [00:11<00:00, 2.17it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.37it/s]

[epoch 1] train\_loss: 0.703 val\_accuracy: 0.957

train epoch[2/10] loss:0.513: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 2] train\_loss: 0.341 val\_accuracy: 0.870

train epoch[3/10] loss:0.465: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.44it/s]

[epoch 3] train\_loss: 0.267 val\_accuracy: 0.978

train epoch[4/10] loss:0.066: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 4] train\_loss: 0.277 val\_accuracy: 0.957

train epoch[5/10] loss:0.392: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.49it/s]

[epoch 5] train\_loss: 0.245 val\_accuracy: 0.870

train epoch[6/10] loss:0.154: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.50it/s]

[epoch 6] train\_loss: 0.215 val\_accuracy: 0.957

train epoch[7/10] loss:0.158: 100%|██████████| 26/26 [00:11<00:00, 2.29it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 7] train\_loss: 0.174 val\_accuracy: 0.978

train epoch[8/10] loss:0.014: 100%|██████████| 26/26 [00:11<00:00, 2.25it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.45it/s]

[epoch 8] train\_loss: 0.157 val\_accuracy: 0.870

train epoch[9/10] loss:0.268: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 9] train\_loss: 0.249 val\_accuracy: 0.957

train epoch[10/10] loss:0.066: 100%|██████████| 26/26 [00:11<00:00, 2.28it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.48it/s]

[epoch 10] train\_loss: 0.149 val\_accuracy: 1.000

Finished Training

Process finished with exit code 0

Resnrxt101

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.432: 100%|██████████| 26/26 [00:25<00:00, 1.01it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:03<00:00, 1.00s/it]

[epoch 1] train\_loss: 0.789 val\_accuracy: 0.891

train epoch[2/10] loss:0.236: 100%|██████████| 26/26 [00:16<00:00, 1.53it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 2] train\_loss: 0.401 val\_accuracy: 0.957

train epoch[3/10] loss:0.475: 100%|██████████| 26/26 [00:15<00:00, 1.65it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:01<00:00, 1.51it/s]

[epoch 3] train\_loss: 0.361 val\_accuracy: 0.891

train epoch[4/10] loss:0.180: 100%|██████████| 26/26 [00:15<00:00, 1.66it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.46it/s]

[epoch 4] train\_loss: 0.316 val\_accuracy: 0.913

train epoch[5/10] loss:0.340: 100%|██████████| 26/26 [00:15<00:00, 1.66it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.47it/s]

[epoch 5] train\_loss: 0.256 val\_accuracy: 0.935

train epoch[6/10] loss:0.098: 100%|██████████| 26/26 [00:16<00:00, 1.61it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.41it/s]

[epoch 6] train\_loss: 0.215 val\_accuracy: 0.978

train epoch[7/10] loss:0.373: 100%|██████████| 26/26 [00:16<00:00, 1.60it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.43it/s]

[epoch 7] train\_loss: 0.225 val\_accuracy: 0.935

train epoch[8/10] loss:0.230: 100%|██████████| 26/26 [00:16<00:00, 1.60it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.41it/s]

[epoch 8] train\_loss: 0.275 val\_accuracy: 0.978

train epoch[9/10] loss:0.076: 100%|██████████| 26/26 [00:16<00:00, 1.62it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 9] train\_loss: 0.167 val\_accuracy: 0.913

train epoch[10/10] loss:0.181: 100%|██████████| 26/26 [00:16<00:00, 1.62it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.35it/s]

[epoch 10] train\_loss: 0.258 val\_accuracy: 0.891

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.352: 100%|██████████| 26/26 [00:16<00:00, 1.54it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.29it/s]

[epoch 1] train\_loss: 0.575 val\_accuracy: 0.978

train epoch[2/10] loss:0.038: 100%|██████████| 26/26 [00:16<00:00, 1.61it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.39it/s]

[epoch 2] train\_loss: 0.309 val\_accuracy: 0.913

train epoch[3/10] loss:0.140: 100%|██████████| 26/26 [00:16<00:00, 1.59it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.34it/s]

[epoch 3] train\_loss: 0.266 val\_accuracy: 0.978

train epoch[4/10] loss:0.065: 100%|██████████| 26/26 [00:16<00:00, 1.59it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.27it/s]

[epoch 4] train\_loss: 0.201 val\_accuracy: 0.957

train epoch[5/10] loss:0.019: 100%|██████████| 26/26 [00:16<00:00, 1.62it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.31it/s]

[epoch 5] train\_loss: 0.168 val\_accuracy: 1.000

train epoch[6/10] loss:0.019: 100%|██████████| 26/26 [00:15<00:00, 1.65it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.33it/s]

[epoch 6] train\_loss: 0.157 val\_accuracy: 0.935

train epoch[7/10] loss:0.169: 100%|██████████| 26/26 [00:16<00:00, 1.59it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 7] train\_loss: 0.180 val\_accuracy: 0.957

train epoch[8/10] loss:0.357: 100%|██████████| 26/26 [00:16<00:00, 1.61it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 8] train\_loss: 0.103 val\_accuracy: 1.000

train epoch[9/10] loss:0.862: 100%|██████████| 26/26 [00:15<00:00, 1.64it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.33it/s]

[epoch 9] train\_loss: 0.221 val\_accuracy: 1.000

train epoch[10/10] loss:0.333: 100%|██████████| 26/26 [00:16<00:00, 1.58it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.32it/s]

[epoch 10] train\_loss: 0.188 val\_accuracy: 1.000

Finished Training

Using 8 dataloader workers every process

using 414 images for training, 46 images for validation.

train epoch[1/10] loss:0.651: 100%|██████████| 26/26 [00:16<00:00, 1.56it/s]

valid epoch[1/10]: 100%|██████████| 3/3 [00:02<00:00, 1.30it/s]

[epoch 1] train\_loss: 0.692 val\_accuracy: 0.804

train epoch[2/10] loss:0.390: 100%|██████████| 26/26 [00:15<00:00, 1.65it/s]

valid epoch[2/10]: 100%|██████████| 3/3 [00:02<00:00, 1.31it/s]

[epoch 2] train\_loss: 0.355 val\_accuracy: 0.891

train epoch[3/10] loss:0.375: 100%|██████████| 26/26 [00:17<00:00, 1.53it/s]

valid epoch[3/10]: 100%|██████████| 3/3 [00:02<00:00, 1.21it/s]

[epoch 3] train\_loss: 0.311 val\_accuracy: 0.891

train epoch[4/10] loss:0.212: 100%|██████████| 26/26 [00:16<00:00, 1.60it/s]

valid epoch[4/10]: 100%|██████████| 3/3 [00:02<00:00, 1.27it/s]

[epoch 4] train\_loss: 0.318 val\_accuracy: 0.913

train epoch[5/10] loss:0.216: 100%|██████████| 26/26 [00:16<00:00, 1.61it/s]

valid epoch[5/10]: 100%|██████████| 3/3 [00:02<00:00, 1.29it/s]

[epoch 5] train\_loss: 0.224 val\_accuracy: 0.957

train epoch[6/10] loss:0.024: 100%|██████████| 26/26 [00:17<00:00, 1.53it/s]

valid epoch[6/10]: 100%|██████████| 3/3 [00:02<00:00, 1.06it/s]

[epoch 6] train\_loss: 0.173 val\_accuracy: 0.913

train epoch[7/10] loss:0.366: 100%|██████████| 26/26 [00:16<00:00, 1.60it/s]

valid epoch[7/10]: 100%|██████████| 3/3 [00:02<00:00, 1.16it/s]

[epoch 7] train\_loss: 0.193 val\_accuracy: 1.000

train epoch[8/10] loss:0.545: 100%|██████████| 26/26 [00:15<00:00, 1.66it/s]

valid epoch[8/10]: 100%|██████████| 3/3 [00:02<00:00, 1.31it/s]

[epoch 8] train\_loss: 0.276 val\_accuracy: 1.000

train epoch[9/10] loss:0.281: 100%|██████████| 26/26 [00:15<00:00, 1.63it/s]

valid epoch[9/10]: 100%|██████████| 3/3 [00:02<00:00, 1.21it/s]

[epoch 9] train\_loss: 0.195 val\_accuracy: 0.978

train epoch[10/10] loss:0.057: 100%|██████████| 26/26 [00:17<00:00, 1.51it/s]

valid epoch[10/10]: 100%|██████████| 3/3 [00:02<00:00, 1.21it/s]

[epoch 10] train\_loss: 0.190 val\_accuracy: 0.957

Finished Training

Process finished with exit code 0

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 828 images for training, 92 images for validation.

字行趋向: [0.06666667]

字迹倾斜角度: [0.]

字体大小: [0.06666667]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.08888889]

笔画的粗细: [3.31851852]

字行趋向: [0.06814815]

字迹倾斜角度: [0.]

字体大小: [0.06814815]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.0908642]

笔画的粗细: [2.99967078]

字行趋向: [0.02373663]

字迹倾斜角度: [0.]

字体大小: [0.02373663]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.0020192]

笔画的粗细: [3.37777046]

字行趋向: [0.0227497]

字迹倾斜角度: [0.]

字体大小: [0.0227497]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [4.48712087e-05]

笔画的粗细: [2.91950601]

字行趋向: [0.06717222]

字迹倾斜角度: [0.]

字体大小: [0.06717222]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.08888989]

笔画的粗细: [2.67228532]

字行趋向: [0.04593716]

字迹倾斜角度: [0.]

字体大小: [0.04593716]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.04641978]

笔画的粗细: [3.18160634]

字行趋向: [0.04546527]

字迹倾斜角度: [0.]

字体大小: [0.04546527]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.045476]

笔画的粗细: [2.95959125]

字行趋向: [0.02323256]

字迹倾斜角度: [0.]

字体大小: [0.02323256]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.00101058]

笔画的粗细: [3.37687981]

字行趋向: [0.0227385]

字迹倾斜角度: [0.]

字体大小: [0.0227385]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [2.24572815e-05]

笔画的粗细: [3.31948622]

字行趋向: [0.02272752]

字迹倾斜角度: [0.]

字体大小: [0.02272752]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [4.990507e-07]

笔画的粗细: [3.3182108]

字行趋向: [0.02272728]

字迹倾斜角度: [0.]

字体大小: [0.02272728]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.04444446]

笔画的粗细: [3.16262691]

字行趋向: [0.33383838]

字迹倾斜角度: [-0.05950989]

字体大小: [0.33383838]

字体样式: [0.]

整齐或杂乱: [1.2]

连续或间断: [1.00349205]

笔画的粗细: [4.20602134]

字行趋向: [1.91852974]

字迹倾斜角度: [-0.01333176]

字体大小: [1.91852974]

字体样式: [0.]

整齐或杂乱: [11.06]

连续或间断: [6.68858327]

笔画的粗细: [5.00875138]

字行趋向: [0.46485622]

字迹倾斜角度: [-0.02805283]

字体大小: [0.46485622]

字体样式: [0.]

整齐或杂乱: [1.75688889]

连续或间断: [1.29209838]

笔画的粗细: [3.92516074]

字行趋向: [0.03255236]

字迹倾斜角度: [-0.0006234]

字体大小: [0.03255236]

字体样式: [0.]

整齐或杂乱: [0.03904198]

连续或间断: [0.0287133]

笔画的粗细: [3.28722579]

字行趋向: [2.06739005]

字迹倾斜角度: [-0.02968611]

字体大小: [2.06739005]

字体样式: [0.]

整齐或杂乱: [36.41197871]

连续或间断: [11.19186295]

笔画的粗细: [4.09905663]

字行趋向: [0.09038645]

字迹倾斜角度: [-0.05301957]

字体大小: [0.09038645]

字体样式: [0.]

整齐或杂乱: [0.82026619]

连续或间断: [0.32457948]

笔画的粗细: [2.66886793]

字行趋向: [0.04645303]

字迹倾斜角度: [-0.04638808]

字体大小: [0.04645303]

字体样式: [0.]

整齐或杂乱: [0.04045036]

连续或间断: [0.11451126]

笔画的粗细: [2.43708595]

字行趋向: [0.04547673]

字迹倾斜角度: [-0.00103085]

字体大小: [0.04547673]

字体样式: [0.]

整齐或杂乱: [0.0008989]

连续或间断: [0.04698914]

笔画的粗细: [3.05415747]

字行趋向: [0.06767726]

字迹倾斜角度: [-0.0595328]

字体大小: [0.06767726]

字体样式: [0.]

整齐或杂乱: [0.0222422]

连续或间断: [0.10834258]

笔画的粗细: [2.34935165]

字行趋向: [0.04594838]

字迹倾斜角度: [-0.00132295]

字体大小: [0.04594838]

字体样式: [0.]

整齐或杂乱: [0.00049427]

连续或间断: [0.04685206]

笔画的粗细: [3.02998559]

字行趋向: [0.0232433]

字迹倾斜角度: [-2.93989124e-05]

字体大小: [0.0232433]

字体样式: [0.]

整齐或杂乱: [1.09838013e-05]

连续或间断: [0.0454856]

笔画的粗细: [3.04511079]

字行趋向: [0.02273874]

字迹倾斜角度: [-6.53309164e-07]

字体大小: [0.02273874]

字体样式: [0.]

整齐或杂乱: [2.44084474e-07]

连续或间断: [0.04545524]

笔画的粗细: [2.55655802]

字行趋向: [0.04494975]

字迹倾斜角度: [-1.45179814e-08]

字体大小: [0.04494975]

字体样式: [0.]

整齐或杂乱: [5.42409943e-09]

连续或间断: [0.04545456]

笔画的粗细: [1.00125684]

字行趋向: [0.04544333]

字迹倾斜角度: [-3.22621809e-10]

字体大小: [0.04544333]

字体样式: [0.]

整齐或杂乱: [1.20535543e-10]

连续或间断: [0.04545455]

笔画的粗细: [1.98891682]

字行趋向: [0.0454543]

字迹倾斜角度: [-0.04520987]

字体大小: [0.0454543]

字体样式: [0.]

整齐或杂乱: [0.04444444]

连续或间断: [0.13434343]

笔画的粗细: [1.38493889]

字行趋向: [0.06767676]

字迹倾斜角度: [-0.05336454]

字体大小: [0.06767676]

字体样式: [0.]

整齐或杂乱: [0.0454321]

连续或间断: [0.12869328]

笔画的粗细: [3.16657889]

字行趋向: [0.06817059]

字迹倾斜角度: [-0.06069577]

字体大小: [0.06817059]

字体样式: [0.]

整齐或杂乱: [0.02323182]

连续或间断: [0.11015823]

笔画的粗细: [2.54073879]

字行趋向: [0.11262601]

字迹倾斜角度: [-0.04340539]

字体大小: [0.11262601]

字体样式: [0.]

整齐或杂乱: [0.1338496]

连续或间断: [0.24307967]

笔画的粗细: [1.8372016]

字行趋向: [0.06916947]

字迹倾斜角度: [-0.00096456]

字体大小: [0.06916947]

字体样式: [0.]

整齐或杂乱: [0.00297444]

连续或间断: [0.09429066]

笔画的粗细: [3.25564152]

字行趋向: [0.02375932]

字迹倾斜角度: [-2.14347616e-05]

字体大小: [0.02375932]

字体样式: [0.]

整齐或杂乱: [6.6098566e-05]

连续或间断: [0.00209535]

笔画的粗细: [3.33901426]

字行趋向: [0.08941687]

字迹倾斜角度: [-4.76328035e-07]

字体大小: [0.08941687]

字体样式: [0.]

整齐或杂乱: [1.46885702e-06]

连续或间断: [0.1333799]

笔画的粗细: [2.88531143]

字行趋向: [0.06865371]

字迹倾斜角度: [-1.05850675e-08]

字体大小: [0.06865371]

字体样式: [0.]

整齐或杂乱: [3.26412671e-08]

连续或间断: [0.09185289]

笔画的粗细: [3.27152544]

字行趋向: [0.11263675]

字迹倾斜角度: [-2.35223721e-10]

字体大小: [0.11263675]

字体样式: [0.]

整齐或杂乱: [7.25361492e-10]

连续或间断: [0.17981895]

笔画的粗细: [3.25936723]

字行趋向: [0.02472526]

字迹倾斜角度: [-5.2271938e-12]

字体大小: [0.02472526]

字体样式: [0.]

整齐或杂乱: [1.61191443e-11]

连续或间断: [0.00399598]

笔画的粗细: [3.22798594]

字行趋向: [2.00054945]

字迹倾斜角度: [-0.0335195]

字体大小: [2.00054945]

字体样式: [0.]

整齐或杂乱: [26.54444444]

连续或间断: [12.77159584]

笔画的粗细: [4.35604236]

字行趋向: [0.06667888]

字迹倾斜角度: [-0.00074488]

字体大小: [0.06667888]

字体样式: [0.]

整齐或杂乱: [0.58987654]

连续或间断: [0.32825769]

笔画的粗细: [1.86346761]

字行趋向: [0.06814842]

字迹倾斜角度: [-0.05952644]

字体大小: [0.06814842]

字体样式: [0.]

整齐或杂乱: [0.03533059]

连续或间断: [0.11459299]

笔画的粗细: [2.42289187]

字行趋向: [0.02373663]

字迹倾斜角度: [-0.00132281]

字体大小: [0.02373663]

字体样式: [0.]

整齐或杂乱: [0.00078512]

连续或间断: [0.00254651]

笔画的粗细: [3.4093976]

字行趋向: [0.0227497]

字迹倾斜角度: [-2.93957742e-05]

字体大小: [0.0227497]

字体样式: [0.]

整齐或杂乱: [1.74472049e-05]

连续或间断: [0.04450103]

笔画的粗细: [2.70909772]

字行趋向: [0.02272777]

字迹倾斜角度: [-6.53239426e-07]

字体大小: [0.02272777]

字体样式: [0.]

整齐或杂乱: [3.87715664e-07]

连续或间断: [0.00098891]

笔画的粗细: [3.37131328]

字行趋向: [0.02272728]

字迹倾斜角度: [-1.45164317e-08]

字体大小: [0.02272728]

字体样式: [0.]

整齐或杂乱: [8.61590364e-09]

连续或间断: [2.19758191e-05]

笔画的粗细: [3.25269585]

字行趋向: [66.82272727]

字迹倾斜角度: [-0.02986661]

字体大小: [66.82272727]

字体样式: [0.]

整齐或杂乱: [124863.28888889]

连续或间断: [287.15497519]

笔画的粗细: [5.02590758]

字行趋向: [1.50717172]

字迹倾斜角度: [-0.0006637]

字体大小: [1.50717172]

字体样式: [0.]

整齐或杂乱: [2774.73975309]

连续或间断: [6.38122167]

笔画的粗细: [3.46724239]

字行趋向: [0.05571493]

字迹倾斜角度: [-1.47489437e-05]

字体大小: [0.05571493]

字体样式: [0.]

整齐或杂乱: [61.6608834]

连续或间断: [0.18624937]

笔画的粗细: [2.57704983]

torch.Size([16, 6, 1])

F:\MVison\deeplearning\_hand\Test5\_resnet\model.py:142: UserWarning: Creating a tensor from a list of numpy.ndarrays is extremely slow. Please consider converting the list to a single numpy.ndarray with numpy.array() before converting to a tensor. (Triggered internally at C:\actions-runner\\_work\pytorch\pytorch\builder\windows\pytorch\torch\csrc\utils\tensor\_new.cpp:233.)

td=torch.tensor([[r,t,f,n,c,s]]\*bt)

字行趋向: [0.02631579]

字迹倾斜角度: [0.]

字体大小: [0.02631579]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.]

笔画的粗细: [3.94736842]

字行趋向: [0.02700831]

字迹倾斜角度: [0.]

字体大小: [0.02700831]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.05263158]

笔画的粗细: [3.76177285]

字行趋向: [0.02702653]

字迹倾斜角度: [0.]

字体大小: [0.02702653]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.00138504]

笔画的粗细: [4.09899402]

字行趋向: [0.0533428]

字迹倾斜角度: [-0.06200512]

字体大小: [0.0533428]

字体样式: [0.]

整齐或杂乱: [0.02631579]

连续或间断: [0.10529961]

笔画的粗细: [2.71313142]

字行趋向: [0.02771955]

字迹倾斜角度: [-0.00163171]

字体大小: [0.02771955]

字体样式: [0.]

整齐或杂乱: [0.00069252]

连续或间断: [0.42382367]

笔画的粗细: [3.7702286]

字行趋向: [0.02704525]

字迹倾斜角度: [-4.29398325e-05]

字体大小: [0.02704525]

字体样式: [0.]

整齐或杂乱: [1.82242309e-05]

连续或间断: [0.01115325]

笔画的粗细: [3.96763759]

字行趋向: [0.0533433]

字迹倾斜角度: [-0.0726613]

字体大小: [0.0533433]

字体样式: [0.]

整齐或杂乱: [0.01315837]

连续或间断: [0.24803597]

笔画的粗细: [3.74914836]

字行趋向: [0.08035114]

字迹倾斜角度: [-0.05872264]

字体大小: [0.08035114]

字体样式: [0.]

整齐或杂乱: [0.03981996]

连续或间断: [0.14900657]

笔画的粗细: [3.06796004]

字行趋向: [0.08106187]

字迹倾斜角度: [-0.07201757]

字体大小: [0.08106187]

字体样式: [0.]

整齐或杂乱: [0.05367947]

连续或间断: [0.16181596]

笔画的粗细: [1.03249018]

字行趋向: [0.60739637]

字迹倾斜角度: [-0.07236744]

字体大小: [0.60739637]

字体样式: [0.]

整齐或杂乱: [1.38299157]

连续或间断: [1.69859453]

笔画的粗细: [3.03956591]

字行趋向: [0.14756306]

字迹倾斜角度: [0.03943234]

字体大小: [0.14756306]

字体样式: [0.]

整齐或杂乱: [0.22060504]

连续或间断: [0.4875532]

笔画的粗细: [3.83612893]

字行趋向: [1.21440955]

字迹倾斜角度: [-0.00540911]

字体大小: [1.21440955]

字体样式: [0.]

整齐或杂乱: [9.04527908]

连续或间断: [5.14692122]

笔画的粗细: [5.29850427]

字行趋向: [0.11090551]

字迹倾斜角度: [-0.00014235]

字体大小: [0.11090551]

字体样式: [0.]

整齐或杂乱: [0.23803366]

连续或间断: [0.24070845]

笔画的粗细: [3.78855713]

字行趋向: [2.4239712]

字迹倾斜角度: [-3.74592368e-06]

字体大小: [2.4239712]

字体样式: [0.]

整齐或杂乱: [25.94047457]

连续或间断: [13.44408593]

笔画的粗细: [5.20673328]

字行趋向: [0.11642029]

字迹倾斜角度: [-9.85769388e-08]

字体大小: [0.11642029]

字体样式: [0.]

整齐或杂乱: [0.68264407]

连续或间断: [0.40642331]

笔画的粗细: [2.28175614]

字行趋向: [0.08201106]

字迹倾斜角度: [-2.59412997e-09]

字体大小: [0.08201106]

字体样式: [0.]

整齐或杂乱: [0.01796432]

连续或间断: [0.11595851]

笔画的粗细: [1.16530937]

字行趋向: [0.26531608]

字迹倾斜角度: [-6.82665781e-11]

字体大小: [0.26531608]

字体样式: [0.]

整齐或杂乱: [0.00047275]

连续或间断: [0.47673575]

笔画的粗细: [2.94645551]

字行趋向: [0.03329779]

字迹倾斜角度: [-1.7964889e-12]

字体大小: [0.03329779]

字体样式: [0.]

整齐或杂乱: [1.24406631e-05]

连续或间断: [0.01254568]

笔画的粗细: [2.94595936]

字行趋向: [0.05350784]

字迹倾斜角度: [-0.06200512]

字体大小: [0.05350784]

字体样式: [0.]

整齐或杂乱: [0.02631612]

连续或间断: [0.10559331]

笔画的粗细: [2.24857788]

字行趋向: [0.05403968]

字迹倾斜角度: [-0.00163171]

字体大小: [0.05403968]

字体样式: [0.]

整齐或杂乱: [0.00069253]

连续或间断: [0.05541035]

笔画的粗细: [3.01969942]

字行趋向: [0.08036947]

字迹倾斜角度: [-0.07051518]

字体大小: [0.08036947]

字体样式: [0.]

整齐或杂乱: [0.03949191]

连续或间断: [0.14393747]

笔画的粗细: [2.2636763]

字行趋向: [0.05474656]

字迹倾斜角度: [-0.00185566]

字体大小: [0.05474656]

字体样式: [0.]

整齐或杂乱: [0.00103926]

连续或间断: [0.05641941]

笔画的粗细: [3.52009674]

字行趋向: [0.02775649]

字迹倾斜角度: [-4.88332257e-05]

字体大小: [0.02775649]

字体样式: [0.]

整齐或杂乱: [2.73489672e-05]

连续或间断: [0.00148472]

笔画的粗细: [3.85579202]

字行趋向: [0.02704622]

字迹倾斜角度: [-1.28508489e-06]

字体大小: [0.02704622]

字体样式: [0.]

整齐或杂乱: [7.19709664e-07]

连续或间断: [3.90716116e-05]

笔画的粗细: [3.25936295]

字行趋向: [0.05334332]

字迹倾斜角度: [-3.38180233e-08]

字体大小: [0.05334332]

字体样式: [0.]

整齐或杂乱: [1.8939728e-08]

连续或间断: [0.05263261]

笔画的粗细: [3.16472008]

字行趋向: [0.02771956]

字迹倾斜角度: [-8.89947982e-10]

字体大小: [0.02771956]

字体样式: [0.]

整齐或杂乱: [4.98413895e-10]

连续或间断: [0.05401665]

笔画的粗细: [3.14907158]

字行趋向: [0.05336104]

字迹倾斜角度: [-2.34196837e-11]

字体大小: [0.05336104]

字体样式: [0.]

整齐或杂乱: [1.31161551e-11]

连续或间断: [0.05405307]

笔画的粗细: [2.91181767]

字行趋向: [0.08035161]

字迹倾斜角度: [-0.07047224]

字体大小: [0.08035161]

字体样式: [0.]

整齐或杂乱: [0.05263158]

连续或间断: [0.15931719]

笔画的粗细: [1.34855661]

字行趋向: [0.08106188]

字迹倾斜角度: [-0.05866503]

字体大小: [0.08106188]

字体样式: [0.]

整齐或杂乱: [0.18559557]

连续或间断: [0.34178274]

笔画的粗细: [2.62028365]

字行趋向: [0.05476479]

字迹倾斜角度: [-0.07201605]

字体大小: [0.05476479]

字体样式: [0.]

整齐或杂乱: [0.05751567]

连续或间断: [0.29395289]

笔画的粗细: [3.38913027]

字行趋向: [0.02775697]

字迹倾斜角度: [-0.00189516]

字体大小: [0.02775697]

字体样式: [0.]

整齐或杂乱: [0.00151357]

连续或间断: [0.06036718]

笔画的粗细: [3.62866132]

字行趋向: [0.02704624]

字迹倾斜角度: [-4.9872614e-05]

字体大小: [0.02704624]

字体样式: [0.]

整齐或杂乱: [3.98307984e-05]

连续或间断: [0.00158861]

笔画的粗细: [3.85864898]

字行趋向: [0.05334332]

字迹倾斜角度: [-1.31243721e-06]

字体大小: [0.05334332]

字体样式: [0.]

整齐或杂乱: [1.0481789e-06]

连续或间断: [0.05267338]

笔画的粗细: [3.98312234]

字行趋向: [0.08035114]

字迹倾斜角度: [-0.05681053]

字体大小: [0.08035114]

字体样式: [0.]

整齐或杂乱: [0.03947371]

连续或间断: [0.14386545]

笔画的粗细: [2.96008217]

字行趋向: [0.05474608]

字迹倾斜角度: [-0.06350013]

字体大小: [0.05474608]

字体样式: [0.]

整齐或杂乱: [0.02735457]

连续或间断: [0.10904909]

笔画的粗细: [3.12394953]

字行趋向: [0.02775648]

字迹倾斜角度: [-0.00167106]

字体大小: [0.02775648]

字体样式: [0.]

整齐或杂乱: [0.00071986]

连续或间断: [0.00286971]

笔画的粗细: [2.26641972]

字行趋向: [79.05336201]

字迹倾斜角度: [-0.02917947]

字体大小: [79.05336201]

字体样式: [0.]

整齐或杂乱: [149668.15791368]

连续或间断: [278.22978955]

笔画的粗细: [5.95989769]

字行趋向: [2.13298321]

字迹倾斜角度: [-0.00076788]

字体大小: [2.13298321]

字体样式: [0.]

整齐或杂乱: [3938.63573457]

连续或间断: [7.37446815]

笔画的粗细: [3.89368152]

torch.Size([16, 6, 1])

字行趋向: [0.01515152]

字迹倾斜角度: [0.]

字体大小: [0.01515152]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.]

笔画的粗细: [2.27272727]

字行趋向: [0.0305326]

字迹倾斜角度: [-0.03569992]

字体大小: [0.0305326]

字体样式: [0.]

整齐或杂乱: [0.00757576]

连续或间断: [0.05173051]

笔画的粗细: [2.17837466]

字行趋向: [0.01561413]

字迹倾斜角度: [-0.00054091]

字体大小: [0.01561413]

字体样式: [0.]

整齐或杂乱: [0.00011478]

连续或间断: [0.0007838]

笔画的粗细: [1.80573295]

字行趋向: [0.01538809]

字迹倾斜角度: [-8.19557312e-06]

字体大小: [0.01538809]

字体样式: [0.]

整齐或杂乱: [1.73915463e-06]

连续或间断: [1.18756906e-05]

笔画的粗细: [2.20917777]

字行趋向: [0.01538467]

字迹倾斜角度: [-1.2417535e-07]

字体大小: [0.01538467]

字体样式: [0.]

整齐或杂乱: [2.63508278e-08]

连续或间断: [1.79934706e-07]

笔画的粗细: [2.27589663]

字行趋向: [0.01538462]

字迹倾斜角度: [-1.8814447e-09]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [3.99254966e-10]

连续或间断: [0.03030303]

笔画的粗细: [2.11024086]

字行趋向: [0.01538462]

字迹倾斜角度: [-2.85067379e-11]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [6.04931767e-12]

连续或间断: [0.03076217]

笔画的粗细: [2.09257941]

字行趋向: [0.03053613]

字迹倾斜角度: [-0.03082491]

字体大小: [0.03053613]

字体样式: [0.]

整齐或杂乱: [0.01515152]

连续或间断: [0.07362408]

笔画的粗细: [2.22615019]

字行趋向: [0.0307657]

字迹倾斜角度: [-0.00046704]

字体大小: [0.0307657]

字体样式: [0.]

整齐或杂乱: [0.00022957]

连续或间断: [0.03141855]

笔画的粗细: [2.01100228]

字行趋向: [0.24289039]

字迹倾斜角度: [-0.03570699]

字体大小: [0.24289039]

字体样式: [0.]

整齐或杂乱: [0.70454893]

连续或间断: [0.59981466]

笔画的粗细: [1.71481317]

字行趋向: [0.0491347]

字迹倾斜角度: [-0.00054102]

字体大小: [0.0491347]

字体样式: [0.]

整齐或杂乱: [0.01067498]

连续或间断: [0.06969416]

笔画的粗细: [2.04618404]

字行趋向: [0.34922931]

字迹倾斜角度: [-0.02679898]

字体大小: [0.34922931]

字体样式: [0.]

整齐或杂乱: [1.27288901]

连续或间断: [0.94260348]

笔画的粗细: [1.61984149]

字行趋向: [0.03559438]

字迹倾斜角度: [-0.03610596]

字体大小: [0.03559438]

字体样式: [0.]

整齐或杂乱: [0.03443771]

连续或间断: [0.07488793]

笔画的粗细: [2.07757336]

字行趋向: [1.24296355]

字迹倾斜角度: [0.04705283]

字体大小: [1.24296355]

字体样式: [0.]

整齐或杂乱: [15.25052178]

连续或间断: [6.37869267]

笔画的粗细: [3.34930152]

字行趋向: [0.0339843]

字迹倾斜角度: [0.00071292]

字体大小: [0.0339843]

字体样式: [0.]

整齐或杂乱: [0.23106851]

连续或间断: [0.09664686]

笔画的粗细: [1.9598379]

字行趋向: [0.01566643]

字迹倾斜角度: [1.08018431e-05]

字体大小: [0.01566643]

字体样式: [0.]

整齐或杂乱: [0.00350104]

连续或间断: [0.03176738]

笔画的粗细: [1.93878542]

字行趋向: [0.04569192]

字迹倾斜角度: [-0.04057476]

字体大小: [0.04569192]

字体样式: [0.]

整齐或杂乱: [0.03035608]

连续或间断: [0.09139041]

笔画的粗细: [0.88038564]

字行趋向: [1.22796503]

字迹倾斜角度: [0.02846958]

字体大小: [1.22796503]

字体样式: [0.]

整齐或杂乱: [9.811066]

连续或间断: [3.63444143]

笔画的粗细: [3.12206258]

字行趋向: [1.41254492]

字迹倾斜角度: [0.00043136]

字体大小: [1.41254492]

字体样式: [0.]

整齐或杂乱: [10.02744039]

连续或间断: [7.08432517]

笔画的粗细: [3.16326431]

字行趋向: [0.06685674]

字迹倾斜角度: [-0.03569338]

字体大小: [0.06685674]

字体样式: [0.]

整齐或杂乱: [0.1898097]

连续或间断: [0.20192372]

笔画的粗细: [1.97890468]

字行趋向: [0.0161645]

字迹倾斜角度: [-0.00054081]

字体大小: [0.0161645]

字体样式: [0.]

整齐或杂乱: [0.0028759]

连续或间断: [0.00305945]

笔画的粗细: [2.33301371]

字行趋向: [1.24266916]

字迹倾斜角度: [-0.02380814]

字体大小: [1.24266916]

字体样式: [0.]

整齐或杂乱: [20.19701327]

连续或间断: [7.47003624]

笔画的粗细: [2.72225657]

字行趋向: [0.03397984]

字迹倾斜角度: [-0.00036073]

字体大小: [0.03397984]

字体样式: [0.]

整齐或杂乱: [0.30601535]

连续或间断: [0.1434854]

笔画的粗细: [1.49579177]

字行趋向: [0.03081788]

字迹倾斜角度: [-0.03083037]

字体大小: [0.03081788]

字体样式: [0.]

整齐或杂乱: [0.03493963]

连续或间断: [0.09308311]

笔画的粗细: [1.19943119]

字行趋向: [1.43986088]

字迹倾斜角度: [-0.04104205]

字体大小: [1.43986088]

字体样式: [0.]

整齐或杂乱: [24.72780212]

连续或间断: [6.18055239]

笔画的粗细: [3.04906493]

字行趋向: [0.83999789]

字迹倾斜角度: [-0.00953098]

字体大小: [0.83999789]

字体样式: [0.]

整齐或杂乱: [5.43526973]

连续或间断: [3.29789063]

笔画的粗细: [3.08792345]

字行趋向: [0.04303027]

字迹倾斜角度: [-0.03584433]

字体大小: [0.04303027]

字体样式: [0.]

整齐或杂乱: [0.09750409]

连续或间断: [0.1105741]

笔画的粗细: [0.99754429]

字行趋向: [0.34913682]

字迹倾斜角度: [-0.03325217]

字体大小: [0.34913682]

字体样式: [0.]

整齐或杂乱: [2.63026521]

连续或间断: [1.53216313]

笔画的粗细: [2.26720039]

字行趋向: [0.27801722]

字迹倾斜角度: [0.01627116]

字体大小: [0.27801722]

字体样式: [0.]

整齐或杂乱: [1.35045856]

连续或间断: [1.03639728]

笔画的粗细: [2.57406235]

字行趋向: [0.33754572]

字迹倾斜角度: [0.04784642]

字体大小: [0.33754572]

字体样式: [0.]

整齐或杂乱: [1.20985543]

连续或间断: [0.88472327]

笔画的粗细: [2.45278757]

字行趋向: [1.4748113]

字迹倾斜角度: [0.01848667]

字体大小: [1.4748113]

字体样式: [0.]

整齐或杂乱: [11.8289372]

连续或间断: [7.89267045]

笔画的粗细: [3.38931584]

字行趋向: [0.05264866]

字迹倾斜角度: [0.0002801]

字体大小: [0.05264866]

字体样式: [0.]

整齐或杂乱: [0.17922632]

连续或间断: [0.14988895]

笔画的粗细: [2.18771691]

字行趋向: [0.10685831]

字迹倾斜角度: [-0.03569567]

字体大小: [0.10685831]

字体样式: [0.]

整齐或杂乱: [0.11635191]

连续或间断: [0.21806863]

笔画的粗细: [1.72867392]

字行趋向: [0.04707361]

字迹倾斜角度: [-0.00054084]

字体大小: [0.04707361]

字体样式: [0.]

整齐或杂乱: [0.00176291]

连续或间断: [0.06391013]

笔画的粗细: [2.01609102]

字行趋向: [0.09162233]

字迹倾斜角度: [-8.19459884e-06]

字体大小: [0.09162233]

字体样式: [0.]

整齐或杂乱: [2.6710724e-05]

连续或间断: [0.15248349]

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字行趋向: [0.16805488]

字迹倾斜角度: [-0.04057505]

字体大小: [0.16805488]

字体样式: [0.]

整齐或杂乱: [0.77272768]

连续或间断: [0.51441626]

笔画的粗细: [2.27491187]

字行趋向: [0.30557659]

字迹倾斜角度: [0.04698512]

字体大小: [0.30557659]

字体样式: [0.]

整齐或杂乱: [1.01928375]

连续或间断: [0.77335345]

笔画的粗细: [2.68295321]

字行趋向: [1.48947843]

字迹倾斜角度: [0.01560271]

字体大小: [1.48947843]

字体样式: [0.]

整齐或杂乱: [8.1215043]

连续或间断: [5.59735083]

笔画的粗细: [3.50080391]

字行趋向: [0.03771937]

字迹倾斜角度: [0.0002364]

字体大小: [0.03771937]

字体样式: [0.]

整齐或杂乱: [0.1230531]

连续或间断: [0.11511138]

笔画的粗细: [1.78031521]

字行趋向: [0.03087454]

字迹倾斜角度: [-0.03569633]

字体大小: [0.03087454]

字体样式: [0.]

整齐或杂乱: [0.01701596]

连续或间断: [0.06235017]

笔画的粗细: [0.86788356]

字行趋向: [0.01561931]

字迹倾斜角度: [-0.00054085]

字体大小: [0.01561931]

字体样式: [0.]

整齐或杂乱: [0.00025782]

连续或间断: [0.03124773]

笔画的粗细: [1.99042248]

字行趋向: [0.03053969]

字迹倾斜角度: [-0.03570811]

字体大小: [0.03053969]

字体样式: [0.]

整齐或杂乱: [0.01515542]

连续或间断: [0.06107951]

笔画的粗细: [1.87485489]

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字迹倾斜角度: [0.03814973]

字体大小: [0.63682636]

字体样式: [0.]

整齐或杂乱: [4.62144175]

连续或间断: [3.19046584]

笔画的粗细: [3.17160074]

字行趋向: [1.11570949]

字迹倾斜角度: [-0.02926014]

字体大小: [1.11570949]

字体样式: [0.]

整齐或杂乱: [7.79729457]

连续或间断: [4.72399079]

笔画的粗细: [3.20412109]

字行趋向: [0.04720772]

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字体大小: [0.04720772]

字体样式: [0.]

整齐或杂乱: [0.11814083]

连续或间断: [0.10187865]

笔画的粗细: [1.37430487]

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字体大小: [0.01586678]

字体样式: [0.]

整齐或杂乱: [0.00179001]

连续或间断: [0.03184665]

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字行趋向: [0.03054344]

字迹倾斜角度: [-0.03570002]

字体大小: [0.03054344]

字体样式: [0.]

整齐或杂乱: [0.01517864]

连续或间断: [0.06108859]

笔画的粗细: [1.28360292]

字行趋向: [0.03076581]

字迹倾斜角度: [-0.00054091]

字体大小: [0.03076581]

字体样式: [0.]

整齐或杂乱: [0.00022998]

连续或间断: [0.03122861]

笔画的粗细: [1.08763035]

字行趋向: [0.01561766]

字迹倾斜角度: [-8.19559649e-06]

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字体样式: [0.]

整齐或杂乱: [3.48453548e-06]

连续或间断: [0.03077619]

笔画的粗细: [1.80435804]

字行趋向: [0.03053966]

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字体大小: [0.03053966]

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整齐或杂乱: [0.02272733]

连续或间断: [0.08249984]

笔画的粗细: [1.64097512]

字行趋向: [0.01561424]

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字体大小: [0.01561424]

字体样式: [0.]

整齐或杂乱: [0.00034435]

连续或间断: [0.00125]

笔画的粗细: [1.85819659]

字行趋向: [0.04569112]

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字体大小: [0.04569112]

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整齐或杂乱: [0.01515673]

连续或间断: [0.07317693]

笔画的粗细: [1.84128581]

字行趋向: [0.04614684]

字迹倾斜角度: [-0.04118983]

字体大小: [0.04614684]

字体样式: [0.]

整齐或杂乱: [0.01538116]

连续或间断: [0.07426673]

笔画的粗细: [1.66678716]

字行趋向: [0.01585071]

字迹倾斜角度: [-0.00062409]

字体大小: [0.01585071]

字体样式: [0.]

整齐或杂乱: [0.00023305]

连续或间断: [0.03142828]

笔画的粗细: [1.99495132]

字行趋向: [0.03054319]

字迹倾斜角度: [-0.03870021]

字体大小: [0.03054319]

字体样式: [0.]

整齐或杂乱: [0.0227308]

连续或间断: [0.08250972]

笔画的粗细: [2.21456997]

字行趋向: [0.04591732]

字迹倾斜角度: [-0.03999808]

字体大小: [0.04591732]

字体样式: [0.]

整齐或杂乱: [0.03822319]

连续或间断: [0.17419278]

笔画的粗细: [2.01335207]

字行趋向: [0.03099875]

字迹倾斜角度: [-0.00060603]

字体大小: [0.03099875]

字体样式: [0.]

整齐或杂乱: [0.00057914]

连续或间断: [0.03294231]

笔画的粗细: [2.21232352]

字行趋向: [0.01562119]

字迹倾斜角度: [-9.18229599e-06]

字体大小: [0.01562119]

字体样式: [0.]

整齐或杂乱: [8.77483792e-06]

连续或间断: [0.00049913]

笔画的粗细: [2.16988369]

字行趋向: [0.04569123]

字迹倾斜角度: [-1.39125697e-07]

字体大小: [0.04569123]

字体样式: [0.]

整齐或杂乱: [1.3295209e-07]

连续或间断: [0.06061362]

笔画的粗细: [2.13893763]

字行趋向: [0.01584381]

字迹倾斜角度: [-2.1079651e-09]

字体大小: [0.01584381]

字体样式: [0.]

整齐或杂乱: [2.0144256e-09]

连续或间断: [0.00091839]

笔画的粗细: [2.33543845]

字行趋向: [0.03054309]

字迹倾斜角度: [-3.19388652e-11]

字体大小: [0.03054309]

字体样式: [0.]

整齐或杂乱: [3.05216e-11]

连续或间断: [0.03031695]

笔画的粗细: [2.27023392]

字行趋向: [0.01561429]

字迹倾斜角度: [-4.839222e-13]

字体大小: [0.01561429]

字体样式: [0.]

整齐或杂乱: [4.62448485e-13]

连续或间断: [0.00045935]

笔画的粗细: [2.33742779]

字行趋向: [0.0153881]

字迹倾斜角度: [-7.33215454e-15]

字体大小: [0.0153881]

字体样式: [0.]

整齐或杂乱: [7.00679523e-15]

连续或间断: [6.95981297e-06]

笔画的粗细: [2.30814285]

字行趋向: [0.01538467]

字迹倾斜角度: [-1.11093251e-16]

字体大小: [0.01538467]

字体样式: [0.]

整齐或杂乱: [1.06163564e-16]

连续或间断: [1.05451712e-07]

笔画的粗细: [2.14103247]

字行趋向: [0.01538462]

字迹倾斜角度: [-1.68323107e-18]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [1.60853885e-18]

连续或间断: [1.59775321e-09]

笔画的粗细: [2.33547019]

字行趋向: [45.54568765]

字迹倾斜角度: [-0.0143229]

字体大小: [45.54568765]

字体样式: [0.]

整齐或杂乱: [84072.12121212]

连续或间断: [237.95702863]

笔画的粗细: [3.39449518]

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字行趋向: [0.025]

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字体大小: [0.025]

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整齐或杂乱: [0.]

连续或间断: [0.25]

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字行趋向: [0.025625]

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整齐或杂乱: [0.]

连续或间断: [0.00625]

笔画的粗细: [3.29145833]

字行趋向: [0.05064062]

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字体大小: [0.05064062]

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整齐或杂乱: [0.]

连续或间断: [0.05015625]

笔画的粗细: [3.38228646]

字行趋向: [0.05126602]

字迹倾斜角度: [-0.05890486]

字体大小: [0.05126602]

字体样式: [0.]

整齐或杂乱: [0.025]

连续或间断: [0.10125391]

笔画的粗细: [1.94705716]

字行趋向: [0.07628165]

字迹倾斜角度: [-0.06842125]

字体大小: [0.07628165]

字体样式: [0.]

整齐或杂乱: [0.025625]

连续或间断: [0.12324202]

笔画的粗细: [2.26950976]

字行趋向: [1.00190704]

字迹倾斜角度: [-0.05706797]

字体大小: [1.00190704]

字体样式: [0.]

整齐或杂乱: [7.06314062]

连续或间断: [3.95620331]

笔画的粗细: [4.26152035]

字行趋向: [1.52504768]

字迹倾斜角度: [0.03237649]

字体大小: [1.52504768]

字体样式: [0.]

整齐或杂乱: [13.86407852]

连续或间断: [8.24908358]

笔画的粗细: [5.30513782]

字行趋向: [2.01312619]

字迹倾斜角度: [-0.06164288]

字体大小: [2.01312619]

字体样式: [0.]

整齐或杂乱: [37.63410196]

连续或间断: [16.94341131]

笔画的粗细: [4.58623307]

字行趋向: [0.22532815]

字迹倾斜角度: [-0.07203712]

字体大小: [0.22532815]

字体样式: [0.]

整齐或杂乱: [2.84085255]

连续或间断: [1.89784934]

笔画的粗细: [3.5882008]

字行趋向: [0.9806332]

字迹倾斜角度: [-0.07621203]

字体大小: [0.9806332]

字体样式: [0.]

整齐或杂乱: [6.12102131]

连续或间断: [4.23237045]

笔画的粗细: [4.98074753]

字行趋向: [0.07451583]

字迹倾斜角度: [-0.0019053]

字体大小: [0.07451583]

字体样式: [0.]

整齐或杂乱: [0.15302553]

连续或间断: [0.15580926]

笔画的粗细: [3.41201869]

字行趋向: [0.0268629]

字迹倾斜角度: [-4.76325172e-05]

字体大小: [0.0268629]

字体样式: [0.]

整齐或杂乱: [0.00382564]

连续或间断: [0.00389523]

笔画的粗细: [2.76030047]

字行趋向: [0.05067157]

字迹倾斜角度: [-1.19081293e-06]

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整齐或杂乱: [9.5640958e-05]

连续或间断: [0.05009738]

笔画的粗细: [2.75650751]

字行趋向: [0.07626679]

字迹倾斜角度: [-0.06694866]

字体大小: [0.07626679]

字体样式: [0.]

整齐或杂乱: [0.02500239]

连续或间断: [0.12196311]

笔画的粗细: [2.77307935]

字行趋向: [0.02690667]

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字体大小: [0.02690667]

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连续或间断: [0.00304908]

笔画的粗细: [3.19432698]

字行趋向: [0.02567267]

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连续或间断: [7.62269446e-05]

笔画的粗细: [2.87985817]

字行趋向: [0.05064182]

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字体大小: [0.05064182]

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整齐或杂乱: [3.9066236e-07]

连续或间断: [0.05000191]

笔画的粗细: [2.10949645]

字行趋向: [0.05126605]

字迹倾斜角度: [-0.05890489]

字体大小: [0.05126605]

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整齐或杂乱: [0.02500001]

连续或间断: [0.10125005]

笔画的粗细: [1.01523741]

字行趋向: [0.05128165]

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整齐或杂乱: [0.025625]

连续或间断: [0.10253125]

笔画的粗细: [3.36288094]

字行趋向: [0.05128204]

字迹倾斜角度: [-0.06534919]

字体大小: [0.05128204]

字体样式: [0.]

整齐或杂乱: [0.03814063]

连续或间断: [0.13791862]

笔画的粗细: [2.47990536]

字行趋向: [0.02628205]

字迹倾斜角度: [-0.00163373]

字体大小: [0.02628205]

字体样式: [0.]

整齐或杂乱: [0.00095352]

连续或间断: [0.00344797]

笔画的粗细: [3.61199763]

字行趋向: [0.12565705]

字迹倾斜角度: [-0.05894571]

字体大小: [0.12565705]

字体样式: [0.]

整齐或杂乱: [0.93752384]

连续或间断: [0.98899492]

笔画的粗细: [3.18059406]

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字迹倾斜角度: [-0.00147364]

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整齐或杂乱: [0.0234381]

连续或间断: [0.02472487]

笔画的粗细: [3.82951485]

字行趋向: [0.07570354]

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字体大小: [0.07570354]

字体样式: [0.]

整齐或杂乱: [0.00058595]

连续或间断: [0.10061812]

笔画的粗细: [3.61240454]

字行趋向: [0.07689259]

字迹倾斜角度: [-9.21026648e-07]

字体大小: [0.07689259]

字体样式: [0.]

整齐或杂乱: [1.464881e-05]

连续或间断: [0.10251545]

笔画的粗细: [3.62364345]

字行趋向: [0.02692231]

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字体大小: [0.10067306]

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整齐或杂乱: [0.05000001]

连续或间断: [0.17077475]

笔画的粗细: [3.09601478]

字行趋向: [0.05251683]

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字体大小: [0.05251683]

字体样式: [0.]

整齐或杂乱: [0.00125]

连续或间断: [0.05426937]

笔画的粗细: [2.56490037]

字行趋向: [0.05131292]

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字体大小: [0.05131292]

字体样式: [0.]

整齐或杂乱: [3.12500057e-05]

连续或间断: [0.05135673]

笔画的粗细: [2.42662251]

字行趋向: [0.05128282]

字迹倾斜角度: [-9.20388482e-07]

字体大小: [0.05128282]

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整齐或杂乱: [7.81250143e-07]

连续或间断: [0.05128392]

笔画的粗细: [3.82316556]

字行趋向: [0.05128207]

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字体大小: [0.05128207]

字体样式: [0.]

整齐或杂乱: [1.95312536e-08]

连续或间断: [0.0512821]

笔画的粗细: [2.19557914]

字行趋向: [0.05128205]

字迹倾斜角度: [-5.75242801e-10]

字体大小: [0.05128205]

字体样式: [0.]

整齐或杂乱: [4.88281339e-10]

连续或间断: [0.05128205]

笔画的粗细: [1.36738948]

字行趋向: [0.02628205]

字迹倾斜角度: [-1.438107e-11]

字体大小: [0.02628205]

字体样式: [0.]

整齐或杂乱: [1.22070335e-11]

连续或间断: [0.00128205]

笔画的粗细: [3.78418474]

字行趋向: [0.07565705]

字迹倾斜角度: [-3.59526751e-13]

字体大小: [0.07565705]

字体样式: [0.]

整齐或杂乱: [3.05175837e-13]

连续或间断: [0.10003205]

笔画的粗细: [3.44460462]

字行趋向: [0.05189143]

字迹倾斜角度: [-8.98816877e-15]

字体大小: [0.05189143]

字体样式: [0.]

整齐或杂乱: [7.62939593e-15]

连续或间断: [0.0525008]

笔画的粗细: [3.46111512]

字行趋向: [0.02629729]

字迹倾斜角度: [-2.24704219e-16]

字体大小: [0.02629729]

字体样式: [0.]

整齐或杂乱: [1.90734898e-16]

连续或间断: [0.00131252]

笔画的粗细: [3.83652788]

字行趋向: [0.02565743]

字迹倾斜角度: [-5.61760548e-18]

字体大小: [0.02565743]

字体样式: [0.]

整齐或杂乱: [4.76837246e-18]

连续或间断: [3.28130008e-05]

笔画的粗细: [3.5459132]

字行趋向: [75.17564144]

字迹倾斜角度: [-0.02155425]

字体大小: [75.17564144]

字体样式: [0.]

整齐或杂乱: [141786.2125]

连续或间断: [281.48556494]

笔画的粗细: [5.67915599]

字行趋向: [1.92939104]

字迹倾斜角度: [-0.00053886]

字体大小: [1.92939104]

字体样式: [0.]

整齐或杂乱: [3544.6553125]

连续或间断: [7.08713912]

笔画的粗细: [3.6669789]

字行趋向: [0.09823478]

字迹倾斜角度: [-1.34714071e-05]

字体大小: [0.09823478]

字体样式: [0.]

整齐或杂乱: [88.61638281]

连续或间断: [0.22717848]

笔画的粗细: [3.81667447]

torch.Size([16, 6, 1])

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[1/100] loss:1.616: 2%|▏ | 1/52 [00:12<10:55, 12.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.591: 6%|▌ | 3/52 [00:13<02:45, 3.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.602: 10%|▉ | 5/52 [00:13<01:18, 1.68s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.528: 13%|█▎ | 7/52 [00:13<00:44, 1.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.536: 17%|█▋ | 9/52 [00:13<00:27, 1.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.529: 21%|██ | 11/52 [00:13<00:18, 2.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.494: 25%|██▌ | 13/52 [00:13<00:12, 3.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.459: 29%|██▉ | 15/52 [00:13<00:08, 4.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.476: 33%|███▎ | 17/52 [00:13<00:06, 5.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.429: 37%|███▋ | 19/52 [00:14<00:04, 6.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.432: 40%|████ | 21/52 [00:14<00:03, 8.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.395: 44%|████▍ | 23/52 [00:14<00:02, 9.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.424: 48%|████▊ | 25/52 [00:14<00:02, 11.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.421: 52%|█████▏ | 27/52 [00:14<00:02, 12.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.499: 56%|█████▌ | 29/52 [00:14<00:01, 13.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.375: 60%|█████▉ | 31/52 [00:14<00:01, 14.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.446: 63%|██████▎ | 33/52 [00:14<00:01, 14.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.435: 67%|██████▋ | 35/52 [00:15<00:01, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.420: 71%|███████ | 37/52 [00:15<00:01, 14.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.434: 75%|███████▌ | 39/52 [00:15<00:01, 10.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.408: 79%|███████▉ | 41/52 [00:15<00:00, 11.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.429: 83%|████████▎ | 43/52 [00:15<00:00, 12.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.420: 87%|████████▋ | 45/52 [00:15<00:00, 13.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.435: 90%|█████████ | 47/52 [00:16<00:00, 14.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.389: 94%|█████████▍| 49/52 [00:16<00:00, 14.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[1/100] loss:1.409: 98%|█████████▊| 51/52 [00:16<00:00, 15.05it/s]torch.Size([12, 6])

train epoch[1/100] loss:1.396: 100%|██████████| 52/52 [00:16<00:00, 3.13it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[1/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.98s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[1/100]: 50%|█████ | 3/6 [00:11<00:08, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[1/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[1/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 1] train\_loss: 1.468 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[2/100] loss:1.411: 2%|▏ | 1/52 [00:10<09:02, 10.63s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.431: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.440: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.423: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.403: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.407: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.404: 25%|██▌ | 13/52 [00:11<00:10, 3.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.368: 29%|██▉ | 15/52 [00:11<00:07, 4.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.463: 33%|███▎ | 17/52 [00:11<00:05, 6.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.400: 37%|███▋ | 19/52 [00:11<00:04, 7.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.408: 40%|████ | 21/52 [00:12<00:03, 8.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.407: 44%|████▍ | 23/52 [00:12<00:02, 9.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.426: 48%|████▊ | 25/52 [00:12<00:02, 10.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.411: 52%|█████▏ | 27/52 [00:12<00:02, 11.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.389: 56%|█████▌ | 29/52 [00:12<00:01, 12.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.387: 60%|█████▉ | 31/52 [00:12<00:01, 13.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.393: 63%|██████▎ | 33/52 [00:12<00:01, 13.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.434: 67%|██████▋ | 35/52 [00:12<00:01, 13.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.438: 71%|███████ | 37/52 [00:13<00:01, 13.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.387: 75%|███████▌ | 39/52 [00:13<00:00, 14.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.399: 79%|███████▉ | 41/52 [00:13<00:00, 14.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.388: 83%|████████▎ | 43/52 [00:13<00:00, 15.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.390: 87%|████████▋ | 45/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.382: 90%|█████████ | 47/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.443: 94%|█████████▍| 49/52 [00:13<00:00, 15.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[2/100] loss:1.418: 98%|█████████▊| 51/52 [00:14<00:00, 15.37it/s]torch.Size([12, 6])

train epoch[2/100] loss:1.356: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[2/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.79s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[2/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[2/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[2/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 2] train\_loss: 1.409 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[3/100] loss:1.362: 2%|▏ | 1/52 [00:10<09:11, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.410: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.400: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.406: 13%|█▎ | 7/52 [00:11<00:37, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.396: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.384: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.410: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.386: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.408: 33%|███▎ | 17/52 [00:11<00:05, 6.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.380: 37%|███▋ | 19/52 [00:11<00:04, 7.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.398: 40%|████ | 21/52 [00:12<00:03, 8.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.377: 44%|████▍ | 23/52 [00:12<00:02, 10.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.371: 48%|████▊ | 25/52 [00:12<00:02, 11.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.393: 52%|█████▏ | 27/52 [00:12<00:02, 12.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.413: 56%|█████▌ | 29/52 [00:12<00:01, 13.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.411: 60%|█████▉ | 31/52 [00:12<00:01, 13.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.412: 63%|██████▎ | 33/52 [00:12<00:01, 14.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.409: 67%|██████▋ | 35/52 [00:13<00:01, 14.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.384: 71%|███████ | 37/52 [00:13<00:01, 14.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.366: 75%|███████▌ | 39/52 [00:13<00:00, 14.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.389: 79%|███████▉ | 41/52 [00:13<00:00, 15.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.434: 83%|████████▎ | 43/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.443: 87%|████████▋ | 45/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.431: 90%|█████████ | 47/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.422: 94%|█████████▍| 49/52 [00:13<00:00, 15.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[3/100] loss:1.414: 98%|█████████▊| 51/52 [00:14<00:00, 15.75it/s]torch.Size([12, 6])

train epoch[3/100] loss:1.364: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[3/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.65s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[3/100]: 50%|█████ | 3/6 [00:10<00:08, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[3/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.39s/it]torch.Size([12, 6])

valid epoch[3/100]: 100%|██████████| 6/6 [00:11<00:00, 1.87s/it]

[epoch 3] train\_loss: 1.397 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[4/100] loss:1.402: 2%|▏ | 1/52 [00:10<09:06, 10.72s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.404: 6%|▌ | 3/52 [00:10<02:18, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.381: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.389: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.371: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.396: 21%|██ | 11/52 [00:11<00:15, 2.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.422: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.384: 29%|██▉ | 15/52 [00:11<00:07, 4.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.331: 33%|███▎ | 17/52 [00:11<00:05, 6.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.357: 37%|███▋ | 19/52 [00:11<00:04, 7.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.382: 40%|████ | 21/52 [00:11<00:03, 9.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.402: 44%|████▍ | 23/52 [00:12<00:02, 10.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.341: 48%|████▊ | 25/52 [00:12<00:02, 11.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.462: 52%|█████▏ | 27/52 [00:12<00:01, 12.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.407: 56%|█████▌ | 29/52 [00:12<00:01, 13.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.393: 60%|█████▉ | 31/52 [00:12<00:01, 13.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.342: 63%|██████▎ | 33/52 [00:12<00:01, 14.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.430: 67%|██████▋ | 35/52 [00:12<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.378: 71%|███████ | 37/52 [00:13<00:00, 15.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.416: 75%|███████▌ | 39/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.389: 79%|███████▉ | 41/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.358: 83%|████████▎ | 43/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.405: 87%|████████▋ | 45/52 [00:13<00:00, 15.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.386: 90%|█████████ | 47/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.356: 94%|█████████▍| 49/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[4/100] loss:1.406: 98%|█████████▊| 51/52 [00:13<00:00, 15.82it/s]torch.Size([12, 6])

train epoch[4/100] loss:1.492: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[4/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[4/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[4/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[4/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 4] train\_loss: 1.393 val\_accuracy: 0.326

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[5/100] loss:1.431: 2%|▏ | 1/52 [00:10<08:50, 10.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.389: 6%|▌ | 3/52 [00:10<02:14, 2.75s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.398: 10%|▉ | 5/52 [00:10<01:04, 1.37s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.396: 13%|█▎ | 7/52 [00:10<00:36, 1.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.327: 17%|█▋ | 9/52 [00:10<00:22, 1.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.386: 21%|██ | 11/52 [00:11<00:15, 2.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.406: 25%|██▌ | 13/52 [00:11<00:10, 3.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.337: 29%|██▉ | 15/52 [00:11<00:07, 4.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.388: 33%|███▎ | 17/52 [00:11<00:05, 6.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.395: 37%|███▋ | 19/52 [00:11<00:04, 7.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.392: 40%|████ | 21/52 [00:11<00:03, 9.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.397: 44%|████▍ | 23/52 [00:11<00:02, 10.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.371: 48%|████▊ | 25/52 [00:11<00:02, 11.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.381: 52%|█████▏ | 27/52 [00:12<00:01, 12.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.398: 56%|█████▌ | 29/52 [00:12<00:01, 13.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.348: 60%|█████▉ | 31/52 [00:12<00:01, 13.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.336: 63%|██████▎ | 33/52 [00:12<00:01, 14.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.368: 67%|██████▋ | 35/52 [00:12<00:01, 14.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.399: 71%|███████ | 37/52 [00:12<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.406: 75%|███████▌ | 39/52 [00:12<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.385: 79%|███████▉ | 41/52 [00:12<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.371: 83%|████████▎ | 43/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.384: 87%|████████▋ | 45/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.376: 90%|█████████ | 47/52 [00:13<00:00, 15.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.364: 94%|█████████▍| 49/52 [00:13<00:00, 15.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[5/100] loss:1.377: 98%|█████████▊| 51/52 [00:13<00:00, 15.87it/s]torch.Size([12, 6])

train epoch[5/100] loss:1.385: 100%|██████████| 52/52 [00:13<00:00, 3.73it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[5/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[5/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[5/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[5/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 5] train\_loss: 1.388 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[6/100] loss:1.383: 2%|▏ | 1/52 [00:12<10:32, 12.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.412: 6%|▌ | 3/52 [00:12<02:39, 3.26s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.374: 10%|▉ | 5/52 [00:12<01:15, 1.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.398: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.407: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.421: 21%|██ | 11/52 [00:13<00:17, 2.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.393: 25%|██▌ | 13/52 [00:13<00:11, 3.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.330: 29%|██▉ | 15/52 [00:13<00:08, 4.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.411: 33%|███▎ | 17/52 [00:13<00:06, 5.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.337: 37%|███▋ | 19/52 [00:13<00:04, 6.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.362: 40%|████ | 21/52 [00:13<00:03, 8.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.401: 44%|████▍ | 23/52 [00:13<00:03, 9.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.396: 48%|████▊ | 25/52 [00:13<00:02, 10.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.400: 52%|█████▏ | 27/52 [00:14<00:02, 11.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.416: 56%|█████▌ | 29/52 [00:14<00:01, 12.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.368: 60%|█████▉ | 31/52 [00:14<00:01, 13.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.393: 63%|██████▎ | 33/52 [00:14<00:01, 13.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.413: 67%|██████▋ | 35/52 [00:14<00:01, 13.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.362: 71%|███████ | 37/52 [00:14<00:01, 13.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.353: 75%|███████▌ | 39/52 [00:14<00:00, 14.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.402: 79%|███████▉ | 41/52 [00:15<00:00, 14.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.369: 83%|████████▎ | 43/52 [00:15<00:00, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.382: 87%|████████▋ | 45/52 [00:15<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.372: 90%|█████████ | 47/52 [00:15<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.344: 94%|█████████▍| 49/52 [00:15<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[6/100] loss:1.419: 98%|█████████▊| 51/52 [00:15<00:00, 15.51it/s]torch.Size([12, 6])

train epoch[6/100] loss:1.358: 100%|██████████| 52/52 [00:16<00:00, 3.24it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[6/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.92s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[6/100]: 50%|█████ | 3/6 [00:11<00:08, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[6/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[6/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 6] train\_loss: 1.383 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[7/100] loss:1.333: 2%|▏ | 1/52 [00:10<09:13, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.357: 6%|▌ | 3/52 [00:10<02:20, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.389: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.398: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.391: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.384: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.389: 25%|██▌ | 13/52 [00:11<00:10, 3.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.325: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.395: 33%|███▎ | 17/52 [00:11<00:05, 6.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.366: 37%|███▋ | 19/52 [00:12<00:04, 7.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.399: 40%|████ | 21/52 [00:12<00:03, 8.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.380: 44%|████▍ | 23/52 [00:12<00:02, 10.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.383: 48%|████▊ | 25/52 [00:12<00:02, 11.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.379: 52%|█████▏ | 27/52 [00:12<00:02, 12.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.391: 56%|█████▌ | 29/52 [00:12<00:01, 12.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.487: 60%|█████▉ | 31/52 [00:12<00:01, 13.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.376: 63%|██████▎ | 33/52 [00:12<00:01, 13.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.460: 67%|██████▋ | 35/52 [00:13<00:01, 14.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.368: 71%|███████ | 37/52 [00:13<00:01, 14.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.380: 75%|███████▌ | 39/52 [00:13<00:00, 14.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.446: 79%|███████▉ | 41/52 [00:13<00:00, 14.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.507: 83%|████████▎ | 43/52 [00:13<00:00, 15.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.452: 87%|████████▋ | 45/52 [00:13<00:00, 15.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.406: 90%|█████████ | 47/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.352: 94%|█████████▍| 49/52 [00:14<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[7/100] loss:1.405: 98%|█████████▊| 51/52 [00:14<00:00, 15.62it/s]torch.Size([12, 6])

train epoch[7/100] loss:1.342: 100%|██████████| 52/52 [00:14<00:00, 3.59it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[7/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.79s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[7/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[7/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[7/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 7] train\_loss: 1.387 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[8/100] loss:1.409: 2%|▏ | 1/52 [00:10<09:06, 10.71s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.410: 6%|▌ | 3/52 [00:10<02:18, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.421: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.333: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.400: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.412: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.429: 25%|██▌ | 13/52 [00:11<00:10, 3.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.399: 29%|██▉ | 15/52 [00:11<00:07, 4.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.407: 33%|███▎ | 17/52 [00:11<00:05, 6.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.366: 37%|███▋ | 19/52 [00:11<00:04, 7.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.395: 40%|████ | 21/52 [00:11<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.405: 44%|████▍ | 23/52 [00:12<00:02, 10.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.395: 48%|████▊ | 25/52 [00:12<00:02, 11.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.380: 52%|█████▏ | 27/52 [00:12<00:01, 12.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.364: 56%|█████▌ | 29/52 [00:12<00:01, 13.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.376: 60%|█████▉ | 31/52 [00:12<00:01, 14.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.373: 63%|██████▎ | 33/52 [00:12<00:01, 14.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.365: 67%|██████▋ | 35/52 [00:12<00:01, 14.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.397: 71%|███████ | 37/52 [00:12<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.369: 75%|███████▌ | 39/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.437: 79%|███████▉ | 41/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.374: 83%|████████▎ | 43/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.339: 87%|████████▋ | 45/52 [00:13<00:00, 15.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.461: 90%|█████████ | 47/52 [00:13<00:00, 15.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.375: 94%|█████████▍| 49/52 [00:13<00:00, 15.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[8/100] loss:1.379: 98%|█████████▊| 51/52 [00:13<00:00, 15.92it/s]torch.Size([12, 6])

train epoch[8/100] loss:1.506: 100%|██████████| 52/52 [00:14<00:00, 3.66it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[8/100]: 17%|█▋ | 1/6 [00:12<01:01, 12.26s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[8/100]: 50%|█████ | 3/6 [00:12<00:09, 3.23s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[8/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.60s/it]torch.Size([12, 6])

valid epoch[8/100]: 100%|██████████| 6/6 [00:12<00:00, 2.14s/it]

[epoch 8] train\_loss: 1.390 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[9/100] loss:1.410: 2%|▏ | 1/52 [00:10<09:04, 10.68s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.346: 6%|▌ | 3/52 [00:10<02:18, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.426: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.370: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.410: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.354: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.350: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.316: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.417: 33%|███▎ | 17/52 [00:11<00:05, 6.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.382: 37%|███▋ | 19/52 [00:11<00:04, 7.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.377: 40%|████ | 21/52 [00:11<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.381: 44%|████▍ | 23/52 [00:12<00:02, 10.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.388: 48%|████▊ | 25/52 [00:12<00:02, 11.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.368: 52%|█████▏ | 27/52 [00:12<00:01, 12.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.423: 56%|█████▌ | 29/52 [00:12<00:01, 13.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.329: 60%|█████▉ | 31/52 [00:12<00:01, 14.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.393: 63%|██████▎ | 33/52 [00:12<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.397: 67%|██████▋ | 35/52 [00:12<00:01, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.458: 71%|███████ | 37/52 [00:12<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.351: 75%|███████▌ | 39/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.352: 79%|███████▉ | 41/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.387: 83%|████████▎ | 43/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.401: 87%|████████▋ | 45/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.415: 90%|█████████ | 47/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.376: 94%|█████████▍| 49/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[9/100] loss:1.367: 98%|█████████▊| 51/52 [00:13<00:00, 15.86it/s]torch.Size([12, 6])

train epoch[9/100] loss:1.310: 100%|██████████| 52/52 [00:14<00:00, 3.66it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[9/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[9/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[9/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[9/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 9] train\_loss: 1.383 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[10/100] loss:1.372: 2%|▏ | 1/52 [00:11<09:28, 11.16s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.407: 6%|▌ | 3/52 [00:11<02:24, 2.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.412: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.384: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.380: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.356: 21%|██ | 11/52 [00:11<00:15, 2.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.393: 25%|██▌ | 13/52 [00:11<00:10, 3.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.379: 29%|██▉ | 15/52 [00:12<00:07, 4.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.422: 33%|███▎ | 17/52 [00:12<00:05, 6.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.366: 37%|███▋ | 19/52 [00:12<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.353: 40%|████ | 21/52 [00:12<00:03, 9.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.418: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.368: 48%|████▊ | 25/52 [00:12<00:02, 11.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.354: 52%|█████▏ | 27/52 [00:12<00:02, 12.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.373: 56%|█████▌ | 29/52 [00:12<00:01, 13.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.398: 60%|█████▉ | 31/52 [00:13<00:01, 13.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.377: 63%|██████▎ | 33/52 [00:13<00:01, 13.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.406: 67%|██████▋ | 35/52 [00:13<00:01, 14.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.453: 71%|███████ | 37/52 [00:13<00:01, 14.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.395: 75%|███████▌ | 39/52 [00:13<00:00, 14.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.371: 79%|███████▉ | 41/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.406: 83%|████████▎ | 43/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.392: 87%|████████▋ | 45/52 [00:13<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.379: 90%|█████████ | 47/52 [00:14<00:00, 16.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.393: 94%|█████████▍| 49/52 [00:14<00:00, 16.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[10/100] loss:1.395: 98%|█████████▊| 51/52 [00:14<00:00, 16.00it/s]torch.Size([12, 6])

train epoch[10/100] loss:1.373: 100%|██████████| 52/52 [00:14<00:00, 3.54it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[10/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.05s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[10/100]: 50%|█████ | 3/6 [00:11<00:08, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[10/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[10/100]: 100%|██████████| 6/6 [00:11<00:00, 1.94s/it]

[epoch 10] train\_loss: 1.385 val\_accuracy: 0.239

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[11/100] loss:1.357: 2%|▏ | 1/52 [00:11<09:30, 11.20s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.341: 6%|▌ | 3/52 [00:11<02:24, 2.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.416: 10%|▉ | 5/52 [00:11<01:08, 1.47s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.414: 13%|█▎ | 7/52 [00:11<00:39, 1.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.390: 17%|█▋ | 9/52 [00:11<00:24, 1.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.371: 21%|██ | 11/52 [00:11<00:16, 2.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.345: 25%|██▌ | 13/52 [00:11<00:10, 3.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.393: 29%|██▉ | 15/52 [00:12<00:07, 4.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.340: 33%|███▎ | 17/52 [00:12<00:05, 6.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.433: 37%|███▋ | 19/52 [00:12<00:04, 7.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.431: 40%|████ | 21/52 [00:12<00:03, 9.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.346: 44%|████▍ | 23/52 [00:12<00:02, 10.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.418: 48%|████▊ | 25/52 [00:12<00:02, 11.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.352: 52%|█████▏ | 27/52 [00:12<00:01, 12.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.353: 56%|█████▌ | 29/52 [00:12<00:01, 13.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.374: 60%|█████▉ | 31/52 [00:13<00:01, 14.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.332: 63%|██████▎ | 33/52 [00:13<00:01, 14.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.389: 67%|██████▋ | 35/52 [00:13<00:01, 14.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.369: 71%|███████ | 37/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.409: 75%|███████▌ | 39/52 [00:13<00:00, 15.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.365: 79%|███████▉ | 41/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.354: 83%|████████▎ | 43/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.373: 87%|████████▋ | 45/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.414: 90%|█████████ | 47/52 [00:14<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.350: 94%|█████████▍| 49/52 [00:14<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[11/100] loss:1.431: 98%|█████████▊| 51/52 [00:14<00:00, 15.93it/s]torch.Size([12, 6])

train epoch[11/100] loss:1.353: 100%|██████████| 52/52 [00:14<00:00, 3.54it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[11/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.93s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[11/100]: 50%|█████ | 3/6 [00:11<00:08, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[11/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[11/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 11] train\_loss: 1.374 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[12/100] loss:1.419: 2%|▏ | 1/52 [00:10<09:10, 10.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.380: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.439: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.343: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.423: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.475: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.380: 25%|██▌ | 13/52 [00:11<00:10, 3.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.326: 29%|██▉ | 15/52 [00:11<00:07, 4.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.390: 33%|███▎ | 17/52 [00:11<00:05, 6.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.360: 37%|███▋ | 19/52 [00:11<00:04, 7.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.380: 40%|████ | 21/52 [00:12<00:03, 9.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.370: 44%|████▍ | 23/52 [00:12<00:02, 10.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.361: 48%|████▊ | 25/52 [00:12<00:02, 11.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.444: 52%|█████▏ | 27/52 [00:12<00:01, 12.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.336: 56%|█████▌ | 29/52 [00:12<00:01, 13.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.393: 60%|█████▉ | 31/52 [00:12<00:01, 14.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.331: 63%|██████▎ | 33/52 [00:12<00:01, 14.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.430: 67%|██████▋ | 35/52 [00:12<00:01, 14.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.369: 71%|███████ | 37/52 [00:13<00:01, 14.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.395: 75%|███████▌ | 39/52 [00:13<00:00, 14.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.399: 79%|███████▉ | 41/52 [00:13<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.421: 83%|████████▎ | 43/52 [00:13<00:00, 15.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.394: 87%|████████▋ | 45/52 [00:13<00:00, 15.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.368: 90%|█████████ | 47/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.397: 94%|█████████▍| 49/52 [00:13<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[12/100] loss:1.392: 98%|█████████▊| 51/52 [00:13<00:00, 15.72it/s]torch.Size([12, 6])

train epoch[12/100] loss:1.376: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[12/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.92s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[12/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[12/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[12/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 12] train\_loss: 1.388 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[13/100] loss:1.359: 2%|▏ | 1/52 [00:10<09:01, 10.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.351: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.365: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.369: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.326: 17%|█▋ | 9/52 [00:11<00:23, 1.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.389: 21%|██ | 11/52 [00:11<00:15, 2.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.405: 25%|██▌ | 13/52 [00:11<00:10, 3.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.337: 29%|██▉ | 15/52 [00:11<00:07, 4.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.414: 33%|███▎ | 17/52 [00:11<00:05, 6.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.400: 37%|███▋ | 19/52 [00:11<00:04, 7.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.451: 40%|████ | 21/52 [00:11<00:03, 9.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.432: 44%|████▍ | 23/52 [00:11<00:02, 10.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.386: 48%|████▊ | 25/52 [00:12<00:02, 12.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.378: 52%|█████▏ | 27/52 [00:12<00:01, 13.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.410: 56%|█████▌ | 29/52 [00:12<00:01, 13.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.400: 60%|█████▉ | 31/52 [00:12<00:01, 14.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.335: 63%|██████▎ | 33/52 [00:12<00:01, 14.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.423: 67%|██████▋ | 35/52 [00:12<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.348: 71%|███████ | 37/52 [00:12<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.431: 75%|███████▌ | 39/52 [00:12<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.345: 79%|███████▉ | 41/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.391: 83%|████████▎ | 43/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.347: 87%|████████▋ | 45/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.420: 90%|█████████ | 47/52 [00:13<00:00, 16.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.391: 94%|█████████▍| 49/52 [00:13<00:00, 16.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[13/100] loss:1.449: 98%|█████████▊| 51/52 [00:13<00:00, 15.97it/s]torch.Size([12, 6])

train epoch[13/100] loss:1.361: 100%|██████████| 52/52 [00:14<00:00, 3.70it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[13/100]: 17%|█▋ | 1/6 [00:10<00:51, 10.34s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[13/100]: 50%|█████ | 3/6 [00:10<00:08, 2.73s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[13/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.36s/it]torch.Size([12, 6])

valid epoch[13/100]: 100%|██████████| 6/6 [00:10<00:00, 1.82s/it]

[epoch 13] train\_loss: 1.389 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[14/100] loss:1.308: 2%|▏ | 1/52 [00:11<09:29, 11.17s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.393: 6%|▌ | 3/52 [00:11<02:24, 2.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.383: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.418: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.415: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.414: 21%|██ | 11/52 [00:11<00:15, 2.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.429: 25%|██▌ | 13/52 [00:11<00:10, 3.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.342: 29%|██▉ | 15/52 [00:12<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.399: 33%|███▎ | 17/52 [00:12<00:05, 6.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.307: 37%|███▋ | 19/52 [00:12<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.421: 40%|████ | 21/52 [00:12<00:03, 9.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.388: 44%|████▍ | 23/52 [00:12<00:02, 10.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.408: 48%|████▊ | 25/52 [00:12<00:02, 11.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.368: 52%|█████▏ | 27/52 [00:12<00:02, 12.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.334: 56%|█████▌ | 29/52 [00:12<00:01, 13.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.343: 60%|█████▉ | 31/52 [00:13<00:01, 14.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.337: 63%|██████▎ | 33/52 [00:13<00:01, 14.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.348: 67%|██████▋ | 35/52 [00:13<00:01, 15.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.414: 71%|███████ | 37/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.366: 75%|███████▌ | 39/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.422: 79%|███████▉ | 41/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.371: 83%|████████▎ | 43/52 [00:13<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.382: 87%|████████▋ | 45/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.389: 90%|█████████ | 47/52 [00:14<00:00, 15.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.391: 94%|█████████▍| 49/52 [00:14<00:00, 15.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[14/100] loss:1.395: 98%|█████████▊| 51/52 [00:14<00:00, 15.79it/s]torch.Size([12, 6])

train epoch[14/100] loss:1.368: 100%|██████████| 52/52 [00:14<00:00, 3.55it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[14/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[14/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[14/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[14/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 14] train\_loss: 1.388 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[15/100] loss:1.360: 2%|▏ | 1/52 [00:10<09:01, 10.63s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.381: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.368: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.314: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.404: 17%|█▋ | 9/52 [00:11<00:23, 1.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.449: 21%|██ | 11/52 [00:11<00:15, 2.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.357: 25%|██▌ | 13/52 [00:11<00:10, 3.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.374: 29%|██▉ | 15/52 [00:11<00:07, 4.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.390: 33%|███▎ | 17/52 [00:11<00:05, 6.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.353: 37%|███▋ | 19/52 [00:11<00:04, 7.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.330: 40%|████ | 21/52 [00:11<00:03, 9.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.363: 44%|████▍ | 23/52 [00:11<00:02, 10.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.417: 48%|████▊ | 25/52 [00:12<00:02, 11.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.411: 52%|█████▏ | 27/52 [00:12<00:01, 12.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.375: 56%|█████▌ | 29/52 [00:12<00:01, 13.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.353: 60%|█████▉ | 31/52 [00:12<00:01, 14.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.343: 63%|██████▎ | 33/52 [00:12<00:01, 14.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.385: 67%|██████▋ | 35/52 [00:12<00:01, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.424: 71%|███████ | 37/52 [00:12<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.365: 75%|███████▌ | 39/52 [00:12<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.358: 79%|███████▉ | 41/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.366: 83%|████████▎ | 43/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.410: 87%|████████▋ | 45/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.395: 90%|█████████ | 47/52 [00:13<00:00, 15.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.363: 94%|█████████▍| 49/52 [00:13<00:00, 15.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[15/100] loss:1.361: 98%|█████████▊| 51/52 [00:13<00:00, 16.07it/s]torch.Size([12, 6])

train epoch[15/100] loss:1.504: 100%|██████████| 52/52 [00:14<00:00, 3.69it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[15/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[15/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[15/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[15/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 15] train\_loss: 1.380 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[16/100] loss:1.422: 2%|▏ | 1/52 [00:11<09:22, 11.04s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.373: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.386: 10%|▉ | 5/52 [00:11<01:08, 1.45s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.408: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.338: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.415: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.334: 25%|██▌ | 13/52 [00:11<00:10, 3.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.363: 29%|██▉ | 15/52 [00:11<00:07, 4.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.392: 33%|███▎ | 17/52 [00:12<00:05, 6.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.354: 37%|███▋ | 19/52 [00:12<00:04, 7.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.354: 40%|████ | 21/52 [00:12<00:03, 8.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.393: 44%|████▍ | 23/52 [00:12<00:02, 10.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.396: 48%|████▊ | 25/52 [00:12<00:02, 11.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.436: 52%|█████▏ | 27/52 [00:12<00:01, 12.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.383: 56%|█████▌ | 29/52 [00:12<00:01, 13.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.480: 60%|█████▉ | 31/52 [00:12<00:01, 13.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.378: 63%|██████▎ | 33/52 [00:13<00:01, 14.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.366: 67%|██████▋ | 35/52 [00:13<00:01, 14.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.391: 71%|███████ | 37/52 [00:13<00:01, 14.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.357: 75%|███████▌ | 39/52 [00:13<00:00, 15.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.367: 79%|███████▉ | 41/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.341: 83%|████████▎ | 43/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.385: 87%|████████▋ | 45/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.365: 90%|█████████ | 47/52 [00:13<00:00, 15.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.429: 94%|█████████▍| 49/52 [00:14<00:00, 15.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[16/100] loss:1.428: 98%|█████████▊| 51/52 [00:14<00:00, 16.01it/s]torch.Size([12, 6])

train epoch[16/100] loss:1.431: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[16/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[16/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[16/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[16/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 16] train\_loss: 1.385 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[17/100] loss:1.405: 2%|▏ | 1/52 [00:10<09:05, 10.70s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.407: 6%|▌ | 3/52 [00:10<02:18, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.416: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.427: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.395: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.417: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.357: 25%|██▌ | 13/52 [00:11<00:10, 3.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.396: 29%|██▉ | 15/52 [00:11<00:07, 4.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.357: 33%|███▎ | 17/52 [00:11<00:05, 6.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.392: 37%|███▋ | 19/52 [00:11<00:04, 7.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.371: 40%|████ | 21/52 [00:12<00:03, 9.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.380: 44%|████▍ | 23/52 [00:12<00:02, 10.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.419: 48%|████▊ | 25/52 [00:12<00:02, 11.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.418: 52%|█████▏ | 27/52 [00:12<00:01, 12.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.433: 56%|█████▌ | 29/52 [00:12<00:01, 13.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.376: 60%|█████▉ | 31/52 [00:12<00:01, 14.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.368: 63%|██████▎ | 33/52 [00:12<00:01, 14.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.438: 67%|██████▋ | 35/52 [00:12<00:01, 14.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.441: 71%|███████ | 37/52 [00:13<00:00, 15.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.461: 75%|███████▌ | 39/52 [00:13<00:00, 15.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.379: 79%|███████▉ | 41/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.420: 83%|████████▎ | 43/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.337: 87%|████████▋ | 45/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.332: 90%|█████████ | 47/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.415: 94%|█████████▍| 49/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[17/100] loss:1.411: 98%|█████████▊| 51/52 [00:13<00:00, 15.86it/s]torch.Size([12, 6])

train epoch[17/100] loss:1.347: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[17/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.70s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[17/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[17/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[17/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 17] train\_loss: 1.388 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[18/100] loss:1.489: 2%|▏ | 1/52 [00:10<09:11, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.404: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.389: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.340: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.381: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.336: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.359: 25%|██▌ | 13/52 [00:11<00:10, 3.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.386: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.473: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.375: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.372: 40%|████ | 21/52 [00:12<00:03, 9.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.405: 44%|████▍ | 23/52 [00:12<00:02, 10.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.459: 48%|████▊ | 25/52 [00:12<00:02, 11.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.353: 52%|█████▏ | 27/52 [00:12<00:01, 12.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.409: 56%|█████▌ | 29/52 [00:12<00:01, 13.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.373: 60%|█████▉ | 31/52 [00:12<00:01, 14.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.346: 63%|██████▎ | 33/52 [00:12<00:01, 14.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.435: 67%|██████▋ | 35/52 [00:12<00:01, 15.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.346: 71%|███████ | 37/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.269: 75%|███████▌ | 39/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.415: 79%|███████▉ | 41/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.423: 83%|████████▎ | 43/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.479: 87%|████████▋ | 45/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.347: 90%|█████████ | 47/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.360: 94%|█████████▍| 49/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[18/100] loss:1.401: 98%|█████████▊| 51/52 [00:14<00:00, 15.67it/s]torch.Size([12, 6])

train epoch[18/100] loss:1.371: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[18/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.70s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[18/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[18/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[18/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 18] train\_loss: 1.385 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[19/100] loss:1.418: 2%|▏ | 1/52 [00:10<09:10, 10.79s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.310: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.446: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.436: 13%|█▎ | 7/52 [00:11<00:37, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.371: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.388: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.315: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.426: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.443: 33%|███▎ | 17/52 [00:11<00:05, 6.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.328: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.300: 40%|████ | 21/52 [00:12<00:03, 9.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.390: 44%|████▍ | 23/52 [00:12<00:02, 10.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.332: 48%|████▊ | 25/52 [00:12<00:02, 11.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.385: 52%|█████▏ | 27/52 [00:12<00:01, 12.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.412: 56%|█████▌ | 29/52 [00:12<00:01, 13.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.373: 60%|█████▉ | 31/52 [00:12<00:01, 14.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.355: 63%|██████▎ | 33/52 [00:12<00:01, 14.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.375: 67%|██████▋ | 35/52 [00:12<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.350: 71%|███████ | 37/52 [00:13<00:00, 15.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.385: 75%|███████▌ | 39/52 [00:13<00:00, 15.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.414: 79%|███████▉ | 41/52 [00:13<00:00, 15.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.324: 83%|████████▎ | 43/52 [00:13<00:00, 15.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.295: 87%|████████▋ | 45/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.359: 90%|█████████ | 47/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.424: 94%|█████████▍| 49/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[19/100] loss:1.437: 98%|█████████▊| 51/52 [00:13<00:00, 15.62it/s]torch.Size([12, 6])

train epoch[19/100] loss:1.417: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[19/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.77s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[19/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[19/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[19/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 19] train\_loss: 1.384 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[20/100] loss:1.361: 2%|▏ | 1/52 [00:12<10:41, 12.58s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.369: 6%|▌ | 3/52 [00:12<02:42, 3.31s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.255: 10%|▉ | 5/52 [00:12<01:17, 1.64s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.416: 13%|█▎ | 7/52 [00:12<00:43, 1.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.329: 17%|█▋ | 9/52 [00:13<00:27, 1.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.446: 21%|██ | 11/52 [00:13<00:17, 2.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.436: 25%|██▌ | 13/52 [00:13<00:12, 3.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.345: 29%|██▉ | 15/52 [00:13<00:08, 4.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.416: 33%|███▎ | 17/52 [00:13<00:06, 5.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.381: 37%|███▋ | 19/52 [00:13<00:04, 7.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.374: 40%|████ | 21/52 [00:13<00:03, 8.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.373: 44%|████▍ | 23/52 [00:13<00:02, 9.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.394: 48%|████▊ | 25/52 [00:14<00:02, 11.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.429: 52%|█████▏ | 27/52 [00:14<00:02, 12.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.400: 56%|█████▌ | 29/52 [00:14<00:01, 13.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.403: 60%|█████▉ | 31/52 [00:14<00:01, 13.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.365: 63%|██████▎ | 33/52 [00:14<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.361: 67%|██████▋ | 35/52 [00:14<00:01, 14.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.367: 71%|███████ | 37/52 [00:14<00:00, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.352: 75%|███████▌ | 39/52 [00:14<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.365: 79%|███████▉ | 41/52 [00:15<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.408: 83%|████████▎ | 43/52 [00:15<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.412: 87%|████████▋ | 45/52 [00:15<00:00, 15.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.389: 90%|█████████ | 47/52 [00:15<00:00, 15.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.419: 94%|█████████▍| 49/52 [00:15<00:00, 15.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[20/100] loss:1.405: 98%|█████████▊| 51/52 [00:15<00:00, 15.87it/s]torch.Size([12, 6])

train epoch[20/100] loss:1.404: 100%|██████████| 52/52 [00:16<00:00, 3.23it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[20/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.67s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[20/100]: 50%|█████ | 3/6 [00:10<00:08, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[20/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[20/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 20] train\_loss: 1.385 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[21/100] loss:1.406: 2%|▏ | 1/52 [00:11<09:22, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.339: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.474: 10%|▉ | 5/52 [00:11<01:07, 1.45s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.378: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.481: 17%|█▋ | 9/52 [00:11<00:24, 1.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.374: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.455: 25%|██▌ | 13/52 [00:11<00:10, 3.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.392: 29%|██▉ | 15/52 [00:11<00:07, 4.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.388: 33%|███▎ | 17/52 [00:12<00:05, 6.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.421: 37%|███▋ | 19/52 [00:12<00:04, 7.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.408: 40%|████ | 21/52 [00:12<00:03, 8.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.410: 44%|████▍ | 23/52 [00:12<00:02, 10.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.419: 48%|████▊ | 25/52 [00:12<00:02, 11.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.373: 52%|█████▏ | 27/52 [00:12<00:02, 12.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.313: 56%|█████▌ | 29/52 [00:12<00:01, 13.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.461: 60%|█████▉ | 31/52 [00:12<00:01, 13.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.415: 63%|██████▎ | 33/52 [00:13<00:01, 14.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.365: 67%|██████▋ | 35/52 [00:13<00:01, 14.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.381: 71%|███████ | 37/52 [00:13<00:01, 14.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.347: 75%|███████▌ | 39/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.366: 79%|███████▉ | 41/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.358: 83%|████████▎ | 43/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.356: 87%|████████▋ | 45/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.391: 90%|█████████ | 47/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.361: 94%|█████████▍| 49/52 [00:14<00:00, 15.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[21/100] loss:1.385: 98%|█████████▊| 51/52 [00:14<00:00, 15.64it/s]torch.Size([12, 6])

train epoch[21/100] loss:1.390: 100%|██████████| 52/52 [00:14<00:00, 3.56it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[21/100]: 17%|█▋ | 1/6 [00:11<00:56, 11.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[21/100]: 50%|█████ | 3/6 [00:11<00:08, 3.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[21/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.49s/it]torch.Size([12, 6])

valid epoch[21/100]: 100%|██████████| 6/6 [00:11<00:00, 2.00s/it]

[epoch 21] train\_loss: 1.389 val\_accuracy: 0.239

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[22/100] loss:1.401: 2%|▏ | 1/52 [00:10<09:06, 10.71s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.370: 6%|▌ | 3/52 [00:10<02:18, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.376: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.392: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.339: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.367: 21%|██ | 11/52 [00:11<00:15, 2.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.445: 25%|██▌ | 13/52 [00:11<00:10, 3.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.302: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.434: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.425: 37%|███▋ | 19/52 [00:11<00:04, 7.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.359: 40%|████ | 21/52 [00:12<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.423: 44%|████▍ | 23/52 [00:12<00:02, 10.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.431: 48%|████▊ | 25/52 [00:12<00:02, 11.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.379: 52%|█████▏ | 27/52 [00:12<00:01, 12.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.446: 56%|█████▌ | 29/52 [00:12<00:01, 13.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.413: 60%|█████▉ | 31/52 [00:12<00:01, 13.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.364: 63%|██████▎ | 33/52 [00:12<00:01, 14.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.335: 67%|██████▋ | 35/52 [00:12<00:01, 15.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.340: 71%|███████ | 37/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.383: 75%|███████▌ | 39/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.383: 79%|███████▉ | 41/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.313: 83%|████████▎ | 43/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.435: 87%|████████▋ | 45/52 [00:14<00:01, 6.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.385: 90%|█████████ | 47/52 [00:14<00:00, 8.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.369: 94%|█████████▍| 49/52 [00:14<00:00, 9.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[22/100] loss:1.383: 98%|█████████▊| 51/52 [00:14<00:00, 11.04it/s]torch.Size([12, 6])

train epoch[22/100] loss:1.413: 100%|██████████| 52/52 [00:14<00:00, 3.51it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[22/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[22/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[22/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[22/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 22] train\_loss: 1.385 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[23/100] loss:1.327: 2%|▏ | 1/52 [00:10<09:15, 10.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.406: 6%|▌ | 3/52 [00:11<02:20, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.421: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.364: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.365: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.352: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.392: 25%|██▌ | 13/52 [00:11<00:10, 3.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.371: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.432: 33%|███▎ | 17/52 [00:11<00:05, 6.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.353: 37%|███▋ | 19/52 [00:12<00:04, 7.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.377: 40%|████ | 21/52 [00:12<00:03, 8.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.345: 44%|████▍ | 23/52 [00:12<00:02, 10.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.359: 48%|████▊ | 25/52 [00:12<00:02, 11.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.342: 52%|█████▏ | 27/52 [00:12<00:01, 12.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.362: 56%|█████▌ | 29/52 [00:12<00:01, 13.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.407: 60%|█████▉ | 31/52 [00:12<00:01, 14.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.388: 63%|██████▎ | 33/52 [00:12<00:01, 14.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.293: 67%|██████▋ | 35/52 [00:13<00:01, 14.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.366: 71%|███████ | 37/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.401: 75%|███████▌ | 39/52 [00:13<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.473: 79%|███████▉ | 41/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.449: 83%|████████▎ | 43/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.360: 87%|████████▋ | 45/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.377: 90%|█████████ | 47/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.432: 94%|█████████▍| 49/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[23/100] loss:1.467: 98%|█████████▊| 51/52 [00:14<00:00, 15.71it/s]torch.Size([12, 6])

train epoch[23/100] loss:1.496: 100%|██████████| 52/52 [00:14<00:00, 3.60it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[23/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.74s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[23/100]: 50%|█████ | 3/6 [00:10<00:08, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[23/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[23/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 23] train\_loss: 1.387 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[24/100] loss:1.423: 2%|▏ | 1/52 [00:10<09:12, 10.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.396: 6%|▌ | 3/52 [00:10<02:19, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.400: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.407: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.319: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.379: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.447: 25%|██▌ | 13/52 [00:11<00:10, 3.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.392: 29%|██▉ | 15/52 [00:11<00:07, 4.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.430: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.427: 37%|███▋ | 19/52 [00:11<00:04, 7.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.379: 40%|████ | 21/52 [00:12<00:03, 9.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.422: 44%|████▍ | 23/52 [00:12<00:02, 10.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.460: 48%|████▊ | 25/52 [00:12<00:02, 11.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.425: 52%|█████▏ | 27/52 [00:12<00:01, 12.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.357: 56%|█████▌ | 29/52 [00:12<00:01, 13.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.342: 60%|█████▉ | 31/52 [00:12<00:01, 13.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.373: 63%|██████▎ | 33/52 [00:12<00:01, 14.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.430: 67%|██████▋ | 35/52 [00:12<00:01, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.377: 71%|███████ | 37/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.434: 75%|███████▌ | 39/52 [00:13<00:00, 15.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.368: 79%|███████▉ | 41/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.362: 83%|████████▎ | 43/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.393: 87%|████████▋ | 45/52 [00:13<00:00, 15.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.403: 90%|█████████ | 47/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.310: 94%|█████████▍| 49/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[24/100] loss:1.445: 98%|█████████▊| 51/52 [00:14<00:00, 15.47it/s]torch.Size([12, 6])

train epoch[24/100] loss:1.500: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[24/100]: 17%|█▋ | 1/6 [00:12<01:03, 12.61s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[24/100]: 50%|█████ | 3/6 [00:12<00:09, 3.31s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[24/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.64s/it]torch.Size([12, 6])

valid epoch[24/100]: 100%|██████████| 6/6 [00:13<00:00, 2.20s/it]

[epoch 24] train\_loss: 1.393 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[25/100] loss:1.399: 2%|▏ | 1/52 [00:11<09:26, 11.12s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.373: 6%|▌ | 3/52 [00:11<02:23, 2.93s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.318: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.414: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.374: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.438: 21%|██ | 11/52 [00:11<00:15, 2.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.295: 25%|██▌ | 13/52 [00:11<00:10, 3.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.422: 29%|██▉ | 15/52 [00:12<00:07, 4.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.334: 33%|███▎ | 17/52 [00:12<00:05, 6.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.365: 37%|███▋ | 19/52 [00:12<00:04, 7.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.409: 40%|████ | 21/52 [00:12<00:03, 8.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.399: 44%|████▍ | 23/52 [00:12<00:02, 10.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.372: 48%|████▊ | 25/52 [00:12<00:02, 11.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.349: 52%|█████▏ | 27/52 [00:12<00:01, 12.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.382: 56%|█████▌ | 29/52 [00:12<00:01, 13.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.387: 60%|█████▉ | 31/52 [00:13<00:01, 14.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.390: 63%|██████▎ | 33/52 [00:13<00:01, 14.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.351: 67%|██████▋ | 35/52 [00:13<00:01, 14.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.382: 71%|███████ | 37/52 [00:13<00:00, 15.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.392: 75%|███████▌ | 39/52 [00:13<00:00, 15.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.429: 79%|███████▉ | 41/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.348: 83%|████████▎ | 43/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.350: 87%|████████▋ | 45/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.356: 90%|█████████ | 47/52 [00:14<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.434: 94%|█████████▍| 49/52 [00:14<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[25/100] loss:1.413: 98%|█████████▊| 51/52 [00:14<00:00, 15.58it/s]torch.Size([12, 6])

train epoch[25/100] loss:1.437: 100%|██████████| 52/52 [00:14<00:00, 3.55it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[25/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.96s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[25/100]: 50%|█████ | 3/6 [00:11<00:08, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[25/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[25/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 25] train\_loss: 1.382 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[26/100] loss:1.370: 2%|▏ | 1/52 [00:10<09:11, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.347: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.344: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.341: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.385: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.339: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.405: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.326: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.332: 33%|███▎ | 17/52 [00:11<00:05, 6.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.431: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.423: 40%|████ | 21/52 [00:12<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.340: 44%|████▍ | 23/52 [00:12<00:02, 10.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.411: 48%|████▊ | 25/52 [00:12<00:02, 11.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.338: 52%|█████▏ | 27/52 [00:12<00:01, 12.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.455: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.347: 60%|█████▉ | 31/52 [00:12<00:01, 14.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.398: 63%|██████▎ | 33/52 [00:12<00:01, 14.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.419: 67%|██████▋ | 35/52 [00:12<00:01, 14.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.404: 71%|███████ | 37/52 [00:13<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.436: 75%|███████▌ | 39/52 [00:13<00:00, 15.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.439: 79%|███████▉ | 41/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.426: 83%|████████▎ | 43/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.403: 87%|████████▋ | 45/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.403: 90%|█████████ | 47/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.379: 94%|█████████▍| 49/52 [00:13<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[26/100] loss:1.372: 98%|█████████▊| 51/52 [00:14<00:00, 15.40it/s]torch.Size([12, 6])

train epoch[26/100] loss:1.357: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[26/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[26/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[26/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[26/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 26] train\_loss: 1.391 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[27/100] loss:1.377: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.404: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.361: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.444: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.401: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.388: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.451: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.389: 29%|██▉ | 15/52 [00:11<00:07, 4.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.329: 33%|███▎ | 17/52 [00:12<00:05, 6.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.388: 37%|███▋ | 19/52 [00:12<00:04, 7.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.436: 40%|████ | 21/52 [00:12<00:03, 8.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.404: 44%|████▍ | 23/52 [00:12<00:02, 10.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.392: 48%|████▊ | 25/52 [00:12<00:02, 11.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.403: 52%|█████▏ | 27/52 [00:12<00:02, 12.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.368: 56%|█████▌ | 29/52 [00:12<00:01, 13.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.371: 60%|█████▉ | 31/52 [00:12<00:01, 13.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.399: 63%|██████▎ | 33/52 [00:13<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.335: 67%|██████▋ | 35/52 [00:13<00:01, 14.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.358: 71%|███████ | 37/52 [00:13<00:00, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.445: 75%|███████▌ | 39/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.404: 79%|███████▉ | 41/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.402: 83%|████████▎ | 43/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.411: 87%|████████▋ | 45/52 [00:13<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.362: 90%|█████████ | 47/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.439: 94%|█████████▍| 49/52 [00:14<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[27/100] loss:1.365: 98%|█████████▊| 51/52 [00:14<00:00, 15.55it/s]torch.Size([12, 6])

train epoch[27/100] loss:1.411: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[27/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[27/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[27/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[27/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 27] train\_loss: 1.390 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[28/100] loss:1.335: 2%|▏ | 1/52 [00:10<09:00, 10.60s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.424: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.435: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.402: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.385: 17%|█▋ | 9/52 [00:11<00:23, 1.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.342: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.349: 25%|██▌ | 13/52 [00:11<00:10, 3.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.362: 29%|██▉ | 15/52 [00:11<00:07, 4.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.388: 33%|███▎ | 17/52 [00:11<00:05, 6.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.415: 37%|███▋ | 19/52 [00:11<00:04, 7.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.422: 40%|████ | 21/52 [00:11<00:03, 9.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.344: 44%|████▍ | 23/52 [00:12<00:02, 10.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.378: 48%|████▊ | 25/52 [00:12<00:02, 11.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.456: 52%|█████▏ | 27/52 [00:12<00:01, 12.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.373: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.393: 60%|█████▉ | 31/52 [00:12<00:01, 14.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.366: 63%|██████▎ | 33/52 [00:12<00:01, 14.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.364: 67%|██████▋ | 35/52 [00:12<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.467: 71%|███████ | 37/52 [00:12<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.358: 75%|███████▌ | 39/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.373: 79%|███████▉ | 41/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.519: 83%|████████▎ | 43/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.379: 87%|████████▋ | 45/52 [00:13<00:00, 15.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.427: 90%|█████████ | 47/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.358: 94%|█████████▍| 49/52 [00:13<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[28/100] loss:1.384: 98%|█████████▊| 51/52 [00:13<00:00, 15.86it/s]torch.Size([12, 6])

train epoch[28/100] loss:1.450: 100%|██████████| 52/52 [00:14<00:00, 3.68it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[28/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.70s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[28/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[28/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[28/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 28] train\_loss: 1.388 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[29/100] loss:1.348: 2%|▏ | 1/52 [00:12<10:32, 12.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.347: 6%|▌ | 3/52 [00:12<02:39, 3.27s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.374: 10%|▉ | 5/52 [00:12<01:16, 1.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.397: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.375: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.318: 21%|██ | 11/52 [00:13<00:17, 2.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.429: 25%|██▌ | 13/52 [00:13<00:11, 3.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.409: 29%|██▉ | 15/52 [00:13<00:08, 4.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.344: 33%|███▎ | 17/52 [00:13<00:06, 5.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.401: 37%|███▋ | 19/52 [00:13<00:04, 7.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.362: 40%|████ | 21/52 [00:13<00:03, 8.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.319: 44%|████▍ | 23/52 [00:13<00:02, 9.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.344: 48%|████▊ | 25/52 [00:13<00:02, 11.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.376: 52%|█████▏ | 27/52 [00:14<00:02, 12.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.369: 56%|█████▌ | 29/52 [00:14<00:01, 13.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.375: 60%|█████▉ | 31/52 [00:14<00:01, 14.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.366: 63%|██████▎ | 33/52 [00:14<00:01, 14.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.356: 67%|██████▋ | 35/52 [00:14<00:01, 15.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.356: 71%|███████ | 37/52 [00:14<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.427: 75%|███████▌ | 39/52 [00:14<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.437: 79%|███████▉ | 41/52 [00:14<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.459: 83%|████████▎ | 43/52 [00:15<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.386: 87%|████████▋ | 45/52 [00:15<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.409: 90%|█████████ | 47/52 [00:15<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.417: 94%|█████████▍| 49/52 [00:15<00:00, 15.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[29/100] loss:1.380: 98%|█████████▊| 51/52 [00:15<00:00, 15.92it/s]torch.Size([12, 6])

train epoch[29/100] loss:1.382: 100%|██████████| 52/52 [00:15<00:00, 3.27it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[29/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.65s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[29/100]: 50%|█████ | 3/6 [00:10<00:08, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[29/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[29/100]: 100%|██████████| 6/6 [00:11<00:00, 1.87s/it]

[epoch 29] train\_loss: 1.379 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[30/100] loss:1.338: 2%|▏ | 1/52 [00:10<09:01, 10.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.376: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.419: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.378: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.430: 17%|█▋ | 9/52 [00:11<00:23, 1.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.338: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.321: 25%|██▌ | 13/52 [00:11<00:10, 3.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.465: 29%|██▉ | 15/52 [00:11<00:07, 4.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.369: 33%|███▎ | 17/52 [00:11<00:05, 6.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.306: 37%|███▋ | 19/52 [00:11<00:04, 7.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.394: 40%|████ | 21/52 [00:11<00:03, 9.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.303: 44%|████▍ | 23/52 [00:12<00:02, 10.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.382: 48%|████▊ | 25/52 [00:12<00:02, 11.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.364: 52%|█████▏ | 27/52 [00:12<00:01, 12.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.354: 56%|█████▌ | 29/52 [00:12<00:01, 13.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.369: 60%|█████▉ | 31/52 [00:12<00:01, 14.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.431: 63%|██████▎ | 33/52 [00:12<00:01, 14.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.379: 67%|██████▋ | 35/52 [00:12<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.330: 71%|███████ | 37/52 [00:12<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.367: 75%|███████▌ | 39/52 [00:13<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.440: 79%|███████▉ | 41/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.416: 83%|████████▎ | 43/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.335: 87%|████████▋ | 45/52 [00:13<00:00, 15.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.442: 90%|█████████ | 47/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.442: 94%|█████████▍| 49/52 [00:13<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[30/100] loss:1.447: 98%|█████████▊| 51/52 [00:13<00:00, 15.79it/s]torch.Size([12, 6])

train epoch[30/100] loss:1.348: 100%|██████████| 52/52 [00:14<00:00, 3.68it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[30/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[30/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[30/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[30/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 30] train\_loss: 1.384 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[31/100] loss:1.265: 2%|▏ | 1/52 [00:10<09:08, 10.76s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.372: 6%|▌ | 3/52 [00:10<02:19, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.342: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.394: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.410: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.376: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.388: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.347: 29%|██▉ | 15/52 [00:11<00:07, 4.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.448: 33%|███▎ | 17/52 [00:11<00:05, 6.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.399: 37%|███▋ | 19/52 [00:11<00:04, 7.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.416: 40%|████ | 21/52 [00:12<00:03, 9.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.393: 44%|████▍ | 23/52 [00:12<00:02, 10.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.359: 48%|████▊ | 25/52 [00:12<00:02, 11.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.339: 52%|█████▏ | 27/52 [00:12<00:01, 12.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.410: 56%|█████▌ | 29/52 [00:12<00:01, 13.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.348: 60%|█████▉ | 31/52 [00:12<00:01, 14.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.368: 63%|██████▎ | 33/52 [00:12<00:01, 14.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.383: 67%|██████▋ | 35/52 [00:12<00:01, 14.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.360: 71%|███████ | 37/52 [00:13<00:00, 15.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.405: 75%|███████▌ | 39/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.358: 79%|███████▉ | 41/52 [00:13<00:00, 15.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.368: 83%|████████▎ | 43/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.380: 87%|████████▋ | 45/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.434: 90%|█████████ | 47/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.332: 94%|█████████▍| 49/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[31/100] loss:1.390: 98%|█████████▊| 51/52 [00:13<00:00, 15.71it/s]torch.Size([12, 6])

train epoch[31/100] loss:1.394: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[31/100]: 17%|█▋ | 1/6 [00:12<01:03, 12.67s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[31/100]: 50%|█████ | 3/6 [00:12<00:09, 3.33s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[31/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.65s/it]torch.Size([12, 6])

valid epoch[31/100]: 100%|██████████| 6/6 [00:13<00:00, 2.21s/it]

[epoch 31] train\_loss: 1.381 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[32/100] loss:1.359: 2%|▏ | 1/52 [00:11<09:25, 11.09s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.352: 6%|▌ | 3/52 [00:11<02:23, 2.92s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.428: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.405: 13%|█▎ | 7/52 [00:11<00:38, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.321: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.376: 21%|██ | 11/52 [00:11<00:15, 2.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.387: 25%|██▌ | 13/52 [00:11<00:10, 3.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.310: 29%|██▉ | 15/52 [00:11<00:07, 4.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.400: 33%|███▎ | 17/52 [00:12<00:05, 6.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.386: 37%|███▋ | 19/52 [00:12<00:04, 7.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.420: 40%|████ | 21/52 [00:12<00:03, 8.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.393: 44%|████▍ | 23/52 [00:12<00:02, 10.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.411: 48%|████▊ | 25/52 [00:12<00:02, 11.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.320: 52%|█████▏ | 27/52 [00:12<00:02, 12.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.274: 56%|█████▌ | 29/52 [00:12<00:01, 13.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.446: 60%|█████▉ | 31/52 [00:13<00:01, 13.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.381: 63%|██████▎ | 33/52 [00:13<00:01, 14.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.432: 67%|██████▋ | 35/52 [00:13<00:01, 14.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.440: 71%|███████ | 37/52 [00:13<00:00, 15.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.341: 75%|███████▌ | 39/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.382: 79%|███████▉ | 41/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.340: 83%|████████▎ | 43/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.408: 87%|████████▋ | 45/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.490: 90%|█████████ | 47/52 [00:14<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.386: 94%|█████████▍| 49/52 [00:14<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[32/100] loss:1.398: 98%|█████████▊| 51/52 [00:14<00:00, 15.54it/s]torch.Size([12, 6])

train epoch[32/100] loss:1.270: 100%|██████████| 52/52 [00:14<00:00, 3.55it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[32/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.64s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[32/100]: 50%|█████ | 3/6 [00:10<00:08, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[32/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.39s/it]torch.Size([12, 6])

valid epoch[32/100]: 100%|██████████| 6/6 [00:11<00:00, 1.87s/it]

[epoch 32] train\_loss: 1.378 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[33/100] loss:1.479: 2%|▏ | 1/52 [00:10<09:08, 10.76s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.355: 6%|▌ | 3/52 [00:10<02:19, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.383: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.322: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.436: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.370: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.392: 25%|██▌ | 13/52 [00:11<00:10, 3.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.340: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.409: 33%|███▎ | 17/52 [00:11<00:05, 6.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.339: 37%|███▋ | 19/52 [00:11<00:04, 7.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.466: 40%|████ | 21/52 [00:12<00:03, 9.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.362: 44%|████▍ | 23/52 [00:12<00:02, 10.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.350: 48%|████▊ | 25/52 [00:12<00:02, 11.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.366: 52%|█████▏ | 27/52 [00:12<00:01, 12.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.366: 56%|█████▌ | 29/52 [00:12<00:01, 13.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.452: 60%|█████▉ | 31/52 [00:12<00:01, 14.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.347: 63%|██████▎ | 33/52 [00:12<00:01, 14.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.367: 67%|██████▋ | 35/52 [00:12<00:01, 15.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.413: 71%|███████ | 37/52 [00:13<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.413: 75%|███████▌ | 39/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.442: 79%|███████▉ | 41/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.388: 83%|████████▎ | 43/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.347: 87%|████████▋ | 45/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.339: 90%|█████████ | 47/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.374: 94%|█████████▍| 49/52 [00:13<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[33/100] loss:1.405: 98%|█████████▊| 51/52 [00:13<00:00, 15.69it/s]torch.Size([12, 6])

train epoch[33/100] loss:1.280: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[33/100]: 17%|█▋ | 1/6 [00:12<01:00, 12.04s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[33/100]: 50%|█████ | 3/6 [00:12<00:09, 3.16s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[33/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.57s/it]torch.Size([12, 6])

valid epoch[33/100]: 100%|██████████| 6/6 [00:12<00:00, 2.10s/it]

[epoch 33] train\_loss: 1.383 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[34/100] loss:1.367: 2%|▏ | 1/52 [00:10<09:02, 10.65s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.374: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.393: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.395: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.384: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.393: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.351: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.328: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.388: 33%|███▎ | 17/52 [00:11<00:05, 6.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.385: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.420: 40%|████ | 21/52 [00:11<00:03, 9.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.373: 44%|████▍ | 23/52 [00:12<00:02, 10.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.307: 48%|████▊ | 25/52 [00:12<00:02, 11.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.365: 52%|█████▏ | 27/52 [00:12<00:01, 12.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.417: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.369: 60%|█████▉ | 31/52 [00:12<00:01, 13.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.347: 63%|██████▎ | 33/52 [00:12<00:01, 14.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.392: 67%|██████▋ | 35/52 [00:12<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.382: 71%|███████ | 37/52 [00:12<00:00, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.406: 75%|███████▌ | 39/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.379: 79%|███████▉ | 41/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.339: 83%|████████▎ | 43/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.404: 87%|████████▋ | 45/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.363: 90%|█████████ | 47/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.398: 94%|█████████▍| 49/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[34/100] loss:1.405: 98%|█████████▊| 51/52 [00:13<00:00, 15.83it/s]torch.Size([12, 6])

train epoch[34/100] loss:1.420: 100%|██████████| 52/52 [00:14<00:00, 3.67it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[34/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.05s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[34/100]: 50%|█████ | 3/6 [00:11<00:08, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[34/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.45s/it]torch.Size([12, 6])

valid epoch[34/100]: 100%|██████████| 6/6 [00:11<00:00, 1.94s/it]

[epoch 34] train\_loss: 1.384 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[35/100] loss:1.455: 2%|▏ | 1/52 [00:10<09:10, 10.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.347: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.345: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.362: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.345: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.451: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.324: 25%|██▌ | 13/52 [00:11<00:10, 3.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.344: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.472: 33%|███▎ | 17/52 [00:11<00:05, 6.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.439: 37%|███▋ | 19/52 [00:11<00:04, 7.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.355: 40%|████ | 21/52 [00:12<00:03, 9.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.409: 44%|████▍ | 23/52 [00:12<00:02, 10.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.387: 48%|████▊ | 25/52 [00:12<00:02, 11.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.380: 52%|█████▏ | 27/52 [00:12<00:01, 12.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.331: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.394: 60%|█████▉ | 31/52 [00:12<00:01, 14.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.305: 63%|██████▎ | 33/52 [00:12<00:01, 14.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.466: 67%|██████▋ | 35/52 [00:12<00:01, 14.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.345: 71%|███████ | 37/52 [00:13<00:00, 15.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.406: 75%|███████▌ | 39/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.394: 79%|███████▉ | 41/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.354: 83%|████████▎ | 43/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.370: 87%|████████▋ | 45/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.378: 90%|█████████ | 47/52 [00:13<00:00, 15.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.407: 94%|█████████▍| 49/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[35/100] loss:1.418: 98%|█████████▊| 51/52 [00:14<00:00, 15.39it/s]torch.Size([12, 6])

train epoch[35/100] loss:1.259: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[35/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[35/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[35/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[35/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 35] train\_loss: 1.380 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[36/100] loss:1.398: 2%|▏ | 1/52 [00:12<10:33, 12.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.382: 6%|▌ | 3/52 [00:12<02:40, 3.27s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.356: 10%|▉ | 5/52 [00:12<01:16, 1.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.390: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.339: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.382: 21%|██ | 11/52 [00:13<00:17, 2.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.456: 25%|██▌ | 13/52 [00:13<00:11, 3.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.352: 29%|██▉ | 15/52 [00:13<00:08, 4.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.321: 33%|███▎ | 17/52 [00:13<00:06, 5.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.420: 37%|███▋ | 19/52 [00:13<00:04, 7.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.373: 40%|████ | 21/52 [00:13<00:03, 8.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.384: 44%|████▍ | 23/52 [00:13<00:02, 9.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.452: 48%|████▊ | 25/52 [00:13<00:02, 11.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.366: 52%|█████▏ | 27/52 [00:14<00:02, 12.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.396: 56%|█████▌ | 29/52 [00:14<00:01, 13.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.403: 60%|█████▉ | 31/52 [00:14<00:01, 13.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.328: 63%|██████▎ | 33/52 [00:14<00:01, 14.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.325: 67%|██████▋ | 35/52 [00:14<00:01, 14.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.426: 71%|███████ | 37/52 [00:14<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.441: 75%|███████▌ | 39/52 [00:14<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.482: 79%|███████▉ | 41/52 [00:14<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.362: 83%|████████▎ | 43/52 [00:15<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.462: 87%|████████▋ | 45/52 [00:15<00:00, 15.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.429: 90%|█████████ | 47/52 [00:15<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.389: 94%|█████████▍| 49/52 [00:15<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[36/100] loss:1.374: 98%|█████████▊| 51/52 [00:15<00:00, 15.79it/s]torch.Size([12, 6])

train epoch[36/100] loss:1.350: 100%|██████████| 52/52 [00:15<00:00, 3.27it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[36/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[36/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[36/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[36/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 36] train\_loss: 1.384 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[37/100] loss:1.351: 2%|▏ | 1/52 [00:10<09:06, 10.72s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.420: 6%|▌ | 3/52 [00:10<02:18, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.364: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.392: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.369: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.367: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.350: 25%|██▌ | 13/52 [00:11<00:10, 3.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.407: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.357: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.446: 37%|███▋ | 19/52 [00:11<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.430: 40%|████ | 21/52 [00:12<00:03, 8.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.373: 44%|████▍ | 23/52 [00:12<00:02, 10.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.394: 48%|████▊ | 25/52 [00:12<00:02, 11.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.420: 52%|█████▏ | 27/52 [00:12<00:01, 12.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.392: 56%|█████▌ | 29/52 [00:12<00:01, 13.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.390: 60%|█████▉ | 31/52 [00:12<00:01, 13.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.322: 63%|██████▎ | 33/52 [00:12<00:01, 14.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.389: 67%|██████▋ | 35/52 [00:12<00:01, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.375: 71%|███████ | 37/52 [00:13<00:00, 15.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.347: 75%|███████▌ | 39/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.374: 79%|███████▉ | 41/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.377: 83%|████████▎ | 43/52 [00:13<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.394: 87%|████████▋ | 45/52 [00:13<00:00, 15.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.377: 90%|█████████ | 47/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.398: 94%|█████████▍| 49/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[37/100] loss:1.375: 98%|█████████▊| 51/52 [00:13<00:00, 15.71it/s]torch.Size([12, 6])

train epoch[37/100] loss:1.343: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[37/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[37/100]: 50%|█████ | 3/6 [00:11<00:08, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[37/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[37/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 37] train\_loss: 1.386 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[38/100] loss:1.349: 2%|▏ | 1/52 [00:10<09:15, 10.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.458: 6%|▌ | 3/52 [00:11<02:20, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.334: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.403: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.352: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.403: 21%|██ | 11/52 [00:11<00:15, 2.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.302: 25%|██▌ | 13/52 [00:11<00:10, 3.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.409: 29%|██▉ | 15/52 [00:11<00:07, 4.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.426: 33%|███▎ | 17/52 [00:11<00:05, 6.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.317: 37%|███▋ | 19/52 [00:12<00:04, 7.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.333: 40%|████ | 21/52 [00:12<00:03, 9.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.341: 44%|████▍ | 23/52 [00:12<00:02, 10.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.435: 48%|████▊ | 25/52 [00:12<00:02, 11.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.410: 52%|█████▏ | 27/52 [00:12<00:01, 12.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.359: 56%|█████▌ | 29/52 [00:12<00:01, 13.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.358: 60%|█████▉ | 31/52 [00:12<00:01, 14.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.393: 63%|██████▎ | 33/52 [00:12<00:01, 14.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.442: 67%|██████▋ | 35/52 [00:13<00:01, 14.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.404: 71%|███████ | 37/52 [00:13<00:00, 15.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.343: 75%|███████▌ | 39/52 [00:13<00:00, 15.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.412: 79%|███████▉ | 41/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.334: 83%|████████▎ | 43/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.303: 87%|████████▋ | 45/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.378: 90%|█████████ | 47/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.376: 94%|█████████▍| 49/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[38/100] loss:1.422: 98%|█████████▊| 51/52 [00:14<00:00, 15.51it/s]torch.Size([12, 6])

train epoch[38/100] loss:1.373: 100%|██████████| 52/52 [00:14<00:00, 3.59it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[38/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.97s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[38/100]: 50%|█████ | 3/6 [00:11<00:08, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[38/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[38/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 38] train\_loss: 1.373 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[39/100] loss:1.345: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.376: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.396: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.349: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.369: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.414: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.397: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.367: 29%|██▉ | 15/52 [00:11<00:07, 4.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.327: 33%|███▎ | 17/52 [00:12<00:05, 6.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.378: 37%|███▋ | 19/52 [00:12<00:04, 7.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.374: 40%|████ | 21/52 [00:12<00:03, 8.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.385: 44%|████▍ | 23/52 [00:12<00:02, 10.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.368: 48%|████▊ | 25/52 [00:12<00:02, 11.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.319: 52%|█████▏ | 27/52 [00:12<00:02, 12.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.381: 56%|█████▌ | 29/52 [00:12<00:01, 13.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.378: 60%|█████▉ | 31/52 [00:12<00:01, 13.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.396: 63%|██████▎ | 33/52 [00:13<00:01, 14.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.333: 67%|██████▋ | 35/52 [00:13<00:01, 14.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.379: 71%|███████ | 37/52 [00:13<00:00, 15.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.447: 75%|███████▌ | 39/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.401: 79%|███████▉ | 41/52 [00:13<00:00, 15.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.382: 83%|████████▎ | 43/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.341: 87%|████████▋ | 45/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.452: 90%|█████████ | 47/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.362: 94%|█████████▍| 49/52 [00:14<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[39/100] loss:1.351: 98%|█████████▊| 51/52 [00:14<00:00, 15.48it/s]torch.Size([12, 6])

train epoch[39/100] loss:1.358: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[39/100]: 17%|█▋ | 1/6 [00:11<00:54, 11.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[39/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[39/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[39/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 39] train\_loss: 1.387 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[40/100] loss:1.386: 2%|▏ | 1/52 [00:10<09:06, 10.71s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.311: 6%|▌ | 3/52 [00:10<02:18, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.434: 10%|▉ | 5/52 [00:10<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.372: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.343: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.306: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.504: 25%|██▌ | 13/52 [00:11<00:10, 3.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.437: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.419: 33%|███▎ | 17/52 [00:11<00:05, 6.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.359: 37%|███▋ | 19/52 [00:11<00:04, 7.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.351: 40%|████ | 21/52 [00:11<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.288: 44%|████▍ | 23/52 [00:12<00:02, 10.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.399: 48%|████▊ | 25/52 [00:12<00:02, 11.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.330: 52%|█████▏ | 27/52 [00:12<00:01, 12.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.362: 56%|█████▌ | 29/52 [00:12<00:01, 13.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.378: 60%|█████▉ | 31/52 [00:12<00:01, 14.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.439: 63%|██████▎ | 33/52 [00:12<00:01, 14.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.332: 67%|██████▋ | 35/52 [00:12<00:01, 15.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.335: 71%|███████ | 37/52 [00:13<00:00, 15.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.373: 75%|███████▌ | 39/52 [00:13<00:00, 15.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.388: 79%|███████▉ | 41/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.403: 83%|████████▎ | 43/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.375: 87%|████████▋ | 45/52 [00:13<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.382: 90%|█████████ | 47/52 [00:13<00:00, 15.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.417: 94%|█████████▍| 49/52 [00:13<00:00, 15.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[40/100] loss:1.482: 98%|█████████▊| 51/52 [00:13<00:00, 15.87it/s]torch.Size([12, 6])

train epoch[40/100] loss:1.413: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[40/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.55s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[40/100]: 50%|█████ | 3/6 [00:12<00:09, 3.30s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[40/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.64s/it]torch.Size([12, 6])

valid epoch[40/100]: 100%|██████████| 6/6 [00:13<00:00, 2.19s/it]

[epoch 40] train\_loss: 1.387 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[41/100] loss:1.396: 2%|▏ | 1/52 [00:10<09:12, 10.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.359: 6%|▌ | 3/52 [00:10<02:19, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.382: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.356: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.345: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.384: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.323: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.382: 29%|██▉ | 15/52 [00:11<00:07, 4.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.423: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.367: 37%|███▋ | 19/52 [00:11<00:04, 7.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.387: 40%|████ | 21/52 [00:12<00:03, 9.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.423: 44%|████▍ | 23/52 [00:12<00:02, 10.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.396: 48%|████▊ | 25/52 [00:12<00:02, 11.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.389: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.338: 56%|█████▌ | 29/52 [00:12<00:01, 13.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.377: 60%|█████▉ | 31/52 [00:12<00:01, 13.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.327: 63%|██████▎ | 33/52 [00:12<00:01, 14.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.372: 67%|██████▋ | 35/52 [00:12<00:01, 14.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.394: 71%|███████ | 37/52 [00:13<00:00, 15.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.304: 75%|███████▌ | 39/52 [00:13<00:00, 15.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.461: 79%|███████▉ | 41/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.356: 83%|████████▎ | 43/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.348: 87%|████████▋ | 45/52 [00:13<00:00, 15.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.399: 90%|█████████ | 47/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.418: 94%|█████████▍| 49/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[41/100] loss:1.417: 98%|█████████▊| 51/52 [00:14<00:00, 15.68it/s]torch.Size([12, 6])

train epoch[41/100] loss:1.418: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[41/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[41/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[41/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[41/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 41] train\_loss: 1.383 val\_accuracy: 0.228

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[42/100] loss:1.345: 2%|▏ | 1/52 [00:10<09:00, 10.60s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.350: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.378: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.445: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.437: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.374: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.371: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.412: 29%|██▉ | 15/52 [00:11<00:07, 4.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.381: 33%|███▎ | 17/52 [00:11<00:05, 6.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.381: 37%|███▋ | 19/52 [00:11<00:04, 7.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.401: 40%|████ | 21/52 [00:11<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.371: 44%|████▍ | 23/52 [00:12<00:02, 10.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.303: 48%|████▊ | 25/52 [00:12<00:02, 11.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.406: 52%|█████▏ | 27/52 [00:12<00:01, 12.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.369: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.367: 60%|█████▉ | 31/52 [00:12<00:01, 14.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.409: 63%|██████▎ | 33/52 [00:12<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.351: 67%|██████▋ | 35/52 [00:12<00:01, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.348: 71%|███████ | 37/52 [00:12<00:00, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.359: 75%|███████▌ | 39/52 [00:13<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.395: 79%|███████▉ | 41/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.388: 83%|████████▎ | 43/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.404: 87%|████████▋ | 45/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.384: 90%|█████████ | 47/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.451: 94%|█████████▍| 49/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[42/100] loss:1.458: 98%|█████████▊| 51/52 [00:13<00:00, 15.53it/s]torch.Size([12, 6])

train epoch[42/100] loss:1.382: 100%|██████████| 52/52 [00:14<00:00, 3.67it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[42/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[42/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[42/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[42/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 42] train\_loss: 1.380 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[43/100] loss:1.351: 2%|▏ | 1/52 [00:12<10:41, 12.58s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.425: 6%|▌ | 3/52 [00:12<02:42, 3.31s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.383: 10%|▉ | 5/52 [00:12<01:17, 1.64s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.366: 13%|█▎ | 7/52 [00:12<00:43, 1.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.397: 17%|█▋ | 9/52 [00:13<00:27, 1.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.378: 21%|██ | 11/52 [00:13<00:17, 2.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.405: 25%|██▌ | 13/52 [00:13<00:12, 3.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.344: 29%|██▉ | 15/52 [00:13<00:08, 4.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.357: 33%|███▎ | 17/52 [00:13<00:06, 5.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.342: 37%|███▋ | 19/52 [00:13<00:04, 7.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.337: 40%|████ | 21/52 [00:13<00:03, 8.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.430: 44%|████▍ | 23/52 [00:13<00:02, 9.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.434: 48%|████▊ | 25/52 [00:14<00:02, 11.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.349: 52%|█████▏ | 27/52 [00:14<00:02, 12.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.405: 56%|█████▌ | 29/52 [00:14<00:01, 13.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.418: 60%|█████▉ | 31/52 [00:14<00:01, 13.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.345: 63%|██████▎ | 33/52 [00:14<00:01, 14.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.376: 67%|██████▋ | 35/52 [00:14<00:01, 14.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.385: 71%|███████ | 37/52 [00:14<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.386: 75%|███████▌ | 39/52 [00:15<00:00, 15.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.401: 79%|███████▉ | 41/52 [00:15<00:00, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.358: 83%|████████▎ | 43/52 [00:15<00:00, 15.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.390: 87%|████████▋ | 45/52 [00:15<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.335: 90%|█████████ | 47/52 [00:15<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.406: 94%|█████████▍| 49/52 [00:15<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[43/100] loss:1.378: 98%|█████████▊| 51/52 [00:15<00:00, 15.86it/s]torch.Size([12, 6])

train epoch[43/100] loss:1.395: 100%|██████████| 52/52 [00:16<00:00, 3.23it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[43/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[43/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[43/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[43/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 43] train\_loss: 1.385 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[44/100] loss:1.381: 2%|▏ | 1/52 [00:10<09:12, 10.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.459: 6%|▌ | 3/52 [00:10<02:20, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.382: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.367: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.497: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.294: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.376: 25%|██▌ | 13/52 [00:11<00:10, 3.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.388: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.443: 33%|███▎ | 17/52 [00:11<00:05, 6.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.378: 37%|███▋ | 19/52 [00:11<00:04, 7.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.439: 40%|████ | 21/52 [00:12<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.437: 44%|████▍ | 23/52 [00:12<00:02, 10.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.286: 48%|████▊ | 25/52 [00:12<00:02, 11.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.403: 52%|█████▏ | 27/52 [00:12<00:01, 12.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.334: 56%|█████▌ | 29/52 [00:12<00:01, 13.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.395: 60%|█████▉ | 31/52 [00:12<00:01, 14.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.391: 63%|██████▎ | 33/52 [00:12<00:01, 14.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.400: 67%|██████▋ | 35/52 [00:12<00:01, 15.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.388: 71%|███████ | 37/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.378: 75%|███████▌ | 39/52 [00:13<00:00, 15.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.404: 79%|███████▉ | 41/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.356: 83%|████████▎ | 43/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.335: 87%|████████▋ | 45/52 [00:13<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.347: 90%|█████████ | 47/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.413: 94%|█████████▍| 49/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[44/100] loss:1.373: 98%|█████████▊| 51/52 [00:14<00:00, 15.52it/s]torch.Size([12, 6])

train epoch[44/100] loss:1.363: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[44/100]: 17%|█▋ | 1/6 [00:10<00:54, 11.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[44/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[44/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[44/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 44] train\_loss: 1.379 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[45/100] loss:1.360: 2%|▏ | 1/52 [00:12<10:31, 12.38s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.336: 6%|▌ | 3/52 [00:12<02:39, 3.26s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.390: 10%|▉ | 5/52 [00:12<01:15, 1.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.481: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.497: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.347: 21%|██ | 11/52 [00:13<00:17, 2.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.361: 25%|██▌ | 13/52 [00:13<00:11, 3.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.392: 29%|██▉ | 15/52 [00:13<00:08, 4.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.335: 33%|███▎ | 17/52 [00:13<00:06, 5.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.441: 37%|███▋ | 19/52 [00:13<00:04, 7.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.398: 40%|████ | 21/52 [00:13<00:03, 8.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.398: 44%|████▍ | 23/52 [00:13<00:02, 9.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.333: 48%|████▊ | 25/52 [00:13<00:02, 11.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.373: 52%|█████▏ | 27/52 [00:14<00:02, 12.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.375: 56%|█████▌ | 29/52 [00:14<00:01, 13.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.415: 60%|█████▉ | 31/52 [00:14<00:01, 13.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.351: 63%|██████▎ | 33/52 [00:14<00:01, 14.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.412: 67%|██████▋ | 35/52 [00:14<00:01, 14.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.274: 71%|███████ | 37/52 [00:14<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.414: 75%|███████▌ | 39/52 [00:14<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.382: 79%|███████▉ | 41/52 [00:14<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.367: 83%|████████▎ | 43/52 [00:15<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.366: 87%|████████▋ | 45/52 [00:15<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.391: 90%|█████████ | 47/52 [00:15<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.386: 94%|█████████▍| 49/52 [00:15<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[45/100] loss:1.380: 98%|█████████▊| 51/52 [00:15<00:00, 15.66it/s]torch.Size([12, 6])

train epoch[45/100] loss:1.432: 100%|██████████| 52/52 [00:15<00:00, 3.26it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[45/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.73s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[45/100]: 50%|█████ | 3/6 [00:10<00:08, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[45/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[45/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 45] train\_loss: 1.382 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[46/100] loss:1.339: 2%|▏ | 1/52 [00:11<09:27, 11.14s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.398: 6%|▌ | 3/52 [00:11<02:23, 2.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.361: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.427: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.359: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.447: 21%|██ | 11/52 [00:11<00:15, 2.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.399: 25%|██▌ | 13/52 [00:11<00:10, 3.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.422: 29%|██▉ | 15/52 [00:12<00:07, 4.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.351: 33%|███▎ | 17/52 [00:12<00:05, 6.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.340: 37%|███▋ | 19/52 [00:12<00:04, 7.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.371: 40%|████ | 21/52 [00:12<00:03, 8.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.414: 44%|████▍ | 23/52 [00:12<00:02, 10.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.327: 48%|████▊ | 25/52 [00:12<00:02, 11.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.398: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.453: 56%|█████▌ | 29/52 [00:12<00:01, 13.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.362: 60%|█████▉ | 31/52 [00:13<00:01, 14.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.357: 63%|██████▎ | 33/52 [00:13<00:01, 14.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.378: 67%|██████▋ | 35/52 [00:13<00:01, 14.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.378: 71%|███████ | 37/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.331: 75%|███████▌ | 39/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.301: 79%|███████▉ | 41/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.324: 83%|████████▎ | 43/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.399: 87%|████████▋ | 45/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.348: 90%|█████████ | 47/52 [00:14<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.404: 94%|█████████▍| 49/52 [00:14<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[46/100] loss:1.360: 98%|█████████▊| 51/52 [00:14<00:00, 15.57it/s]torch.Size([12, 6])

train epoch[46/100] loss:1.437: 100%|██████████| 52/52 [00:14<00:00, 3.55it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[46/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[46/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[46/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[46/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 46] train\_loss: 1.372 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[47/100] loss:1.440: 2%|▏ | 1/52 [00:11<09:32, 11.22s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.357: 6%|▌ | 3/52 [00:11<02:24, 2.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.372: 10%|▉ | 5/52 [00:11<01:09, 1.47s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.404: 13%|█▎ | 7/52 [00:11<00:39, 1.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.424: 17%|█▋ | 9/52 [00:11<00:24, 1.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.385: 21%|██ | 11/52 [00:11<00:16, 2.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.316: 25%|██▌ | 13/52 [00:11<00:11, 3.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.368: 29%|██▉ | 15/52 [00:12<00:07, 4.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.364: 33%|███▎ | 17/52 [00:12<00:05, 6.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.376: 37%|███▋ | 19/52 [00:12<00:04, 7.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.418: 40%|████ | 21/52 [00:12<00:03, 8.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.455: 44%|████▍ | 23/52 [00:12<00:02, 10.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.341: 48%|████▊ | 25/52 [00:12<00:02, 11.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.390: 52%|█████▏ | 27/52 [00:12<00:02, 12.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.374: 56%|█████▌ | 29/52 [00:13<00:01, 13.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.413: 60%|█████▉ | 31/52 [00:13<00:01, 14.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.423: 63%|██████▎ | 33/52 [00:13<00:01, 14.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.308: 67%|██████▋ | 35/52 [00:13<00:01, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.387: 71%|███████ | 37/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.361: 75%|███████▌ | 39/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.388: 79%|███████▉ | 41/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.334: 83%|████████▎ | 43/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.392: 87%|████████▋ | 45/52 [00:14<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.463: 90%|█████████ | 47/52 [00:14<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.320: 94%|█████████▍| 49/52 [00:14<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[47/100] loss:1.423: 98%|█████████▊| 51/52 [00:15<00:00, 5.96it/s]torch.Size([12, 6])

train epoch[47/100] loss:1.349: 100%|██████████| 52/52 [00:15<00:00, 3.36it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[47/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[47/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[47/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[47/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 47] train\_loss: 1.379 val\_accuracy: 0.239

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[48/100] loss:1.368: 2%|▏ | 1/52 [00:10<09:02, 10.63s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.376: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.427: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.304: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.378: 17%|█▋ | 9/52 [00:11<00:23, 1.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.448: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.334: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.365: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.394: 33%|███▎ | 17/52 [00:11<00:05, 6.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.390: 37%|███▋ | 19/52 [00:11<00:04, 7.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.413: 40%|████ | 21/52 [00:11<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.402: 44%|████▍ | 23/52 [00:12<00:02, 10.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.315: 48%|████▊ | 25/52 [00:12<00:02, 11.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.335: 52%|█████▏ | 27/52 [00:12<00:01, 12.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.350: 56%|█████▌ | 29/52 [00:12<00:01, 13.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.470: 60%|█████▉ | 31/52 [00:12<00:01, 14.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.335: 63%|██████▎ | 33/52 [00:12<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.325: 67%|██████▋ | 35/52 [00:12<00:01, 14.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.348: 71%|███████ | 37/52 [00:12<00:00, 15.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.391: 75%|███████▌ | 39/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.418: 79%|███████▉ | 41/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.477: 83%|████████▎ | 43/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.423: 87%|████████▋ | 45/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.347: 90%|█████████ | 47/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.407: 94%|█████████▍| 49/52 [00:13<00:00, 15.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[48/100] loss:1.430: 98%|█████████▊| 51/52 [00:13<00:00, 15.92it/s]torch.Size([12, 6])

train epoch[48/100] loss:1.406: 100%|██████████| 52/52 [00:14<00:00, 3.67it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[48/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[48/100]: 50%|█████ | 3/6 [00:10<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[48/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[48/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 48] train\_loss: 1.375 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[49/100] loss:1.332: 2%|▏ | 1/52 [00:10<09:10, 10.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.374: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.408: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.289: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.403: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.335: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.371: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.406: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.423: 33%|███▎ | 17/52 [00:11<00:05, 6.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.418: 37%|███▋ | 19/52 [00:11<00:04, 7.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.385: 40%|████ | 21/52 [00:12<00:03, 9.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.366: 44%|████▍ | 23/52 [00:12<00:02, 10.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.366: 48%|████▊ | 25/52 [00:12<00:02, 11.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.395: 52%|█████▏ | 27/52 [00:12<00:02, 12.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.495: 56%|█████▌ | 29/52 [00:12<00:01, 13.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.301: 60%|█████▉ | 31/52 [00:12<00:01, 13.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.553: 63%|██████▎ | 33/52 [00:12<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.387: 67%|██████▋ | 35/52 [00:12<00:01, 14.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.345: 71%|███████ | 37/52 [00:13<00:00, 15.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.386: 75%|███████▌ | 39/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.378: 79%|███████▉ | 41/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.414: 83%|████████▎ | 43/52 [00:13<00:00, 15.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.372: 87%|████████▋ | 45/52 [00:13<00:00, 16.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.334: 90%|█████████ | 47/52 [00:13<00:00, 16.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.366: 94%|█████████▍| 49/52 [00:13<00:00, 15.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[49/100] loss:1.376: 98%|█████████▊| 51/52 [00:13<00:00, 15.88it/s]torch.Size([12, 6])

train epoch[49/100] loss:1.373: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[49/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[49/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[49/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[49/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 49] train\_loss: 1.372 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[50/100] loss:1.331: 2%|▏ | 1/52 [00:10<09:13, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.373: 6%|▌ | 3/52 [00:10<02:20, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.315: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.326: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.335: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.310: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.453: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.401: 29%|██▉ | 15/52 [00:11<00:07, 4.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.453: 33%|███▎ | 17/52 [00:11<00:05, 6.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.452: 37%|███▋ | 19/52 [00:12<00:04, 7.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.288: 40%|████ | 21/52 [00:12<00:03, 9.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.377: 44%|████▍ | 23/52 [00:12<00:02, 10.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.395: 48%|████▊ | 25/52 [00:12<00:02, 11.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.320: 52%|█████▏ | 27/52 [00:12<00:01, 12.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.379: 56%|█████▌ | 29/52 [00:12<00:01, 13.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.353: 60%|█████▉ | 31/52 [00:12<00:01, 13.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.383: 63%|██████▎ | 33/52 [00:12<00:01, 14.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.374: 67%|██████▋ | 35/52 [00:13<00:01, 14.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.361: 71%|███████ | 37/52 [00:13<00:01, 14.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.479: 75%|███████▌ | 39/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.336: 79%|███████▉ | 41/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.406: 83%|████████▎ | 43/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.448: 87%|████████▋ | 45/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.337: 90%|█████████ | 47/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.297: 94%|█████████▍| 49/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[50/100] loss:1.418: 98%|█████████▊| 51/52 [00:14<00:00, 15.53it/s]torch.Size([12, 6])

train epoch[50/100] loss:1.454: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[50/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[50/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[50/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[50/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 50] train\_loss: 1.379 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[51/100] loss:1.394: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.387: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.330: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.404: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.343: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.289: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.349: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.503: 29%|██▉ | 15/52 [00:11<00:07, 4.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.300: 33%|███▎ | 17/52 [00:12<00:05, 6.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.459: 37%|███▋ | 19/52 [00:12<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.523: 40%|████ | 21/52 [00:12<00:03, 8.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.361: 44%|████▍ | 23/52 [00:12<00:02, 10.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.494: 48%|████▊ | 25/52 [00:12<00:02, 11.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.277: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.473: 56%|█████▌ | 29/52 [00:12<00:01, 13.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.349: 60%|█████▉ | 31/52 [00:12<00:01, 14.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.414: 63%|██████▎ | 33/52 [00:13<00:01, 14.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.381: 67%|██████▋ | 35/52 [00:13<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.368: 71%|███████ | 37/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.424: 75%|███████▌ | 39/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.330: 79%|███████▉ | 41/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.373: 83%|████████▎ | 43/52 [00:13<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.516: 87%|████████▋ | 45/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.442: 90%|█████████ | 47/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.366: 94%|█████████▍| 49/52 [00:14<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[51/100] loss:1.332: 98%|█████████▊| 51/52 [00:14<00:00, 15.78it/s]torch.Size([12, 6])

train epoch[51/100] loss:1.432: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[51/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[51/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[51/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[51/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 51] train\_loss: 1.390 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[52/100] loss:1.404: 2%|▏ | 1/52 [00:12<10:36, 12.49s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.271: 6%|▌ | 3/52 [00:12<02:41, 3.29s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.512: 10%|▉ | 5/52 [00:12<01:16, 1.63s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.405: 13%|█▎ | 7/52 [00:12<00:43, 1.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.309: 17%|█▋ | 9/52 [00:13<00:26, 1.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.287: 21%|██ | 11/52 [00:13<00:17, 2.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.361: 25%|██▌ | 13/52 [00:13<00:12, 3.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.376: 29%|██▉ | 15/52 [00:13<00:08, 4.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.354: 33%|███▎ | 17/52 [00:13<00:06, 5.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.376: 37%|███▋ | 19/52 [00:13<00:04, 7.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.403: 40%|████ | 21/52 [00:13<00:03, 8.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.348: 44%|████▍ | 23/52 [00:13<00:02, 9.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.445: 48%|████▊ | 25/52 [00:14<00:02, 11.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.328: 52%|█████▏ | 27/52 [00:14<00:02, 12.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.358: 56%|█████▌ | 29/52 [00:14<00:01, 13.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.280: 60%|█████▉ | 31/52 [00:14<00:01, 13.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.409: 63%|██████▎ | 33/52 [00:14<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.337: 67%|██████▋ | 35/52 [00:14<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.402: 71%|███████ | 37/52 [00:14<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.435: 75%|███████▌ | 39/52 [00:14<00:00, 15.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.363: 79%|███████▉ | 41/52 [00:15<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.341: 83%|████████▎ | 43/52 [00:15<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.493: 87%|████████▋ | 45/52 [00:15<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.410: 90%|█████████ | 47/52 [00:15<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.411: 94%|█████████▍| 49/52 [00:15<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[52/100] loss:1.369: 98%|█████████▊| 51/52 [00:15<00:00, 16.00it/s]torch.Size([12, 6])

train epoch[52/100] loss:1.338: 100%|██████████| 52/52 [00:16<00:00, 3.24it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[52/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.18s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[52/100]: 50%|█████ | 3/6 [00:11<00:08, 2.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[52/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.46s/it]torch.Size([12, 6])

valid epoch[52/100]: 100%|██████████| 6/6 [00:11<00:00, 1.96s/it]

[epoch 52] train\_loss: 1.378 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[53/100] loss:1.359: 2%|▏ | 1/52 [00:10<09:18, 10.96s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.415: 6%|▌ | 3/52 [00:11<02:21, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.385: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.370: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.318: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.407: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.373: 25%|██▌ | 13/52 [00:11<00:10, 3.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.434: 29%|██▉ | 15/52 [00:11<00:07, 4.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.392: 33%|███▎ | 17/52 [00:11<00:05, 6.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.308: 37%|███▋ | 19/52 [00:12<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.393: 40%|████ | 21/52 [00:12<00:03, 8.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.397: 44%|████▍ | 23/52 [00:12<00:02, 10.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.395: 48%|████▊ | 25/52 [00:12<00:02, 11.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.407: 52%|█████▏ | 27/52 [00:12<00:01, 12.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.365: 56%|█████▌ | 29/52 [00:12<00:01, 13.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.379: 60%|█████▉ | 31/52 [00:12<00:01, 14.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.392: 63%|██████▎ | 33/52 [00:13<00:01, 14.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.375: 67%|██████▋ | 35/52 [00:13<00:01, 14.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.400: 71%|███████ | 37/52 [00:13<00:00, 15.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.380: 75%|███████▌ | 39/52 [00:13<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.361: 79%|███████▉ | 41/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.350: 83%|████████▎ | 43/52 [00:13<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.353: 87%|████████▋ | 45/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.348: 90%|█████████ | 47/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.429: 94%|█████████▍| 49/52 [00:14<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[53/100] loss:1.425: 98%|█████████▊| 51/52 [00:14<00:00, 15.52it/s]torch.Size([12, 6])

train epoch[53/100] loss:1.351: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[53/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.67s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[53/100]: 50%|█████ | 3/6 [00:10<00:08, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[53/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[53/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 53] train\_loss: 1.383 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[54/100] loss:1.440: 2%|▏ | 1/52 [00:12<10:32, 12.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.468: 6%|▌ | 3/52 [00:12<02:39, 3.26s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.421: 10%|▉ | 5/52 [00:12<01:15, 1.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.372: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.439: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.385: 21%|██ | 11/52 [00:13<00:17, 2.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.419: 25%|██▌ | 13/52 [00:13<00:11, 3.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.378: 29%|██▉ | 15/52 [00:13<00:08, 4.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.418: 33%|███▎ | 17/52 [00:13<00:06, 5.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.379: 37%|███▋ | 19/52 [00:13<00:04, 7.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.379: 40%|████ | 21/52 [00:13<00:03, 8.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.363: 44%|████▍ | 23/52 [00:13<00:02, 9.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.391: 48%|████▊ | 25/52 [00:13<00:02, 11.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.424: 52%|█████▏ | 27/52 [00:14<00:02, 12.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.400: 56%|█████▌ | 29/52 [00:14<00:01, 13.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.442: 60%|█████▉ | 31/52 [00:14<00:01, 13.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.463: 63%|██████▎ | 33/52 [00:14<00:01, 14.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.369: 67%|██████▋ | 35/52 [00:14<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.340: 71%|███████ | 37/52 [00:14<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.369: 75%|███████▌ | 39/52 [00:14<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.355: 79%|███████▉ | 41/52 [00:14<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.342: 83%|████████▎ | 43/52 [00:15<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.484: 87%|████████▋ | 45/52 [00:15<00:00, 15.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.386: 90%|█████████ | 47/52 [00:15<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.374: 94%|█████████▍| 49/52 [00:15<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[54/100] loss:1.365: 98%|█████████▊| 51/52 [00:15<00:00, 15.95it/s]torch.Size([12, 6])

train epoch[54/100] loss:1.374: 100%|██████████| 52/52 [00:15<00:00, 3.27it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[54/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[54/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[54/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[54/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 54] train\_loss: 1.392 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[55/100] loss:1.351: 2%|▏ | 1/52 [00:11<09:22, 11.02s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.399: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.344: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.398: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.405: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.387: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.376: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.398: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.381: 33%|███▎ | 17/52 [00:12<00:05, 6.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.386: 37%|███▋ | 19/52 [00:12<00:04, 7.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.356: 40%|████ | 21/52 [00:12<00:03, 8.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.400: 44%|████▍ | 23/52 [00:12<00:02, 10.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.257: 48%|████▊ | 25/52 [00:12<00:02, 11.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.322: 52%|█████▏ | 27/52 [00:12<00:01, 12.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.399: 56%|█████▌ | 29/52 [00:12<00:01, 13.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.302: 60%|█████▉ | 31/52 [00:12<00:01, 14.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.344: 63%|██████▎ | 33/52 [00:13<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.469: 67%|██████▋ | 35/52 [00:13<00:01, 14.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.394: 71%|███████ | 37/52 [00:13<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.415: 75%|███████▌ | 39/52 [00:13<00:00, 15.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.347: 79%|███████▉ | 41/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.362: 83%|████████▎ | 43/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.326: 87%|████████▋ | 45/52 [00:13<00:00, 15.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.393: 90%|█████████ | 47/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.350: 94%|█████████▍| 49/52 [00:14<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[55/100] loss:1.371: 98%|█████████▊| 51/52 [00:14<00:00, 15.70it/s]torch.Size([12, 6])

train epoch[55/100] loss:1.422: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[55/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[55/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[55/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[55/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 55] train\_loss: 1.377 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[56/100] loss:1.471: 2%|▏ | 1/52 [00:10<09:12, 10.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.328: 6%|▌ | 3/52 [00:10<02:19, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.385: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.351: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.374: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.314: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.338: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.324: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.359: 33%|███▎ | 17/52 [00:11<00:05, 6.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.439: 37%|███▋ | 19/52 [00:11<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.429: 40%|████ | 21/52 [00:12<00:03, 8.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.378: 44%|████▍ | 23/52 [00:12<00:02, 10.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.341: 48%|████▊ | 25/52 [00:12<00:02, 11.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.362: 52%|█████▏ | 27/52 [00:12<00:02, 12.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.391: 56%|█████▌ | 29/52 [00:12<00:01, 13.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.440: 60%|█████▉ | 31/52 [00:12<00:01, 13.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.430: 63%|██████▎ | 33/52 [00:12<00:01, 14.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.440: 67%|██████▋ | 35/52 [00:13<00:01, 14.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.354: 71%|███████ | 37/52 [00:13<00:01, 14.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.367: 75%|███████▌ | 39/52 [00:13<00:00, 15.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.438: 79%|███████▉ | 41/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.378: 83%|████████▎ | 43/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.395: 87%|████████▋ | 45/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.301: 90%|█████████ | 47/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.335: 94%|█████████▍| 49/52 [00:13<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[56/100] loss:1.329: 98%|█████████▊| 51/52 [00:14<00:00, 15.63it/s]torch.Size([12, 6])

train epoch[56/100] loss:1.333: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[56/100]: 17%|█▋ | 1/6 [00:12<01:03, 12.70s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[56/100]: 50%|█████ | 3/6 [00:12<00:10, 3.34s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[56/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.66s/it]torch.Size([12, 6])

valid epoch[56/100]: 100%|██████████| 6/6 [00:13<00:00, 2.22s/it]

[epoch 56] train\_loss: 1.377 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[57/100] loss:1.361: 2%|▏ | 1/52 [00:11<09:39, 11.37s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.354: 6%|▌ | 3/52 [00:11<02:26, 3.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.334: 10%|▉ | 5/52 [00:11<01:09, 1.49s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.408: 13%|█▎ | 7/52 [00:11<00:39, 1.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.422: 17%|█▋ | 9/52 [00:11<00:24, 1.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.312: 21%|██ | 11/52 [00:12<00:16, 2.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.346: 25%|██▌ | 13/52 [00:12<00:11, 3.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.380: 29%|██▉ | 15/52 [00:12<00:07, 4.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.338: 33%|███▎ | 17/52 [00:12<00:05, 6.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.417: 37%|███▋ | 19/52 [00:12<00:04, 7.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.363: 40%|████ | 21/52 [00:12<00:03, 8.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.416: 44%|████▍ | 23/52 [00:12<00:02, 10.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.401: 48%|████▊ | 25/52 [00:12<00:02, 11.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.339: 52%|█████▏ | 27/52 [00:13<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.439: 56%|█████▌ | 29/52 [00:13<00:01, 13.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.476: 60%|█████▉ | 31/52 [00:13<00:01, 14.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.473: 63%|██████▎ | 33/52 [00:13<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.351: 67%|██████▋ | 35/52 [00:13<00:01, 14.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.259: 71%|███████ | 37/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.444: 75%|███████▌ | 39/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.361: 79%|███████▉ | 41/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.394: 83%|████████▎ | 43/52 [00:14<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.407: 87%|████████▋ | 45/52 [00:14<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.376: 90%|█████████ | 47/52 [00:14<00:00, 15.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.377: 94%|█████████▍| 49/52 [00:14<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[57/100] loss:1.288: 98%|█████████▊| 51/52 [00:14<00:00, 15.90it/s]torch.Size([12, 6])

train epoch[57/100] loss:1.375: 100%|██████████| 52/52 [00:14<00:00, 3.49it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[57/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.19s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[57/100]: 50%|█████ | 3/6 [00:11<00:08, 2.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[57/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.47s/it]torch.Size([12, 6])

valid epoch[57/100]: 100%|██████████| 6/6 [00:11<00:00, 1.97s/it]

[epoch 57] train\_loss: 1.384 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[58/100] loss:1.289: 2%|▏ | 1/52 [00:10<09:03, 10.66s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.401: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.365: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.459: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.403: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.327: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.313: 25%|██▌ | 13/52 [00:11<00:10, 3.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.388: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.432: 33%|███▎ | 17/52 [00:11<00:05, 6.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.414: 37%|███▋ | 19/52 [00:11<00:04, 7.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.356: 40%|████ | 21/52 [00:11<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.386: 44%|████▍ | 23/52 [00:12<00:02, 10.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.438: 48%|████▊ | 25/52 [00:12<00:02, 11.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.386: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.434: 56%|█████▌ | 29/52 [00:12<00:01, 13.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.449: 60%|█████▉ | 31/52 [00:12<00:01, 13.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.330: 63%|██████▎ | 33/52 [00:12<00:01, 14.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.341: 67%|██████▋ | 35/52 [00:12<00:01, 14.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.459: 71%|███████ | 37/52 [00:12<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.436: 75%|███████▌ | 39/52 [00:13<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.394: 79%|███████▉ | 41/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.457: 83%|████████▎ | 43/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.408: 87%|████████▋ | 45/52 [00:13<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.369: 90%|█████████ | 47/52 [00:13<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.377: 94%|█████████▍| 49/52 [00:13<00:00, 15.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[58/100] loss:1.365: 98%|█████████▊| 51/52 [00:13<00:00, 15.82it/s]torch.Size([12, 6])

train epoch[58/100] loss:1.362: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[58/100]: 17%|█▋ | 1/6 [00:12<01:01, 12.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[58/100]: 50%|█████ | 3/6 [00:12<00:09, 3.26s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[58/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.62s/it]torch.Size([12, 6])

valid epoch[58/100]: 100%|██████████| 6/6 [00:13<00:00, 2.17s/it]

[epoch 58] train\_loss: 1.380 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[59/100] loss:1.329: 2%|▏ | 1/52 [00:10<09:10, 10.79s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.399: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.331: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.391: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.371: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.447: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.432: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.443: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.358: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.370: 37%|███▋ | 19/52 [00:11<00:04, 7.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.401: 40%|████ | 21/52 [00:12<00:03, 9.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.333: 44%|████▍ | 23/52 [00:12<00:02, 10.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.333: 48%|████▊ | 25/52 [00:12<00:02, 11.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.405: 52%|█████▏ | 27/52 [00:12<00:01, 12.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.304: 56%|█████▌ | 29/52 [00:12<00:01, 13.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.487: 60%|█████▉ | 31/52 [00:12<00:01, 14.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.329: 63%|██████▎ | 33/52 [00:12<00:01, 14.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.372: 67%|██████▋ | 35/52 [00:12<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.366: 71%|███████ | 37/52 [00:13<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.371: 75%|███████▌ | 39/52 [00:13<00:00, 15.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.367: 79%|███████▉ | 41/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.367: 83%|████████▎ | 43/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.282: 87%|████████▋ | 45/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.301: 90%|█████████ | 47/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.404: 94%|█████████▍| 49/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[59/100] loss:1.386: 98%|█████████▊| 51/52 [00:13<00:00, 15.63it/s]torch.Size([12, 6])

train epoch[59/100] loss:1.382: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[59/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[59/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[59/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[59/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 59] train\_loss: 1.379 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[60/100] loss:1.373: 2%|▏ | 1/52 [00:10<09:12, 10.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.350: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.391: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.365: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.312: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.382: 21%|██ | 11/52 [00:11<00:15, 2.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.333: 25%|██▌ | 13/52 [00:11<00:10, 3.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.359: 29%|██▉ | 15/52 [00:11<00:07, 4.91it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.372: 33%|███▎ | 17/52 [00:11<00:05, 6.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.413: 37%|███▋ | 19/52 [00:11<00:04, 7.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.368: 40%|████ | 21/52 [00:12<00:03, 9.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.349: 44%|████▍ | 23/52 [00:12<00:02, 10.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.401: 48%|████▊ | 25/52 [00:12<00:02, 11.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.340: 52%|█████▏ | 27/52 [00:12<00:01, 12.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.348: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.372: 60%|█████▉ | 31/52 [00:12<00:01, 14.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.362: 63%|██████▎ | 33/52 [00:12<00:01, 14.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.484: 67%|██████▋ | 35/52 [00:12<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.365: 71%|███████ | 37/52 [00:13<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.370: 75%|███████▌ | 39/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.361: 79%|███████▉ | 41/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.352: 83%|████████▎ | 43/52 [00:13<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.500: 87%|████████▋ | 45/52 [00:13<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.310: 90%|█████████ | 47/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.361: 94%|█████████▍| 49/52 [00:13<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[60/100] loss:1.352: 98%|█████████▊| 51/52 [00:13<00:00, 15.74it/s]torch.Size([12, 6])

train epoch[60/100] loss:1.331: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[60/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[60/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[60/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[60/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 60] train\_loss: 1.374 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[61/100] loss:1.366: 2%|▏ | 1/52 [00:10<09:15, 10.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.363: 6%|▌ | 3/52 [00:11<02:20, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.380: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.320: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.356: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.373: 21%|██ | 11/52 [00:11<00:15, 2.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.429: 25%|██▌ | 13/52 [00:11<00:10, 3.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.355: 29%|██▉ | 15/52 [00:11<00:07, 4.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.368: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.275: 37%|███▋ | 19/52 [00:12<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.414: 40%|████ | 21/52 [00:12<00:03, 9.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.361: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.317: 48%|████▊ | 25/52 [00:12<00:02, 11.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.265: 52%|█████▏ | 27/52 [00:12<00:01, 12.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.345: 56%|█████▌ | 29/52 [00:12<00:01, 13.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.366: 60%|█████▉ | 31/52 [00:12<00:01, 14.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.385: 63%|██████▎ | 33/52 [00:12<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.412: 67%|██████▋ | 35/52 [00:13<00:01, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.436: 71%|███████ | 37/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.402: 75%|███████▌ | 39/52 [00:13<00:00, 15.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.438: 79%|███████▉ | 41/52 [00:13<00:00, 15.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.384: 83%|████████▎ | 43/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.377: 87%|████████▋ | 45/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.375: 90%|█████████ | 47/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.406: 94%|█████████▍| 49/52 [00:13<00:00, 15.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[61/100] loss:1.366: 98%|█████████▊| 51/52 [00:14<00:00, 15.63it/s]torch.Size([12, 6])

train epoch[61/100] loss:1.309: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[61/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.77s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[61/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[61/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[61/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 61] train\_loss: 1.378 val\_accuracy: 0.228

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[62/100] loss:1.310: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.414: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.414: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.441: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.534: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.353: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.430: 25%|██▌ | 13/52 [00:11<00:10, 3.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.354: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.397: 33%|███▎ | 17/52 [00:12<00:05, 6.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.422: 37%|███▋ | 19/52 [00:12<00:04, 7.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.380: 40%|████ | 21/52 [00:12<00:03, 8.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.340: 44%|████▍ | 23/52 [00:12<00:02, 10.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.374: 48%|████▊ | 25/52 [00:12<00:02, 11.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.305: 52%|█████▏ | 27/52 [00:12<00:01, 12.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.370: 56%|█████▌ | 29/52 [00:12<00:01, 13.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.487: 60%|█████▉ | 31/52 [00:12<00:01, 13.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.413: 63%|██████▎ | 33/52 [00:13<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.410: 67%|██████▋ | 35/52 [00:13<00:01, 14.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.349: 71%|███████ | 37/52 [00:13<00:00, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.398: 75%|███████▌ | 39/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.405: 79%|███████▉ | 41/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.330: 83%|████████▎ | 43/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.374: 87%|████████▋ | 45/52 [00:13<00:00, 15.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.391: 90%|█████████ | 47/52 [00:13<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.331: 94%|█████████▍| 49/52 [00:14<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[62/100] loss:1.381: 98%|█████████▊| 51/52 [00:14<00:00, 15.81it/s]torch.Size([12, 6])

train epoch[62/100] loss:1.368: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[62/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[62/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[62/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[62/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 62] train\_loss: 1.382 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[63/100] loss:1.341: 2%|▏ | 1/52 [00:10<09:03, 10.66s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.336: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.342: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.444: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.387: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.413: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.366: 25%|██▌ | 13/52 [00:11<00:10, 3.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.412: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.385: 33%|███▎ | 17/52 [00:11<00:05, 6.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.421: 37%|███▋ | 19/52 [00:11<00:04, 7.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.357: 40%|████ | 21/52 [00:11<00:03, 9.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.380: 44%|████▍ | 23/52 [00:12<00:02, 10.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.402: 48%|████▊ | 25/52 [00:12<00:02, 11.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.276: 52%|█████▏ | 27/52 [00:12<00:01, 12.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.391: 56%|█████▌ | 29/52 [00:13<00:03, 6.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.332: 60%|█████▉ | 31/52 [00:13<00:02, 7.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.365: 63%|██████▎ | 33/52 [00:13<00:02, 9.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.417: 67%|██████▋ | 35/52 [00:13<00:01, 10.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.441: 71%|███████ | 37/52 [00:13<00:01, 11.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.473: 75%|███████▌ | 39/52 [00:13<00:01, 12.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.408: 79%|███████▉ | 41/52 [00:13<00:00, 13.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.472: 83%|████████▎ | 43/52 [00:13<00:00, 14.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.369: 87%|████████▋ | 45/52 [00:14<00:00, 14.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.290: 90%|█████████ | 47/52 [00:14<00:00, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.337: 94%|█████████▍| 49/52 [00:14<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[63/100] loss:1.388: 98%|█████████▊| 51/52 [00:14<00:00, 15.29it/s]torch.Size([12, 6])

train epoch[63/100] loss:1.323: 100%|██████████| 52/52 [00:14<00:00, 3.52it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[63/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[63/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[63/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[63/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 63] train\_loss: 1.384 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[64/100] loss:1.410: 2%|▏ | 1/52 [00:10<09:11, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.346: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.415: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.384: 13%|█▎ | 7/52 [00:11<00:37, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.489: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.405: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.441: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.412: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.385: 33%|███▎ | 17/52 [00:11<00:05, 6.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.380: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.319: 40%|████ | 21/52 [00:12<00:03, 9.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.319: 44%|████▍ | 23/52 [00:12<00:02, 10.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.347: 48%|████▊ | 25/52 [00:12<00:02, 11.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.437: 52%|█████▏ | 27/52 [00:12<00:01, 12.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.364: 56%|█████▌ | 29/52 [00:12<00:01, 13.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.380: 60%|█████▉ | 31/52 [00:12<00:01, 14.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.445: 63%|██████▎ | 33/52 [00:12<00:01, 14.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.404: 67%|██████▋ | 35/52 [00:12<00:01, 14.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.300: 71%|███████ | 37/52 [00:13<00:00, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.492: 75%|███████▌ | 39/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.404: 79%|███████▉ | 41/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.377: 83%|████████▎ | 43/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.362: 87%|████████▋ | 45/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.423: 90%|█████████ | 47/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.455: 94%|█████████▍| 49/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[64/100] loss:1.400: 98%|█████████▊| 51/52 [00:13<00:00, 15.63it/s]torch.Size([12, 6])

train epoch[64/100] loss:1.357: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[64/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[64/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[64/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[64/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 64] train\_loss: 1.391 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[65/100] loss:1.392: 2%|▏ | 1/52 [00:10<09:09, 10.78s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.364: 6%|▌ | 3/52 [00:10<02:19, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.350: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.332: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.419: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.387: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.373: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.412: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.374: 33%|███▎ | 17/52 [00:11<00:05, 6.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.398: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.368: 40%|████ | 21/52 [00:12<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.360: 44%|████▍ | 23/52 [00:12<00:02, 10.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.377: 48%|████▊ | 25/52 [00:12<00:02, 11.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.357: 52%|█████▏ | 27/52 [00:12<00:01, 12.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.359: 56%|█████▌ | 29/52 [00:12<00:01, 13.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.400: 60%|█████▉ | 31/52 [00:12<00:01, 13.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.410: 63%|██████▎ | 33/52 [00:12<00:01, 14.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.365: 67%|██████▋ | 35/52 [00:12<00:01, 14.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.392: 71%|███████ | 37/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.448: 75%|███████▌ | 39/52 [00:13<00:00, 15.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.415: 79%|███████▉ | 41/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.321: 83%|████████▎ | 43/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.362: 87%|████████▋ | 45/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.391: 90%|█████████ | 47/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.361: 94%|█████████▍| 49/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[65/100] loss:1.380: 98%|█████████▊| 51/52 [00:13<00:00, 15.79it/s]torch.Size([12, 6])

train epoch[65/100] loss:1.345: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[65/100]: 17%|█▋ | 1/6 [00:12<01:01, 12.27s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[65/100]: 50%|█████ | 3/6 [00:12<00:09, 3.23s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[65/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.60s/it]torch.Size([12, 6])

valid epoch[65/100]: 100%|██████████| 6/6 [00:12<00:00, 2.14s/it]

[epoch 65] train\_loss: 1.378 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[66/100] loss:1.449: 2%|▏ | 1/52 [00:10<09:20, 11.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.431: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.441: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.362: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.345: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.376: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.382: 25%|██▌ | 13/52 [00:11<00:10, 3.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.414: 29%|██▉ | 15/52 [00:11<00:07, 4.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.333: 33%|███▎ | 17/52 [00:12<00:05, 6.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.424: 37%|███▋ | 19/52 [00:12<00:04, 7.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.353: 40%|████ | 21/52 [00:12<00:03, 9.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.407: 44%|████▍ | 23/52 [00:12<00:02, 10.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.413: 48%|████▊ | 25/52 [00:12<00:02, 11.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.345: 52%|█████▏ | 27/52 [00:12<00:01, 12.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.374: 56%|█████▌ | 29/52 [00:12<00:01, 13.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.377: 60%|█████▉ | 31/52 [00:12<00:01, 13.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.381: 63%|██████▎ | 33/52 [00:13<00:01, 14.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.356: 67%|██████▋ | 35/52 [00:13<00:01, 14.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.347: 71%|███████ | 37/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.359: 75%|███████▌ | 39/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.414: 79%|███████▉ | 41/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.465: 83%|████████▎ | 43/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.355: 87%|████████▋ | 45/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.327: 90%|█████████ | 47/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.370: 94%|█████████▍| 49/52 [00:14<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[66/100] loss:1.379: 98%|█████████▊| 51/52 [00:14<00:00, 15.69it/s]torch.Size([12, 6])

train epoch[66/100] loss:1.390: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[66/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[66/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[66/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[66/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 66] train\_loss: 1.382 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[67/100] loss:1.384: 2%|▏ | 1/52 [00:11<09:24, 11.07s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.354: 6%|▌ | 3/52 [00:11<02:23, 2.92s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.417: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.427: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.325: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.392: 21%|██ | 11/52 [00:11<00:15, 2.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.369: 25%|██▌ | 13/52 [00:11<00:10, 3.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.307: 29%|██▉ | 15/52 [00:11<00:07, 4.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.289: 33%|███▎ | 17/52 [00:12<00:05, 6.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.378: 37%|███▋ | 19/52 [00:12<00:04, 7.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.431: 40%|████ | 21/52 [00:12<00:03, 8.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.447: 44%|████▍ | 23/52 [00:12<00:02, 10.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.370: 48%|████▊ | 25/52 [00:12<00:02, 11.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.355: 52%|█████▏ | 27/52 [00:12<00:01, 12.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.393: 56%|█████▌ | 29/52 [00:12<00:01, 13.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.402: 60%|█████▉ | 31/52 [00:13<00:01, 14.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.362: 63%|██████▎ | 33/52 [00:13<00:01, 14.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.373: 67%|██████▋ | 35/52 [00:13<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.381: 71%|███████ | 37/52 [00:13<00:00, 15.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.396: 75%|███████▌ | 39/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.423: 79%|███████▉ | 41/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.386: 83%|████████▎ | 43/52 [00:13<00:00, 15.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.306: 87%|████████▋ | 45/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.328: 90%|█████████ | 47/52 [00:14<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.488: 94%|█████████▍| 49/52 [00:14<00:00, 15.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[67/100] loss:1.375: 98%|█████████▊| 51/52 [00:14<00:00, 15.55it/s]torch.Size([12, 6])

train epoch[67/100] loss:1.389: 100%|██████████| 52/52 [00:14<00:00, 3.55it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[67/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.95s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[67/100]: 50%|█████ | 3/6 [00:11<00:08, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[67/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[67/100]: 100%|██████████| 6/6 [00:13<00:00, 2.18s/it]

[epoch 67] train\_loss: 1.383 val\_accuracy: 0.228

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[68/100] loss:1.413: 2%|▏ | 1/52 [00:10<09:17, 10.93s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.342: 6%|▌ | 3/52 [00:11<02:21, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.375: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.417: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.384: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.481: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.395: 25%|██▌ | 13/52 [00:11<00:10, 3.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.340: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.425: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.368: 37%|███▋ | 19/52 [00:12<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.340: 40%|████ | 21/52 [00:12<00:03, 9.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.361: 44%|████▍ | 23/52 [00:12<00:02, 10.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.396: 48%|████▊ | 25/52 [00:12<00:02, 11.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.389: 52%|█████▏ | 27/52 [00:12<00:01, 12.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.344: 56%|█████▌ | 29/52 [00:12<00:01, 13.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.327: 60%|█████▉ | 31/52 [00:12<00:01, 14.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.352: 63%|██████▎ | 33/52 [00:12<00:01, 14.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.356: 67%|██████▋ | 35/52 [00:13<00:01, 14.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.363: 71%|███████ | 37/52 [00:13<00:00, 15.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.360: 75%|███████▌ | 39/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.346: 79%|███████▉ | 41/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.414: 83%|████████▎ | 43/52 [00:13<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.385: 87%|████████▋ | 45/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.407: 90%|█████████ | 47/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.379: 94%|█████████▍| 49/52 [00:13<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[68/100] loss:1.400: 98%|█████████▊| 51/52 [00:14<00:00, 15.65it/s]torch.Size([12, 6])

train epoch[68/100] loss:1.351: 100%|██████████| 52/52 [00:14<00:00, 3.60it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[68/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.04s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[68/100]: 50%|█████ | 3/6 [00:11<00:08, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[68/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[68/100]: 100%|██████████| 6/6 [00:11<00:00, 1.94s/it]

[epoch 68] train\_loss: 1.384 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[69/100] loss:1.425: 2%|▏ | 1/52 [00:11<09:22, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.419: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.413: 10%|▉ | 5/52 [00:11<01:07, 1.45s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.399: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.325: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.421: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.415: 25%|██▌ | 13/52 [00:11<00:10, 3.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.435: 29%|██▉ | 15/52 [00:11<00:07, 4.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.312: 33%|███▎ | 17/52 [00:12<00:05, 6.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.447: 37%|███▋ | 19/52 [00:12<00:04, 7.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.425: 40%|████ | 21/52 [00:12<00:03, 8.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.383: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.394: 48%|████▊ | 25/52 [00:12<00:02, 11.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.393: 52%|█████▏ | 27/52 [00:12<00:01, 12.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.438: 56%|█████▌ | 29/52 [00:12<00:01, 13.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.375: 60%|█████▉ | 31/52 [00:12<00:01, 14.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.390: 63%|██████▎ | 33/52 [00:13<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.426: 67%|██████▋ | 35/52 [00:13<00:01, 15.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.386: 71%|███████ | 37/52 [00:13<00:00, 15.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.327: 75%|███████▌ | 39/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.378: 79%|███████▉ | 41/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.341: 83%|████████▎ | 43/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.376: 87%|████████▋ | 45/52 [00:13<00:00, 15.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.369: 90%|█████████ | 47/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.300: 94%|█████████▍| 49/52 [00:14<00:00, 15.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[69/100] loss:1.414: 98%|█████████▊| 51/52 [00:14<00:00, 15.83it/s]torch.Size([12, 6])

train epoch[69/100] loss:1.400: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[69/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[69/100]: 50%|█████ | 3/6 [00:11<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[69/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[69/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 69] train\_loss: 1.382 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[70/100] loss:1.391: 2%|▏ | 1/52 [00:12<10:30, 12.36s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.407: 6%|▌ | 3/52 [00:12<02:39, 3.25s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.447: 10%|▉ | 5/52 [00:12<01:15, 1.61s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.390: 13%|█▎ | 7/52 [00:12<00:43, 1.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.398: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.337: 21%|██ | 11/52 [00:13<00:17, 2.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.398: 25%|██▌ | 13/52 [00:13<00:11, 3.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.376: 29%|██▉ | 15/52 [00:13<00:08, 4.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.353: 33%|███▎ | 17/52 [00:13<00:06, 5.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.352: 37%|███▋ | 19/52 [00:13<00:04, 7.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.443: 40%|████ | 21/52 [00:13<00:03, 8.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.406: 44%|████▍ | 23/52 [00:13<00:02, 9.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.402: 48%|████▊ | 25/52 [00:13<00:02, 11.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.363: 52%|█████▏ | 27/52 [00:14<00:02, 12.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.442: 56%|█████▌ | 29/52 [00:14<00:01, 12.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.384: 60%|█████▉ | 31/52 [00:14<00:01, 13.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.325: 63%|██████▎ | 33/52 [00:14<00:01, 14.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.448: 67%|██████▋ | 35/52 [00:14<00:01, 14.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.385: 71%|███████ | 37/52 [00:14<00:00, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.409: 75%|███████▌ | 39/52 [00:14<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.370: 79%|███████▉ | 41/52 [00:14<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.300: 83%|████████▎ | 43/52 [00:15<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.298: 87%|████████▋ | 45/52 [00:15<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.413: 90%|█████████ | 47/52 [00:15<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.376: 94%|█████████▍| 49/52 [00:15<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[70/100] loss:1.350: 98%|█████████▊| 51/52 [00:15<00:00, 15.73it/s]torch.Size([12, 6])

train epoch[70/100] loss:1.343: 100%|██████████| 52/52 [00:15<00:00, 3.27it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[70/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[70/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[70/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[70/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 70] train\_loss: 1.388 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[71/100] loss:1.415: 2%|▏ | 1/52 [00:10<09:03, 10.66s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.389: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.367: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.328: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.416: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.454: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.398: 25%|██▌ | 13/52 [00:11<00:10, 3.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.413: 29%|██▉ | 15/52 [00:11<00:07, 4.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.424: 33%|███▎ | 17/52 [00:11<00:05, 6.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.326: 37%|███▋ | 19/52 [00:11<00:04, 7.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.355: 40%|████ | 21/52 [00:11<00:03, 9.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.365: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.334: 48%|████▊ | 25/52 [00:12<00:02, 11.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.421: 52%|█████▏ | 27/52 [00:12<00:01, 12.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.350: 56%|█████▌ | 29/52 [00:12<00:01, 13.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.408: 60%|█████▉ | 31/52 [00:12<00:01, 14.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.416: 63%|██████▎ | 33/52 [00:12<00:01, 14.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.379: 67%|██████▋ | 35/52 [00:12<00:01, 14.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.324: 71%|███████ | 37/52 [00:12<00:01, 14.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.372: 75%|███████▌ | 39/52 [00:13<00:00, 14.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.369: 79%|███████▉ | 41/52 [00:13<00:00, 14.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.400: 83%|████████▎ | 43/52 [00:13<00:00, 15.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.381: 87%|████████▋ | 45/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.458: 90%|█████████ | 47/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.421: 94%|█████████▍| 49/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[71/100] loss:1.343: 98%|█████████▊| 51/52 [00:13<00:00, 15.67it/s]torch.Size([12, 6])

train epoch[71/100] loss:1.408: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[71/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[71/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[71/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[71/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 71] train\_loss: 1.385 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[72/100] loss:1.305: 2%|▏ | 1/52 [00:11<09:29, 11.16s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.476: 6%|▌ | 3/52 [00:11<02:24, 2.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.348: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.422: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.429: 17%|█▋ | 9/52 [00:11<00:24, 1.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.416: 21%|██ | 11/52 [00:11<00:16, 2.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.375: 25%|██▌ | 13/52 [00:11<00:11, 3.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.397: 29%|██▉ | 15/52 [00:12<00:07, 4.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.388: 33%|███▎ | 17/52 [00:12<00:05, 6.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.393: 37%|███▋ | 19/52 [00:12<00:04, 7.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.450: 40%|████ | 21/52 [00:12<00:03, 8.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.352: 44%|████▍ | 23/52 [00:12<00:02, 10.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.381: 48%|████▊ | 25/52 [00:12<00:02, 11.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.374: 52%|█████▏ | 27/52 [00:12<00:02, 12.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.345: 56%|█████▌ | 29/52 [00:12<00:01, 13.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.400: 60%|█████▉ | 31/52 [00:13<00:01, 13.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.350: 63%|██████▎ | 33/52 [00:13<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.413: 67%|██████▋ | 35/52 [00:13<00:01, 14.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.407: 71%|███████ | 37/52 [00:13<00:00, 15.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.353: 75%|███████▌ | 39/52 [00:13<00:00, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.321: 79%|███████▉ | 41/52 [00:13<00:00, 15.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.393: 83%|████████▎ | 43/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.386: 87%|████████▋ | 45/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.421: 90%|█████████ | 47/52 [00:14<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.387: 94%|█████████▍| 49/52 [00:14<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[72/100] loss:1.391: 98%|█████████▊| 51/52 [00:14<00:00, 15.78it/s]torch.Size([12, 6])

train epoch[72/100] loss:1.365: 100%|██████████| 52/52 [00:14<00:00, 3.53it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[72/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.71s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[72/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[72/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[72/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 72] train\_loss: 1.386 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[73/100] loss:1.391: 2%|▏ | 1/52 [00:10<09:08, 10.75s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.340: 6%|▌ | 3/52 [00:10<02:18, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.366: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.352: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.391: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.351: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.416: 25%|██▌ | 13/52 [00:11<00:10, 3.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.367: 29%|██▉ | 15/52 [00:11<00:07, 4.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.422: 33%|███▎ | 17/52 [00:11<00:05, 6.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.379: 37%|███▋ | 19/52 [00:11<00:04, 7.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.330: 40%|████ | 21/52 [00:12<00:03, 9.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.344: 44%|████▍ | 23/52 [00:12<00:02, 10.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.396: 48%|████▊ | 25/52 [00:12<00:02, 11.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.374: 52%|█████▏ | 27/52 [00:12<00:02, 12.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.377: 56%|█████▌ | 29/52 [00:12<00:01, 13.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.340: 60%|█████▉ | 31/52 [00:12<00:01, 13.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.366: 63%|██████▎ | 33/52 [00:12<00:01, 14.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.408: 67%|██████▋ | 35/52 [00:12<00:01, 14.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.407: 71%|███████ | 37/52 [00:13<00:00, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.546: 75%|███████▌ | 39/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.360: 79%|███████▉ | 41/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.325: 83%|████████▎ | 43/52 [00:13<00:00, 15.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.335: 87%|████████▋ | 45/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.422: 90%|█████████ | 47/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.432: 94%|█████████▍| 49/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[73/100] loss:1.367: 98%|█████████▊| 51/52 [00:13<00:00, 15.71it/s]torch.Size([12, 6])

train epoch[73/100] loss:1.441: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[73/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[73/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[73/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[73/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 73] train\_loss: 1.383 val\_accuracy: 0.217

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[74/100] loss:1.363: 2%|▏ | 1/52 [00:10<09:14, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.399: 6%|▌ | 3/52 [00:10<02:20, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.405: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.352: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.356: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.407: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.423: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.426: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.370: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.381: 37%|███▋ | 19/52 [00:12<00:04, 7.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.326: 40%|████ | 21/52 [00:12<00:03, 9.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.340: 44%|████▍ | 23/52 [00:12<00:02, 10.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.401: 48%|████▊ | 25/52 [00:12<00:02, 11.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.407: 52%|█████▏ | 27/52 [00:12<00:01, 12.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.419: 56%|█████▌ | 29/52 [00:12<00:01, 13.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.371: 60%|█████▉ | 31/52 [00:12<00:01, 14.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.363: 63%|██████▎ | 33/52 [00:12<00:01, 14.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.370: 67%|██████▋ | 35/52 [00:13<00:01, 14.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.400: 71%|███████ | 37/52 [00:13<00:00, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.453: 75%|███████▌ | 39/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.415: 79%|███████▉ | 41/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.335: 83%|████████▎ | 43/52 [00:13<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.406: 87%|████████▋ | 45/52 [00:13<00:00, 15.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.431: 90%|█████████ | 47/52 [00:13<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.403: 94%|█████████▍| 49/52 [00:13<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[74/100] loss:1.427: 98%|█████████▊| 51/52 [00:14<00:00, 15.81it/s]torch.Size([12, 6])

train epoch[74/100] loss:1.371: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[74/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[74/100]: 50%|█████ | 3/6 [00:12<00:09, 3.27s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[74/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.62s/it]torch.Size([12, 6])

valid epoch[74/100]: 100%|██████████| 6/6 [00:13<00:00, 2.17s/it]

[epoch 74] train\_loss: 1.385 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[75/100] loss:1.403: 2%|▏ | 1/52 [00:10<09:20, 10.98s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.335: 6%|▌ | 3/52 [00:11<02:21, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.379: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.393: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.391: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.349: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.418: 25%|██▌ | 13/52 [00:11<00:10, 3.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.421: 29%|██▉ | 15/52 [00:11<00:07, 4.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.294: 33%|███▎ | 17/52 [00:12<00:05, 6.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.402: 37%|███▋ | 19/52 [00:12<00:04, 7.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.400: 40%|████ | 21/52 [00:12<00:03, 9.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.386: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.380: 48%|████▊ | 25/52 [00:12<00:02, 11.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.387: 52%|█████▏ | 27/52 [00:12<00:02, 12.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.407: 56%|█████▌ | 29/52 [00:12<00:01, 13.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.389: 60%|█████▉ | 31/52 [00:12<00:01, 13.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.381: 63%|██████▎ | 33/52 [00:13<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.357: 67%|██████▋ | 35/52 [00:13<00:01, 14.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.391: 71%|███████ | 37/52 [00:13<00:00, 15.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.321: 75%|███████▌ | 39/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.396: 79%|███████▉ | 41/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.354: 83%|████████▎ | 43/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.369: 87%|████████▋ | 45/52 [00:13<00:00, 15.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.392: 90%|█████████ | 47/52 [00:13<00:00, 15.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.371: 94%|█████████▍| 49/52 [00:14<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[75/100] loss:1.398: 98%|█████████▊| 51/52 [00:14<00:00, 15.93it/s]torch.Size([12, 6])

train epoch[75/100] loss:1.398: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[75/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[75/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[75/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[75/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 75] train\_loss: 1.384 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[76/100] loss:1.422: 2%|▏ | 1/52 [00:10<09:13, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.308: 6%|▌ | 3/52 [00:10<02:20, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.442: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.393: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.339: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.362: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.318: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.371: 29%|██▉ | 15/52 [00:11<00:07, 4.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.326: 33%|███▎ | 17/52 [00:11<00:05, 6.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.395: 37%|███▋ | 19/52 [00:12<00:04, 7.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.383: 40%|████ | 21/52 [00:12<00:03, 8.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.420: 44%|████▍ | 23/52 [00:12<00:02, 10.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.369: 48%|████▊ | 25/52 [00:12<00:02, 11.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.372: 52%|█████▏ | 27/52 [00:12<00:02, 12.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.360: 56%|█████▌ | 29/52 [00:12<00:01, 13.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.407: 60%|█████▉ | 31/52 [00:12<00:01, 14.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.364: 63%|██████▎ | 33/52 [00:12<00:01, 14.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.427: 67%|██████▋ | 35/52 [00:13<00:01, 14.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.359: 71%|███████ | 37/52 [00:13<00:00, 15.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.292: 75%|███████▌ | 39/52 [00:13<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.415: 79%|███████▉ | 41/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.437: 83%|████████▎ | 43/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.395: 87%|████████▋ | 45/52 [00:13<00:00, 15.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.392: 90%|█████████ | 47/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.402: 94%|█████████▍| 49/52 [00:13<00:00, 15.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[76/100] loss:1.447: 98%|█████████▊| 51/52 [00:14<00:00, 15.98it/s]torch.Size([12, 6])

train epoch[76/100] loss:1.470: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[76/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.98s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[76/100]: 50%|█████ | 3/6 [00:11<00:08, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[76/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[76/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 76] train\_loss: 1.383 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[77/100] loss:1.396: 2%|▏ | 1/52 [00:12<10:46, 12.67s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.405: 6%|▌ | 3/52 [00:12<02:43, 3.33s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.426: 10%|▉ | 5/52 [00:12<01:17, 1.65s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.394: 13%|█▎ | 7/52 [00:13<00:44, 1.02it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.367: 17%|█▋ | 9/52 [00:13<00:27, 1.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.332: 21%|██ | 11/52 [00:13<00:17, 2.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.352: 25%|██▌ | 13/52 [00:13<00:12, 3.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.399: 29%|██▉ | 15/52 [00:13<00:08, 4.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.300: 33%|███▎ | 17/52 [00:13<00:06, 5.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.368: 37%|███▋ | 19/52 [00:13<00:04, 7.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.343: 40%|████ | 21/52 [00:13<00:03, 8.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.420: 44%|████▍ | 23/52 [00:14<00:02, 9.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.439: 48%|████▊ | 25/52 [00:14<00:02, 11.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.347: 52%|█████▏ | 27/52 [00:14<00:02, 12.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.368: 56%|█████▌ | 29/52 [00:14<00:01, 13.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.430: 60%|█████▉ | 31/52 [00:14<00:01, 13.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.385: 63%|██████▎ | 33/52 [00:14<00:01, 14.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.383: 67%|██████▋ | 35/52 [00:14<00:01, 14.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.351: 71%|███████ | 37/52 [00:14<00:01, 14.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.338: 75%|███████▌ | 39/52 [00:15<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.444: 79%|███████▉ | 41/52 [00:15<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.336: 83%|████████▎ | 43/52 [00:15<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.428: 87%|████████▋ | 45/52 [00:15<00:00, 15.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.348: 90%|█████████ | 47/52 [00:15<00:00, 15.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.413: 94%|█████████▍| 49/52 [00:15<00:00, 15.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[77/100] loss:1.380: 98%|█████████▊| 51/52 [00:15<00:00, 15.84it/s]torch.Size([12, 6])

train epoch[77/100] loss:1.346: 100%|██████████| 52/52 [00:16<00:00, 3.21it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[77/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[77/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[77/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[77/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 77] train\_loss: 1.383 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[78/100] loss:1.408: 2%|▏ | 1/52 [00:10<09:03, 10.66s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.405: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.344: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.431: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.328: 17%|█▋ | 9/52 [00:11<00:23, 1.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.427: 21%|██ | 11/52 [00:11<00:15, 2.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.384: 25%|██▌ | 13/52 [00:11<00:10, 3.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.380: 29%|██▉ | 15/52 [00:11<00:07, 4.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.379: 33%|███▎ | 17/52 [00:11<00:05, 6.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.334: 37%|███▋ | 19/52 [00:11<00:04, 7.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.380: 40%|████ | 21/52 [00:11<00:03, 9.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.315: 44%|████▍ | 23/52 [00:12<00:02, 10.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.385: 48%|████▊ | 25/52 [00:12<00:02, 11.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.359: 52%|█████▏ | 27/52 [00:12<00:01, 12.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.344: 56%|█████▌ | 29/52 [00:12<00:01, 13.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.372: 60%|█████▉ | 31/52 [00:12<00:01, 13.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.394: 63%|██████▎ | 33/52 [00:12<00:01, 14.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.376: 67%|██████▋ | 35/52 [00:12<00:01, 14.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.359: 71%|███████ | 37/52 [00:12<00:01, 14.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.422: 75%|███████▌ | 39/52 [00:13<00:00, 15.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.359: 79%|███████▉ | 41/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.279: 83%|████████▎ | 43/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.368: 87%|████████▋ | 45/52 [00:13<00:00, 15.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.398: 90%|█████████ | 47/52 [00:13<00:00, 15.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.362: 94%|█████████▍| 49/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[78/100] loss:1.363: 98%|█████████▊| 51/52 [00:13<00:00, 15.70it/s]torch.Size([12, 6])

train epoch[78/100] loss:1.455: 100%|██████████| 52/52 [00:14<00:00, 3.66it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[78/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.57s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[78/100]: 50%|█████ | 3/6 [00:12<00:09, 3.30s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[78/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.64s/it]torch.Size([12, 6])

valid epoch[78/100]: 100%|██████████| 6/6 [00:13<00:00, 2.19s/it]

[epoch 78] train\_loss: 1.382 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[79/100] loss:1.393: 2%|▏ | 1/52 [00:10<09:20, 10.99s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.356: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.336: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.376: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.391: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.343: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.407: 25%|██▌ | 13/52 [00:11<00:10, 3.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.403: 29%|██▉ | 15/52 [00:11<00:07, 4.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.398: 33%|███▎ | 17/52 [00:12<00:05, 6.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.356: 37%|███▋ | 19/52 [00:12<00:04, 7.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.356: 40%|████ | 21/52 [00:12<00:03, 9.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.355: 44%|████▍ | 23/52 [00:12<00:02, 10.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.393: 48%|████▊ | 25/52 [00:12<00:02, 11.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.396: 52%|█████▏ | 27/52 [00:12<00:01, 12.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.397: 56%|█████▌ | 29/52 [00:12<00:01, 13.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.418: 60%|█████▉ | 31/52 [00:12<00:01, 13.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.343: 63%|██████▎ | 33/52 [00:13<00:01, 14.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.394: 67%|██████▋ | 35/52 [00:13<00:01, 14.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.442: 71%|███████ | 37/52 [00:13<00:00, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.318: 75%|███████▌ | 39/52 [00:13<00:00, 14.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.376: 79%|███████▉ | 41/52 [00:13<00:00, 15.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.493: 83%|████████▎ | 43/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.397: 87%|████████▋ | 45/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.354: 90%|█████████ | 47/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.426: 94%|█████████▍| 49/52 [00:14<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[79/100] loss:1.351: 98%|█████████▊| 51/52 [00:14<00:00, 15.83it/s]torch.Size([12, 6])

train epoch[79/100] loss:1.384: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[79/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[79/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[79/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[79/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 79] train\_loss: 1.384 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[80/100] loss:1.381: 2%|▏ | 1/52 [00:10<09:13, 10.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.342: 6%|▌ | 3/52 [00:10<02:20, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.416: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.374: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.356: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.378: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.394: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.354: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.354: 33%|███▎ | 17/52 [00:11<00:05, 6.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.408: 37%|███▋ | 19/52 [00:11<00:04, 7.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.356: 40%|████ | 21/52 [00:12<00:03, 8.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.439: 44%|████▍ | 23/52 [00:12<00:02, 10.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.401: 48%|████▊ | 25/52 [00:12<00:02, 11.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.396: 52%|█████▏ | 27/52 [00:12<00:01, 12.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.386: 56%|█████▌ | 29/52 [00:12<00:01, 13.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.307: 60%|█████▉ | 31/52 [00:12<00:01, 14.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.410: 63%|██████▎ | 33/52 [00:12<00:01, 14.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.357: 67%|██████▋ | 35/52 [00:13<00:01, 14.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.366: 71%|███████ | 37/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.352: 75%|███████▌ | 39/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.441: 79%|███████▉ | 41/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.394: 83%|████████▎ | 43/52 [00:13<00:00, 15.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.412: 87%|████████▋ | 45/52 [00:13<00:00, 15.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.381: 90%|█████████ | 47/52 [00:13<00:00, 15.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.412: 94%|█████████▍| 49/52 [00:13<00:00, 15.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[80/100] loss:1.355: 98%|█████████▊| 51/52 [00:14<00:00, 15.80it/s]torch.Size([12, 6])

train epoch[80/100] loss:1.447: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[80/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[80/100]: 50%|█████ | 3/6 [00:11<00:08, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[80/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[80/100]: 100%|██████████| 6/6 [00:11<00:00, 1.92s/it]

[epoch 80] train\_loss: 1.380 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[81/100] loss:1.390: 2%|▏ | 1/52 [00:11<09:22, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.351: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.350: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.350: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.400: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.423: 21%|██ | 11/52 [00:11<00:15, 2.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.350: 25%|██▌ | 13/52 [00:11<00:10, 3.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.361: 29%|██▉ | 15/52 [00:11<00:07, 4.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.411: 33%|███▎ | 17/52 [00:12<00:05, 6.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.390: 37%|███▋ | 19/52 [00:12<00:04, 7.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.406: 40%|████ | 21/52 [00:12<00:03, 8.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.394: 44%|████▍ | 23/52 [00:12<00:02, 10.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.302: 48%|████▊ | 25/52 [00:12<00:02, 11.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.318: 52%|█████▏ | 27/52 [00:12<00:01, 12.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.442: 56%|█████▌ | 29/52 [00:12<00:01, 13.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.403: 60%|█████▉ | 31/52 [00:12<00:01, 14.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.362: 63%|██████▎ | 33/52 [00:13<00:01, 14.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.385: 67%|██████▋ | 35/52 [00:13<00:01, 14.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.409: 71%|███████ | 37/52 [00:13<00:00, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.367: 75%|███████▌ | 39/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.482: 79%|███████▉ | 41/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.405: 83%|████████▎ | 43/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.455: 87%|████████▋ | 45/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.385: 90%|█████████ | 47/52 [00:13<00:00, 15.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.337: 94%|█████████▍| 49/52 [00:14<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[81/100] loss:1.407: 98%|█████████▊| 51/52 [00:14<00:00, 15.78it/s]torch.Size([12, 6])

train epoch[81/100] loss:1.457: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[81/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.45s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[81/100]: 50%|█████ | 3/6 [00:12<00:09, 3.28s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[81/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.62s/it]torch.Size([12, 6])

valid epoch[81/100]: 100%|██████████| 6/6 [00:13<00:00, 2.17s/it]

[epoch 81] train\_loss: 1.385 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[82/100] loss:1.390: 2%|▏ | 1/52 [00:10<09:16, 10.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.389: 6%|▌ | 3/52 [00:11<02:20, 2.88s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.363: 10%|▉ | 5/52 [00:11<01:07, 1.43s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.379: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.371: 17%|█▋ | 9/52 [00:11<00:23, 1.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.320: 21%|██ | 11/52 [00:11<00:15, 2.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.364: 25%|██▌ | 13/52 [00:11<00:10, 3.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.380: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.339: 33%|███▎ | 17/52 [00:11<00:05, 6.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.397: 37%|███▋ | 19/52 [00:12<00:04, 7.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.472: 40%|████ | 21/52 [00:12<00:03, 9.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.353: 44%|████▍ | 23/52 [00:12<00:02, 10.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.373: 48%|████▊ | 25/52 [00:12<00:02, 11.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.360: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.409: 56%|█████▌ | 29/52 [00:12<00:01, 13.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.345: 60%|█████▉ | 31/52 [00:12<00:01, 14.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.345: 63%|██████▎ | 33/52 [00:12<00:01, 14.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.399: 67%|██████▋ | 35/52 [00:13<00:01, 14.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.431: 71%|███████ | 37/52 [00:13<00:00, 15.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.400: 75%|███████▌ | 39/52 [00:13<00:00, 15.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.344: 79%|███████▉ | 41/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.376: 83%|████████▎ | 43/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.326: 87%|████████▋ | 45/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.340: 90%|█████████ | 47/52 [00:13<00:00, 15.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.306: 94%|█████████▍| 49/52 [00:13<00:00, 15.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[82/100] loss:1.444: 98%|█████████▊| 51/52 [00:14<00:00, 15.74it/s]torch.Size([12, 6])

train epoch[82/100] loss:1.297: 100%|██████████| 52/52 [00:14<00:00, 3.60it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[82/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.78s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[82/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[82/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[82/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 82] train\_loss: 1.380 val\_accuracy: 0.239

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[83/100] loss:1.362: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.272: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.453: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.347: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.406: 17%|█▋ | 9/52 [00:11<00:24, 1.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.417: 21%|██ | 11/52 [00:11<00:15, 2.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.382: 25%|██▌ | 13/52 [00:11<00:10, 3.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.344: 29%|██▉ | 15/52 [00:11<00:07, 4.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.325: 33%|███▎ | 17/52 [00:12<00:05, 6.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.359: 37%|███▋ | 19/52 [00:12<00:04, 7.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.432: 40%|████ | 21/52 [00:12<00:03, 8.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.377: 44%|████▍ | 23/52 [00:12<00:02, 10.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.435: 48%|████▊ | 25/52 [00:12<00:02, 11.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.333: 52%|█████▏ | 27/52 [00:12<00:02, 12.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.353: 56%|█████▌ | 29/52 [00:12<00:01, 12.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.442: 60%|█████▉ | 31/52 [00:12<00:01, 13.68it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.364: 63%|██████▎ | 33/52 [00:13<00:01, 14.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.359: 67%|██████▋ | 35/52 [00:13<00:01, 14.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.397: 71%|███████ | 37/52 [00:13<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.417: 75%|███████▌ | 39/52 [00:13<00:00, 14.97it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.406: 79%|███████▉ | 41/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.371: 83%|████████▎ | 43/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.325: 87%|████████▋ | 45/52 [00:13<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.354: 90%|█████████ | 47/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.454: 94%|█████████▍| 49/52 [00:14<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[83/100] loss:1.378: 98%|█████████▊| 51/52 [00:14<00:00, 15.60it/s]torch.Size([12, 6])

train epoch[83/100] loss:1.477: 100%|██████████| 52/52 [00:14<00:00, 3.56it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[83/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.58s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[83/100]: 50%|█████ | 3/6 [00:12<00:09, 3.31s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[83/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.64s/it]torch.Size([12, 6])

valid epoch[83/100]: 100%|██████████| 6/6 [00:13<00:00, 2.20s/it]

[epoch 83] train\_loss: 1.385 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[84/100] loss:1.416: 2%|▏ | 1/52 [00:10<08:59, 10.58s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.347: 6%|▌ | 3/52 [00:10<02:16, 2.79s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.364: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.338: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.370: 17%|█▋ | 9/52 [00:11<00:23, 1.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.330: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.417: 25%|██▌ | 13/52 [00:11<00:10, 3.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.346: 29%|██▉ | 15/52 [00:11<00:07, 4.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.385: 33%|███▎ | 17/52 [00:11<00:05, 6.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.379: 37%|███▋ | 19/52 [00:11<00:04, 7.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.435: 40%|████ | 21/52 [00:11<00:03, 9.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.362: 44%|████▍ | 23/52 [00:11<00:02, 10.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.405: 48%|████▊ | 25/52 [00:12<00:02, 11.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.350: 52%|█████▏ | 27/52 [00:12<00:01, 12.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.350: 56%|█████▌ | 29/52 [00:12<00:01, 13.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.395: 60%|█████▉ | 31/52 [00:12<00:01, 14.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.391: 63%|██████▎ | 33/52 [00:12<00:01, 14.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.400: 67%|██████▋ | 35/52 [00:12<00:01, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.364: 71%|███████ | 37/52 [00:12<00:00, 15.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.384: 75%|███████▌ | 39/52 [00:12<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.348: 79%|███████▉ | 41/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.383: 83%|████████▎ | 43/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.395: 87%|████████▋ | 45/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.392: 90%|█████████ | 47/52 [00:13<00:00, 15.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.377: 94%|█████████▍| 49/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[84/100] loss:1.331: 98%|█████████▊| 51/52 [00:13<00:00, 15.72it/s]torch.Size([12, 6])

train epoch[84/100] loss:1.356: 100%|██████████| 52/52 [00:14<00:00, 3.69it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[84/100]: 17%|█▋ | 1/6 [00:11<00:57, 11.51s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[84/100]: 50%|█████ | 3/6 [00:11<00:09, 3.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[84/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.51s/it]torch.Size([12, 6])

valid epoch[84/100]: 100%|██████████| 6/6 [00:12<00:00, 2.02s/it]

[epoch 84] train\_loss: 1.378 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[85/100] loss:1.401: 2%|▏ | 1/52 [00:11<09:22, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.456: 6%|▌ | 3/52 [00:11<02:22, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.392: 10%|▉ | 5/52 [00:11<01:07, 1.45s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.333: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.420: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.378: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.394: 25%|██▌ | 13/52 [00:11<00:10, 3.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.364: 29%|██▉ | 15/52 [00:11<00:07, 4.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.363: 33%|███▎ | 17/52 [00:12<00:05, 6.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.351: 37%|███▋ | 19/52 [00:12<00:04, 7.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.402: 40%|████ | 21/52 [00:12<00:03, 8.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.333: 44%|████▍ | 23/52 [00:12<00:02, 10.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.383: 48%|████▊ | 25/52 [00:12<00:02, 11.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.299: 52%|█████▏ | 27/52 [00:12<00:01, 12.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.307: 56%|█████▌ | 29/52 [00:12<00:01, 13.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.355: 60%|█████▉ | 31/52 [00:12<00:01, 13.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.361: 63%|██████▎ | 33/52 [00:13<00:01, 14.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.387: 67%|██████▋ | 35/52 [00:13<00:01, 14.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.422: 71%|███████ | 37/52 [00:13<00:01, 14.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.327: 75%|███████▌ | 39/52 [00:13<00:00, 15.01it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.377: 79%|███████▉ | 41/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.387: 83%|████████▎ | 43/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.390: 87%|████████▋ | 45/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.423: 90%|█████████ | 47/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.330: 94%|█████████▍| 49/52 [00:14<00:00, 15.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[85/100] loss:1.366: 98%|█████████▊| 51/52 [00:14<00:00, 15.72it/s]torch.Size([12, 6])

train epoch[85/100] loss:1.343: 100%|██████████| 52/52 [00:14<00:00, 3.57it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[85/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[85/100]: 50%|█████ | 3/6 [00:10<00:08, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[85/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[85/100]: 100%|██████████| 6/6 [00:11<00:00, 1.90s/it]

[epoch 85] train\_loss: 1.374 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[86/100] loss:1.364: 2%|▏ | 1/52 [00:12<10:28, 12.33s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.372: 6%|▌ | 3/52 [00:12<02:39, 3.25s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.337: 10%|▉ | 5/52 [00:12<01:15, 1.61s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.361: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.415: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.355: 21%|██ | 11/52 [00:12<00:17, 2.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.397: 25%|██▌ | 13/52 [00:13<00:11, 3.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.381: 29%|██▉ | 15/52 [00:13<00:08, 4.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.356: 33%|███▎ | 17/52 [00:13<00:06, 5.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.368: 37%|███▋ | 19/52 [00:13<00:04, 7.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.361: 40%|████ | 21/52 [00:13<00:03, 8.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.326: 44%|████▍ | 23/52 [00:13<00:02, 10.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.327: 48%|████▊ | 25/52 [00:13<00:02, 11.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.372: 52%|█████▏ | 27/52 [00:13<00:02, 12.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.398: 56%|█████▌ | 29/52 [00:14<00:01, 13.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.360: 60%|█████▉ | 31/52 [00:14<00:01, 13.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.510: 63%|██████▎ | 33/52 [00:14<00:01, 14.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.350: 67%|██████▋ | 35/52 [00:14<00:01, 14.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.438: 71%|███████ | 37/52 [00:14<00:00, 15.06it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.351: 75%|███████▌ | 39/52 [00:14<00:00, 15.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.393: 79%|███████▉ | 41/52 [00:14<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.355: 83%|████████▎ | 43/52 [00:15<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.318: 87%|████████▋ | 45/52 [00:15<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.340: 90%|█████████ | 47/52 [00:15<00:00, 15.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.381: 94%|█████████▍| 49/52 [00:15<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[86/100] loss:1.357: 98%|█████████▊| 51/52 [00:15<00:00, 15.50it/s]torch.Size([12, 6])

train epoch[86/100] loss:1.431: 100%|██████████| 52/52 [00:15<00:00, 3.27it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[86/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.77s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[86/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[86/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[86/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 86] train\_loss: 1.377 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[87/100] loss:1.353: 2%|▏ | 1/52 [00:11<09:21, 11.01s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.370: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.351: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.434: 13%|█▎ | 7/52 [00:11<00:38, 1.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.363: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.459: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.383: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.368: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.295: 33%|███▎ | 17/52 [00:12<00:05, 6.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.306: 37%|███▋ | 19/52 [00:12<00:04, 7.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.404: 40%|████ | 21/52 [00:12<00:03, 9.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.305: 44%|████▍ | 23/52 [00:12<00:02, 10.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.404: 48%|████▊ | 25/52 [00:12<00:02, 11.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.399: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.417: 56%|█████▌ | 29/52 [00:12<00:01, 13.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.410: 60%|█████▉ | 31/52 [00:12<00:01, 14.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.468: 63%|██████▎ | 33/52 [00:13<00:01, 14.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.407: 67%|██████▋ | 35/52 [00:13<00:01, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.343: 71%|███████ | 37/52 [00:13<00:00, 15.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.423: 75%|███████▌ | 39/52 [00:13<00:00, 15.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.441: 79%|███████▉ | 41/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.431: 83%|████████▎ | 43/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.347: 87%|████████▋ | 45/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.468: 90%|█████████ | 47/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.410: 94%|█████████▍| 49/52 [00:14<00:00, 15.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[87/100] loss:1.391: 98%|█████████▊| 51/52 [00:14<00:00, 15.94it/s]torch.Size([12, 6])

train epoch[87/100] loss:1.441: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[87/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[87/100]: 50%|█████ | 3/6 [00:10<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[87/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.43s/it]torch.Size([12, 6])

valid epoch[87/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 87] train\_loss: 1.382 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[88/100] loss:1.401: 2%|▏ | 1/52 [00:12<10:30, 12.36s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.353: 6%|▌ | 3/52 [00:12<02:39, 3.25s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.392: 10%|▉ | 5/52 [00:12<01:15, 1.61s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.423: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.329: 17%|█▋ | 9/52 [00:12<00:26, 1.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.372: 21%|██ | 11/52 [00:13<00:17, 2.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.465: 25%|██▌ | 13/52 [00:13<00:11, 3.27it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.374: 29%|██▉ | 15/52 [00:13<00:08, 4.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.435: 33%|███▎ | 17/52 [00:13<00:06, 5.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.287: 37%|███▋ | 19/52 [00:13<00:04, 7.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.364: 40%|████ | 21/52 [00:13<00:03, 8.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.294: 44%|████▍ | 23/52 [00:13<00:02, 9.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.340: 48%|████▊ | 25/52 [00:13<00:02, 11.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.344: 52%|█████▏ | 27/52 [00:14<00:02, 12.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.342: 56%|█████▌ | 29/52 [00:14<00:01, 13.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.309: 60%|█████▉ | 31/52 [00:14<00:01, 13.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.417: 63%|██████▎ | 33/52 [00:14<00:01, 14.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.481: 67%|██████▋ | 35/52 [00:14<00:01, 14.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.426: 71%|███████ | 37/52 [00:14<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.305: 75%|███████▌ | 39/52 [00:14<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.359: 79%|███████▉ | 41/52 [00:14<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.415: 83%|████████▎ | 43/52 [00:15<00:00, 15.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.432: 87%|████████▋ | 45/52 [00:15<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.359: 90%|█████████ | 47/52 [00:15<00:00, 15.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.387: 94%|█████████▍| 49/52 [00:15<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[88/100] loss:1.368: 98%|█████████▊| 51/52 [00:15<00:00, 15.47it/s]torch.Size([12, 6])

train epoch[88/100] loss:1.337: 100%|██████████| 52/52 [00:15<00:00, 3.26it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[88/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.03s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[88/100]: 50%|█████ | 3/6 [00:11<00:08, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[88/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[88/100]: 100%|██████████| 6/6 [00:11<00:00, 1.94s/it]

[epoch 88] train\_loss: 1.376 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[89/100] loss:1.393: 2%|▏ | 1/52 [00:10<09:18, 10.96s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.437: 6%|▌ | 3/52 [00:11<02:21, 2.89s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.415: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.274: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.441: 17%|█▋ | 9/52 [00:11<00:23, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.219: 21%|██ | 11/52 [00:11<00:15, 2.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.261: 25%|██▌ | 13/52 [00:11<00:10, 3.61it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.455: 29%|██▉ | 15/52 [00:11<00:07, 4.80it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.468: 33%|███▎ | 17/52 [00:11<00:05, 6.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.465: 37%|███▋ | 19/52 [00:12<00:04, 7.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.283: 40%|████ | 21/52 [00:12<00:03, 8.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.352: 44%|████▍ | 23/52 [00:12<00:02, 10.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.408: 48%|████▊ | 25/52 [00:12<00:02, 11.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.412: 52%|█████▏ | 27/52 [00:12<00:02, 12.45it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.333: 56%|█████▌ | 29/52 [00:12<00:01, 13.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.415: 60%|█████▉ | 31/52 [00:12<00:01, 13.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.408: 63%|██████▎ | 33/52 [00:13<00:01, 14.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.405: 67%|██████▋ | 35/52 [00:13<00:01, 14.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.410: 71%|███████ | 37/52 [00:13<00:01, 14.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.378: 75%|███████▌ | 39/52 [00:13<00:00, 14.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.334: 79%|███████▉ | 41/52 [00:13<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.393: 83%|████████▎ | 43/52 [00:13<00:00, 15.35it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.497: 87%|████████▋ | 45/52 [00:13<00:00, 15.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.339: 90%|█████████ | 47/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.388: 94%|█████████▍| 49/52 [00:14<00:00, 15.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[89/100] loss:1.318: 98%|█████████▊| 51/52 [00:14<00:00, 15.78it/s]torch.Size([12, 6])

train epoch[89/100] loss:1.394: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[89/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.06s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[89/100]: 50%|█████ | 3/6 [00:11<00:08, 2.91s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[89/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.45s/it]torch.Size([12, 6])

valid epoch[89/100]: 100%|██████████| 6/6 [00:11<00:00, 1.94s/it]

[epoch 89] train\_loss: 1.377 val\_accuracy: 0.315

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[90/100] loss:1.390: 2%|▏ | 1/52 [00:10<09:08, 10.76s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.295: 6%|▌ | 3/52 [00:10<02:19, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.333: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.456: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.393: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.512: 21%|██ | 11/52 [00:11<00:15, 2.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.286: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.397: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.409: 33%|███▎ | 17/52 [00:11<00:05, 6.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.415: 37%|███▋ | 19/52 [00:11<00:04, 7.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.423: 40%|████ | 21/52 [00:12<00:03, 9.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.387: 44%|████▍ | 23/52 [00:12<00:02, 10.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.415: 48%|████▊ | 25/52 [00:12<00:02, 11.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.363: 52%|█████▏ | 27/52 [00:12<00:01, 12.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.388: 56%|█████▌ | 29/52 [00:12<00:01, 13.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.450: 60%|█████▉ | 31/52 [00:12<00:01, 14.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.429: 63%|██████▎ | 33/52 [00:12<00:01, 14.58it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.329: 67%|██████▋ | 35/52 [00:12<00:01, 14.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.387: 71%|███████ | 37/52 [00:13<00:00, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.438: 75%|███████▌ | 39/52 [00:13<00:00, 15.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.417: 79%|███████▉ | 41/52 [00:13<00:00, 15.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.445: 83%|████████▎ | 43/52 [00:13<00:00, 15.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.376: 87%|████████▋ | 45/52 [00:13<00:00, 15.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.356: 90%|█████████ | 47/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.388: 94%|█████████▍| 49/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[90/100] loss:1.326: 98%|█████████▊| 51/52 [00:13<00:00, 15.68it/s]torch.Size([12, 6])

train epoch[90/100] loss:1.333: 100%|██████████| 52/52 [00:14<00:00, 3.64it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[90/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.51s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[90/100]: 50%|█████ | 3/6 [00:12<00:09, 3.29s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[90/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.63s/it]torch.Size([12, 6])

valid epoch[90/100]: 100%|██████████| 6/6 [00:13<00:00, 2.18s/it]

[epoch 90] train\_loss: 1.383 val\_accuracy: 0.261

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[91/100] loss:1.379: 2%|▏ | 1/52 [00:10<09:11, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.303: 6%|▌ | 3/52 [00:10<02:19, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.342: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.377: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.402: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.407: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.364: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.332: 29%|██▉ | 15/52 [00:11<00:07, 4.86it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.381: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.395: 37%|███▋ | 19/52 [00:11<00:04, 7.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.410: 40%|████ | 21/52 [00:12<00:03, 9.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.405: 44%|████▍ | 23/52 [00:12<00:02, 10.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.354: 48%|████▊ | 25/52 [00:12<00:02, 11.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.388: 52%|█████▏ | 27/52 [00:12<00:01, 12.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.388: 56%|█████▌ | 29/52 [00:12<00:01, 13.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.338: 60%|█████▉ | 31/52 [00:12<00:01, 14.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.410: 63%|██████▎ | 33/52 [00:12<00:01, 14.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.344: 67%|██████▋ | 35/52 [00:12<00:01, 14.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.383: 71%|███████ | 37/52 [00:13<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.372: 75%|███████▌ | 39/52 [00:13<00:00, 15.37it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.434: 79%|███████▉ | 41/52 [00:13<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.359: 83%|████████▎ | 43/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.354: 87%|████████▋ | 45/52 [00:13<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.414: 90%|█████████ | 47/52 [00:13<00:00, 15.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.379: 94%|█████████▍| 49/52 [00:13<00:00, 15.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[91/100] loss:1.386: 98%|█████████▊| 51/52 [00:14<00:00, 15.36it/s]torch.Size([12, 6])

train epoch[91/100] loss:1.396: 100%|██████████| 52/52 [00:14<00:00, 3.61it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[91/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.78s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[91/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[91/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[91/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 91] train\_loss: 1.375 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[92/100] loss:1.341: 2%|▏ | 1/52 [00:10<09:20, 10.99s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.380: 6%|▌ | 3/52 [00:11<02:22, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.367: 10%|▉ | 5/52 [00:11<01:07, 1.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.361: 13%|█▎ | 7/52 [00:11<00:38, 1.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.360: 17%|█▋ | 9/52 [00:11<00:24, 1.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.372: 21%|██ | 11/52 [00:11<00:15, 2.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.374: 25%|██▌ | 13/52 [00:11<00:10, 3.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.351: 29%|██▉ | 15/52 [00:11<00:07, 4.78it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.365: 33%|███▎ | 17/52 [00:12<00:05, 6.13it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.374: 37%|███▋ | 19/52 [00:12<00:04, 7.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.331: 40%|████ | 21/52 [00:12<00:03, 8.99it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.375: 44%|████▍ | 23/52 [00:12<00:02, 10.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.338: 48%|████▊ | 25/52 [00:12<00:02, 11.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.419: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.459: 56%|█████▌ | 29/52 [00:12<00:01, 13.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.365: 60%|█████▉ | 31/52 [00:12<00:01, 14.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.394: 63%|██████▎ | 33/52 [00:13<00:01, 14.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.458: 67%|██████▋ | 35/52 [00:13<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.428: 71%|███████ | 37/52 [00:13<00:00, 15.11it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.420: 75%|███████▌ | 39/52 [00:13<00:00, 15.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.388: 79%|███████▉ | 41/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.386: 83%|████████▎ | 43/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.431: 87%|████████▋ | 45/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.346: 90%|█████████ | 47/52 [00:13<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.392: 94%|█████████▍| 49/52 [00:14<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[92/100] loss:1.400: 98%|█████████▊| 51/52 [00:14<00:00, 15.63it/s]torch.Size([12, 6])

train epoch[92/100] loss:1.374: 100%|██████████| 52/52 [00:14<00:00, 3.58it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[92/100]: 17%|█▋ | 1/6 [00:12<01:02, 12.48s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[92/100]: 50%|█████ | 3/6 [00:12<00:09, 3.28s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[92/100]: 83%|████████▎ | 5/6 [00:12<00:01, 1.63s/it]torch.Size([12, 6])

valid epoch[92/100]: 100%|██████████| 6/6 [00:13<00:00, 2.18s/it]

[epoch 92] train\_loss: 1.388 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[93/100] loss:1.337: 2%|▏ | 1/52 [00:10<09:00, 10.61s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.420: 6%|▌ | 3/52 [00:10<02:17, 2.80s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.319: 10%|▉ | 5/52 [00:10<01:05, 1.39s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.390: 13%|█▎ | 7/52 [00:10<00:37, 1.21it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.438: 17%|█▋ | 9/52 [00:11<00:23, 1.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.403: 21%|██ | 11/52 [00:11<00:15, 2.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.500: 25%|██▌ | 13/52 [00:11<00:10, 3.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.469: 29%|██▉ | 15/52 [00:11<00:07, 4.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.363: 33%|███▎ | 17/52 [00:11<00:05, 6.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.386: 37%|███▋ | 19/52 [00:11<00:04, 7.70it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.437: 40%|████ | 21/52 [00:11<00:03, 9.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.402: 44%|████▍ | 23/52 [00:12<00:02, 10.44it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.455: 48%|████▊ | 25/52 [00:12<00:02, 11.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.407: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.369: 56%|█████▌ | 29/52 [00:12<00:01, 13.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.336: 60%|█████▉ | 31/52 [00:12<00:01, 14.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.358: 63%|██████▎ | 33/52 [00:12<00:01, 14.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.358: 67%|██████▋ | 35/52 [00:12<00:01, 14.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.284: 71%|███████ | 37/52 [00:12<00:00, 15.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.354: 75%|███████▌ | 39/52 [00:13<00:00, 15.29it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.370: 79%|███████▉ | 41/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.380: 83%|████████▎ | 43/52 [00:13<00:00, 15.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.378: 87%|████████▋ | 45/52 [00:13<00:00, 15.26it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.345: 90%|█████████ | 47/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.362: 94%|█████████▍| 49/52 [00:13<00:00, 15.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[93/100] loss:1.450: 98%|█████████▊| 51/52 [00:13<00:00, 15.47it/s]torch.Size([12, 6])

train epoch[93/100] loss:1.317: 100%|██████████| 52/52 [00:14<00:00, 3.67it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[93/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.99s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[93/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[93/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[93/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 93] train\_loss: 1.386 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[94/100] loss:1.374: 2%|▏ | 1/52 [00:11<09:33, 11.24s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.399: 6%|▌ | 3/52 [00:11<02:25, 2.96s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.386: 10%|▉ | 5/52 [00:11<01:09, 1.47s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.373: 13%|█▎ | 7/52 [00:11<00:39, 1.14it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.353: 17%|█▋ | 9/52 [00:11<00:24, 1.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.364: 21%|██ | 11/52 [00:11<00:16, 2.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.447: 25%|██▌ | 13/52 [00:12<00:11, 3.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.326: 29%|██▉ | 15/52 [00:12<00:07, 4.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.402: 33%|███▎ | 17/52 [00:12<00:05, 6.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.459: 37%|███▋ | 19/52 [00:12<00:04, 7.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.407: 40%|████ | 21/52 [00:12<00:03, 8.88it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.430: 44%|████▍ | 23/52 [00:12<00:02, 10.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.390: 48%|████▊ | 25/52 [00:12<00:02, 11.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.384: 52%|█████▏ | 27/52 [00:12<00:02, 12.43it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.415: 56%|█████▌ | 29/52 [00:13<00:01, 13.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.400: 60%|█████▉ | 31/52 [00:13<00:01, 14.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.393: 63%|██████▎ | 33/52 [00:13<00:01, 14.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.404: 67%|██████▋ | 35/52 [00:13<00:01, 14.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.428: 71%|███████ | 37/52 [00:13<00:01, 14.89it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.401: 75%|███████▌ | 39/52 [00:13<00:00, 15.12it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.439: 79%|███████▉ | 41/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.312: 83%|████████▎ | 43/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.416: 87%|████████▋ | 45/52 [00:14<00:00, 15.47it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.332: 90%|█████████ | 47/52 [00:14<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.355: 94%|█████████▍| 49/52 [00:14<00:00, 15.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[94/100] loss:1.344: 98%|█████████▊| 51/52 [00:14<00:00, 15.13it/s]torch.Size([12, 6])

train epoch[94/100] loss:1.387: 100%|██████████| 52/52 [00:14<00:00, 3.51it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[94/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[94/100]: 50%|█████ | 3/6 [00:10<00:08, 2.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[94/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[94/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 94] train\_loss: 1.376 val\_accuracy: 0.337

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[95/100] loss:1.327: 2%|▏ | 1/52 [00:10<09:11, 10.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.440: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.339: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.357: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.268: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.425: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.343: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.467: 29%|██▉ | 15/52 [00:11<00:07, 4.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.370: 33%|███▎ | 17/52 [00:11<00:05, 6.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.353: 37%|███▋ | 19/52 [00:11<00:04, 7.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.409: 40%|████ | 21/52 [00:12<00:03, 9.09it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.352: 44%|████▍ | 23/52 [00:12<00:02, 10.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.388: 48%|████▊ | 25/52 [00:12<00:02, 11.72it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.319: 52%|█████▏ | 27/52 [00:12<00:01, 12.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.359: 56%|█████▌ | 29/52 [00:12<00:01, 13.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.438: 60%|█████▉ | 31/52 [00:12<00:01, 14.16it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.342: 63%|██████▎ | 33/52 [00:12<00:01, 14.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.366: 67%|██████▋ | 35/52 [00:12<00:01, 14.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.401: 71%|███████ | 37/52 [00:13<00:00, 15.08it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.473: 75%|███████▌ | 39/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.401: 79%|███████▉ | 41/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.407: 83%|████████▎ | 43/52 [00:13<00:00, 15.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.442: 87%|████████▋ | 45/52 [00:13<00:00, 15.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.388: 90%|█████████ | 47/52 [00:13<00:00, 15.71it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.380: 94%|█████████▍| 49/52 [00:13<00:00, 15.62it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[95/100] loss:1.404: 98%|█████████▊| 51/52 [00:13<00:00, 15.70it/s]torch.Size([12, 6])

train epoch[95/100] loss:1.443: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[95/100]: 17%|█▋ | 1/6 [00:10<00:54, 10.87s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[95/100]: 50%|█████ | 3/6 [00:10<00:08, 2.86s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[95/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.42s/it]torch.Size([12, 6])

valid epoch[95/100]: 100%|██████████| 6/6 [00:11<00:00, 1.91s/it]

[epoch 95] train\_loss: 1.379 val\_accuracy: 0.293

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[96/100] loss:1.341: 2%|▏ | 1/52 [00:11<09:29, 11.17s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.357: 6%|▌ | 3/52 [00:11<02:24, 2.94s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.409: 10%|▉ | 5/52 [00:11<01:08, 1.46s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.330: 13%|█▎ | 7/52 [00:11<00:39, 1.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.441: 17%|█▋ | 9/52 [00:11<00:24, 1.77it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.406: 21%|██ | 11/52 [00:11<00:15, 2.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.404: 25%|██▌ | 13/52 [00:11<00:10, 3.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.374: 29%|██▉ | 15/52 [00:12<00:07, 4.74it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.397: 33%|███▎ | 17/52 [00:12<00:05, 6.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.411: 37%|███▋ | 19/52 [00:12<00:04, 7.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.352: 40%|████ | 21/52 [00:12<00:03, 8.87it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.436: 44%|████▍ | 23/52 [00:12<00:02, 10.28it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.364: 48%|████▊ | 25/52 [00:12<00:02, 11.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.303: 52%|█████▏ | 27/52 [00:12<00:01, 12.57it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.363: 56%|█████▌ | 29/52 [00:12<00:01, 13.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.442: 60%|█████▉ | 31/52 [00:13<00:01, 13.95it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.304: 63%|██████▎ | 33/52 [00:13<00:01, 14.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.422: 67%|██████▋ | 35/52 [00:13<00:01, 14.79it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.359: 71%|███████ | 37/52 [00:13<00:01, 14.90it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.392: 75%|███████▌ | 39/52 [00:13<00:00, 15.24it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.378: 79%|███████▉ | 41/52 [00:13<00:00, 15.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.364: 83%|████████▎ | 43/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.330: 87%|████████▋ | 45/52 [00:13<00:00, 15.50it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.450: 90%|█████████ | 47/52 [00:14<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.372: 94%|█████████▍| 49/52 [00:14<00:00, 15.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[96/100] loss:1.429: 98%|█████████▊| 51/52 [00:14<00:00, 15.60it/s]torch.Size([12, 6])

train epoch[96/100] loss:1.440: 100%|██████████| 52/52 [00:14<00:00, 3.54it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[96/100]: 17%|█▋ | 1/6 [00:11<00:55, 11.07s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[96/100]: 50%|█████ | 3/6 [00:11<00:08, 2.93s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[96/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.45s/it]torch.Size([12, 6])

valid epoch[96/100]: 100%|██████████| 6/6 [00:11<00:00, 1.95s/it]

[epoch 96] train\_loss: 1.387 val\_accuracy: 0.272

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[97/100] loss:1.429: 2%|▏ | 1/52 [00:12<10:34, 12.44s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.374: 6%|▌ | 3/52 [00:12<02:40, 3.28s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.467: 10%|▉ | 5/52 [00:12<01:16, 1.63s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.390: 13%|█▎ | 7/52 [00:12<00:43, 1.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.385: 17%|█▋ | 9/52 [00:12<00:26, 1.60it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.386: 21%|██ | 11/52 [00:13<00:17, 2.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.334: 25%|██▌ | 13/52 [00:13<00:12, 3.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.384: 29%|██▉ | 15/52 [00:13<00:08, 4.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.387: 33%|███▎ | 17/52 [00:13<00:06, 5.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.314: 37%|███▋ | 19/52 [00:13<00:04, 7.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.445: 40%|████ | 21/52 [00:13<00:03, 8.51it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.460: 44%|████▍ | 23/52 [00:13<00:02, 9.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.338: 48%|████▊ | 25/52 [00:13<00:02, 11.00it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.477: 52%|█████▏ | 27/52 [00:14<00:02, 12.03it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.346: 56%|█████▌ | 29/52 [00:14<00:01, 13.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.404: 60%|█████▉ | 31/52 [00:14<00:01, 13.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.432: 63%|██████▎ | 33/52 [00:14<00:01, 14.23it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.403: 67%|██████▋ | 35/52 [00:14<00:01, 14.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.320: 71%|███████ | 37/52 [00:14<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.361: 75%|███████▌ | 39/52 [00:14<00:00, 15.10it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.339: 79%|███████▉ | 41/52 [00:15<00:00, 15.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.378: 83%|████████▎ | 43/52 [00:15<00:00, 15.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.409: 87%|████████▋ | 45/52 [00:15<00:00, 15.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.368: 90%|█████████ | 47/52 [00:15<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.406: 94%|█████████▍| 49/52 [00:15<00:00, 15.42it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[97/100] loss:1.375: 98%|█████████▊| 51/52 [00:15<00:00, 15.62it/s]torch.Size([12, 6])

train epoch[97/100] loss:1.411: 100%|██████████| 52/52 [00:16<00:00, 3.25it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[97/100]: 17%|█▋ | 1/6 [00:10<00:54, 11.00s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[97/100]: 50%|█████ | 3/6 [00:11<00:08, 2.90s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[97/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.44s/it]torch.Size([12, 6])

valid epoch[97/100]: 100%|██████████| 6/6 [00:11<00:00, 1.93s/it]

[epoch 97] train\_loss: 1.384 val\_accuracy: 0.304

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[98/100] loss:1.420: 2%|▏ | 1/52 [00:10<09:08, 10.75s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.405: 6%|▌ | 3/52 [00:10<02:18, 2.83s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.459: 10%|▉ | 5/52 [00:11<01:06, 1.41s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.359: 13%|█▎ | 7/52 [00:11<00:37, 1.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.445: 17%|█▋ | 9/52 [00:11<00:23, 1.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.357: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.417: 25%|██▌ | 13/52 [00:11<00:10, 3.65it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.347: 29%|██▉ | 15/52 [00:11<00:07, 4.85it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.405: 33%|███▎ | 17/52 [00:11<00:05, 6.19it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.403: 37%|███▋ | 19/52 [00:11<00:04, 7.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.374: 40%|████ | 21/52 [00:12<00:03, 9.05it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.446: 44%|████▍ | 23/52 [00:12<00:02, 10.38it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.391: 48%|████▊ | 25/52 [00:12<00:02, 11.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.371: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.404: 56%|█████▌ | 29/52 [00:12<00:01, 13.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.457: 60%|█████▉ | 31/52 [00:12<00:01, 13.94it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.361: 63%|██████▎ | 33/52 [00:12<00:01, 14.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.368: 67%|██████▋ | 35/52 [00:12<00:01, 14.76it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.377: 71%|███████ | 37/52 [00:13<00:00, 15.07it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.368: 75%|███████▌ | 39/52 [00:13<00:00, 15.32it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.402: 79%|███████▉ | 41/52 [00:13<00:00, 15.46it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.361: 83%|████████▎ | 43/52 [00:13<00:00, 15.30it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.436: 87%|████████▋ | 45/52 [00:13<00:00, 15.39it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.376: 90%|█████████ | 47/52 [00:13<00:00, 15.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.344: 94%|█████████▍| 49/52 [00:13<00:00, 15.55it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[98/100] loss:1.370: 98%|█████████▊| 51/52 [00:13<00:00, 15.72it/s]torch.Size([12, 6])

train epoch[98/100] loss:1.307: 100%|██████████| 52/52 [00:14<00:00, 3.63it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[98/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.69s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[98/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[98/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.40s/it]torch.Size([12, 6])

valid epoch[98/100]: 100%|██████████| 6/6 [00:11<00:00, 1.88s/it]

[epoch 98] train\_loss: 1.388 val\_accuracy: 0.250

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[99/100] loss:1.317: 2%|▏ | 1/52 [00:10<09:01, 10.62s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.303: 6%|▌ | 3/52 [00:10<02:17, 2.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.396: 10%|▉ | 5/52 [00:10<01:05, 1.40s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.401: 13%|█▎ | 7/52 [00:11<00:37, 1.20it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.371: 17%|█▋ | 9/52 [00:11<00:23, 1.83it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.327: 21%|██ | 11/52 [00:11<00:15, 2.66it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.308: 25%|██▌ | 13/52 [00:11<00:10, 3.67it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.296: 29%|██▉ | 15/52 [00:11<00:07, 4.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.391: 33%|███▎ | 17/52 [00:11<00:05, 6.17it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.407: 37%|███▋ | 19/52 [00:11<00:04, 7.54it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.372: 40%|████ | 21/52 [00:11<00:03, 8.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.433: 44%|████▍ | 23/52 [00:12<00:02, 10.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.387: 48%|████▊ | 25/52 [00:12<00:02, 11.52it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.390: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.400: 56%|█████▌ | 29/52 [00:12<00:01, 13.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.324: 60%|█████▉ | 31/52 [00:12<00:01, 13.75it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.374: 63%|██████▎ | 33/52 [00:12<00:01, 14.36it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.349: 67%|██████▋ | 35/52 [00:12<00:01, 14.69it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.376: 71%|███████ | 37/52 [00:12<00:01, 14.98it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.369: 75%|███████▌ | 39/52 [00:13<00:00, 15.25it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.352: 79%|███████▉ | 41/52 [00:13<00:00, 15.40it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.451: 83%|████████▎ | 43/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.326: 87%|████████▋ | 45/52 [00:13<00:00, 15.59it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.358: 90%|█████████ | 47/52 [00:13<00:00, 15.49it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.444: 94%|█████████▍| 49/52 [00:13<00:00, 15.41it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[99/100] loss:1.413: 98%|█████████▊| 51/52 [00:13<00:00, 15.03it/s]torch.Size([12, 6])

train epoch[99/100] loss:1.382: 100%|██████████| 52/52 [00:15<00:00, 3.46it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[99/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.71s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[99/100]: 50%|█████ | 3/6 [00:10<00:08, 2.82s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[99/100]: 83%|████████▎ | 5/6 [00:10<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[99/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 99] train\_loss: 1.375 val\_accuracy: 0.283

0%| | 0/52 [00:00<?, ?it/s]torch.Size([16, 6])

train epoch[100/100] loss:1.353: 2%|▏ | 1/52 [00:10<09:11, 10.81s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.399: 6%|▌ | 3/52 [00:10<02:19, 2.85s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.391: 10%|▉ | 5/52 [00:11<01:06, 1.42s/it]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.422: 13%|█▎ | 7/52 [00:11<00:38, 1.18it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.365: 17%|█▋ | 9/52 [00:11<00:23, 1.81it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.453: 21%|██ | 11/52 [00:11<00:15, 2.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.391: 25%|██▌ | 13/52 [00:11<00:10, 3.64it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.321: 29%|██▉ | 15/52 [00:11<00:07, 4.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.348: 33%|███▎ | 17/52 [00:11<00:05, 6.15it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.445: 37%|███▋ | 19/52 [00:11<00:04, 7.56it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.377: 40%|████ | 21/52 [00:12<00:03, 8.96it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.416: 44%|████▍ | 23/52 [00:12<00:02, 10.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.413: 48%|████▊ | 25/52 [00:12<00:02, 11.48it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.373: 52%|█████▏ | 27/52 [00:12<00:01, 12.53it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.321: 56%|█████▌ | 29/52 [00:12<00:01, 13.31it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.317: 60%|█████▉ | 31/52 [00:12<00:01, 13.84it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.360: 63%|██████▎ | 33/52 [00:12<00:01, 14.34it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.489: 67%|██████▋ | 35/52 [00:13<00:01, 14.73it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.392: 71%|███████ | 37/52 [00:13<00:01, 14.93it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.304: 75%|███████▌ | 39/52 [00:13<00:00, 15.04it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.354: 79%|███████▉ | 41/52 [00:13<00:00, 15.22it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.310: 83%|████████▎ | 43/52 [00:13<00:00, 15.33it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.341: 87%|████████▋ | 45/52 [00:13<00:00, 15.63it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.372: 90%|█████████ | 47/52 [00:13<00:00, 15.82it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.367: 94%|█████████▍| 49/52 [00:13<00:00, 15.92it/s]torch.Size([16, 6])

torch.Size([16, 6])

train epoch[100/100] loss:1.399: 98%|█████████▊| 51/52 [00:14<00:00, 15.98it/s]torch.Size([12, 6])

train epoch[100/100] loss:1.338: 100%|██████████| 52/52 [00:14<00:00, 3.62it/s]

0%| | 0/6 [00:00<?, ?it/s]torch.Size([16, 6])

valid epoch[100/100]: 17%|█▋ | 1/6 [00:10<00:53, 10.77s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[100/100]: 50%|█████ | 3/6 [00:10<00:08, 2.84s/it]torch.Size([16, 6])

torch.Size([16, 6])

valid epoch[100/100]: 83%|████████▎ | 5/6 [00:11<00:01, 1.41s/it]torch.Size([12, 6])

valid epoch[100/100]: 100%|██████████| 6/6 [00:11<00:00, 1.89s/it]

[epoch 100] train\_loss: 1.378 val\_accuracy: 0.261

Finished Training

Process finished with exit code 0

D:\Anaconda\envs\MindSpore\python.exe F:\MVison\deeplearning\_hand\Test5\_resnet\train.py

using cuda:0 device.

Using 8 dataloader workers every process

using 828 images for training, 92 images for validation.

字行趋向: [0.06666667]

字迹倾斜角度: [0.]

字体大小: [0.06666667]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.08888889]

笔画的粗细: [3.31851852]

字行趋向: [0.06814815]

字迹倾斜角度: [0.]

字体大小: [0.06814815]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.0908642]

笔画的粗细: [2.99967078]

字行趋向: [0.02373663]

字迹倾斜角度: [0.]

字体大小: [0.02373663]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.0020192]

笔画的粗细: [3.37777046]

字行趋向: [0.0227497]

字迹倾斜角度: [0.]

字体大小: [0.0227497]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [4.48712087e-05]

笔画的粗细: [2.91950601]

字行趋向: [0.06717222]

字迹倾斜角度: [0.]

字体大小: [0.06717222]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.08888989]

笔画的粗细: [2.67228532]

字行趋向: [0.04593716]

字迹倾斜角度: [0.]

字体大小: [0.04593716]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.04641978]

笔画的粗细: [3.18160634]

字行趋向: [0.04546527]

字迹倾斜角度: [0.]

字体大小: [0.04546527]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.045476]

笔画的粗细: [2.95959125]

字行趋向: [0.02323256]

字迹倾斜角度: [0.]

字体大小: [0.02323256]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.00101058]

笔画的粗细: [3.37687981]

字行趋向: [0.0227385]

字迹倾斜角度: [0.]

字体大小: [0.0227385]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [2.24572815e-05]

笔画的粗细: [3.31948622]

字行趋向: [0.02272752]

字迹倾斜角度: [0.]

字体大小: [0.02272752]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [4.990507e-07]

笔画的粗细: [3.3182108]

字行趋向: [0.02272728]

字迹倾斜角度: [0.]

字体大小: [0.02272728]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.04444446]

笔画的粗细: [3.16262691]

字行趋向: [0.33383838]

字迹倾斜角度: [-0.05950989]

字体大小: [0.33383838]

字体样式: [0.]

整齐或杂乱: [1.2]

连续或间断: [1.00349205]

笔画的粗细: [4.20602134]

字行趋向: [1.91852974]

字迹倾斜角度: [-0.01333176]

字体大小: [1.91852974]

字体样式: [0.]

整齐或杂乱: [11.06]

连续或间断: [6.68858327]

笔画的粗细: [5.00875138]

字行趋向: [0.46485622]

字迹倾斜角度: [-0.02805283]

字体大小: [0.46485622]

字体样式: [0.]

整齐或杂乱: [1.75688889]

连续或间断: [1.29209838]

笔画的粗细: [3.92516074]

字行趋向: [0.03255236]

字迹倾斜角度: [-0.0006234]

字体大小: [0.03255236]

字体样式: [0.]

整齐或杂乱: [0.03904198]

连续或间断: [0.0287133]

笔画的粗细: [3.28722579]

字行趋向: [2.06739005]

字迹倾斜角度: [-0.02968611]

字体大小: [2.06739005]

字体样式: [0.]

整齐或杂乱: [36.41197871]

连续或间断: [11.19186295]

笔画的粗细: [4.09905663]

字行趋向: [0.09038645]

字迹倾斜角度: [-0.05301957]

字体大小: [0.09038645]

字体样式: [0.]

整齐或杂乱: [0.82026619]

连续或间断: [0.32457948]

笔画的粗细: [2.66886793]

字行趋向: [0.04645303]

字迹倾斜角度: [-0.04638808]

字体大小: [0.04645303]

字体样式: [0.]

整齐或杂乱: [0.04045036]

连续或间断: [0.11451126]

笔画的粗细: [2.43708595]

字行趋向: [0.04547673]

字迹倾斜角度: [-0.00103085]

字体大小: [0.04547673]

字体样式: [0.]

整齐或杂乱: [0.0008989]

连续或间断: [0.04698914]

笔画的粗细: [3.05415747]

字行趋向: [0.06767726]

字迹倾斜角度: [-0.0595328]

字体大小: [0.06767726]

字体样式: [0.]

整齐或杂乱: [0.0222422]

连续或间断: [0.10834258]

笔画的粗细: [2.34935165]

字行趋向: [0.04594838]

字迹倾斜角度: [-0.00132295]

字体大小: [0.04594838]

字体样式: [0.]

整齐或杂乱: [0.00049427]

连续或间断: [0.04685206]

笔画的粗细: [3.02998559]

字行趋向: [0.0232433]

字迹倾斜角度: [-2.93989124e-05]

字体大小: [0.0232433]

字体样式: [0.]

整齐或杂乱: [1.09838013e-05]

连续或间断: [0.0454856]

笔画的粗细: [3.04511079]

字行趋向: [0.02273874]

字迹倾斜角度: [-6.53309164e-07]

字体大小: [0.02273874]

字体样式: [0.]

整齐或杂乱: [2.44084474e-07]

连续或间断: [0.04545524]

笔画的粗细: [2.55655802]

字行趋向: [0.04494975]

字迹倾斜角度: [-1.45179814e-08]

字体大小: [0.04494975]

字体样式: [0.]

整齐或杂乱: [5.42409943e-09]

连续或间断: [0.04545456]

笔画的粗细: [1.00125684]

字行趋向: [0.04544333]

字迹倾斜角度: [-3.22621809e-10]

字体大小: [0.04544333]

字体样式: [0.]

整齐或杂乱: [1.20535543e-10]

连续或间断: [0.04545455]

笔画的粗细: [1.98891682]

字行趋向: [0.0454543]

字迹倾斜角度: [-0.04520987]

字体大小: [0.0454543]

字体样式: [0.]

整齐或杂乱: [0.04444444]

连续或间断: [0.13434343]

笔画的粗细: [1.38493889]

字行趋向: [0.06767676]

字迹倾斜角度: [-0.05336454]

字体大小: [0.06767676]

字体样式: [0.]

整齐或杂乱: [0.0454321]

连续或间断: [0.12869328]

笔画的粗细: [3.16657889]

字行趋向: [0.06817059]

字迹倾斜角度: [-0.06069577]

字体大小: [0.06817059]

字体样式: [0.]

整齐或杂乱: [0.02323182]

连续或间断: [0.11015823]

笔画的粗细: [2.54073879]

字行趋向: [0.11262601]

字迹倾斜角度: [-0.04340539]

字体大小: [0.11262601]

字体样式: [0.]

整齐或杂乱: [0.1338496]

连续或间断: [0.24307967]

笔画的粗细: [1.8372016]

字行趋向: [0.06916947]

字迹倾斜角度: [-0.00096456]

字体大小: [0.06916947]

字体样式: [0.]

整齐或杂乱: [0.00297444]

连续或间断: [0.09429066]

笔画的粗细: [3.25564152]

字行趋向: [0.02375932]

字迹倾斜角度: [-2.14347616e-05]

字体大小: [0.02375932]

字体样式: [0.]

整齐或杂乱: [6.6098566e-05]

连续或间断: [0.00209535]

笔画的粗细: [3.33901426]

字行趋向: [0.08941687]

字迹倾斜角度: [-4.76328035e-07]

字体大小: [0.08941687]

字体样式: [0.]

整齐或杂乱: [1.46885702e-06]

连续或间断: [0.1333799]

笔画的粗细: [2.88531143]

字行趋向: [0.06865371]

字迹倾斜角度: [-1.05850675e-08]

字体大小: [0.06865371]

字体样式: [0.]

整齐或杂乱: [3.26412671e-08]

连续或间断: [0.09185289]

笔画的粗细: [3.27152544]

字行趋向: [0.11263675]

字迹倾斜角度: [-2.35223721e-10]

字体大小: [0.11263675]

字体样式: [0.]

整齐或杂乱: [7.25361492e-10]

连续或间断: [0.17981895]

笔画的粗细: [3.25936723]

字行趋向: [0.02472526]

字迹倾斜角度: [-5.2271938e-12]

字体大小: [0.02472526]

字体样式: [0.]

整齐或杂乱: [1.61191443e-11]

连续或间断: [0.00399598]

笔画的粗细: [3.22798594]

字行趋向: [2.00054945]

字迹倾斜角度: [-0.0335195]

字体大小: [2.00054945]

字体样式: [0.]

整齐或杂乱: [26.54444444]

连续或间断: [12.77159584]

笔画的粗细: [4.35604236]

字行趋向: [0.06667888]

字迹倾斜角度: [-0.00074488]

字体大小: [0.06667888]

字体样式: [0.]

整齐或杂乱: [0.58987654]

连续或间断: [0.32825769]

笔画的粗细: [1.86346761]

字行趋向: [0.06814842]

字迹倾斜角度: [-0.05952644]

字体大小: [0.06814842]

字体样式: [0.]

整齐或杂乱: [0.03533059]

连续或间断: [0.11459299]

笔画的粗细: [2.42289187]

字行趋向: [0.02373663]

字迹倾斜角度: [-0.00132281]

字体大小: [0.02373663]

字体样式: [0.]

整齐或杂乱: [0.00078512]

连续或间断: [0.00254651]

笔画的粗细: [3.4093976]

字行趋向: [0.0227497]

字迹倾斜角度: [-2.93957742e-05]

字体大小: [0.0227497]

字体样式: [0.]

整齐或杂乱: [1.74472049e-05]

连续或间断: [0.04450103]

笔画的粗细: [2.70909772]

字行趋向: [0.02272777]

字迹倾斜角度: [-6.53239426e-07]

字体大小: [0.02272777]

字体样式: [0.]

整齐或杂乱: [3.87715664e-07]

连续或间断: [0.00098891]

笔画的粗细: [3.37131328]

字行趋向: [0.02272728]

字迹倾斜角度: [-1.45164317e-08]

字体大小: [0.02272728]

字体样式: [0.]

整齐或杂乱: [8.61590364e-09]

连续或间断: [2.19758191e-05]

笔画的粗细: [3.25269585]

字行趋向: [66.82272727]

字迹倾斜角度: [-0.02986661]

字体大小: [66.82272727]

字体样式: [0.]

整齐或杂乱: [124863.28888889]

连续或间断: [287.15497519]

笔画的粗细: [5.02590758]

字行趋向: [1.50717172]

字迹倾斜角度: [-0.0006637]

字体大小: [1.50717172]

字体样式: [0.]

整齐或杂乱: [2774.73975309]

连续或间断: [6.38122167]

笔画的粗细: [3.46724239]

字行趋向: [0.05571493]

字迹倾斜角度: [-1.47489437e-05]

字体大小: [0.05571493]

字体样式: [0.]

整齐或杂乱: [61.6608834]

连续或间断: [0.18624937]

笔画的粗细: [2.57704983]

F:\MVison\deeplearning\_hand\Test5\_resnet\model.py:142: UserWarning: Creating a tensor from a list of numpy.ndarrays is extremely slow. Please consider converting the list to a single numpy.ndarray with numpy.array() before converting to a tensor. (Triggered internally at C:\actions-runner\\_work\pytorch\pytorch\builder\windows\pytorch\torch\csrc\utils\tensor\_new.cpp:233.)

td=torch.tensor([[r,t,f,n,c,s]]\*bt)

字行趋向: [0.02631579]

字迹倾斜角度: [0.]

字体大小: [0.02631579]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.]

笔画的粗细: [3.94736842]

字行趋向: [0.02700831]

字迹倾斜角度: [0.]

字体大小: [0.02700831]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.05263158]

笔画的粗细: [3.76177285]

字行趋向: [0.02702653]

字迹倾斜角度: [0.]

字体大小: [0.02702653]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.00138504]

笔画的粗细: [4.09899402]

字行趋向: [0.0533428]

字迹倾斜角度: [-0.06200512]

字体大小: [0.0533428]

字体样式: [0.]

整齐或杂乱: [0.02631579]

连续或间断: [0.10529961]

笔画的粗细: [2.71313142]

字行趋向: [0.02771955]

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字体大小: [0.02771955]

字体样式: [0.]

整齐或杂乱: [0.00069252]

连续或间断: [0.42382367]

笔画的粗细: [3.7702286]

字行趋向: [0.02704525]

字迹倾斜角度: [-4.29398325e-05]

字体大小: [0.02704525]

字体样式: [0.]

整齐或杂乱: [1.82242309e-05]

连续或间断: [0.01115325]

笔画的粗细: [3.96763759]

字行趋向: [0.0533433]

字迹倾斜角度: [-0.0726613]

字体大小: [0.0533433]

字体样式: [0.]

整齐或杂乱: [0.01315837]

连续或间断: [0.24803597]

笔画的粗细: [3.74914836]

字行趋向: [0.08035114]

字迹倾斜角度: [-0.05872264]

字体大小: [0.08035114]

字体样式: [0.]

整齐或杂乱: [0.03981996]

连续或间断: [0.14900657]

笔画的粗细: [3.06796004]

字行趋向: [0.08106187]

字迹倾斜角度: [-0.07201757]

字体大小: [0.08106187]

字体样式: [0.]

整齐或杂乱: [0.05367947]

连续或间断: [0.16181596]

笔画的粗细: [1.03249018]

字行趋向: [0.60739637]

字迹倾斜角度: [-0.07236744]

字体大小: [0.60739637]

字体样式: [0.]

整齐或杂乱: [1.38299157]

连续或间断: [1.69859453]

笔画的粗细: [3.03956591]

字行趋向: [0.14756306]

字迹倾斜角度: [0.03943234]

字体大小: [0.14756306]

字体样式: [0.]

整齐或杂乱: [0.22060504]

连续或间断: [0.4875532]

笔画的粗细: [3.83612893]

字行趋向: [1.21440955]

字迹倾斜角度: [-0.00540911]

字体大小: [1.21440955]

字体样式: [0.]

整齐或杂乱: [9.04527908]

连续或间断: [5.14692122]

笔画的粗细: [5.29850427]

字行趋向: [0.11090551]

字迹倾斜角度: [-0.00014235]

字体大小: [0.11090551]

字体样式: [0.]

整齐或杂乱: [0.23803366]

连续或间断: [0.24070845]

笔画的粗细: [3.78855713]

字行趋向: [2.4239712]

字迹倾斜角度: [-3.74592368e-06]

字体大小: [2.4239712]

字体样式: [0.]

整齐或杂乱: [25.94047457]

连续或间断: [13.44408593]

笔画的粗细: [5.20673328]

字行趋向: [0.11642029]

字迹倾斜角度: [-9.85769388e-08]

字体大小: [0.11642029]

字体样式: [0.]

整齐或杂乱: [0.68264407]

连续或间断: [0.40642331]

笔画的粗细: [2.28175614]

字行趋向: [0.08201106]

字迹倾斜角度: [-2.59412997e-09]

字体大小: [0.08201106]

字体样式: [0.]

整齐或杂乱: [0.01796432]

连续或间断: [0.11595851]

笔画的粗细: [1.16530937]

字行趋向: [0.26531608]

字迹倾斜角度: [-6.82665781e-11]

字体大小: [0.26531608]

字体样式: [0.]

整齐或杂乱: [0.00047275]

连续或间断: [0.47673575]

笔画的粗细: [2.94645551]

字行趋向: [0.03329779]

字迹倾斜角度: [-1.7964889e-12]

字体大小: [0.03329779]

字体样式: [0.]

整齐或杂乱: [1.24406631e-05]

连续或间断: [0.01254568]

笔画的粗细: [2.94595936]

字行趋向: [0.05350784]

字迹倾斜角度: [-0.06200512]

字体大小: [0.05350784]

字体样式: [0.]

整齐或杂乱: [0.02631612]

连续或间断: [0.10559331]

笔画的粗细: [2.24857788]

字行趋向: [0.05403968]

字迹倾斜角度: [-0.00163171]

字体大小: [0.05403968]

字体样式: [0.]

整齐或杂乱: [0.00069253]

连续或间断: [0.05541035]

笔画的粗细: [3.01969942]

字行趋向: [0.08036947]

字迹倾斜角度: [-0.07051518]

字体大小: [0.08036947]

字体样式: [0.]

整齐或杂乱: [0.03949191]

连续或间断: [0.14393747]

笔画的粗细: [2.2636763]

字行趋向: [0.05474656]

字迹倾斜角度: [-0.00185566]

字体大小: [0.05474656]

字体样式: [0.]

整齐或杂乱: [0.00103926]

连续或间断: [0.05641941]

笔画的粗细: [3.52009674]

字行趋向: [0.02775649]

字迹倾斜角度: [-4.88332257e-05]

字体大小: [0.02775649]

字体样式: [0.]

整齐或杂乱: [2.73489672e-05]

连续或间断: [0.00148472]

笔画的粗细: [3.85579202]

字行趋向: [0.02704622]

字迹倾斜角度: [-1.28508489e-06]

字体大小: [0.02704622]

字体样式: [0.]

整齐或杂乱: [7.19709664e-07]

连续或间断: [3.90716116e-05]

笔画的粗细: [3.25936295]

字行趋向: [0.05334332]

字迹倾斜角度: [-3.38180233e-08]

字体大小: [0.05334332]

字体样式: [0.]

整齐或杂乱: [1.8939728e-08]

连续或间断: [0.05263261]

笔画的粗细: [3.16472008]

字行趋向: [0.02771956]

字迹倾斜角度: [-8.89947982e-10]

字体大小: [0.02771956]

字体样式: [0.]

整齐或杂乱: [4.98413895e-10]

连续或间断: [0.05401665]

笔画的粗细: [3.14907158]

字行趋向: [0.05336104]

字迹倾斜角度: [-2.34196837e-11]

字体大小: [0.05336104]

字体样式: [0.]

整齐或杂乱: [1.31161551e-11]

连续或间断: [0.05405307]

笔画的粗细: [2.91181767]

字行趋向: [0.08035161]

字迹倾斜角度: [-0.07047224]

字体大小: [0.08035161]

字体样式: [0.]

整齐或杂乱: [0.05263158]

连续或间断: [0.15931719]

笔画的粗细: [1.34855661]

字行趋向: [0.08106188]

字迹倾斜角度: [-0.05866503]

字体大小: [0.08106188]

字体样式: [0.]

整齐或杂乱: [0.18559557]

连续或间断: [0.34178274]

笔画的粗细: [2.62028365]

字行趋向: [0.05476479]

字迹倾斜角度: [-0.07201605]

字体大小: [0.05476479]

字体样式: [0.]

整齐或杂乱: [0.05751567]

连续或间断: [0.29395289]

笔画的粗细: [3.38913027]

字行趋向: [0.02775697]

字迹倾斜角度: [-0.00189516]

字体大小: [0.02775697]

字体样式: [0.]

整齐或杂乱: [0.00151357]

连续或间断: [0.06036718]

笔画的粗细: [3.62866132]

字行趋向: [0.02704624]

字迹倾斜角度: [-4.9872614e-05]

字体大小: [0.02704624]

字体样式: [0.]

整齐或杂乱: [3.98307984e-05]

连续或间断: [0.00158861]

笔画的粗细: [3.85864898]

字行趋向: [0.05334332]

字迹倾斜角度: [-1.31243721e-06]

字体大小: [0.05334332]

字体样式: [0.]

整齐或杂乱: [1.0481789e-06]

连续或间断: [0.05267338]

笔画的粗细: [3.98312234]

字行趋向: [0.08035114]

字迹倾斜角度: [-0.05681053]

字体大小: [0.08035114]

字体样式: [0.]

整齐或杂乱: [0.03947371]

连续或间断: [0.14386545]

笔画的粗细: [2.96008217]

字行趋向: [0.05474608]

字迹倾斜角度: [-0.06350013]

字体大小: [0.05474608]

字体样式: [0.]

整齐或杂乱: [0.02735457]

连续或间断: [0.10904909]

笔画的粗细: [3.12394953]

字行趋向: [0.02775648]

字迹倾斜角度: [-0.00167106]

字体大小: [0.02775648]

字体样式: [0.]

整齐或杂乱: [0.00071986]

连续或间断: [0.00286971]

笔画的粗细: [2.26641972]

字行趋向: [79.05336201]

字迹倾斜角度: [-0.02917947]

字体大小: [79.05336201]

字体样式: [0.]

整齐或杂乱: [149668.15791368]

连续或间断: [278.22978955]

笔画的粗细: [5.95989769]

字行趋向: [2.13298321]

字迹倾斜角度: [-0.00076788]

字体大小: [2.13298321]

字体样式: [0.]

整齐或杂乱: [3938.63573457]

连续或间断: [7.37446815]

笔画的粗细: [3.89368152]

字行趋向: [0.01515152]

字迹倾斜角度: [0.]

字体大小: [0.01515152]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.]

笔画的粗细: [2.27272727]

字行趋向: [0.0305326]

字迹倾斜角度: [-0.03569992]

字体大小: [0.0305326]

字体样式: [0.]

整齐或杂乱: [0.00757576]

连续或间断: [0.05173051]

笔画的粗细: [2.17837466]

字行趋向: [0.01561413]

字迹倾斜角度: [-0.00054091]

字体大小: [0.01561413]

字体样式: [0.]

整齐或杂乱: [0.00011478]

连续或间断: [0.0007838]

笔画的粗细: [1.80573295]

字行趋向: [0.01538809]

字迹倾斜角度: [-8.19557312e-06]

字体大小: [0.01538809]

字体样式: [0.]

整齐或杂乱: [1.73915463e-06]

连续或间断: [1.18756906e-05]

笔画的粗细: [2.20917777]

字行趋向: [0.01538467]

字迹倾斜角度: [-1.2417535e-07]

字体大小: [0.01538467]

字体样式: [0.]

整齐或杂乱: [2.63508278e-08]

连续或间断: [1.79934706e-07]

笔画的粗细: [2.27589663]

字行趋向: [0.01538462]

字迹倾斜角度: [-1.8814447e-09]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [3.99254966e-10]

连续或间断: [0.03030303]

笔画的粗细: [2.11024086]

字行趋向: [0.01538462]

字迹倾斜角度: [-2.85067379e-11]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [6.04931767e-12]

连续或间断: [0.03076217]

笔画的粗细: [2.09257941]

字行趋向: [0.03053613]

字迹倾斜角度: [-0.03082491]

字体大小: [0.03053613]

字体样式: [0.]

整齐或杂乱: [0.01515152]

连续或间断: [0.07362408]

笔画的粗细: [2.22615019]

字行趋向: [0.0307657]

字迹倾斜角度: [-0.00046704]

字体大小: [0.0307657]

字体样式: [0.]

整齐或杂乱: [0.00022957]

连续或间断: [0.03141855]

笔画的粗细: [2.01100228]

字行趋向: [0.24289039]

字迹倾斜角度: [-0.03570699]

字体大小: [0.24289039]

字体样式: [0.]

整齐或杂乱: [0.70454893]

连续或间断: [0.59981466]

笔画的粗细: [1.71481317]

字行趋向: [0.0491347]

字迹倾斜角度: [-0.00054102]

字体大小: [0.0491347]

字体样式: [0.]

整齐或杂乱: [0.01067498]

连续或间断: [0.06969416]

笔画的粗细: [2.04618404]

字行趋向: [0.34922931]

字迹倾斜角度: [-0.02679898]

字体大小: [0.34922931]

字体样式: [0.]

整齐或杂乱: [1.27288901]

连续或间断: [0.94260348]

笔画的粗细: [1.61984149]

字行趋向: [0.03559438]

字迹倾斜角度: [-0.03610596]

字体大小: [0.03559438]

字体样式: [0.]

整齐或杂乱: [0.03443771]

连续或间断: [0.07488793]

笔画的粗细: [2.07757336]

字行趋向: [1.24296355]

字迹倾斜角度: [0.04705283]

字体大小: [1.24296355]

字体样式: [0.]

整齐或杂乱: [15.25052178]

连续或间断: [6.37869267]

笔画的粗细: [3.34930152]

字行趋向: [0.0339843]

字迹倾斜角度: [0.00071292]

字体大小: [0.0339843]

字体样式: [0.]

整齐或杂乱: [0.23106851]

连续或间断: [0.09664686]

笔画的粗细: [1.9598379]

字行趋向: [0.01566643]

字迹倾斜角度: [1.08018431e-05]

字体大小: [0.01566643]

字体样式: [0.]

整齐或杂乱: [0.00350104]

连续或间断: [0.03176738]

笔画的粗细: [1.93878542]

字行趋向: [0.04569192]

字迹倾斜角度: [-0.04057476]

字体大小: [0.04569192]

字体样式: [0.]

整齐或杂乱: [0.03035608]

连续或间断: [0.09139041]

笔画的粗细: [0.88038564]

字行趋向: [1.22796503]

字迹倾斜角度: [0.02846958]

字体大小: [1.22796503]

字体样式: [0.]

整齐或杂乱: [9.811066]

连续或间断: [3.63444143]

笔画的粗细: [3.12206258]

字行趋向: [1.41254492]

字迹倾斜角度: [0.00043136]

字体大小: [1.41254492]

字体样式: [0.]

整齐或杂乱: [10.02744039]

连续或间断: [7.08432517]

笔画的粗细: [3.16326431]

字行趋向: [0.06685674]

字迹倾斜角度: [-0.03569338]

字体大小: [0.06685674]

字体样式: [0.]

整齐或杂乱: [0.1898097]

连续或间断: [0.20192372]

笔画的粗细: [1.97890468]

字行趋向: [0.0161645]

字迹倾斜角度: [-0.00054081]

字体大小: [0.0161645]

字体样式: [0.]

整齐或杂乱: [0.0028759]

连续或间断: [0.00305945]

笔画的粗细: [2.33301371]

字行趋向: [1.24266916]

字迹倾斜角度: [-0.02380814]

字体大小: [1.24266916]

字体样式: [0.]

整齐或杂乱: [20.19701327]

连续或间断: [7.47003624]

笔画的粗细: [2.72225657]

字行趋向: [0.03397984]

字迹倾斜角度: [-0.00036073]

字体大小: [0.03397984]

字体样式: [0.]

整齐或杂乱: [0.30601535]

连续或间断: [0.1434854]

笔画的粗细: [1.49579177]

字行趋向: [0.03081788]

字迹倾斜角度: [-0.03083037]

字体大小: [0.03081788]

字体样式: [0.]

整齐或杂乱: [0.03493963]

连续或间断: [0.09308311]

笔画的粗细: [1.19943119]

字行趋向: [1.43986088]

字迹倾斜角度: [-0.04104205]

字体大小: [1.43986088]

字体样式: [0.]

整齐或杂乱: [24.72780212]

连续或间断: [6.18055239]

笔画的粗细: [3.04906493]

字行趋向: [0.83999789]

字迹倾斜角度: [-0.00953098]

字体大小: [0.83999789]

字体样式: [0.]

整齐或杂乱: [5.43526973]

连续或间断: [3.29789063]

笔画的粗细: [3.08792345]

字行趋向: [0.04303027]

字迹倾斜角度: [-0.03584433]

字体大小: [0.04303027]

字体样式: [0.]

整齐或杂乱: [0.09750409]

连续或间断: [0.1105741]

笔画的粗细: [0.99754429]

字行趋向: [0.34913682]

字迹倾斜角度: [-0.03325217]

字体大小: [0.34913682]

字体样式: [0.]

整齐或杂乱: [2.63026521]

连续或间断: [1.53216313]

笔画的粗细: [2.26720039]

字行趋向: [0.27801722]

字迹倾斜角度: [0.01627116]

字体大小: [0.27801722]

字体样式: [0.]

整齐或杂乱: [1.35045856]

连续或间断: [1.03639728]

笔画的粗细: [2.57406235]

字行趋向: [0.33754572]

字迹倾斜角度: [0.04784642]

字体大小: [0.33754572]

字体样式: [0.]

整齐或杂乱: [1.20985543]

连续或间断: [0.88472327]

笔画的粗细: [2.45278757]

字行趋向: [1.4748113]

字迹倾斜角度: [0.01848667]

字体大小: [1.4748113]

字体样式: [0.]

整齐或杂乱: [11.8289372]

连续或间断: [7.89267045]

笔画的粗细: [3.38931584]

字行趋向: [0.05264866]

字迹倾斜角度: [0.0002801]

字体大小: [0.05264866]

字体样式: [0.]

整齐或杂乱: [0.17922632]

连续或间断: [0.14988895]

笔画的粗细: [2.18771691]

字行趋向: [0.10685831]

字迹倾斜角度: [-0.03569567]

字体大小: [0.10685831]

字体样式: [0.]

整齐或杂乱: [0.11635191]

连续或间断: [0.21806863]

笔画的粗细: [1.72867392]

字行趋向: [0.04707361]

字迹倾斜角度: [-0.00054084]

字体大小: [0.04707361]

字体样式: [0.]

整齐或杂乱: [0.00176291]

连续或间断: [0.06391013]

笔画的粗细: [2.01609102]

字行趋向: [0.09162233]

字迹倾斜角度: [-8.19459884e-06]

字体大小: [0.09162233]

字体样式: [0.]

整齐或杂乱: [2.6710724e-05]

连续或间断: [0.15248349]

笔画的粗细: [2.02297108]

字行趋向: [0.16805488]

字迹倾斜角度: [-0.04057505]

字体大小: [0.16805488]

字体样式: [0.]

整齐或杂乱: [0.77272768]

连续或间断: [0.51441626]

笔画的粗细: [2.27491187]

字行趋向: [0.30557659]

字迹倾斜角度: [0.04698512]

字体大小: [0.30557659]

字体样式: [0.]

整齐或杂乱: [1.01928375]

连续或间断: [0.77335345]

笔画的粗细: [2.68295321]

字行趋向: [1.48947843]

字迹倾斜角度: [0.01560271]

字体大小: [1.48947843]

字体样式: [0.]

整齐或杂乱: [8.1215043]

连续或间断: [5.59735083]

笔画的粗细: [3.50080391]

字行趋向: [0.03771937]

字迹倾斜角度: [0.0002364]

字体大小: [0.03771937]

字体样式: [0.]

整齐或杂乱: [0.1230531]

连续或间断: [0.11511138]

笔画的粗细: [1.78031521]

字行趋向: [0.03087454]

字迹倾斜角度: [-0.03569633]

字体大小: [0.03087454]

字体样式: [0.]

整齐或杂乱: [0.01701596]

连续或间断: [0.06235017]

笔画的粗细: [0.86788356]

字行趋向: [0.01561931]

字迹倾斜角度: [-0.00054085]

字体大小: [0.01561931]

字体样式: [0.]

整齐或杂乱: [0.00025782]

连续或间断: [0.03124773]

笔画的粗细: [1.99042248]

字行趋向: [0.03053969]

字迹倾斜角度: [-0.03570811]

字体大小: [0.03053969]

字体样式: [0.]

整齐或杂乱: [0.01515542]

连续或间断: [0.06107951]

笔画的粗细: [1.87485489]

字行趋向: [0.63682636]

字迹倾斜角度: [0.03814973]

字体大小: [0.63682636]

字体样式: [0.]

整齐或杂乱: [4.62144175]

连续或间断: [3.19046584]

笔画的粗细: [3.17160074]

字行趋向: [1.11570949]

字迹倾斜角度: [-0.02926014]

字体大小: [1.11570949]

字体样式: [0.]

整齐或杂乱: [7.79729457]

连续或间断: [4.72399079]

笔画的粗细: [3.20412109]

字行趋向: [0.04720772]

字迹倾斜角度: [-0.00044334]

字体大小: [0.04720772]

字体样式: [0.]

整齐或杂乱: [0.11814083]

连续或间断: [0.10187865]

笔画的粗细: [1.37430487]

字行趋向: [0.01586678]

字迹倾斜角度: [-6.71720318e-06]

字体大小: [0.01586678]

字体样式: [0.]

整齐或杂乱: [0.00179001]

连续或间断: [0.03184665]

笔画的粗细: [2.2177925]

字行趋向: [0.03054344]

字迹倾斜角度: [-0.03570002]

字体大小: [0.03054344]

字体样式: [0.]

整齐或杂乱: [0.01517864]

连续或间断: [0.06108859]

笔画的粗细: [1.28360292]

字行趋向: [0.03076581]

字迹倾斜角度: [-0.00054091]

字体大小: [0.03076581]

字体样式: [0.]

整齐或杂乱: [0.00022998]

连续或间断: [0.03122861]

笔画的粗细: [1.08763035]

字行趋向: [0.01561766]

字迹倾斜角度: [-8.19559649e-06]

字体大小: [0.01561766]

字体样式: [0.]

整齐或杂乱: [3.48453548e-06]

连续或间断: [0.03077619]

笔画的粗细: [1.80435804]

字行趋向: [0.03053966]

字迹倾斜角度: [-0.03869088]

字体大小: [0.03053966]

字体样式: [0.]

整齐或杂乱: [0.02272733]

连续或间断: [0.08249984]

笔画的粗细: [1.64097512]

字行趋向: [0.01561424]

字迹倾斜角度: [-0.00058623]

字体大小: [0.01561424]

字体样式: [0.]

整齐或杂乱: [0.00034435]

连续或间断: [0.00125]

笔画的粗细: [1.85819659]

字行趋向: [0.04569112]

字迹倾斜角度: [-0.04058381]

字体大小: [0.04569112]

字体样式: [0.]

整齐或杂乱: [0.01515673]

连续或间断: [0.07317693]

笔画的粗细: [1.84128581]

字行趋向: [0.04614684]

字迹倾斜角度: [-0.04118983]

字体大小: [0.04614684]

字体样式: [0.]

整齐或杂乱: [0.01538116]

连续或间断: [0.07426673]

笔画的粗细: [1.66678716]

字行趋向: [0.01585071]

字迹倾斜角度: [-0.00062409]

字体大小: [0.01585071]

字体样式: [0.]

整齐或杂乱: [0.00023305]

连续或间断: [0.03142828]

笔画的粗细: [1.99495132]

字行趋向: [0.03054319]

字迹倾斜角度: [-0.03870021]

字体大小: [0.03054319]

字体样式: [0.]

整齐或杂乱: [0.0227308]

连续或间断: [0.08250972]

笔画的粗细: [2.21456997]

字行趋向: [0.04591732]

字迹倾斜角度: [-0.03999808]

字体大小: [0.04591732]

字体样式: [0.]

整齐或杂乱: [0.03822319]

连续或间断: [0.17419278]

笔画的粗细: [2.01335207]

字行趋向: [0.03099875]

字迹倾斜角度: [-0.00060603]

字体大小: [0.03099875]

字体样式: [0.]

整齐或杂乱: [0.00057914]

连续或间断: [0.03294231]

笔画的粗细: [2.21232352]

字行趋向: [0.01562119]

字迹倾斜角度: [-9.18229599e-06]

字体大小: [0.01562119]

字体样式: [0.]

整齐或杂乱: [8.77483792e-06]

连续或间断: [0.00049913]

笔画的粗细: [2.16988369]

字行趋向: [0.04569123]

字迹倾斜角度: [-1.39125697e-07]

字体大小: [0.04569123]

字体样式: [0.]

整齐或杂乱: [1.3295209e-07]

连续或间断: [0.06061362]

笔画的粗细: [2.13893763]

字行趋向: [0.01584381]

字迹倾斜角度: [-2.1079651e-09]

字体大小: [0.01584381]

字体样式: [0.]

整齐或杂乱: [2.0144256e-09]

连续或间断: [0.00091839]

笔画的粗细: [2.33543845]

字行趋向: [0.03054309]

字迹倾斜角度: [-3.19388652e-11]

字体大小: [0.03054309]

字体样式: [0.]

整齐或杂乱: [3.05216e-11]

连续或间断: [0.03031695]

笔画的粗细: [2.27023392]

字行趋向: [0.01561429]

字迹倾斜角度: [-4.839222e-13]

字体大小: [0.01561429]

字体样式: [0.]

整齐或杂乱: [4.62448485e-13]

连续或间断: [0.00045935]

笔画的粗细: [2.33742779]

字行趋向: [0.0153881]

字迹倾斜角度: [-7.33215454e-15]

字体大小: [0.0153881]

字体样式: [0.]

整齐或杂乱: [7.00679523e-15]

连续或间断: [6.95981297e-06]

笔画的粗细: [2.30814285]

字行趋向: [0.01538467]

字迹倾斜角度: [-1.11093251e-16]

字体大小: [0.01538467]

字体样式: [0.]

整齐或杂乱: [1.06163564e-16]

连续或间断: [1.05451712e-07]

笔画的粗细: [2.14103247]

字行趋向: [0.01538462]

字迹倾斜角度: [-1.68323107e-18]

字体大小: [0.01538462]

字体样式: [0.]

整齐或杂乱: [1.60853885e-18]

连续或间断: [1.59775321e-09]

笔画的粗细: [2.33547019]

字行趋向: [45.54568765]

字迹倾斜角度: [-0.0143229]

字体大小: [45.54568765]

字体样式: [0.]

整齐或杂乱: [84072.12121212]

连续或间断: [237.95702863]

笔画的粗细: [3.39449518]

字行趋向: [0.025]

字迹倾斜角度: [0.]

字体大小: [0.025]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.25]

笔画的粗细: [3.65833333]

字行趋向: [0.025625]

字迹倾斜角度: [0.]

字体大小: [0.025625]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.00625]

笔画的粗细: [3.29145833]

字行趋向: [0.05064062]

字迹倾斜角度: [0.]

字体大小: [0.05064062]

字体样式: [0.]

整齐或杂乱: [0.]

连续或间断: [0.05015625]

笔画的粗细: [3.38228646]

字行趋向: [0.05126602]

字迹倾斜角度: [-0.05890486]

字体大小: [0.05126602]

字体样式: [0.]

整齐或杂乱: [0.025]

连续或间断: [0.10125391]

笔画的粗细: [1.94705716]

字行趋向: [0.07628165]

字迹倾斜角度: [-0.06842125]

字体大小: [0.07628165]

字体样式: [0.]

整齐或杂乱: [0.025625]

连续或间断: [0.12324202]

笔画的粗细: [2.26950976]

字行趋向: [1.00190704]

字迹倾斜角度: [-0.05706797]

字体大小: [1.00190704]

字体样式: [0.]

整齐或杂乱: [7.06314062]

连续或间断: [3.95620331]

笔画的粗细: [4.26152035]

字行趋向: [1.52504768]

字迹倾斜角度: [0.03237649]

字体大小: [1.52504768]

字体样式: [0.]

整齐或杂乱: [13.86407852]

连续或间断: [8.24908358]

笔画的粗细: [5.30513782]

字行趋向: [2.01312619]

字迹倾斜角度: [-0.06164288]

字体大小: [2.01312619]

字体样式: [0.]

整齐或杂乱: [37.63410196]

连续或间断: [16.94341131]

笔画的粗细: [4.58623307]

字行趋向: [0.22532815]

字迹倾斜角度: [-0.07203712]

字体大小: [0.22532815]

字体样式: [0.]

整齐或杂乱: [2.84085255]

连续或间断: [1.89784934]

笔画的粗细: [3.5882008]

字行趋向: [0.9806332]

字迹倾斜角度: [-0.07621203]

字体大小: [0.9806332]

字体样式: [0.]

整齐或杂乱: [6.12102131]

连续或间断: [4.23237045]

笔画的粗细: [4.98074753]

字行趋向: [0.07451583]

字迹倾斜角度: [-0.0019053]

字体大小: [0.07451583]

字体样式: [0.]

整齐或杂乱: [0.15302553]

连续或间断: [0.15580926]

笔画的粗细: [3.41201869]

字行趋向: [0.0268629]

字迹倾斜角度: [-4.76325172e-05]

字体大小: [0.0268629]

字体样式: [0.]

整齐或杂乱: [0.00382564]

连续或间断: [0.00389523]

笔画的粗细: [2.76030047]

字行趋向: [0.05067157]

字迹倾斜角度: [-1.19081293e-06]

字体大小: [0.05067157]

字体样式: [0.]

整齐或杂乱: [9.5640958e-05]

连续或间断: [0.05009738]

笔画的粗细: [2.75650751]

字行趋向: [0.07626679]

字迹倾斜角度: [-0.06694866]

字体大小: [0.07626679]

字体样式: [0.]

整齐或杂乱: [0.02500239]

连续或间断: [0.12196311]

笔画的粗细: [2.77307935]

字行趋向: [0.02690667]

字迹倾斜角度: [-0.00167372]

字体大小: [0.02690667]

字体样式: [0.]

整齐或杂乱: [0.00062506]

连续或间断: [0.00304908]

笔画的粗细: [3.19432698]

字行趋向: [0.02567267]

字迹倾斜角度: [-4.18429099e-05]

字体大小: [0.02567267]

字体样式: [0.]

整齐或杂乱: [1.56264944e-05]

连续或间断: [7.62269446e-05]

笔画的粗细: [2.87985817]

字行趋向: [0.05064182]

字迹倾斜角度: [-1.04607275e-06]

字体大小: [0.05064182]

字体样式: [0.]

整齐或杂乱: [3.9066236e-07]

连续或间断: [0.05000191]

笔画的粗细: [2.10949645]

字行趋向: [0.05126605]

字迹倾斜角度: [-0.05890489]

字体大小: [0.05126605]

字体样式: [0.]

整齐或杂乱: [0.02500001]

连续或间断: [0.10125005]

笔画的粗细: [1.01523741]

字行趋向: [0.05128165]

字迹倾斜角度: [-0.06037748]

字体大小: [0.05128165]

字体样式: [0.]

整齐或杂乱: [0.025625]

连续或间断: [0.10253125]

笔画的粗细: [3.36288094]

字行趋向: [0.05128204]

字迹倾斜角度: [-0.06534919]

字体大小: [0.05128204]

字体样式: [0.]

整齐或杂乱: [0.03814063]

连续或间断: [0.13791862]

笔画的粗细: [2.47990536]

字行趋向: [0.02628205]

字迹倾斜角度: [-0.00163373]

字体大小: [0.02628205]

字体样式: [0.]

整齐或杂乱: [0.00095352]

连续或间断: [0.00344797]

笔画的粗细: [3.61199763]

字行趋向: [0.12565705]

字迹倾斜角度: [-0.05894571]

字体大小: [0.12565705]

字体样式: [0.]

整齐或杂乱: [0.93752384]

连续或间断: [0.98899492]

笔画的粗细: [3.18059406]

字行趋向: [0.02814143]

字迹倾斜角度: [-0.00147364]

字体大小: [0.02814143]

字体样式: [0.]

整齐或杂乱: [0.0234381]

连续或间断: [0.02472487]

笔画的粗细: [3.82951485]

字行趋向: [0.07570354]

字迹倾斜角度: [-3.68410659e-05]

字体大小: [0.07570354]

字体样式: [0.]

整齐或杂乱: [0.00058595]

连续或间断: [0.10061812]

笔画的粗细: [3.61240454]

字行趋向: [0.07689259]

字迹倾斜角度: [-9.21026648e-07]

字体大小: [0.07689259]

字体样式: [0.]

整齐或杂乱: [1.464881e-05]

连续或间断: [0.10251545]

笔画的粗细: [3.62364345]

字行趋向: [0.02692231]

字迹倾斜角度: [-2.30256662e-08]

字体大小: [0.02692231]

字体样式: [0.]

整齐或杂乱: [3.66220249e-07]

连续或间断: [0.00256289]

笔画的粗细: [3.84059109]

字行趋向: [0.10067306]

字迹倾斜角度: [-0.05890486]

字体大小: [0.10067306]

字体样式: [0.]

整齐或杂乱: [0.05000001]

连续或间断: [0.17077475]

笔画的粗细: [3.09601478]

字行趋向: [0.05251683]

字迹倾斜角度: [-0.00147262]

字体大小: [0.05251683]

字体样式: [0.]

整齐或杂乱: [0.00125]

连续或间断: [0.05426937]

笔画的粗细: [2.56490037]

字行趋向: [0.05131292]

字迹倾斜角度: [-3.68155393e-05]

字体大小: [0.05131292]

字体样式: [0.]

整齐或杂乱: [3.12500057e-05]

连续或间断: [0.05135673]

笔画的粗细: [2.42662251]

字行趋向: [0.05128282]

字迹倾斜角度: [-9.20388482e-07]

字体大小: [0.05128282]

字体样式: [0.]

整齐或杂乱: [7.81250143e-07]

连续或间断: [0.05128392]

笔画的粗细: [3.82316556]

字行趋向: [0.05128207]

字迹倾斜角度: [-2.3009712e-08]

字体大小: [0.05128207]

字体样式: [0.]

整齐或杂乱: [1.95312536e-08]

连续或间断: [0.0512821]

笔画的粗细: [2.19557914]

字行趋向: [0.05128205]

字迹倾斜角度: [-5.75242801e-10]

字体大小: [0.05128205]

字体样式: [0.]

整齐或杂乱: [4.88281339e-10]

连续或间断: [0.05128205]

笔画的粗细: [1.36738948]

字行趋向: [0.02628205]

字迹倾斜角度: [-1.438107e-11]

字体大小: [0.02628205]

字体样式: [0.]

整齐或杂乱: [1.22070335e-11]

连续或间断: [0.00128205]

笔画的粗细: [3.78418474]

字行趋向: [0.07565705]

字迹倾斜角度: [-3.59526751e-13]

字体大小: [0.07565705]

字体样式: [0.]

整齐或杂乱: [3.05175837e-13]

连续或间断: [0.10003205]

笔画的粗细: [3.44460462]

字行趋向: [0.05189143]

字迹倾斜角度: [-8.98816877e-15]

字体大小: [0.05189143]

字体样式: [0.]

整齐或杂乱: [7.62939593e-15]

连续或间断: [0.0525008]

笔画的粗细: [3.46111512]

字行趋向: [0.02629729]

字迹倾斜角度: [-2.24704219e-16]

字体大小: [0.02629729]

字体样式: [0.]

整齐或杂乱: [1.90734898e-16]

连续或间断: [0.00131252]

笔画的粗细: [3.83652788]

字行趋向: [0.02565743]

字迹倾斜角度: [-5.61760548e-18]

字体大小: [0.02565743]

字体样式: [0.]

整齐或杂乱: [4.76837246e-18]

连续或间断: [3.28130008e-05]

笔画的粗细: [3.5459132]

字行趋向: [75.17564144]

字迹倾斜角度: [-0.02155425]

字体大小: [75.17564144]

字体样式: [0.]

整齐或杂乱: [141786.2125]

连续或间断: [281.48556494]

笔画的粗细: [5.67915599]

字行趋向: [1.92939104]

字迹倾斜角度: [-0.00053886]

字体大小: [1.92939104]

字体样式: [0.]

整齐或杂乱: [3544.6553125]

连续或间断: [7.08713912]

笔画的粗细: [3.6669789]

字行趋向: [0.09823478]

字迹倾斜角度: [-1.34714071e-05]

字体大小: [0.09823478]

字体样式: [0.]

整齐或杂乱: [88.61638281]

连续或间断: [0.22717848]

笔画的粗细: [3.81667447]

train epoch[1/100] loss:1.285: 100%|██████████| 52/52 [00:13<00:00, 3.79it/s]

valid epoch[1/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 1] train\_loss: 1.465 val\_accuracy: 0.250

train epoch[2/100] loss:1.368: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[2/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 2] train\_loss: 1.434 val\_accuracy: 0.239

train epoch[3/100] loss:1.359: 100%|██████████| 52/52 [00:12<00:00, 4.24it/s]

valid epoch[3/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 3] train\_loss: 1.405 val\_accuracy: 0.326

train epoch[4/100] loss:1.567: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[4/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 4] train\_loss: 1.421 val\_accuracy: 0.261

train epoch[5/100] loss:1.376: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[5/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 5] train\_loss: 1.398 val\_accuracy: 0.196

train epoch[6/100] loss:1.267: 100%|██████████| 52/52 [00:12<00:00, 4.26it/s]

valid epoch[6/100]: 100%|██████████| 6/6 [00:10<00:00, 1.67s/it]

[epoch 6] train\_loss: 1.422 val\_accuracy: 0.283

train epoch[7/100] loss:1.329: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[7/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 7] train\_loss: 1.414 val\_accuracy: 0.239

train epoch[8/100] loss:1.430: 100%|██████████| 52/52 [00:12<00:00, 4.32it/s]

valid epoch[8/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 8] train\_loss: 1.412 val\_accuracy: 0.250

train epoch[9/100] loss:1.441: 100%|██████████| 52/52 [00:12<00:00, 4.30it/s]

valid epoch[9/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 9] train\_loss: 1.419 val\_accuracy: 0.250

train epoch[10/100] loss:1.369: 100%|██████████| 52/52 [00:12<00:00, 4.24it/s]

valid epoch[10/100]: 100%|██████████| 6/6 [00:09<00:00, 1.53s/it]

[epoch 10] train\_loss: 1.414 val\_accuracy: 0.283

train epoch[11/100] loss:1.309: 100%|██████████| 52/52 [00:12<00:00, 4.24it/s]

valid epoch[11/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 11] train\_loss: 1.406 val\_accuracy: 0.228

train epoch[12/100] loss:1.416: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[12/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 12] train\_loss: 1.423 val\_accuracy: 0.261

train epoch[13/100] loss:1.414: 100%|██████████| 52/52 [00:12<00:00, 4.25it/s]

valid epoch[13/100]: 100%|██████████| 6/6 [00:09<00:00, 1.53s/it]

[epoch 13] train\_loss: 1.402 val\_accuracy: 0.272

train epoch[14/100] loss:1.387: 100%|██████████| 52/52 [00:13<00:00, 3.95it/s]

valid epoch[14/100]: 100%|██████████| 6/6 [00:09<00:00, 1.61s/it]

[epoch 14] train\_loss: 1.416 val\_accuracy: 0.250

train epoch[15/100] loss:1.314: 100%|██████████| 52/52 [00:12<00:00, 4.09it/s]

valid epoch[15/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 15] train\_loss: 1.431 val\_accuracy: 0.272

train epoch[16/100] loss:1.433: 100%|██████████| 52/52 [00:13<00:00, 3.97it/s]

valid epoch[16/100]: 100%|██████████| 6/6 [00:10<00:00, 1.78s/it]

[epoch 16] train\_loss: 1.424 val\_accuracy: 0.250

train epoch[17/100] loss:1.325: 100%|██████████| 52/52 [00:13<00:00, 3.78it/s]

valid epoch[17/100]: 100%|██████████| 6/6 [00:09<00:00, 1.62s/it]

[epoch 17] train\_loss: 1.415 val\_accuracy: 0.293

train epoch[18/100] loss:1.356: 100%|██████████| 52/52 [00:14<00:00, 3.66it/s]

valid epoch[18/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 18] train\_loss: 1.414 val\_accuracy: 0.261

train epoch[19/100] loss:1.403: 100%|██████████| 52/52 [00:12<00:00, 4.08it/s]

valid epoch[19/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 19] train\_loss: 1.418 val\_accuracy: 0.239

train epoch[20/100] loss:1.420: 100%|██████████| 52/52 [00:12<00:00, 4.02it/s]

valid epoch[20/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 20] train\_loss: 1.401 val\_accuracy: 0.304

train epoch[21/100] loss:1.333: 100%|██████████| 52/52 [00:12<00:00, 4.27it/s]

valid epoch[21/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 21] train\_loss: 1.410 val\_accuracy: 0.272

train epoch[22/100] loss:1.379: 100%|██████████| 52/52 [00:12<00:00, 4.16it/s]

valid epoch[22/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 22] train\_loss: 1.407 val\_accuracy: 0.250

train epoch[23/100] loss:1.372: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[23/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 23] train\_loss: 1.424 val\_accuracy: 0.283

train epoch[24/100] loss:1.485: 100%|██████████| 52/52 [00:12<00:00, 4.25it/s]

valid epoch[24/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 24] train\_loss: 1.410 val\_accuracy: 0.250

train epoch[25/100] loss:1.328: 100%|██████████| 52/52 [00:12<00:00, 4.17it/s]

valid epoch[25/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 25] train\_loss: 1.432 val\_accuracy: 0.239

train epoch[26/100] loss:1.422: 100%|██████████| 52/52 [00:12<00:00, 4.17it/s]

valid epoch[26/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 26] train\_loss: 1.452 val\_accuracy: 0.239

train epoch[27/100] loss:1.337: 100%|██████████| 52/52 [00:12<00:00, 4.23it/s]

valid epoch[27/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 27] train\_loss: 1.431 val\_accuracy: 0.228

train epoch[28/100] loss:1.383: 100%|██████████| 52/52 [00:12<00:00, 4.12it/s]

valid epoch[28/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 28] train\_loss: 1.416 val\_accuracy: 0.261

train epoch[29/100] loss:1.432: 100%|██████████| 52/52 [00:12<00:00, 4.18it/s]

valid epoch[29/100]: 100%|██████████| 6/6 [00:09<00:00, 1.53s/it]

[epoch 29] train\_loss: 1.404 val\_accuracy: 0.239

train epoch[30/100] loss:1.406: 100%|██████████| 52/52 [00:12<00:00, 4.09it/s]

valid epoch[30/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 30] train\_loss: 1.416 val\_accuracy: 0.239

train epoch[31/100] loss:1.418: 100%|██████████| 52/52 [00:12<00:00, 4.16it/s]

valid epoch[31/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 31] train\_loss: 1.447 val\_accuracy: 0.250

train epoch[32/100] loss:1.512: 100%|██████████| 52/52 [00:12<00:00, 4.04it/s]

valid epoch[32/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 32] train\_loss: 1.402 val\_accuracy: 0.272

train epoch[33/100] loss:1.326: 100%|██████████| 52/52 [00:12<00:00, 4.16it/s]

valid epoch[33/100]: 100%|██████████| 6/6 [00:10<00:00, 1.68s/it]

[epoch 33] train\_loss: 1.416 val\_accuracy: 0.250

train epoch[34/100] loss:1.635: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[34/100]: 100%|██████████| 6/6 [00:09<00:00, 1.52s/it]

[epoch 34] train\_loss: 1.414 val\_accuracy: 0.250

train epoch[35/100] loss:1.410: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[35/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 35] train\_loss: 1.405 val\_accuracy: 0.250

train epoch[36/100] loss:1.325: 100%|██████████| 52/52 [00:12<00:00, 4.27it/s]

valid epoch[36/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 36] train\_loss: 1.417 val\_accuracy: 0.261

train epoch[37/100] loss:1.392: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[37/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 37] train\_loss: 1.430 val\_accuracy: 0.261

train epoch[38/100] loss:1.458: 100%|██████████| 52/52 [00:12<00:00, 4.29it/s]

valid epoch[38/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 38] train\_loss: 1.402 val\_accuracy: 0.239

train epoch[39/100] loss:1.394: 100%|██████████| 52/52 [00:13<00:00, 3.96it/s]

valid epoch[39/100]: 100%|██████████| 6/6 [00:09<00:00, 1.62s/it]

[epoch 39] train\_loss: 1.411 val\_accuracy: 0.250

train epoch[40/100] loss:1.532: 100%|██████████| 52/52 [00:12<00:00, 4.04it/s]

valid epoch[40/100]: 100%|██████████| 6/6 [00:09<00:00, 1.65s/it]

[epoch 40] train\_loss: 1.432 val\_accuracy: 0.261

train epoch[41/100] loss:1.302: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[41/100]: 100%|██████████| 6/6 [00:10<00:00, 1.70s/it]

[epoch 41] train\_loss: 1.406 val\_accuracy: 0.239

train epoch[42/100] loss:1.407: 100%|██████████| 52/52 [00:13<00:00, 3.97it/s]

valid epoch[42/100]: 100%|██████████| 6/6 [00:09<00:00, 1.61s/it]

[epoch 42] train\_loss: 1.415 val\_accuracy: 0.283

train epoch[43/100] loss:1.462: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[43/100]: 100%|██████████| 6/6 [00:10<00:00, 1.71s/it]

[epoch 43] train\_loss: 1.418 val\_accuracy: 0.315

train epoch[44/100] loss:1.487: 100%|██████████| 52/52 [00:12<00:00, 4.13it/s]

valid epoch[44/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 44] train\_loss: 1.403 val\_accuracy: 0.304

train epoch[45/100] loss:1.374: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[45/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 45] train\_loss: 1.420 val\_accuracy: 0.283

train epoch[46/100] loss:1.440: 100%|██████████| 52/52 [00:12<00:00, 4.18it/s]

valid epoch[46/100]: 100%|██████████| 6/6 [00:09<00:00, 1.65s/it]

[epoch 46] train\_loss: 1.416 val\_accuracy: 0.250

train epoch[47/100] loss:1.398: 100%|██████████| 52/52 [00:13<00:00, 3.79it/s]

valid epoch[47/100]: 100%|██████████| 6/6 [00:10<00:00, 1.67s/it]

[epoch 47] train\_loss: 1.404 val\_accuracy: 0.272

train epoch[48/100] loss:1.375: 100%|██████████| 52/52 [00:13<00:00, 3.83it/s]

valid epoch[48/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 48] train\_loss: 1.411 val\_accuracy: 0.293

train epoch[49/100] loss:1.522: 100%|██████████| 52/52 [00:12<00:00, 4.10it/s]

valid epoch[49/100]: 100%|██████████| 6/6 [00:09<00:00, 1.61s/it]

[epoch 49] train\_loss: 1.403 val\_accuracy: 0.239

train epoch[50/100] loss:1.408: 100%|██████████| 52/52 [00:12<00:00, 4.11it/s]

valid epoch[50/100]: 100%|██████████| 6/6 [00:10<00:00, 1.72s/it]

[epoch 50] train\_loss: 1.424 val\_accuracy: 0.250

train epoch[51/100] loss:1.301: 100%|██████████| 52/52 [00:12<00:00, 4.12it/s]

valid epoch[51/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 51] train\_loss: 1.405 val\_accuracy: 0.272

train epoch[52/100] loss:1.403: 100%|██████████| 52/52 [00:12<00:00, 4.04it/s]

valid epoch[52/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 52] train\_loss: 1.410 val\_accuracy: 0.250

train epoch[53/100] loss:1.479: 100%|██████████| 52/52 [00:12<00:00, 4.28it/s]

valid epoch[53/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 53] train\_loss: 1.404 val\_accuracy: 0.239

train epoch[54/100] loss:1.506: 100%|██████████| 52/52 [00:12<00:00, 4.14it/s]

valid epoch[54/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 54] train\_loss: 1.414 val\_accuracy: 0.250

train epoch[55/100] loss:1.443: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[55/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 55] train\_loss: 1.434 val\_accuracy: 0.250

train epoch[56/100] loss:1.360: 100%|██████████| 52/52 [00:12<00:00, 4.22it/s]

valid epoch[56/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 56] train\_loss: 1.439 val\_accuracy: 0.239

train epoch[57/100] loss:1.391: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[57/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 57] train\_loss: 1.410 val\_accuracy: 0.239

train epoch[58/100] loss:1.527: 100%|██████████| 52/52 [00:12<00:00, 4.17it/s]

valid epoch[58/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 58] train\_loss: 1.413 val\_accuracy: 0.293

train epoch[59/100] loss:1.346: 100%|██████████| 52/52 [00:12<00:00, 4.27it/s]

valid epoch[59/100]: 100%|██████████| 6/6 [00:09<00:00, 1.53s/it]

[epoch 59] train\_loss: 1.415 val\_accuracy: 0.196

train epoch[60/100] loss:1.263: 100%|██████████| 52/52 [00:12<00:00, 4.28it/s]

valid epoch[60/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 60] train\_loss: 1.418 val\_accuracy: 0.272

train epoch[61/100] loss:1.391: 100%|██████████| 52/52 [00:12<00:00, 4.16it/s]

valid epoch[61/100]: 100%|██████████| 6/6 [00:09<00:00, 1.61s/it]

[epoch 61] train\_loss: 1.423 val\_accuracy: 0.185

train epoch[62/100] loss:1.479: 100%|██████████| 52/52 [00:12<00:00, 4.12it/s]

valid epoch[62/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 62] train\_loss: 1.427 val\_accuracy: 0.261

train epoch[63/100] loss:1.416: 100%|██████████| 52/52 [00:12<00:00, 4.32it/s]

valid epoch[63/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 63] train\_loss: 1.414 val\_accuracy: 0.250

train epoch[64/100] loss:1.237: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[64/100]: 100%|██████████| 6/6 [00:10<00:00, 1.70s/it]

[epoch 64] train\_loss: 1.427 val\_accuracy: 0.261

train epoch[65/100] loss:1.637: 100%|██████████| 52/52 [00:12<00:00, 4.10it/s]

valid epoch[65/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 65] train\_loss: 1.455 val\_accuracy: 0.239

train epoch[66/100] loss:1.350: 100%|██████████| 52/52 [00:13<00:00, 3.89it/s]

valid epoch[66/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 66] train\_loss: 1.422 val\_accuracy: 0.272

train epoch[67/100] loss:1.354: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[67/100]: 100%|██████████| 6/6 [00:10<00:00, 1.70s/it]

[epoch 67] train\_loss: 1.417 val\_accuracy: 0.228

train epoch[68/100] loss:1.507: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[68/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 68] train\_loss: 1.420 val\_accuracy: 0.283

train epoch[69/100] loss:1.358: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[69/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 69] train\_loss: 1.406 val\_accuracy: 0.250

train epoch[70/100] loss:1.513: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[70/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 70] train\_loss: 1.401 val\_accuracy: 0.283

train epoch[71/100] loss:1.439: 100%|██████████| 52/52 [00:12<00:00, 4.27it/s]

valid epoch[71/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 71] train\_loss: 1.416 val\_accuracy: 0.250

train epoch[72/100] loss:1.367: 100%|██████████| 52/52 [00:12<00:00, 4.16it/s]

valid epoch[72/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 72] train\_loss: 1.417 val\_accuracy: 0.239

train epoch[73/100] loss:1.277: 100%|██████████| 52/52 [00:12<00:00, 4.28it/s]

valid epoch[73/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 73] train\_loss: 1.401 val\_accuracy: 0.228

train epoch[74/100] loss:1.555: 100%|██████████| 52/52 [00:12<00:00, 4.23it/s]

valid epoch[74/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 74] train\_loss: 1.413 val\_accuracy: 0.261

train epoch[75/100] loss:1.430: 100%|██████████| 52/52 [00:12<00:00, 4.15it/s]

valid epoch[75/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 75] train\_loss: 1.439 val\_accuracy: 0.315

train epoch[76/100] loss:1.415: 100%|██████████| 52/52 [00:12<00:00, 4.14it/s]

valid epoch[76/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 76] train\_loss: 1.410 val\_accuracy: 0.283

train epoch[77/100] loss:1.386: 100%|██████████| 52/52 [00:12<00:00, 4.25it/s]

valid epoch[77/100]: 100%|██████████| 6/6 [00:09<00:00, 1.66s/it]

[epoch 77] train\_loss: 1.409 val\_accuracy: 0.272

train epoch[78/100] loss:1.404: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[78/100]: 100%|██████████| 6/6 [00:09<00:00, 1.58s/it]

[epoch 78] train\_loss: 1.434 val\_accuracy: 0.239

train epoch[79/100] loss:1.355: 100%|██████████| 52/52 [00:12<00:00, 4.18it/s]

valid epoch[79/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 79] train\_loss: 1.417 val\_accuracy: 0.250

train epoch[80/100] loss:1.314: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[80/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 80] train\_loss: 1.399 val\_accuracy: 0.283

train epoch[81/100] loss:1.379: 100%|██████████| 52/52 [00:13<00:00, 4.00it/s]

valid epoch[81/100]: 100%|██████████| 6/6 [00:09<00:00, 1.60s/it]

[epoch 81] train\_loss: 1.430 val\_accuracy: 0.326

train epoch[82/100] loss:1.433: 100%|██████████| 52/52 [00:14<00:00, 3.65it/s]

valid epoch[82/100]: 100%|██████████| 6/6 [00:09<00:00, 1.63s/it]

[epoch 82] train\_loss: 1.417 val\_accuracy: 0.326

train epoch[83/100] loss:1.430: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[83/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 83] train\_loss: 1.420 val\_accuracy: 0.228

train epoch[84/100] loss:1.529: 100%|██████████| 52/52 [00:13<00:00, 3.92it/s]

valid epoch[84/100]: 100%|██████████| 6/6 [00:10<00:00, 1.77s/it]

[epoch 84] train\_loss: 1.409 val\_accuracy: 0.283

train epoch[85/100] loss:1.490: 100%|██████████| 52/52 [00:12<00:00, 4.05it/s]

valid epoch[85/100]: 100%|██████████| 6/6 [00:09<00:00, 1.61s/it]

[epoch 85] train\_loss: 1.401 val\_accuracy: 0.228

train epoch[86/100] loss:1.435: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[86/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 86] train\_loss: 1.401 val\_accuracy: 0.261

train epoch[87/100] loss:1.260: 100%|██████████| 52/52 [00:12<00:00, 4.20it/s]

valid epoch[87/100]: 100%|██████████| 6/6 [00:09<00:00, 1.62s/it]

[epoch 87] train\_loss: 1.416 val\_accuracy: 0.261

train epoch[88/100] loss:1.412: 100%|██████████| 52/52 [00:13<00:00, 3.98it/s]

valid epoch[88/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 88] train\_loss: 1.410 val\_accuracy: 0.272

train epoch[89/100] loss:1.415: 100%|██████████| 52/52 [00:12<00:00, 4.28it/s]

valid epoch[89/100]: 100%|██████████| 6/6 [00:09<00:00, 1.57s/it]

[epoch 89] train\_loss: 1.414 val\_accuracy: 0.293

train epoch[90/100] loss:1.604: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[90/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 90] train\_loss: 1.412 val\_accuracy: 0.315

train epoch[91/100] loss:1.228: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[91/100]: 100%|██████████| 6/6 [00:09<00:00, 1.54s/it]

[epoch 91] train\_loss: 1.416 val\_accuracy: 0.326

train epoch[92/100] loss:1.481: 100%|██████████| 52/52 [00:12<00:00, 4.28it/s]

valid epoch[92/100]: 100%|██████████| 6/6 [00:09<00:00, 1.53s/it]

[epoch 92] train\_loss: 1.423 val\_accuracy: 0.261

train epoch[93/100] loss:1.697: 100%|██████████| 52/52 [00:12<00:00, 4.23it/s]

valid epoch[93/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 93] train\_loss: 1.416 val\_accuracy: 0.283

train epoch[94/100] loss:1.406: 100%|██████████| 52/52 [00:12<00:00, 4.30it/s]

valid epoch[94/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 94] train\_loss: 1.408 val\_accuracy: 0.207

train epoch[95/100] loss:1.388: 100%|██████████| 52/52 [00:12<00:00, 4.32it/s]

valid epoch[95/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 95] train\_loss: 1.405 val\_accuracy: 0.261

train epoch[96/100] loss:1.633: 100%|██████████| 52/52 [00:12<00:00, 4.21it/s]

valid epoch[96/100]: 100%|██████████| 6/6 [00:09<00:00, 1.55s/it]

[epoch 96] train\_loss: 1.415 val\_accuracy: 0.228

train epoch[97/100] loss:1.387: 100%|██████████| 52/52 [00:12<00:00, 4.19it/s]

valid epoch[97/100]: 100%|██████████| 6/6 [00:09<00:00, 1.56s/it]

[epoch 97] train\_loss: 1.403 val\_accuracy: 0.272

train epoch[98/100] loss:1.347: 100%|██████████| 52/52 [00:12<00:00, 4.13it/s]

valid epoch[98/100]: 100%|██████████| 6/6 [00:11<00:00, 1.86s/it]

[epoch 98] train\_loss: 1.406 val\_accuracy: 0.250

train epoch[99/100] loss:1.287: 100%|██████████| 52/52 [00:12<00:00, 4.08it/s]

valid epoch[99/100]: 100%|██████████| 6/6 [00:09<00:00, 1.59s/it]

[epoch 99] train\_loss: 1.415 val\_accuracy: 0.272

train epoch[100/100] loss:1.403: 100%|██████████| 52/52 [00:12<00:00, 4.06it/s]

valid epoch[100/100]: 100%|██████████| 6/6 [00:09<00:00, 1.64s/it]

[epoch 100] train\_loss: 1.423 val\_accuracy: 0.250

Finished Training

Process finished with exit code 0

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[[ 14][ 0] [ 14] [107] [ 47] [145]]

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T1

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