70(40:30), 110(80:30), 150(120:30), 190(160:30), 230(200:30), 270(240:30)

## datasets 70

train\_data:40, test\_data:30,

epoch:10

[0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5, 0.5]

Average Accuracy: 50.00% std:0

epoch:20

[0.9333, 0.6667, 0.7667, 0.8333, 0.7667, 0.8333, 0.8333, 0.8000, 0.7333, 0.9000]

len\_l: 10

Average\_acc:0.8067, Std:0.0742

epoch:30

[93.33%, 83.33%, 90.00%, 96.67%, 100.00%, 96.67%, 96.67%, 96.67%, 93.33%, 96.67%]

all\_acc:[0.9333, 0.8333, 0.9, 0.9667, 1.0, 0.9667, 0.9667, 0.9667, 0.9333, 0.9667]

len:10

Average\_acc:0.9433, Std:0.0449

epoch:40

[100.00, 90.00, 90.00, 90.00, 100.00, 86.67, 100.00, 93.33, 90.00, 83.33]

all\_acc:[1.0, 0.9, 0.9, 0.9, 1.0, 0.8667, 1.0, 0.9333, 0.9, 0.8333]

len:10

Average\_acc:0.9233, Std:0.0559

Average Accuracy: 92.33%

## datasets 110

train\_data:80, test\_data:30

epoch:20

[93.33, 96.67, 86.67, 73.33, 93.33, 80.00, 93.33, 93.33, 80.00, 83.33]

all\_acc:[0.9333, 0.9667, 0.8667, 0.7333, 0.9333, 0.8, 0.9333, 0.9333, 0.8, 0.8333]

len:10

Average\_acc:0.8733, Std:0.0742

epoch:30

[100.00, 93.33, 96.67, 100.00, 93.33, 96.67, 93.33, 93.33, 90.00, 96.67]

all\_acc:[1.0, 0.9333, 0.9667, 1.0, 0.9333, 0.9667, 0.9333, 0.9333, 0.9, 0.9667]

len:10

Average\_acc:0.9533, Std:0.0306

Average Accuracy: 95.33%

epoch:40

[93.33, 93.33, 96.67, 100.00, 86.67, 96.67, 96.67, 93.33, 96.67, 96.67]

all\_acc:[0.9333, 0.9333, 0.9667, 1.0, 0.8667, 0.9667, 0.9667, 0.9333, 0.9667, 0.9667]

len:10

Average\_acc:0.9500, Std:0.0342

## datasets 150

train\_data: 120 test\_datat: 30

epochs:20

[90.00, 96.67 93.33 80.00 93.33 83.33 96.67 93.33 93.33 93.33]

all\_acc:[0.9, 0.9667, 0.9333, 0.8, 0.9333, 0.8333, 0.9667, 0.9333, 0.9333, 0.9333]

len:10

Average\_acc:0.9133, Std:0.0521

epochs:30

[96.67, 93.33, 96.67, 93.33, 96.67, 93.33, 96.67, 96.67, 96.67, 96.67]

all\_acc:[0.9667, 0.9333, 0.9667, 0.9333, 0.9667, 0.9333, 0.9667, 0.9667, 0.9667, 0.9667]

len:10

Average\_acc:0.9567, Std:0.0153

Average Accuracy: 95.67%

epochs:40

[96.67, 96.67, 96.67, 96.67, 96.67, 96.67, 96.67, 96.67, 96.67, 96.67]

all\_acc:[0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667]

len:10

Average\_acc:0.9667, Std:0.0000

Average Accuracy: 96.67%

## datasets 190

train\_data:160, test\_data:30

epoch:20

[80.00 93.33 96.67 76.67 93.33 90.00 93.33 96.67 96.67 93.33]

all\_acc:[0.8, 0.9333, 0.9667, 0.7667, 0.9333, 0.9, 0.9333, 0.9667, 0.9667, 0.9333]

len:10

Average\_acc:0.9100, Std:0.0667

epoch:30

[93.33, 96.67, 96.67, 100.00, 96.67, 96.67, 96.67, 96.67, 96.67, 96.67]

all\_acc:[0.9333, 0.9667, 0.9667, 1.0, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667]

len:10

Average\_acc:0.9667, Std:0.0149

epoch:40

[96.67, 96.67, 96.67, 96.67, 96.67, 90.00, 96.67, 96.67, 100.00, 100.00]

all\_acc:[0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9, 0.9667, 0.9667, 1.0, 1.0]

len:10

Average\_acc:0.9667, Std:0.0258

## datasets 230

train\_data:200, test\_data:30

epochs 30

all\_acc:[0.9333, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 0.9667, 1.0]

len:10

Average\_acc:0.9667, Std:0.0149

epochs 40

all\_acc:[0.9667, 1.0, 0.9667, 0.9667, 1.0, 0.9667, 0.9667, 0.9667, 1.0, 1.0]

len:10

Average\_acc:0.9800, Std:0.0163

## datasets 270

train\_data:240, test\_data:30

epoch:30

[96.67, 90.00, 96.67, 96.67, 86.67, 93.33, 93.33, 96.67, 96.67, 96.67]

all\_acc:[0.9667, 0.9, 0.9667, 0.9667, 0.8667, 0.9333, 0.9333, 0.9667, 0.9667, 0.9667]

len:10

Average\_acc:0.9433, Std:0.0335

Average Accuracy: 94.33%

epoch:30

[96.67, 96.67, 93.33, 96.67, 96.67, 96.67, 96.67, 100.00, 93.33, 100.00]

all\_acc:[0.9667, 0.9667, 0.9333, 0.9667, 0.9667, 0.9667, 0.9667, 1.0, 0.9333, 1.0]

len:10

Average\_acc:0.9667, Std:0.0211

epoch:40

all\_acc:[0.9667, 0.9667, 1.0, 1.0, 0.9333, 1.0, 0.9333, 1.0, 0.9667, 0.9667]

len:10

Average\_acc:0.9733, Std:0.0250