[Results summary]

|-Results in result/Dense\_Greedy

|-Showing 10 best trials

|-Objective(name='val\_loss', direction='min')

[Trial summary]

|-Trial ID: 995928d9a0b0ec99be5398fe3b6f5b6c

|-Score: 0.22933882055804133

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.25

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 512

|-dense\_block\_1/units\_1: 512

|-dense\_block\_1/units\_2: 128

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 552ceec0ef88fa5c4299d89614df64f4

|-Score: 0.23032632959075272

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.25

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 256

|-dense\_block\_1/units\_1: 32

|-dense\_block\_1/units\_2: 16

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: edcb5826e8048ec89147df01a00f918f

|-Score: 0.2312031495384872

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.0

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 1024

|-dense\_block\_1/units\_1: 128

|-dense\_block\_1/units\_2: 256

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 4447c1e8707ce500ff2fe211829cd7a4

|-Score: 0.23615493206307292

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.5

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 512

|-dense\_block\_1/units\_1: 32

|-dense\_block\_1/units\_2: 1024

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 881c617a9ac9187a5e23b3149159886c

|-Score: 0.2363434829749167

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.5

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 512

|-dense\_block\_1/units\_1: 32

|-dense\_block\_1/units\_2: 256

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 197d6d02f83c6db268e9ddd582c9840e

|-Score: 0.23806382343173027

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.0

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 1024

|-dense\_block\_1/units\_1: 1024

|-dense\_block\_1/units\_2: 128

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: e99cc695efd53f335db73a156c791052

|-Score: 0.23883120901882648

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.25

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 1024

|-dense\_block\_1/units\_1: 16

|-dense\_block\_1/units\_2: 1024

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 10009b468b690fce937b525d0f1dbfad

|-Score: 0.23993103997781873

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.0

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 1024

|-dense\_block\_1/units\_1: 512

|-dense\_block\_1/units\_2: 32

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: b74f8f52285dd17842eae4b71bf2092f

|-Score: 0.24073064769618213

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.25

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 1024

|-dense\_block\_1/units\_1: 512

|-dense\_block\_1/units\_2: 1024

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

[Trial summary]

|-Trial ID: 7d94c39ca996deb4e9e273fdeaf8a23a

|-Score: 0.24232753226533532

|-Best step: 0

> Hyperparameters:

|-dense\_block\_1/dropout\_rate: 0.0

|-dense\_block\_1/num\_layers: 1

|-dense\_block\_1/units\_0: 256

|-dense\_block\_1/units\_1: 512

|-dense\_block\_1/units\_2: 16

|-dense\_block\_1/use\_batchnorm: False

|-learning\_rate: 0.001

|-optimizer: adam

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9841

test F1 measure for Cla.2 rhythm: 0.9937

test F1 measure for Cla.3 rhythm: 0.9895

test F1 measure for Cla.4 rhythm: 0.7138

test F1 measure for Cla.5 rhythm: 0.8057

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.9145

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_0----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9760

test F1 measure for Cla.2 rhythm: 0.9811

test F1 measure for Cla.3 rhythm: 0.9792

test F1 measure for Cla.4 rhythm: 0.6733

test F1 measure for Cla.5 rhythm: 0.7404

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8917

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_1----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9813

test F1 measure for Cla.2 rhythm: 0.9812

test F1 measure for Cla.3 rhythm: 0.9930

test F1 measure for Cla.4 rhythm: 0.6689

test F1 measure for Cla.5 rhythm: 0.7481

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8954

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_2----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9786

test F1 measure for Cla.2 rhythm: 0.9968

test F1 measure for Cla.3 rhythm: 0.9790

test F1 measure for Cla.4 rhythm: 0.7176

test F1 measure for Cla.5 rhythm: 0.7766

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.9081

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_3----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9813

test F1 measure for Cla.2 rhythm: 0.9905

test F1 measure for Cla.3 rhythm: 0.9793

test F1 measure for Cla.4 rhythm: 0.6469

test F1 measure for Cla.5 rhythm: 0.7169

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8858

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_4----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9786

test F1 measure for Cla.2 rhythm: 0.9874

test F1 measure for Cla.3 rhythm: 0.9826

test F1 measure for Cla.4 rhythm: 0.6408

test F1 measure for Cla.5 rhythm: 0.6963

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8810

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_5----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9734

test F1 measure for Cla.2 rhythm: 0.9779

test F1 measure for Cla.3 rhythm: 0.9895

test F1 measure for Cla.4 rhythm: 0.6689

test F1 measure for Cla.5 rhythm: 0.7475

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8929

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_6----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9894

test F1 measure for Cla.2 rhythm: 0.9905

test F1 measure for Cla.3 rhythm: 0.9860

test F1 measure for Cla.4 rhythm: 0.6429

test F1 measure for Cla.5 rhythm: 0.7087

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8862

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_7----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9735

test F1 measure for Cla.2 rhythm: 0.9841

test F1 measure for Cla.3 rhythm: 0.9823

test F1 measure for Cla.4 rhythm: 0.6472

test F1 measure for Cla.5 rhythm: 0.7117

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8832

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_8----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9813

test F1 measure for Cla.2 rhythm: 0.9874

test F1 measure for Cla.3 rhythm: 0.9861

test F1 measure for Cla.4 rhythm: 0.6513

test F1 measure for Cla.5 rhythm: 0.7169

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8872

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_9----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9733

test F1 measure for Cla.2 rhythm: 0.9905

test F1 measure for Cla.3 rhythm: 0.9754

test F1 measure for Cla.4 rhythm: 0.6840

test F1 measure for Cla.5 rhythm: 0.7404

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8939

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_10----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9813

test F1 measure for Cla.2 rhythm: 0.9874

test F1 measure for Cla.3 rhythm: 0.9827

test F1 measure for Cla.4 rhythm: 0.6263

test F1 measure for Cla.5 rhythm: 0.7371

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8858

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_11----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9841

test F1 measure for Cla.2 rhythm: 0.9874

test F1 measure for Cla.3 rhythm: 0.9860

test F1 measure for Cla.4 rhythm: 0.6250

test F1 measure for Cla.5 rhythm: 0.6979

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8801

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_12----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9787

test F1 measure for Cla.2 rhythm: 0.9936

test F1 measure for Cla.3 rhythm: 0.9860

test F1 measure for Cla.4 rhythm: 0.6667

test F1 measure for Cla.5 rhythm: 0.7273

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8921

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_13----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9814

test F1 measure for Cla.2 rhythm: 0.9905

test F1 measure for Cla.3 rhythm: 0.9825

test F1 measure for Cla.4 rhythm: 0.6429

test F1 measure for Cla.5 rhythm: 0.7169

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8857

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_14----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9840

test F1 measure for Cla.2 rhythm: 0.9842

test F1 measure for Cla.3 rhythm: 0.9827

test F1 measure for Cla.4 rhythm: 0.5985

test F1 measure for Cla.5 rhythm: 0.7295

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8798

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_15----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9653

test F1 measure for Cla.2 rhythm: 0.9649

test F1 measure for Cla.3 rhythm: 0.9645

test F1 measure for Cla.4 rhythm: 0.6709

test F1 measure for Cla.5 rhythm: 0.7211

test F1 measure for Cla.6 rhythm: 0.9898

test Overall F1 measure: 0.8794

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_16----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9788

test F1 measure for Cla.2 rhythm: 0.9842

test F1 measure for Cla.3 rhythm: 0.9826

test F1 measure for Cla.4 rhythm: 0.5878

test F1 measure for Cla.5 rhythm: 0.7418

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8792

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_17----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9814

test F1 measure for Cla.2 rhythm: 0.9905

test F1 measure for Cla.3 rhythm: 0.9722

test F1 measure for Cla.4 rhythm: 0.6507

test F1 measure for Cla.5 rhythm: 0.7387

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8889

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_18----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9815

test F1 measure for Cla.2 rhythm: 0.9873

test F1 measure for Cla.3 rhythm: 0.9860

test F1 measure for Cla.4 rhythm: 0.6386

test F1 measure for Cla.5 rhythm: 0.7426

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8893

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*----best\_model\_19----\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

test F1 measure for Cla.1 rhythm: 0.9841

test F1 measure for Cla.2 rhythm: 0.9627

test F1 measure for Cla.3 rhythm: 0.9609

test F1 measure for Cla.4 rhythm: 0.6731

test F1 measure for Cla.5 rhythm: 0.7263

test F1 measure for Cla.6 rhythm: 1.0000

test Overall F1 measure: 0.8845