Streaming output truncated to the last 5000 lines.
Iteration 1, loss = inf
Validation score: 0.771939
Iteration 2, loss = inf
Validation score: 0.756633
Iteration 3, loss = inf
Validation score: 0.758673
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.783163
Iteration 2, loss = inf
Validation score: 0.774490
Iteration 3, loss = inf
Validation score: 0.758163
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.380102
Iteration 2, loss = inf
Validation score: 0.753061
Iteration 3, loss = inf
Validation score: 0.798980
Iteration 4, loss = inf
Validation score: 0.752551
Iteration 5, loss = inf
Validation score: 0.760714
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.742347
Iteration 2, loss = inf
Validation score: 0.783163
Iteration 3, loss = inf
Validation score: 0.409694
Iteration 4, loss = inf
Validation score: 0.803061
Iteration 5, loss = inf
Validation score: 0.768367
Iteration 6, loss = inf
Validation score: 0.767347
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.714796
Iteration 2, loss = inf
Validation score: 0.748469
Iteration 3, loss = inf
Validation score: 0.748469
Iteration 4, loss = inf
Validation score: 0.376020
Iteration 5, loss = inf
Validation score: 0.784184
Iteration 6, loss = inf
Validation score: 0.797449
Iteration 7, loss = inf
Validation score: 0.746429

Iteration 8, loss = inf
Validation score: 0.777551
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.785714
Iteration 2, loss = inf
Validation score: 0.397449
Iteration 3, loss = inf
Validation score: 0.735714
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.777551
Iteration 2, loss = inf
Validation score: 0.773980
Iteration 3, loss = inf
Validation score: 0.760714
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.726020
Iteration 2, loss = inf
Validation score: 0.749490
Iteration 3, loss = inf
Validation score: 0.757653
Iteration 4, loss = inf
Validation score: 0.771939
Iteration 5, loss = inf
Validation score: 0.397959
Iteration 6, loss = inf
Validation score: 0.724490
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.811224
Iteration 2, loss = inf
Validation score: 0.794898
Iteration 3, loss = inf
Validation score: 0.769388
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.377041
Iteration 2, loss = inf
Validation score: 0.751020
Iteration 3, loss = inf
Validation score: 0.744898
Iteration 4, loss = inf
Validation score: 0.740816
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.368878
Iteration 2, loss = inf
Validation score: 0.738776
Iteration 3, loss = inf

```
Validation score: 0.786224
Iteration 4, loss = inf
Validation score: 0.811735
Iteration 5, loss = inf
Validation score: 0.781122
Iteration 6, loss = inf
Validation score: 0.376020
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.710714
Iteration 2, loss = inf
Validation score: 0.725510
Iteration 3, loss = inf
Validation score: 0.779592
Iteration 4, loss = inf
Validation score: 0.741327
Iteration 5, loss = inf
Validation score: 0.379592
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.378061
Iteration 2, loss = inf
Validation score: 0.810714
Iteration 3, loss = inf
Validation score: 0.764286
Iteration 4, loss = inf
Validation score: 0.426531
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.778061
Iteration 2, loss = inf
Validation score: 0.762755
Iteration 3, loss = inf
Validation score: 0.357143
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.386735
Iteration 2, loss = inf
Validation score: 0.390816
Iteration 3, loss = inf
Validation score: 0.761224
Iteration 4, loss = inf
Validation score: 0.794898
Iteration 5, loss = inf
Validation score: 0.749490
Iteration 6, loss = inf
Validation score: 0.795408
Iteration 7, loss = inf
Validation score: 0.759184
Iteration 8, loss = inf
Validation score: 0.750510
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
```

```
Iteration 1, loss = inf
Validation score: 0.776531
Iteration 2, loss = inf
Validation score: 0.757143
Iteration 3, loss = inf
Validation score: 0.763265
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.783163
Iteration 2, loss = inf
Validation score: 0.643367
Iteration 3, loss = inf
Validation score: 0.791837
Iteration 4, loss = inf
Validation score: 0.798469
Iteration 5, loss = inf
Validation score: 0.793878
Iteration 6, loss = inf
Validation score: 0.621429
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.786224
Iteration 2, loss = inf
Validation score: 0.727551
Iteration 3, loss = inf
Validation score: 0.414286
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.744388
Iteration 2, loss = inf
Validation score: 0.789286
Iteration 3, loss = inf
Validation score: 0.811224
Iteration 4, loss = inf
Validation score: 0.769388
Iteration 5, loss = inf
Validation score: 0.810204
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.710204
Iteration 2, loss = inf
Validation score: 0.760204
Iteration 3, loss = inf
Validation score: 0.751531
Iteration 4, loss = inf
Validation score: 0.398980
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.762245
Iteration 2, loss = inf
Validation score: 0.744898
Iteration 3, loss = inf
```

```
Validation score: 0.762755
Iteration 4, loss = inf
Validation score: 0.807143
Iteration 5, loss = inf
Validation score: 0.807653
Iteration 6, loss = inf
Validation score: 0.378571
Iteration 7, loss = inf
Validation score: 0.777041
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.762755
Iteration 2, loss = inf
Validation score: 0.729082
Iteration 3, loss = inf
Validation score: 0.762245
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.721429
Iteration 2, loss = inf
Validation score: 0.737755
Iteration 3, loss = inf
Validation score: 0.726020
Iteration 4, loss = inf
Validation score: 0.372959
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.723469
Iteration 2, loss = inf
Validation score: 0.769388
Iteration 3, loss = inf
Validation score: 0.768367
Iteration 4, loss = inf
Validation score: 0.780612
Iteration 5, loss = inf
Validation score: 0.802551
Iteration 6, loss = inf
Validation score: 0.371429
Iteration 7, loss = inf
Validation score: 0.787755
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.794898
Iteration 2, loss = inf
Validation score: 0.785204
Iteration 3, loss = inf
Validation score: 0.756633
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.744898
Iteration 2, loss = inf
Validation score: 0.722449
```

```
Iteration 3, loss = inf
Validation score: 0.778061
Iteration 4, loss = inf
Validation score: 0.782143
Iteration 5, loss = inf
Validation score: 0.739286
Iteration 6, loss = inf
Validation score: 0.743367
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.751531
Iteration 2, loss = inf
Validation score: 0.777041
Iteration 3, loss = inf
Validation score: 0.421429
Iteration 4, loss = inf
Validation score: 0.728061
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.416327
Iteration 2, loss = inf
Validation score: 0.746429
Iteration 3, loss = inf
Validation score: 0.723980
Iteration 4, loss = inf
Validation score: 0.809184
Iteration 5, loss = inf
Validation score: 0.670918
Iteration 6, loss = inf
Validation score: 0.744388
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.767857
Iteration 2, loss = inf
Validation score: 0.744388
Iteration 3, loss = inf
Validation score: 0.768878
Iteration 4, loss = inf
Validation score: 0.752041
Iteration 5, loss = inf
Validation score: 0.719388
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.720408
Iteration 2, loss = inf
Validation score: 0.759694
Iteration 3, loss = inf
Validation score: 0.593878
Iteration 4, loss = inf
Validation score: 0.756122
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
```

```
Validation score: 0.717347
Iteration 2, loss = inf
Validation score: 0.738776
Iteration 3, loss = inf
Validation score: 0.723980
Iteration 4, loss = inf
Validation score: 0.760714
Iteration 5, loss = inf
Validation score: 0.792347
Iteration 6, loss = inf
Validation score: 0.794898
Iteration 7, loss = inf
Validation score: 0.804082
Iteration 8, loss = inf
Validation score: 0.807143
Iteration 9, loss = inf
Validation score: 0.778571
Iteration 10, loss = inf
Validation score: 0.795408
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.758163
Iteration 2, loss = inf
Validation score: 0.754082
Iteration 3, loss = inf
Validation score: 0.749490
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.750510
Iteration 2, loss = inf
Validation score: 0.779082
Iteration 3, loss = inf
Validation score: 0.804082
Iteration 4, loss = inf
Validation score: 0.806122
Iteration 5, loss = inf
Validation score: 0.741327
Iteration 6, loss = inf
Validation score: 0.753571
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.782143
Iteration 2, loss = inf
Validation score: 0.383673
Iteration 3, loss = inf
Validation score: 0.802551
Iteration 4, loss = inf
Validation score: 0.800510
Iteration 5, loss = inf
Validation score: 0.787755
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.783163
```

```
Iteration 2, loss = inf
Validation score: 0.727041
Iteration 3, loss = inf
Validation score: 0.782143
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.773469
Iteration 2, loss = inf
Validation score: 0.782143
Iteration 3, loss = inf
Validation score: 0.731122
Iteration 4, loss = inf
Validation score: 0.768367
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.747449
Iteration 2, loss = inf
Validation score: 0.758673
Iteration 3, loss = inf
Validation score: 0.761735
Iteration 4, loss = inf
Validation score: 0.740816
Iteration 5, loss = inf
Validation score: 0.766837
Iteration 6, loss = inf
Validation score: 0.423980
Iteration 7, loss = inf
Validation score: 0.607143
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.766327
Iteration 2, loss = inf
Validation score: 0.754082
Iteration 3, loss = inf
Validation score: 0.775510
Iteration 4, loss = inf
Validation score: 0.748469
Iteration 5, loss = inf
Validation score: 0.737245
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.765306
Iteration 2, loss = inf
Validation score: 0.784694
Iteration 3, loss = inf
Validation score: 0.728571
Iteration 4, loss = inf
Validation score: 0.713776
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.782653
Iteration 2, loss = inf
```

```
Validation score: 0.731122
Iteration 3, loss = inf
Validation score: 0.766327
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.779592
Iteration 2, loss = inf
Validation score: 0.782143
Iteration 3, loss = inf
Validation score: 0.757653
Iteration 4, loss = inf
Validation score: 0.723980
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.721939
Iteration 2, loss = inf
Validation score: 0.793367
Iteration 3, loss = inf
Validation score: 0.375000
Iteration 4, loss = inf
Validation score: 0.739796
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.399490
Iteration 2, loss = inf
Validation score: 0.721429
Iteration 3, loss = inf
Validation score: 0.736735
Iteration 4, loss = inf
Validation score: 0.802551
Iteration 5, loss = inf
Validation score: 0.781122
Iteration 6, loss = inf
Validation score: 0.731633
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.753571
Iteration 2, loss = inf
Validation score: 0.790306
Iteration 3, loss = inf
Validation score: 0.790816
Iteration 4, loss = inf
Validation score: 0.725510
Iteration 5, loss = inf
Validation score: 0.729592
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.745918
Iteration 2, loss = inf
Validation score: 0.744898
Iteration 3, loss = inf
Validation score: 0.808673
```

```
Iteration 4, loss = inf
Validation score: 0.382143
Iteration 5, loss = inf
Validation score: 0.742347
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.793323
Iteration 2, loss = inf
Validation score: 0.782180
Iteration 3, loss = inf
Validation score: 0.812550
Iteration 4, loss = inf
Validation score: 0.797627
Iteration 5, loss = inf
Validation score: 0.774618
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.381858
Iteration 2, loss = inf
Validation score: 0.407603
Iteration 3, loss = inf
Validation score: 0.808447
Iteration 4, loss = inf
Validation score: 0.789984
Iteration 5, loss = inf
Validation score: 0.789019
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.760338
Iteration 2, loss = inf
Validation score: 0.808488
Iteration 3, loss = inf
Validation score: 0.787289
Iteration 4, loss = inf
Validation score: 0.765607
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.805994
Iteration 2, loss = inf
Validation score: 0.760257
Iteration 3, loss = inf
Validation score: 0.803821
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.777112
Iteration 2, loss = inf
Validation score: 0.803138
Iteration 3, loss = inf
Validation score: 0.789260
Iteration 4, loss = inf
Validation score: 0.803459
Iteration 5, loss = inf
```

```
Validation score: 0.809694
Iteration 6, loss = inf
Validation score: 0.747345
Iteration 7, loss = inf
Validation score: 0.818544
Iteration 8, loss = inf
Validation score: 0.407844
Iteration 9, loss = inf
Validation score: 0.798351
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.597989
Iteration 2, loss = inf
Validation score: 0.374256
Iteration 3, loss = inf
Validation score: 0.800563
Iteration 4, loss = inf
Validation score: 0.748351
Iteration 5, loss = inf
Validation score: 0.648190
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.792317
Iteration 2, loss = inf
Validation score: 0.795977
Iteration 3, loss = inf
Validation score: 0.753902
Iteration 4, loss = inf
Validation score: 0.810378
Iteration 5, loss = inf
Validation score: 0.754063
Iteration 6, loss = inf
Validation score: 0.784875
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.811786
Iteration 2, loss = inf
Validation score: 0.751569
Iteration 3, loss = inf
Validation score: 0.810137
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.824095
Iteration 2, loss = inf
Validation score: 0.749035
Iteration 3, loss = inf
Validation score: 0.825503
Iteration 4, loss = inf
Validation score: 0.789903
Iteration 5, loss = inf
Validation score: 0.758568
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
```

```
Iteration 1, loss = inf
Validation score: 0.776790
Iteration 2, loss = inf
Validation score: 0.374417
Iteration 3, loss = inf
Validation score: 0.753821
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.408126
Iteration 2, loss = inf
Validation score: 0.817860
Iteration 3, loss = inf
Validation score: 0.783990
Iteration 4, loss = inf
Validation score: 0.802896
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.777595
Iteration 2, loss = inf
Validation score: 0.802534
Iteration 3, loss = inf
Validation score: 0.808648
Iteration 4, loss = inf
Validation score: 0.809735
Iteration 5, loss = inf
Validation score: 0.825221
Iteration 6, loss = inf
Validation score: 0.777434
Iteration 7, loss = inf
Validation score: 0.789019
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.391150
Iteration 2, loss = inf
Validation score: 0.801529
Iteration 3, loss = inf
Validation score: 0.823934
Iteration 4, loss = inf
Validation score: 0.787570
Iteration 5, loss = inf
Validation score: 0.602333
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.803862
Iteration 2, loss = inf
Validation score: 0.783467
Iteration 3, loss = inf
Validation score: 0.817096
Iteration 4, loss = inf
Validation score: 0.777635
Iteration 5, loss = inf
Validation score: 0.770072
```

```
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.437369
Iteration 2, loss = inf
Validation score: 0.796983
Iteration 3, loss = inf
Validation score: 0.748914
Iteration 4, loss = inf
Validation score: 0.675583
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.784956
Iteration 2, loss = inf
Validation score: 0.799477
Iteration 3, loss = inf
Validation score: 0.787128
Iteration 4, loss = inf
Validation score: 0.771561
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.793363
Iteration 2, loss = inf
Validation score: 0.758769
Iteration 3, loss = inf
Validation score: 0.762470
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.813636
Iteration 2, loss = inf
Validation score: 0.619147
Iteration 3, loss = inf
Validation score: 0.799075
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.811947
Iteration 2, loss = inf
Validation score: 0.820394
Iteration 3, loss = inf
Validation score: 0.386163
Iteration 4, loss = inf
Validation score: 0.809533
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.777393
Iteration 2, loss = inf
Validation score: 0.759895
Iteration 3, loss = inf
Validation score: 0.817377
Iteration 4, loss = inf
Validation score: 0.789702
Iteration 5, loss = inf
```

```
Validation score: 0.810901
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.811142
Iteration 2, loss = inf
Validation score: 0.752776
Iteration 3, loss = inf
Validation score: 0.652454
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.752534
Iteration 2, loss = inf
Validation score: 0.814119
Iteration 3, loss = inf
Validation score: 0.765809
Iteration 4, loss = inf
Validation score: 0.778520
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.740265
Iteration 2, loss = inf
Validation score: 0.781738
Iteration 3, loss = inf
Validation score: 0.431456
Iteration 4, loss = inf
Validation score: 0.814320
Iteration 5, loss = inf
Validation score: 0.799517
Iteration 6, loss = inf
Validation score: 0.749437
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.805229
Iteration 2, loss = inf
Validation score: 0.744811
Iteration 3, loss = inf
Validation score: 0.768705
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.777595
Iteration 2, loss = inf
Validation score: 0.787409
Iteration 3, loss = inf
Validation score: 0.763033
Iteration 4, loss = inf
Validation score: 0.663194
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.783950
Iteration 2, loss = inf
Validation score: 0.773572
```

```
Iteration 3, loss = inf
Validation score: 0.763073
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.411424
Iteration 2, loss = inf
Validation score: 0.772928
Iteration 3, loss = inf
Validation score: 0.751850
Iteration 4, loss = inf
Validation score: 0.803862
Iteration 5, loss = inf
Validation score: 0.751448
Iteration 6, loss = inf
Validation score: 0.796380
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.811022
Iteration 2, loss = inf
Validation score: 0.775101
Iteration 3, loss = inf
Validation score: 0.804948
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.778600
Iteration 2, loss = inf
Validation score: 0.819670
Iteration 3, loss = inf
Validation score: 0.757522
Iteration 4, loss = inf
Validation score: 0.809855
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.814200
Iteration 2, loss = inf
Validation score: 0.792317
Iteration 3, loss = inf
Validation score: 0.821842
Iteration 4, loss = inf
Validation score: 0.811746
Iteration 5, loss = inf
Validation score: 0.617096
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.748150
Iteration 2, loss = inf
Validation score: 0.776307
Iteration 3, loss = inf
Validation score: 0.785961
Iteration 4, loss = inf
Validation score: 0.809171
Iteration 5, loss = inf
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Validation score: 0.794328
Iteration 6, loss = inf
Validation score: 0.802414
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.789300
Iteration 2, loss = inf
Validation score: 0.773813
Iteration 3, loss = inf
Validation score: 0.807924
Iteration 4, loss = inf
Validation score: 0.772084
Iteration 5, loss = inf
Validation score: 0.817015
Iteration 6, loss = inf
Validation score: 0.605752
Iteration 7, loss = inf
Validation score: 0.797627
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.753178
Iteration 2, loss = inf
Validation score: 0.787892
Iteration 3, loss = inf
Validation score: 0.602615
Iteration 4, loss = inf
Validation score: 0.752856
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.784272
Iteration 2, loss = inf
Validation score: 0.811786
Iteration 3, loss = inf
Validation score: 0.778278
Iteration 4, loss = inf
Validation score: 0.800241
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.789099
Iteration 2, loss = inf
Validation score: 0.774739
Iteration 3, loss = inf
Validation score: 0.798954
Iteration 4, loss = inf
Validation score: 0.752896
Iteration 5, loss = inf
Validation score: 0.813355
Iteration 6, loss = inf
Validation score: 0.766774
Iteration 7, loss = inf
Validation score: 0.758085
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
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Iteration 1, loss = inf
Validation score: 0.770877
Iteration 2, loss = inf
Validation score: 0.579726
Iteration 3, loss = inf
Validation score: 0.806315
Iteration 4, loss = inf
Validation score: 0.779043
Iteration 5, loss = inf
Validation score: 0.758286
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.764320
Iteration 2, loss = inf
Validation score: 0.781778
Iteration 3, loss = inf
Validation score: 0.823733
Iteration 4, loss = inf
Validation score: 0.659292
Iteration 5, loss = inf
Validation score: 0.816452
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.814159
Iteration 2, loss = inf
Validation score: 0.780732
Iteration 3, loss = inf
Validation score: 0.791593
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.765728
Iteration 2, loss = inf
Validation score: 0.812027
Iteration 3, loss = inf
Validation score: 0.814964
Iteration 4, loss = inf
Validation score: 0.667578
Iteration 5, loss = inf
Validation score: 0.822566
Iteration 6, loss = inf
Validation score: 0.808367
Iteration 7, loss = inf
Validation score: 0.823331
Iteration 8, loss = inf
Validation score: 0.805913
Iteration 9, loss = inf
Validation score: 0.761102
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.790949
Iteration 2, loss = inf
Validation score: 0.766251
Iteration 3, loss = inf
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Validation score: 0.376227
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.786846
Iteration 2, loss = inf
Validation score: 0.794610
Iteration 3, loss = inf
Validation score: 0.797466
Iteration 4, loss = inf
Validation score: 0.792237
Iteration 5, loss = inf
Validation score: 0.825825
Iteration 6, loss = inf
Validation score: 0.823331
Iteration 7, loss = inf
Validation score: 0.801247
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.411706
Iteration 2, loss = inf
Validation score: 0.386766
Iteration 3, loss = inf
Validation score: 0.783588
Iteration 4, loss = inf
Validation score: 0.758246
Iteration 5, loss = inf
Validation score: 0.792599
Iteration 6, loss = inf
Validation score: 0.815447
Iteration 7, loss = inf
Validation score: 0.818182
Iteration 8, loss = inf
Validation score: 0.785881
Iteration 9, loss = inf
Validation score: 0.773532
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.754747
Iteration 2, loss = inf
Validation score: 0.803540
Iteration 3, loss = inf
Validation score: 0.777273
Iteration 4, loss = inf
Validation score: 0.806557
Iteration 5, loss = inf
Validation score: 0.764964
Iteration 6, loss = inf
Validation score: 0.754747
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.382582
Iteration 2, loss = inf
Validation score: 0.814441
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Iteration 3, loss = inf
Validation score: 0.811142
Iteration 4, loss = inf
Validation score: 0.787007
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.381054
Iteration 2, loss = inf
Validation score: 0.761585
Iteration 3, loss = inf
Validation score: 0.778882
Iteration 4, loss = inf
Validation score: 0.748351
Iteration 5, loss = inf
Validation score: 0.771883
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.759976
Iteration 2, loss = inf
Validation score: 0.644288
Iteration 3, loss = inf
Validation score: 0.814883
Iteration 4, loss = inf
Validation score: 0.810901
Iteration 5, loss = inf
Validation score: 0.803258
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.373974
Iteration 2, loss = inf
Validation score: 0.794730
Iteration 3, loss = inf
Validation score: 0.801207
Iteration 4, loss = inf
Validation score: 0.782944
Iteration 5, loss = inf
Validation score: 0.799075
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.781215
Iteration 2, loss = inf
Validation score: 0.747949
Iteration 3, loss = inf
Validation score: 0.659171
Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.816895
Iteration 2, loss = inf
Validation score: 0.743805
Iteration 3, loss = inf
Validation score: 0.810056
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Validation score did not improve more than tol=0.000000 for 1 consecutive
epochs. Stopping.
Iteration 1, loss = inf
Validation score: 0.748270
Iteration 2, loss = inf
Validation score: 0.778198
Iteration 3, loss = inf
Validation score: 0.775342
Iteration 4, loss = inf
Validation score: 0.627273
Validation score did not improve more than tol=0.000000 for 1 consecutive
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correct: 2899
wrong: 1101
Accuracy: 0.72 (+/- 0.02) [Multi Layers Perceptron]
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model loss

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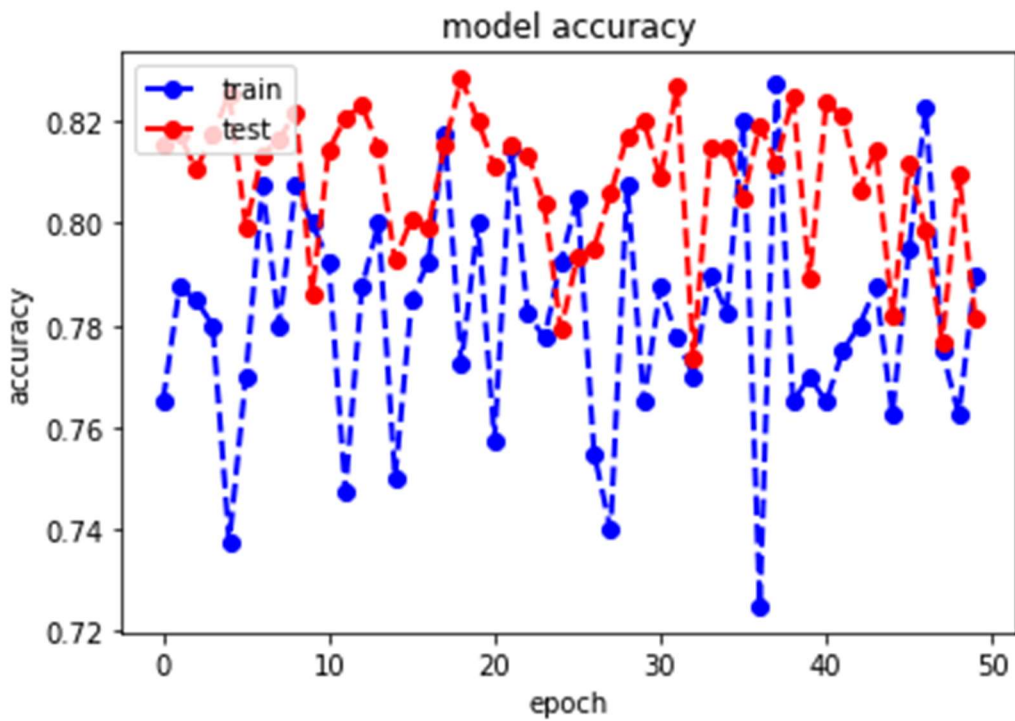
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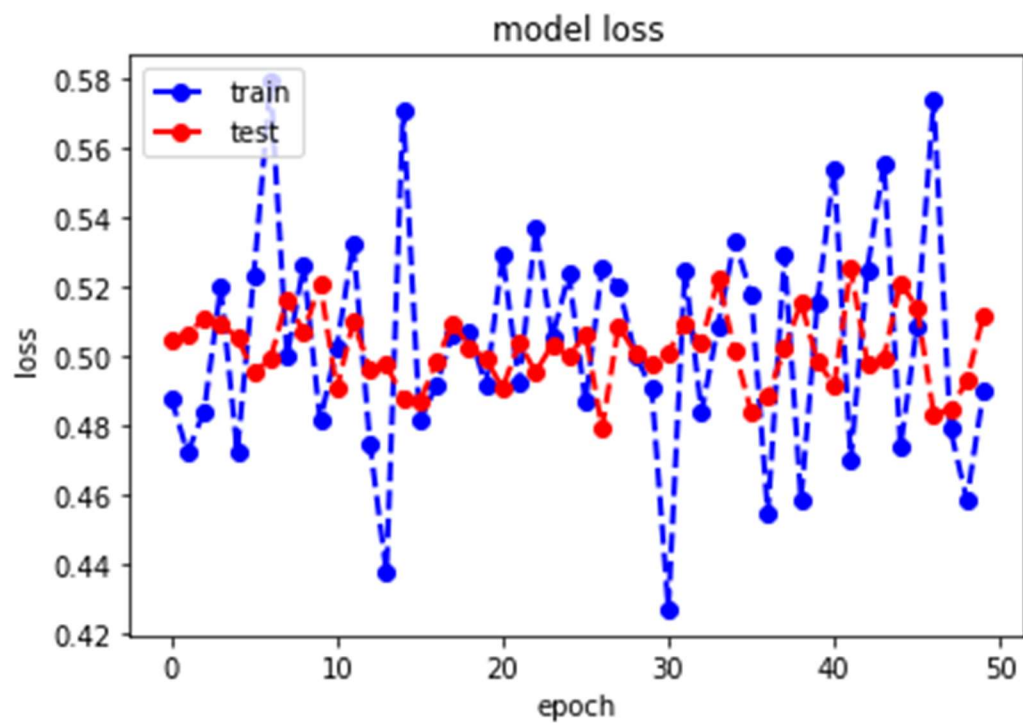
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correct: 3998
wrong: 2
Accuracy: 1.00 (+/- 0.01) [Random Forest]
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model accuracy

model loss

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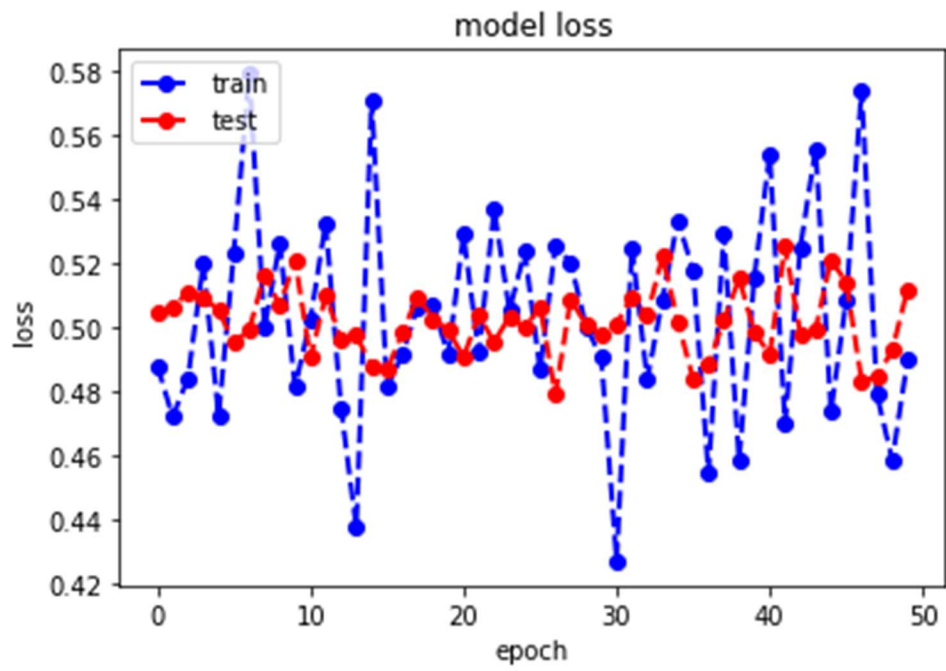
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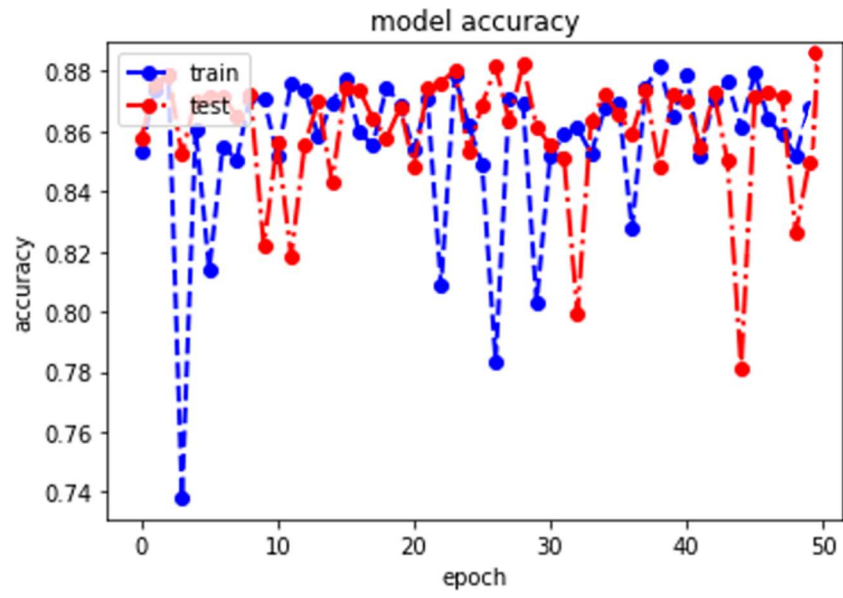
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1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
1.0  1.0
0.0  0.0
1.0  1.0
0.0  0.0
1.0  1.0
1.0  1.0
0.0  0.0
1.0  1.0
0.0  0.0
0.0  0.0
0.0  0.0
0.0  0.0
1.0  1.0
1.0  1.0
0.0  0.0
0.0  0.0
0.0  0.0
1.0  1.0
0.0  0.0
1.0  1.0
0.0  0.0
1.0  1.0
1.0  1.0
1.0  1.0
0.0  0.0
0.0  0.0
1.0  1.0
```

```
1.0 1.0
correct: 3998
wrong: 3
Accuracy: 1.00 (+/- 0.03) [Stacking Classifier]
```


model accuracy

model accuracy