```
1 D:\Anaconda\python.exe D:/code/seq2vec/main.py
 2 D:\Anaconda\lib\site-packages\h5py\ init .py:36:
   FutureWarning: Conversion of the second argument of
   issubdtype from `float` to `np.floating` is deprecated
   . In future, it will be treated as `np.float64 == np.
   dtype(float).type`.
    from ._conv import register_converters as
   register converters
4 Using TensorFlow backend.
5 D:\Anaconda\lib\site-packages\tensorflow\python\
   framework\dtypes.py:523: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
  type, (1,)) / '(1,)type'.
     _np_qint8 = np.dtype([("qint8", np.int8, 1)])
7 D:\Anaconda\lib\site-packages\tensorflow\python\
   framework\dtypes.py:524: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
  type, (1,)) / '(1,)type'.
     _np_quint8 = np.dtype([("quint8", np.uint8, 1)])
9 D:\Anaconda\lib\site-packages\tensorflow\python\
  framework\dtypes.py:525: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
  type, (1,)) / '(1,)type'.
     _np_qint16 = np.dtype([("qint16", np.int16, 1)])
10
11 D:\Anaconda\lib\site-packages\tensorflow\python\
   framework\dtypes.py:526: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
  type, (1,)) / '(1,)type'.
    _np_quint16 = np.dtype([("quint16", np.uint16, 1)])
12
13 D:\Anaconda\lib\site-packages\tensorflow\python\
   framework\dtypes.py:527: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
  type, (1,)) / '(1,)type'.
     np_qint32 = np.dtype([("qint32", np.int32, 1)])
14
15 D:\Anaconda\lib\site-packages\tensorflow\python\
   framework\dtypes.py:532: FutureWarning: Passing (type
   , 1) or '1type' as a synonym of type is deprecated; in
    a future version of numpy, it will be understood as (
```

15 type, (1,)) / '(1,)type'. np_resource = np.dtype([("resource", np.ubyte, 1)]) 17 D:\Anaconda\lib\site-packages\sklearn\ensemble\ weight boosting.py:29: DeprecationWarning: numpy.core. umath tests is an internal NumPy module and should not be imported. It will be removed in a future NumPy release. from numpy.core.umath_tests import inner1d 18 19 WARNING:tensorflow:From D:\Anaconda\lib\site-packages\ keras\backend\tensorflow backend.py:1188: calling reduce sum (from tensorflow.python.ops.math ops) with keep dims is deprecated and will be removed in a future version. 20 Instructions for updating: 21 keep_dims is deprecated, use keepdims instead 22 WARNING:tensorflow:From D:\Anaconda\lib\site-packages\ keras\backend\tensorflow backend.py:1290: calling reduce_mean (from tensorflow.python.ops.math_ops) with keep dims is deprecated and will be removed in a future version. 23 Instructions for updating: 24 keep_dims is deprecated, use keepdims instead 25 RPI1807 data 26 fold 0 27 SVM 28 0.9568567026194145 0.946524064171123 0. 9779005524861878 0.9303135888501742 0.9128120097668994 30 AdaBoost 31 0.9445300462249615 0.9478021978021978 0. 9530386740331491 0.9337979094076655 0.8874945851109061 33 Random forest 34 0.9707241910631741 0.9724517906336089 0. 9751381215469613 0.9651567944250871 0.9406390246038757 36 fold 1

37	SVM
38	0.9537750385208013 0.9486486486486 0.
	9696132596685083 0.9337979094076655 0.9063119899976015
39	
-	
10	AdaBoost
_	0.9506933744221879 0.9532967032967034 0.
41	9585635359116023 0.9407665505226481 0.8999973578457896
42	9303033339110023 0.940/003303220401 0.099999/33/043/090
42	
	Random forest
44	0.9722650231124808 0.9751381215469613 0.
	9751381215469613 0.9686411149825784 0.9437792365295398
45	
46	fold 2
47	SVM
48	0.9553158705701078 0.9414893617021277 0.
	9806094182825484 0.923611111111111 0.910015861003242
49	
50	AdaBoost
51	0.9460708782742681 0.9502762430939227 0.
	9529085872576177 0.9375 0.8907256339918661
52	
53	Random forest
	0.9722650231124808 0.9673024523160763 0.
5 -	9833795013850416 0.958333333333334 0.943866882091287
55	
رر	
E 6	fold 3
	SVM
58	0.9506172839506173 0.9506849315068493 0.
- ^	961218836565097 0.9372822299651568 0.8998569935723386
59	

59	
60	AdaBoost
61	0.944444444444444 0.9452054794520548 0.
	9556786703601108 0.9303135888501742 0.
	8873293092240155
62	
02	
62	Random forest
	0.9753086419753086 0.9726027397260274 0.
04	
	9833795013850416 0.9651567944250871 0.
	9499677309656313
65	
66	fold 4
67	SVM
68	0.9614197530864198 0.9540540540540541 0.
	9778393351800554 0.9407665505226481 0.
	9219354465393653
69	
0,5	
70	AdaBoost
_	0.9490740740741 0.9606741573033708 0.
/ 1	
	9473684210526315 0.9512195121951219 0.
	8970955594338563
72	
73	Random forest
74	0.9783950617283951 0.9727520435967303 0.
	9889196675900277 0.9651567944250871 0.
	0-400400-44-00-
	9562942374453077
75	
75	
75	
76	mean performance of svm using kmer feature
76	mean performance of svm using kmer feature [0.95559693 0.94828021 0.97343628 0.93315428 0.
76 77	mean performance of svm using kmer feature [0.95559693 0.94828021 0.97343628 0.93315428 0.91018646]
76	mean performance of svm using kmer feature [0.95559693 0.94828021 0.97343628 0.93315428 0.91018646]
76 77	mean performance of svm using kmer feature [0.95559693 0.94828021 0.97343628 0.93315428 0.91018646]

79 mean performance of AdaBoost using kmer feature
80 <module 'd:\\anaconda\\lib\\site-<="" 'numpy'="" from="" td=""></module>
packages\\numpy\\initpy'> [0.94696256 0.95145096
0.95351158 0.93871951 0.89252849]
81
82 mean performance of Random forest using kmer feature
83 [0.97379159 0.97204943 0.98119098 0.96448897 0.
94690942]
84
85
86 Process finished with exit code 0
87