```
1  ssh://root@103.254.67.181:10006/usr/bin/python -u /home/sunfengzhen/pycharm/dadi_typhoon/run.py
2  Using TensorFlow backend.
3  ################work mode test ####################
4  hello world
5  ********test_predict***********
6  #######linear move#######
7  test_size 2
8  len id_lists 8
9  id_lists
10 ['1', '2', '3', '4', '10', '11', '12', '20']
11 predict1.shape (8, 4, 2)
12 predict1[0,0,:]
13  [ 229.75 1207.65]
14 #######lstm model#######
15 test_size 2
16 len id_lists 8
17 id_lists
18 ['1', '2', '3', '4', '10', '11', '12', '20']
19 type typhoon_seq <type 'numpy.ndarray'>
20 typhoon_seq.shape (8, 4, 5)
21 ###############model predict##############
22 load the trained model
23 2019-10-14 07:07:12.657222: I tensorflow/core/platform/cpu_feature_guard.cc:141] Your CPU supports
   instructions that this TensorFlow binary was not compiled to use: AVX2 FMA
24 2019-10-14 07:07:13.631982: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1432] Found device 0 with
   properties:
25 name: GeForce GTX 1080 Ti major: 6 minor: 1 memoryClockRate(GHz): 1.582
26 pciBusID: 0000:82:00.0
27 totalMemory: 10.92GiB freeMemory: 10.76GiB
28 2019-10-14 07:07:13.632036: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1511] Adding visible gpu
   devices: 0
29 2019-10-14 07:07:13.996654: I tensorflow/core/common_runtime/gpu/gpu_device.cc:982] Device interconnect
   StreamExecutor with strength 1 edge matrix:
30 2019-10-14 07:07:13.996726: I tensorflow/core/common_runtime/gpu/gpu_device.cc:988]      0
31 2019-10-14 07:07:13.996737: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1001] 0:   N
32 2019-10-14 07:07:13.997120: I tensorflow/core/common_runtime/gpu/gpu_device.cc:1115] Created TensorFlow
   device (/job:localhost/replica:0/task:0/device:GPU:0 with 10409 MB memory) -> physical GPU (device: 0,
   name: GeForce GTX 1080 Ti, pci bus id: 0000:82:00.0, compute capability: 6.1)
33 predict2.shape (8, 4, 2)
34 predict2[0,0,:]
35  [ 254.81062 1228.0585 ]
36 predict.shape (8, 4, 2)
37 predict
38 [[[ 254.81062317 1228.05847168]
39   [ 270.57189941 1218.2220459 ]
40   [ 285.76483154 1216.33996582]
41   [ 297.34234619 1219.90393066]]
42
43  [[ 254.81062317 1228.05847168]
44   [ 270.57189941 1218.2220459 ]
45   [ 286.36279297 1217.3371582 ]
46   [ 298.29284668 1221.50537109]]
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77   result/result.csv has been saved!
78   draw_predict/ID_001_route.jpg haved been ploted !
79   draw_predict/ID_002_route.jpg haved been ploted !
80   draw_predict/ID_003_route.jpg haved been ploted !
81   draw_predict/ID_004_route.jpg haved been ploted !
82   draw_predict/ID_005_route.jpg haved been ploted !
83   draw_predict/ID_006_route.jpg haved been ploted !
84   draw_predict/ID_007_route.jpg haved been ploted !
85   draw_predict/ID_008_route.jpg haved been ploted !

86

87   Process finished with exit code 0

88
```