final.SVM.sinc.results0.txt

============ CV Score ============

C 0.03125, epsilon 0.0, gamma 3.0517578125e-05. Testing set CV score: -0.216890

C 0.03125, epsilon 0.0, gamma 2.0. Testing set CV score: 0.052094

C 0.125, epsilon 0.0, gamma 2.0. Testing set CV score: 0.066389

*..

Warning: using -h 0 may be faster

*

optimization finished, #iter = 2623

obj = -1.081123, rho = -0.030771

nSV = 793, nBSV = 241

============ E_out in Training ============

Training set score: 0.999654

============ Testing Set Score ============

Testing set score: 0.998651

final.SVM.sinc.results1.txt

============ CV Score ============

C 0.03125, epsilon 0.0, gamma 3.0517578125e-05. Testing set CV score: -0.558361

C 0.03125, epsilon 0.0, gamma 0.00048828125. Testing set CV score: -0.543054

C 0.125, epsilon 0.0, gamma 2.0. Testing set CV score: -0.522815

C 0.5, epsilon 0.0, gamma 0.0001220703125. Testing set CV score: -0.519460

C 0.5, epsilon 0.0, gamma 2.0. Testing set CV score: -0.498454

C 8.0, epsilon 0.0, gamma 0.5. Testing set CV score: -0.229096

C 32.0, epsilon 0.0, gamma 0.5. Testing set CV score: -0.030411

C 128.0, epsilon 0.0, gamma 0.5. Testing set CV score: -0.001866

C 512.0, epsilon 0.0, gamma 0.5. Testing set CV score: -0.001832

.....*...*

optimization finished, #iter = 70479

obj = -5.411152, rho = -0.033465

nSV = 847, nBSV = 0

============ E_out in Training ============

Training set score: 0.999999

============ Testing Set Score ============

Testing set score: 0.999981

final.SVM.dig.results0.txt

```
============ CV Score ============

BEST! -> C 64.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.300746

_____

BEST! -> C 64.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.310104

_____

C 64.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.302810
BEST! -> C 64.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.323933

_____

C 64.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.323445
C 64.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.304285
C 64.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.309371
C 64.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.319010
BEST! -> C 64.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.325050

_____

C 64.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.324091
C 64.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.303406
C 64.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.314124
C 64.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.324296
BEST! -> C 64.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.327599

_____

C 64.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.324234
C 64.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.307499
C 64.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.313521
C 64.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.322736
BEST! -> C 64.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.330599

_____

C 64.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.317745
C 64.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.309450
C 64.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.317798
C 64.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.323247
C 64.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.321338
C 64.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.329219
C 64.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.311651
C 64.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.320332
```

```
C 64.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.323153
BEST! -> C 64.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.331902
_____
C 64.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.328751
C 64.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.315675
C 64.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.320102
C 64.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.326585
C 64.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.331891
C 64.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.327456
C 64.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.317368
C 64.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.322450
C 64.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.327138
C 64.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.330352
C 64.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.327885
C 64.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.316498
C 64.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.321991
C 64.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.331192
C 64.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.330986
C 64.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.326065
C 64.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.319376
C 64.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.323540
C 64.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.329601
C 64.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.325391
C 64.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.322518
C 64.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.317126
C 64.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.324781
C 64.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.323656
C 64.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.331206
C 64.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.320978
C 64.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.319041
C 64.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.322254
C 64.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.330401
C 64.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.321672
C 64.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.320577
C 64.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.318381
C 64.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.323298
```

```
C 64.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.325996

C 64.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.329667

C 64.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.317093

C 64.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.319283

C 64.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.319990

C 64.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.331780

C 64.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.328335

C 64.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.317321

C 64.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.319353

C 64.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.321825

BEST! -> C 64.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.332263

_____

C 64.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.314076

C 64.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.311304

C 64.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.320234

C 64.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.323463

BEST! -> C 64.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.334010

_____

C 64.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.317421

C 64.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.306075

C 64.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.316795

C 64.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.316946

C 64.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.333351

C 64.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.319737

C 64.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.305300

C 64.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.319702

C 64.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.321180

C 64.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.332548

C 64.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.311954

C 64.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.302959

C 64.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.315884

C 64.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.319420

C 64.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.322500

C 64.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.306550

C 64.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.298543

C 64.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315003
```

```
C 64.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.321228
C 64.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.326893
C 64.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.298808
C 64.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.293084
C 64.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.314644
C 64.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.318039
C 64.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.324387
C 64.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.295985
C 64.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.280748
C 128.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.298828
C 128.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.313734
C 128.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.320302
C 128.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.322328
C 128.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.320113
C 128.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.303920
C 128.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.315255
C 128.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.320894
C 128.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.326339
C 128.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.311352
C 128.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.306981
C 128.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.317264
C 128.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.326490
C 128.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.316438
C 128.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.325011
C 128.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.297146
C 128.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.318547
C 128.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.324775
C 128.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.329595
C 128.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.329924
C 128.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.312483
C 128.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.320088
C 128.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.328965
C 128.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.329836
C 128.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.325239
C 128.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.314541
C 128.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.320579
```

```
C 128.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.330164
C 128.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.328244
C 128.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.327664
C 128.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.316044
C 128.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.320570
C 128.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.331248
BEST! -> C 128.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.334839

_____

C 128.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.330535
C 128.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.315948
C 128.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.322938
C 128.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.320277
C 128.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.333037
C 128.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.327897
C 128.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.316364
C 128.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.322731
C 128.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.329493
C 128.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.332462
C 128.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.325919
C 128.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.319891
C 128.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.323248
C 128.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.332156
C 128.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.329198
C 128.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.328211
C 128.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.320902
C 128.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.322535
C 128.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.330352
C 128.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.331198
C 128.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.320993
C 128.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.320887
C 128.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.321170
BEST! -> C 128.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.335387

_____

C 128.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329545
C 128.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.321770
C 128.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.321831
```

```
C 128.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.323027
BEST! -> C 128.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.336271
_____
C 128.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.319111
C 128.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.320415
C 128.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.316876
C 128.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.324959
C 128.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.334349
C 128.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.316938
C 128.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.317901
C 128.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.318815
C 128.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.326226
C 128.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.331180
C 128.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.326641
C 128.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.320063
C 128.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.320730
C 128.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.322931
C 128.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.333901
C 128.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.321471
C 128.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.304586
C 128.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.318742
C 128.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.323668
C 128.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.331162
C 128.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.315628
C 128.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.308260
C 128.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.317897
C 128.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.314792
C 128.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.332407
C 128.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.311058
C 128.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.298256
C 128.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.316509
C 128.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.320986
C 128.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.332363
C 128.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.307865
C 128.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.300449
C 128.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315185
```

```
C 128.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.321215
C 128.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.326553
C 128.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.300076
C 128.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.292981
C 128.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.314253
C 128.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.318004
C 128.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.323196
C 128.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.291284
C 128.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.280024
C 256.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.302960
C 256.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.317729
C 256.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.321957
C 256.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.327276
C 256.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.319668
C 256.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.303820
C 256.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.318871
C 256.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.325965
C 256.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.328455
C 256.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.321637
C 256.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.308223
C 256.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.316028
C 256.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.326137
C 256.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.325970
C 256.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.321891
C 256.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.310702
C 256.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.322540
C 256.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.328913
C 256.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.326603
C 256.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.322793
C 256.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.314282
C 256.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321253
C 256.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.328879
C 256.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.326227
C 256.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.322662
C 256.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.312765
C 256.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.322491
```

```
C 256.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.331195
C 256.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.323721
C 256.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.325659
C 256.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.318326
C 256.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.325010
C 256.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.331533
C 256.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.330062
C 256.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.325883
C 256.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.316675
C 256.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.322032
C 256.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.331947
C 256.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.330833
C 256.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.326645
C 256.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.316423
C 256.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.322246
C 256.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.333427
C 256.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.332081
C 256.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.323115
C 256.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.319217
C 256.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.324068
C 256.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.326738
C 256.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.334556
C 256.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.323888
C 256.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.316508
C 256.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.324218
C 256.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.334046
C 256.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.330283
C 256.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.323025
C 256.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.318285
C 256.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.325782
C 256.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.331572
C 256.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329331
C 256.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.319074
C 256.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.317238
C 256.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.323378
C 256.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.332686
```

```
C 256.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.330311
C 256.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.318164
C 256.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.320065
C 256.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.325980
C 256.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.331544
C 256.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.326601
C 256.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.322773
C 256.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.315548
C 256.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.326140
C 256.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.327050
C 256.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.314007
C 256.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.313251
C 256.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.318806
C 256.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.327178
C 256.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.328201
C 256.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.321282
C 256.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.317103
C 256.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.320611
C 256.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.326970
C 256.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.326085
C 256.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.316587
C 256.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.315762
C 256.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.319505
C 256.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.323558
C 256.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.317491
C 256.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.311324
C 256.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.305068
C 256.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.316236
C 256.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.325983
C 256.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.311827
C 256.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.306209
C 256.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.305679
C 256.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315392
C 256.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.314372
C 256.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.320596
C 256.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.303095
```

```
C 256.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.295398
C 256.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.315427
C 256.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.314721
C 256.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.309650
C 256.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.294504
C 256.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.281223
C 512.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.305505
C 512.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.316111
C 512.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.325825
C 512.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.318737
C 512.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.316216
C 512.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.291150
C 512.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.318459
C 512.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.325094
C 512.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.323348
C 512.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.318775
C 512.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.311504
C 512.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.322796
C 512.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.325735
C 512.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.323150
C 512.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.310374
C 512.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.311156
C 512.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.319791
C 512.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.327282
C 512.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.327518
C 512.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.313223
C 512.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.304162
C 512.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.322692
C 512.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.330340
C 512.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.328389
C 512.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.323657
C 512.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.316008
C 512.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.324940
C 512.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.330716
C 512.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.332356
C 512.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.325547
```

```
C 512.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.318416
C 512.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.324947
C 512.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.323720
C 512.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.328169
C 512.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.325899
C 512.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.312859
C 512.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.324946
C 512.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.328800
C 512.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.328445
C 512.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.324301
C 512.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.320004
C 512.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.326040
C 512.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.331698
C 512.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.332106
C 512.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.324908
C 512.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.320172
C 512.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.323315
C 512.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.328459
C 512.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.328067
C 512.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.314844
C 512.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.318845
C 512.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.326565
C 512.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.325468
C 512.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.327691
C 512.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.323405
C 512.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.322607
C 512.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.325973
C 512.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.331024
C 512.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329692
C 512.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.309904
C 512.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.321336
C 512.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.327981
C 512.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.328341
C 512.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.328314
C 512.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.315710
C 512.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.322776
```

```
C 512.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.321353
C 512.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.325306
C 512.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.326819
C 512.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.315448
C 512.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.322325
C 512.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.328906
C 512.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.323455
C 512.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.321902
C 512.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.311119
C 512.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.320807
C 512.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.329843
C 512.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.321493
C 512.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.314650
C 512.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.309273
C 512.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.319075
C 512.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.329945
C 512.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.320367
C 512.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.318892
C 512.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.308168
C 512.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.318173
C 512.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.329672
C 512.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.319715
C 512.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.315279
C 512.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.304940
C 512.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.318922
C 512.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.326645
C 512.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.311983
C 512.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.310482
C 512.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.295328
C 512.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315278
C 512.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.326382
C 512.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.303578
C 512.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.305156
C 512.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.289062
C 512.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.314023
C 512.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.323465
```

```
C 512.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.300623
C 512.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.297939
C 512.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.283625
C 1024.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.307786
C 1024.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.319519
C 1024.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.322389
C 1024.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.304946
C 1024.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.303463
C 1024.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.312656
C 1024.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.319454
C 1024.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.320976
C 1024.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.321149
C 1024.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.318798
C 1024.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.315742
C 1024.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.321122
C 1024.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.324353
C 1024.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.312630
C 1024.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.324459
C 1024.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.303987
C 1024.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.320147
C 1024.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.330701
C 1024.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.323742
C 1024.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.320381
C 1024.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.307257
C 1024.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.322640
C 1024.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.328490
C 1024.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.326910
C 1024.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.323785
C 1024.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.319496
C 1024.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.324580
C 1024.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.328679
C 1024.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.327968
C 1024.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.324725
C 1024.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.321328
C 1024.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.318058
C 1024.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.329930
```

```
C 1024.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.329082
C 1024.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.316692
C 1024.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.321146
C 1024.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.324071
C 1024.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.332213
C 1024.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.330881
C 1024.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.324680
C 1024.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.322227
C 1024.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.329437
C 1024.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.329769
C 1024.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.330606
C 1024.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.322311
C 1024.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.322291
C 1024.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.324945
C 1024.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.325287
C 1024.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.334424
C 1024.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.325087
C 1024.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.319453
C 1024.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.326019
C 1024.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.332319
C 1024.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.327362
C 1024.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.320066
C 1024.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.324843
C 1024.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.323260
C 1024.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.331089
C 1024.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.330028
C 1024.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.319417
C 1024.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.322938
C 1024.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.328208
C 1024.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.329864
C 1024.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.328110
C 1024.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.317501
C 1024.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.323208
C 1024.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.328115
C 1024.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.330422
C 1024.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.325134
```

```
C 1024.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.315803
C 1024.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.324308
C 1024.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.330716
C 1024.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.327285
C 1024.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.327920
C 1024.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.312426
C 1024.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.320133
C 1024.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.331433
C 1024.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.312933
C 1024.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.318254
C 1024.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.307995
C 1024.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.321729
C 1024.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.330468
C 1024.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.322148
C 1024.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.317122
C 1024.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.305992
C 1024.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.320535
C 1024.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.330614
C 1024.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.320219
C 1024.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.312882
C 1024.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.299969
C 1024.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.318512
C 1024.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.323761
C 1024.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.312301
C 1024.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.305007
C 1024.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.294253
C 1024.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.319181
C 1024.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.331385
C 1024.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.305048
C 1024.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.297958
C 1024.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.286204
C 1024.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.315450
C 1024.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.325996
C 1024.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.301946
C 1024.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.297281
C 1024.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.279357
```

```
C 2048.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.312014
C 2048.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.317514
C 2048.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.319657
C 2048.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.321779
C 2048.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.315249
C 2048.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.314900
C 2048.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.317296
C 2048.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.322823
C 2048.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.319167
C 2048.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.315149
C 2048.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.317130
C 2048.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.321106
C 2048.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.323044
C 2048.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.321986
C 2048.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.320020
C 2048.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.318283
C 2048.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.325220
C 2048.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.325168
C 2048.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.313796
C 2048.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.320142
C 2048.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.320369
C 2048.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321200
C 2048.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.326467
C 2048.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.326243
C 2048.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.323536
C 2048.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.319404
C 2048.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.319737
C 2048.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.328149
C 2048.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.331452
C 2048.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.324429
C 2048.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.320182
C 2048.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.322098
C 2048.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.333322
C 2048.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.328467
C 2048.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.324488
C 2048.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.323191
```

```
C 2048.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.329399
C 2048.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.324135
C 2048.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.330248
C 2048.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.326330
C 2048.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.322313
C 2048.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.328623
C 2048.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.333148
C 2048.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.330157
C 2048.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.323092
C 2048.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.323874
C 2048.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.328500
C 2048.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.332075
C 2048.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.329758
C 2048.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.321683
C 2048.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.322161
C 2048.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.329725
C 2048.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.333511
C 2048.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.334242
C 2048.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.322522
C 2048.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.322931
C 2048.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.330491
C 2048.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.333103
C 2048.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.333022
C 2048.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.321410
C 2048.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.326533
C 2048.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.331265
C 2048.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.323033
C 2048.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.327211
C 2048.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.317396
C 2048.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.319310
C 2048.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.331338
C 2048.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.328324
C 2048.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.325988
C 2048.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.317276
C 2048.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.324446
C 2048.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.334115
```

```
C 2048.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.328591

C 2048.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.328043

C 2048.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.317680

C 2048.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.323987

C 2048.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.334099

C 2048.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.328913

C 2048.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.318445

C 2048.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.305665

C 2048.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.323590

C 2048.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.335046

C 2048.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.326452

C 2048.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.309935

C 2048.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.303134

C 2048.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.324332

C 2048.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.333003

C 2048.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.318849

C 2048.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.311527

C 2048.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.299822

C 2048.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.320840

C 2048.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.332174

C 2048.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.315407

C 2048.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.306601

C 2048.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.297442

C 2048.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.322348

C 2048.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.328490

C 2048.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.309926

C 2048.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.302295

C 2048.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.285282

C 2048.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.318638

C 2048.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.322019

C 2048.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.308451

C 2048.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.296517

C 2048.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.275315

C 4096.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.316199

C 4096.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.319158

C 4096.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.319313
```

```
C 4096.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.303243
C 4096.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.313579
C 4096.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.317416
C 4096.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.320869
C 4096.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.320661
C 4096.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.321906
C 4096.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.321257
C 4096.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.319371
C 4096.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.324083
C 4096.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.320631
C 4096.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.319417
C 4096.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.320087
C 4096.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.320927
C 4096.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.318559
C 4096.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.323909
C 4096.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.321199
C 4096.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.319870
C 4096.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.322827
C 4096.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.319160
C 4096.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.324566
C 4096.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.325723
C 4096.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.322551
C 4096.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.322020
C 4096.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.321426
C 4096.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.327165
C 4096.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.327744
C 4096.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.313727
C 4096.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.323570
C 4096.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.327488
C 4096.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.320896
C 4096.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.332174
C 4096.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.323871
C 4096.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.324611
C 4096.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.326667
C 4096.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.329684
C 4096.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.328886
```

```
C 4096.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.326430
C 4096.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.319630
C 4096.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.331308
BEST! -> C 4096.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.336943

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C 4096.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.329283
C 4096.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.323231
C 4096.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.326880
C 4096.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.332689
C 4096.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.333819
C 4096.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.328425
C 4096.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.322193
C 4096.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.325172
C 4096.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.325645
C 4096.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.334637
C 4096.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.327035
C 4096.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.321693
C 4096.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.320624
C 4096.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.335256
C 4096.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.336699
C 4096.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.331236
C 4096.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.315774
C 4096.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.326628
C 4096.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.334964
C 4096.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.333125
C 4096.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.325246
C 4096.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.312884
C 4096.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.323865
C 4096.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.334909
C 4096.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.331255
C 4096.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.319260
C 4096.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.311285
C 4096.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.320271
C 4096.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.330953
C 4096.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.328280
C 4096.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.318454
```

C 4096.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.317109

C 4096.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.328037

C 4096.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.329495

C 4096.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.328746

C 4096.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.318844

C 4096.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.305593

C 4096.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.318428

C 4096.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.329045

C 4096.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.327565

C 4096.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.313481

C 4096.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.304094

C 4096.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.324624

C 4096.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.327244

C 4096.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.323230

C 4096.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.308734

C 4096.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.298598

C 4096.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.315214

C 4096.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.318319

C 4096.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.323339

C 4096.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.301487

C 4096.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.290980

C 4096.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.323377

C 4096.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.306296

C 4096.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.310961

C 4096.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.299613

C 4096.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.288801

C 4096.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.319944

C 4096.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.303606

C 4096.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.306261

C 4096.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.290031

C 4096.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.276134

optimization finished, #iter = 604684

obj = -26731900.053213, rho = -68.674752

nSV = 3939, nBSV = 3926

=========== Final BEST ============

C 4096.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.336943

```
============ E_out in Training ============

Training set score: 0.347283

============ Testing Set Score ============

Testing set score: 0.322890
```

============ CV Score ============

BEST! -> C 64.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.301837

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BEST! -> C 64.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.310911

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C 64.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.302810

BEST! -> C 64.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.327782

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C 64.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.323216

C 64.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.300949

C 64.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.310706

C 64.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.319355

C 64.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.323565

C 64.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.325429

C 64.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.303406

C 64.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.314514

C 64.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.325381

C 64.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.325346

C 64.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.326498

C 64.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.308880

C 64.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.315794

C 64.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.324703

C 64.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.327099

C 64.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.325355

C 64.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.310364

C 64.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.315513

C 64.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.323247

BEST! -> C 64.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.331408

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C 64.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.326960

C 64.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.312646

C 64.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.316609

C 64.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.325436

BEST! -> C 64.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.332140

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C 64.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.328751

C 64.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.308598

C 64.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.320368

C 64.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.323630

C 64.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.331891

C 64.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.320517

C 64.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.318372

C 64.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.322450

C 64.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.325995

BEST! -> C 64.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.334236

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C 64.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.325801

C 64.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.316498

C 64.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.321532

C 64.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.328521

C 64.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.325442

C 64.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.325535

C 64.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.317407

C 64.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.321787

C 64.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.328451

C 64.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.330367

C 64.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.324486

C 64.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.319091

C 64.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.319732

C 64.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.323656

C 64.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.332154

C 64.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.324209

C 64.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.318067

C 64.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.323280

C 64.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.331998

C 64.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.330228

C 64.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.317230

C 64.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.319000

C 64.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.320946

C 64.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.332142

```
C 64.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.329667
C 64.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.318411
C 64.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.320824
C 64.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.321118
C 64.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.329473
C 64.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.324461
C 64.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.317468
C 64.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.318454
C 64.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.323784
C 64.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.331225
C 64.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.322853
C 64.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.311304
C 64.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.320234
C 64.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.324816
C 64.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.333640
C 64.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.319995
C 64.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.302096
C 64.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.311607
C 64.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.321662
C 64.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.330854
C 64.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.315836
C 64.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.305300
C 64.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.318297
C 64.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.322040
C 64.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.331649
C 64.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.310758
C 64.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.300720
C 64.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.317268
C 64.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.320555
C 64.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.330144
C 64.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.305705
C 64.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.298017
C 64.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.316991
C 64.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.319089
C 64.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.321991
C 64.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.298956
```

```
C 64.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.299317
C 64.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.311755
C 64.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.318039
C 64.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.322721
C 64.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.295985
C 64.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.283891
C 128.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.298932
C 128.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.314100
C 128.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.322325
C 128.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.322584
C 128.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.321442
C 128.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.300986
C 128.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.314981
C 128.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.308407
C 128.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.323239
C 128.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.321454
C 128.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.306981
C 128.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.316686
C 128.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.324789
C 128.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.316438
C 128.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.323125
C 128.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.307844
C 128.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.306316
C 128.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.325755
C 128.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.328719
C 128.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.317127
C 128.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.309019
C 128.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321101
C 128.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.324079
C 128.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.321590
C 128.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.327472
C 128.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.314541
C 128.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.320579
C 128.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.330164
C 128.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.330610
C 128.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.330298
```

```
C 128.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.314641
C 128.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.319640
C 128.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.328849
BEST! -> C 128.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.334839

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C 128.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.324499
C 128.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.315468
C 128.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.316691
C 128.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.327864
C 128.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.329116
C 128.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.326242
C 128.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.313869
C 128.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.321666
C 128.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.322855
C 128.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.328798
C 128.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.325335
C 128.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.320670
C 128.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.325768
C 128.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.332156
C 128.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.330828
C 128.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.323509
C 128.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.317487
C 128.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.323800
C 128.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.331454
C 128.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.330254
C 128.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.326347
C 128.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.316563
C 128.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.324245
C 128.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.333929
C 128.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.321915
C 128.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.319131
C 128.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.316848
C 128.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.325909
BEST! -> C 128.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.334921

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C 128.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.328155
```

```
C 128.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.310490
C 128.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.316992
C 128.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.326223
C 128.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.331783
C 128.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.328403
C 128.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.316730
C 128.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.319585
C 128.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.324771
C 128.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.333741
C 128.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.320572
C 128.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.314482
C 128.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.318306
C 128.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.319181
C 128.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.333817
C 128.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.319291
C 128.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.310395
C 128.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.312796
C 128.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.317269
C 128.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.332338
C 128.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.316397
C 128.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.308260
C 128.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.317897
C 128.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.324256
C 128.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.332260
C 128.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.309267
C 128.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.304004
C 128.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.316494
C 128.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.321978
C 128.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.327491
C 128.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.306164
C 128.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.300554
C 128.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315185
C 128.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.320308
C 128.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.320249
C 128.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.299493
C 128.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.292981
```

```
C 128.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.313594
C 128.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.318814
C 128.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.320128
C 128.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.291669
C 128.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.288696
C 256.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.303093
C 256.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.317729
C 256.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.321957
C 256.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.321887
C 256.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.323942
C 256.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.304223
C 256.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.318871
C 256.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.323779
C 256.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.325691
C 256.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.320672
C 256.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.306655
C 256.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.316028
C 256.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.326567
C 256.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.315251
C 256.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.326849
C 256.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.308196
C 256.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.320283
C 256.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.325575
C 256.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.328092
C 256.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.324012
C 256.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.312339
C 256.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321724
C 256.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.328757
C 256.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.328761
C 256.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.326043
C 256.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.315528
C 256.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.314721
C 256.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.331195
C 256.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.330514
C 256.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.326572
C 256.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.316041
```

```
C 256.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.323463
C 256.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.330413
C 256.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.329057
C 256.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.317961
C 256.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.317611
C 256.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.325808
C 256.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.333010
C 256.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.329748
C 256.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.325145
C 256.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.315544
C 256.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.327351
C 256.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.329708
C 256.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.332633
C 256.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.324295
C 256.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.319189
C 256.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.327508
C 256.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.333074
C 256.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.329111
C 256.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.323413
C 256.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.318194
C 256.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.326928
C 256.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.333251
C 256.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.331586
C 256.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.323025
C 256.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.317175
C 256.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.323188
C 256.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.334808
C 256.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329320
C 256.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.325489
C 256.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.319806
C 256.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.326187
C 256.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.331453
C 256.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.327052
C 256.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.318164
C 256.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.321767
C 256.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.327556
```

```
C 256.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.327337
C 256.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.325751
C 256.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.322773
C 256.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.319785
C 256.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.326140
BEST! -> C 256.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.335034

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C 256.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.325519
C 256.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.319783
C 256.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.318191
C 256.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.319886
C 256.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.330541
C 256.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.318671
C 256.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.308982
C 256.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.316648
C 256.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.326263
C 256.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.326155
C 256.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.316403
C 256.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.308587
C 256.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.318465
C 256.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.325427
C 256.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.321726
C 256.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.316476
C 256.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.304470
C 256.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.316719
C 256.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.325827
C 256.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.315866
C 256.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.307806
C 256.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.300224
C 256.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.314097
C 256.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.321252
C 256.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.314478
C 256.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.300929
C 256.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.292067
C 256.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.312971
C 256.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.321562
```

```
C 256.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.309864
C 256.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.295616
C 256.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.295766
C 512.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.306247
C 512.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.318823
C 512.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.320185
C 512.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.325109
C 512.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.322523
C 512.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.309328
C 512.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.318459
C 512.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.325094
C 512.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.323661
C 512.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.316451
C 512.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.311504
C 512.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.320011
C 512.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.323853
C 512.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.324943
C 512.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.310374
C 512.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.314542
C 512.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.321556
C 512.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.326884
C 512.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.326094
C 512.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.322807
C 512.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.314684
C 512.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321970
C 512.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.331722
C 512.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.324841
C 512.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.323657
C 512.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.316636
C 512.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.322109
C 512.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.328704
C 512.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.328418
C 512.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.322461
C 512.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.311117
C 512.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.326105
C 512.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.330408
```

```
C 512.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.330720
C 512.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.326658
C 512.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.316881
C 512.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.325432
C 512.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.324534
C 512.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.322916
C 512.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.326490
C 512.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.317947
C 512.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.326040
C 512.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.327105
C 512.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.331444
C 512.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.316056
C 512.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.322434
C 512.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.321404
C 512.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.331270
C 512.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.334856
C 512.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.324690
C 512.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.320956
C 512.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.325963
C 512.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.332054
C 512.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.331588
C 512.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.319828
C 512.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.320093
C 512.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.327574
C 512.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.327171
C 512.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329747
C 512.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.319311
C 512.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.321336
C 512.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.329617
C 512.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.325674
C 512.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.331595
C 512.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.309921
C 512.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.317468
C 512.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.327862
C 512.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.324719
C 512.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.328066
```

```
C 512.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.313307
C 512.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.316322
C 512.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.327250
C 512.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.321164
C 512.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.316077
C 512.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.312471
C 512.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.321532
C 512.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.329137
C 512.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.317365
C 512.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.314650
C 512.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.308141
C 512.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.321268
C 512.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.328431
C 512.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.317793
C 512.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.322204
C 512.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.308168
C 512.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.318839
C 512.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.326940
C 512.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.307780
C 512.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.312481
C 512.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.302868
C 512.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.317112
C 512.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.326645
C 512.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.311983
C 512.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.310482
C 512.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.295089
C 512.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.315405
C 512.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.326751
C 512.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.308010
C 512.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.298333
C 512.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.289969
C 512.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.315634
C 512.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.324970
C 512.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.297409
C 512.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.291719
C 512.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.287420
```

```
C 1024.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.310874
C 1024.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.319519
C 1024.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.322389
C 1024.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.317802
C 1024.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.315061
C 1024.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.311202
C 1024.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.320564
C 1024.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.326738
C 1024.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.325395
C 1024.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.316708
C 1024.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.315024
C 1024.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.309928
C 1024.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.322343
C 1024.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.321418
C 1024.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.317594
C 1024.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.316748
C 1024.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.322936
C 1024.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.326253
C 1024.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.314851
C 1024.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.321772
C 1024.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.307257
C 1024.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.314879
C 1024.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.328490
C 1024.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.326910
C 1024.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.324073
C 1024.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.321094
C 1024.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.323480
C 1024.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.329990
C 1024.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.328273
C 1024.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.324631
C 1024.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.320296
C 1024.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.325955
C 1024.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.330059
C 1024.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.332678
C 1024.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.324335
C 1024.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.321146
```

```
C 1024.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.324741
C 1024.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.334652
C 1024.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.329078
C 1024.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.325823
C 1024.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.319406
C 1024.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.323490
C 1024.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.332851
C 1024.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.330606
C 1024.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.324712
C 1024.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.324485
C 1024.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.323883
C 1024.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.332312
C 1024.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.331657
C 1024.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.323613
C 1024.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.317542
C 1024.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.330478
C 1024.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.331770
C 1024.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.330903
C 1024.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.322097
C 1024.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.324843
C 1024.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.330630
C 1024.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.322952
C 1024.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.329670
C 1024.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.321631
C 1024.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.318606
C 1024.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.332022
C 1024.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.327261
C 1024.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.321458
C 1024.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.317427
C 1024.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.320602
C 1024.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.330409
C 1024.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.327687
C 1024.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.330209
C 1024.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.315741
C 1024.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.317436
C 1024.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.332008
```

```
C 1024.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.324721
C 1024.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.317368
C 1024.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.311116
C 1024.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.322552
C 1024.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.332110
C 1024.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.322960
C 1024.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.320217
C 1024.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.307995
C 1024.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.321729
C 1024.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.329222
C 1024.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.324314
C 1024.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.317038
C 1024.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.304978
C 1024.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.321993
C 1024.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.331691
C 1024.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.318970
C 1024.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.316003
C 1024.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.299969
C 1024.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.310220
C 1024.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.331345
C 1024.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.313484
C 1024.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.309434
C 1024.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.293171
C 1024.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.320718
C 1024.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.327205
C 1024.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.307014
C 1024.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.304040
C 1024.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.286204
C 1024.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.317280
C 1024.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.328037
C 1024.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.305489
C 1024.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.299475
C 1024.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.277748
C 2048.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.315592
C 2048.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.319150
C 2048.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.307841
```

```
C 2048.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.315791
C 2048.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.313753
C 2048.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.314463
C 2048.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.318135
C 2048.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.321062
C 2048.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.323479
C 2048.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.317937
C 2048.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.316249
C 2048.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.321958
C 2048.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.322847
C 2048.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.325353
C 2048.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.318378
C 2048.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.319682
C 2048.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.319447
C 2048.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.324993
C 2048.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.323764
C 2048.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.319353
C 2048.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.309437
C 2048.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.313969
C 2048.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.325490
C 2048.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.323212
C 2048.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.313431
C 2048.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.321220
C 2048.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.324556
C 2048.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.327994
C 2048.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.327688
C 2048.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.323924
C 2048.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.321105
C 2048.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.317251
C 2048.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.331106
C 2048.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.319113
C 2048.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.323313
C 2048.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.321169
C 2048.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.329399
C 2048.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.324135
C 2048.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.327508
```

```
C 2048.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.325667
C 2048.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.323051
C 2048.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.325838
C 2048.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.333306
C 2048.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.330916
C 2048.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.325357
C 2048.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.324119
C 2048.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.328500
BEST! -> C 2048.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.336523

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C 2048.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.330207
C 2048.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.321683
C 2048.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.322161
C 2048.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.331730
C 2048.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.331428
C 2048.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.329603
C 2048.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.312975
C 2048.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.324305
C 2048.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.331780
C 2048.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.330260
C 2048.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.328377
C 2048.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.319374
C 2048.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.326533
C 2048.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.333024
C 2048.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.331282
C 2048.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.319773
C 2048.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.317613
C 2048.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.324974
C 2048.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.334083
C 2048.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.321122
C 2048.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.324755
C 2048.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.315075
C 2048.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.325466
C 2048.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.332135
C 2048.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.330870
C 2048.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.317248
```

```
C 2048.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.312391
C 2048.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.324143
C 2048.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.333903
C 2048.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.328709
C 2048.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.313847
C 2048.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.305665
C 2048.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.323620
C 2048.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.334353
C 2048.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.327242
C 2048.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.314628
C 2048.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.304350
C 2048.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.320631
C 2048.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.334884
C 2048.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.320873
C 2048.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.309984
C 2048.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.298888
C 2048.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.320503
C 2048.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.333026
C 2048.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.309736
C 2048.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.303329
C 2048.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.294505
C 2048.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.318768
C 2048.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.329632
C 2048.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.309926
C 2048.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.302295
C 2048.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.291529
C 2048.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.318190
C 2048.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.325579
C 2048.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.303646
C 2048.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.293759
C 2048.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.275315
C 4096.0, epsilon 0.5, gamma 0.015625. Testing set CV score: 0.316662
C 4096.0, epsilon 0.5, gamma 0.03125. Testing set CV score: 0.318505
C 4096.0, epsilon 0.5, gamma 0.0625. Testing set CV score: 0.307055
C 4096.0, epsilon 0.5, gamma 0.125. Testing set CV score: 0.314690
C 4096.0, epsilon 0.5, gamma 0.25. Testing set CV score: 0.320040
```

```
C 4096.0, epsilon 0.6, gamma 0.015625. Testing set CV score: 0.316841
C 4096.0, epsilon 0.6, gamma 0.03125. Testing set CV score: 0.319299
C 4096.0, epsilon 0.6, gamma 0.0625. Testing set CV score: 0.309431
C 4096.0, epsilon 0.6, gamma 0.125. Testing set CV score: 0.317991
C 4096.0, epsilon 0.6, gamma 0.25. Testing set CV score: 0.315692
C 4096.0, epsilon 0.7, gamma 0.015625. Testing set CV score: 0.316711
C 4096.0, epsilon 0.7, gamma 0.03125. Testing set CV score: 0.319751
C 4096.0, epsilon 0.7, gamma 0.0625. Testing set CV score: 0.326200
C 4096.0, epsilon 0.7, gamma 0.125. Testing set CV score: 0.320500
C 4096.0, epsilon 0.7, gamma 0.25. Testing set CV score: 0.317800
C 4096.0, epsilon 0.8, gamma 0.015625. Testing set CV score: 0.318388
C 4096.0, epsilon 0.8, gamma 0.03125. Testing set CV score: 0.324621
C 4096.0, epsilon 0.8, gamma 0.0625. Testing set CV score: 0.328106
C 4096.0, epsilon 0.8, gamma 0.125. Testing set CV score: 0.312434
C 4096.0, epsilon 0.8, gamma 0.25. Testing set CV score: 0.321758
C 4096.0, epsilon 0.9, gamma 0.015625. Testing set CV score: 0.311705
C 4096.0, epsilon 0.9, gamma 0.03125. Testing set CV score: 0.321563
C 4096.0, epsilon 0.9, gamma 0.0625. Testing set CV score: 0.316313
C 4096.0, epsilon 0.9, gamma 0.125. Testing set CV score: 0.324934
C 4096.0, epsilon 0.9, gamma 0.25. Testing set CV score: 0.320366
C 4096.0, epsilon 1.0, gamma 0.015625. Testing set CV score: 0.320876
C 4096.0, epsilon 1.0, gamma 0.03125. Testing set CV score: 0.319284
C 4096.0, epsilon 1.0, gamma 0.0625. Testing set CV score: 0.331216
C 4096.0, epsilon 1.0, gamma 0.125. Testing set CV score: 0.327744
C 4096.0, epsilon 1.0, gamma 0.25. Testing set CV score: 0.323986
C 4096.0, epsilon 1.1, gamma 0.015625. Testing set CV score: 0.323106
C 4096.0, epsilon 1.1, gamma 0.03125. Testing set CV score: 0.324597
C 4096.0, epsilon 1.1, gamma 0.0625. Testing set CV score: 0.331263
C 4096.0, epsilon 1.1, gamma 0.125. Testing set CV score: 0.327867
C 4096.0, epsilon 1.1, gamma 0.25. Testing set CV score: 0.323871
C 4096.0, epsilon 1.2, gamma 0.015625. Testing set CV score: 0.325264
C 4096.0, epsilon 1.2, gamma 0.03125. Testing set CV score: 0.329016
C 4096.0, epsilon 1.2, gamma 0.0625. Testing set CV score: 0.331467
C 4096.0, epsilon 1.2, gamma 0.125. Testing set CV score: 0.329192
C 4096.0, epsilon 1.2, gamma 0.25. Testing set CV score: 0.324445
C 4096.0, epsilon 1.3, gamma 0.015625. Testing set CV score: 0.324746
```

```
C 4096.0, epsilon 1.3, gamma 0.03125. Testing set CV score: 0.328404
C 4096.0, epsilon 1.3, gamma 0.0625. Testing set CV score: 0.333054
C 4096.0, epsilon 1.3, gamma 0.125. Testing set CV score: 0.326912
C 4096.0, epsilon 1.3, gamma 0.25. Testing set CV score: 0.322330
C 4096.0, epsilon 1.4, gamma 0.015625. Testing set CV score: 0.326880
C 4096.0, epsilon 1.4, gamma 0.03125. Testing set CV score: 0.332684
C 4096.0, epsilon 1.4, gamma 0.0625. Testing set CV score: 0.326154
C 4096.0, epsilon 1.4, gamma 0.125. Testing set CV score: 0.329840
C 4096.0, epsilon 1.4, gamma 0.25. Testing set CV score: 0.313596
C 4096.0, epsilon 1.5, gamma 0.015625. Testing set CV score: 0.327015
C 4096.0, epsilon 1.5, gamma 0.03125. Testing set CV score: 0.332209
BEST! -> C 4096.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.337199

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C 4096.0, epsilon 1.5, gamma 0.125. Testing set CV score: 0.332093
C 4096.0, epsilon 1.5, gamma 0.25. Testing set CV score: 0.310998
C 4096.0, epsilon 1.6, gamma 0.015625. Testing set CV score: 0.327966
C 4096.0, epsilon 1.6, gamma 0.03125. Testing set CV score: 0.332944
C 4096.0, epsilon 1.6, gamma 0.0625. Testing set CV score: 0.333957
C 4096.0, epsilon 1.6, gamma 0.125. Testing set CV score: 0.324960
C 4096.0, epsilon 1.6, gamma 0.25. Testing set CV score: 0.309463
C 4096.0, epsilon 1.7, gamma 0.015625. Testing set CV score: 0.321865
C 4096.0, epsilon 1.7, gamma 0.03125. Testing set CV score: 0.333841
C 4096.0, epsilon 1.7, gamma 0.0625. Testing set CV score: 0.332373
C 4096.0, epsilon 1.7, gamma 0.125. Testing set CV score: 0.320710
C 4096.0, epsilon 1.7, gamma 0.25. Testing set CV score: 0.314014
C 4096.0, epsilon 1.8, gamma 0.015625. Testing set CV score: 0.323865
C 4096.0, epsilon 1.8, gamma 0.03125. Testing set CV score: 0.333357
C 4096.0, epsilon 1.8, gamma 0.0625. Testing set CV score: 0.334100
C 4096.0, epsilon 1.8, gamma 0.125. Testing set CV score: 0.320736
C 4096.0, epsilon 1.8, gamma 0.25. Testing set CV score: 0.311836
C 4096.0, epsilon 1.9, gamma 0.015625. Testing set CV score: 0.324098
C 4096.0, epsilon 1.9, gamma 0.03125. Testing set CV score: 0.330953
C 4096.0, epsilon 1.9, gamma 0.0625. Testing set CV score: 0.328280
C 4096.0, epsilon 1.9, gamma 0.125. Testing set CV score: 0.325647
C 4096.0, epsilon 1.9, gamma 0.25. Testing set CV score: 0.304696
C 4096.0, epsilon 2.0, gamma 0.015625. Testing set CV score: 0.328480
```

```
C 4096.0, epsilon 2.0, gamma 0.03125. Testing set CV score: 0.327605
C 4096.0, epsilon 2.0, gamma 0.0625. Testing set CV score: 0.330663
C 4096.0, epsilon 2.0, gamma 0.125. Testing set CV score: 0.310898
C 4096.0, epsilon 2.0, gamma 0.25. Testing set CV score: 0.307029
C 4096.0, epsilon 2.1, gamma 0.015625. Testing set CV score: 0.325797
C 4096.0, epsilon 2.1, gamma 0.03125. Testing set CV score: 0.329045
C 4096.0, epsilon 2.1, gamma 0.0625. Testing set CV score: 0.318067
C 4096.0, epsilon 2.1, gamma 0.125. Testing set CV score: 0.320567
C 4096.0, epsilon 2.1, gamma 0.25. Testing set CV score: 0.304094
C 4096.0, epsilon 2.2, gamma 0.015625. Testing set CV score: 0.325915
C 4096.0, epsilon 2.2, gamma 0.03125. Testing set CV score: 0.332270
C 4096.0, epsilon 2.2, gamma 0.0625. Testing set CV score: 0.322133
C 4096.0, epsilon 2.2, gamma 0.125. Testing set CV score: 0.309985
C 4096.0, epsilon 2.2, gamma 0.25. Testing set CV score: 0.295866
C 4096.0, epsilon 2.3, gamma 0.015625. Testing set CV score: 0.325161
C 4096.0, epsilon 2.3, gamma 0.03125. Testing set CV score: 0.322741
C 4096.0, epsilon 2.3, gamma 0.0625. Testing set CV score: 0.317927
C 4096.0, epsilon 2.3, gamma 0.125. Testing set CV score: 0.300998
C 4096.0, epsilon 2.3, gamma 0.25. Testing set CV score: 0.295527
C 4096.0, epsilon 2.4, gamma 0.015625. Testing set CV score: 0.322489
C 4096.0, epsilon 2.4, gamma 0.03125. Testing set CV score: 0.306296
C 4096.0, epsilon 2.4, gamma 0.0625. Testing set CV score: 0.307875
C 4096.0, epsilon 2.4, gamma 0.125. Testing set CV score: 0.299613
C 4096.0, epsilon 2.4, gamma 0.25. Testing set CV score: 0.290367
C 4096.0, epsilon 2.5, gamma 0.015625. Testing set CV score: 0.322708
C 4096.0, epsilon 2.5, gamma 0.03125. Testing set CV score: 0.305156
C 4096.0, epsilon 2.5, gamma 0.0625. Testing set CV score: 0.306261
C 4096.0, epsilon 2.5, gamma 0.125. Testing set CV score: 0.291277
C 4096.0, epsilon 2.5, gamma 0.25. Testing set CV score: 0.274304
optimization finished, #iter = 467878
obj = -23636280.263751, rho = -61.915382
nSV = 3654, nBSV = 3639
============ Final BEST ============
C 4096.0, epsilon 1.5, gamma 0.0625. Testing set CV score: 0.337199
============ E_out in Training ============
Training set score: 0.347368
```

```
============ Testing Set Score ============

Testing set score: 0.323711
```