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Marathon Match

Ex

Contest: **Marathon Match**
Problem: **ChildStuntedness**
Coder: **RigelFive**

0) Score: 0.0 Run Time: 119397 ms

Example Case:

Seed: 1

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points:  3707

-----
Mean Values from Training Data:
Type 1: 407      0.578687 0.540541 1.85749 0.0850496 0.593489 0.534142 0.639429 0.526052 0.529814 0.582309 0.0304992 0.64365
Type 2: 1515     0.580507 0.487789 1.84356 0.087011 0.598436 0.542577 0.644452 0.533423 0.537593 0.586969 0.0314781 0.64424
Type 3: 289      0.576497 0.49481 1.84429 0.0869361 0.591153 0.532771 0.6372 0.525195 0.527241 0.578433 0.0303995 0.637585 0.
Type 4: 1496     0.580132 0.483957 1.84158 0.087305 0.598329 0.542466 0.644307 0.533507 0.537531 0.586893 0.0314842 0.64563
-----
Min Values from Training Data:
Type 1: 407      0.21843 0 1 0.0361842 0.252926 0.19481 0.273631 0.186656 0.191805 0.160493 0.0124737 0.385913 0.392523
Type 2: 1515     0.16041 0 1 0.0164474 0.230342 0.187888 0.249478 0.179562 0.182526 0.142092 0.0115296 0.385913 0.358255
Type 3: 289      0.21843 0 1 0.0361842 0.252926 0.19481 0.273631 0.186656 0.191805 0.160493 0.0124737 0.385913 0.392523
Type 4: 1496     0.16041 0 1 0.0164474 0.230342 0.187888 0.249478 0.179562 0.182526 0.142092 0.0115296 0.385913 0.358255
-----
Max Values from Training Data:
Type 1: 407      0.979522 1 2 0.131579 0.882736 1 0.93553 0.993056 1 0.947613 0.0450359 0.894841 0.461059
Type 2: 1515     0.979522 1 2 0.149671 0.921563 1 0.974887 0.993056 1 0.993013 1 0.905754 0.471963
Type 3: 289      0.979522 1 2 0.131579 0.882736 0.92221 0.93553 0.862082 0.976193 0.942194 0.0450359 0.894841 0.461059
Type 4: 1496     0.979522 1 2 0.149671 0.921563 1 0.974887 0.993056 1 0.993013 1 0.905754 0.471963
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.06815
Total Training Passes:  299
-----
Testing Parameter Statistics:
Weight:      min1: 0.793609      mean1: 0.801778      max1: 0.810132
Duration:    min2: 0.441614      mean2: 0.44434      max2: 0.446837
Total Number of Results: 1944
Total Time for Testing:  0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

1) Score: 0.0 Run Time: 119437 ms

Example Case:

Seed: 2

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points:  3724
```

```
Mean Values from Training Data:
Type 1: 342      0.573129 0.505848 1.83918 0.0822177 0.589766 0.537497 0.638337 0.530797 0.530267 0.582813 0.0304319 0.64116:
Type 2: 1499     0.579198 0.50567 1.84723 0.0865669 0.593915 0.539162 0.640311 0.530713 0.532403 0.583287 0.0305137 0.63734:
Type 3: 223      0.56692 0.578475 1.78027 0.0801398 0.579944 0.5331 0.630515 0.526595 0.524668 0.57737 0.0300604 0.643306 0.4
Type 4: 1660     0.579008 0.496386 1.8494 0.0862164 0.593948 0.539762 0.640583 0.531553 0.532938 0.583362 0.0305424 0.637988
-----
Min Values from Training Data:
Type 1: 342      0.1843 0 1 0.0226974 0.223272 0.182068 0.236424 0.181601 0.183862 0.158827 0.0112489 0.434524 0.362928
Type 2: 1499     0.174061 0 1 0.0182566 0.223272 0.182068 0.236424 0.176937 0.182992 0.145135 0.0112489 0.291667 0.361371
Type 3: 223      0.215017 0 1 0.0335526 0.241159 0.195274 0.259831 0.190848 0.197986 0.160701 0.0123352 0.434524 0.362928
Type 4: 1660     0.174061 0 1 0.0182566 0.223272 0.182068 0.236424 0.176937 0.182992 0.145135 0.0112489 0.291667 0.361371
-----
Max Values from Training Data:
Type 1: 342      0.962457 1 2 0.141118 0.879007 0.912336 0.947642 0.914449 0.899345 0.96348 0.0466397 0.81746 0.471963
Type 2: 1499     0.979522 1 2 0.149671 0.896244 0.969911 0.992004 0.946853 0.988943 0.97876 0.0485826 1 0.471963
Type 3: 223      0.962457 1 2 0.130099 0.879007 0.912336 0.931453 0.914449 0.899345 0.96348 0.0466397 0.81746 0.471963
Type 4: 1660     0.979522 1 2 0.149671 0.901371 0.969911 0.992004 0.977127 0.988943 0.97876 0.0485826 1 0.471963
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0837431
Total Training Passes: 328
-----
Testing Parameter Statistics:
Weight:      min1: 0.694437      mean1: 0.707757      max1: 0.719917
Duration:    min2: 0.408652      mean2: 0.410627      max2: 0.415316
Total Number of Results: 1927
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

2) Score: 0.0 Run Time: 119534 ms

Example Case:

Seed: 3

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3723
-----
Mean Values from Training Data:
Type 1: 309      0.580006 0.511327 1.88673 0.0879995 0.598731 0.542898 0.644654 0.535327 0.536141 0.591503 0.0307172 0.65251:
Type 2: 1591     0.581046 0.516656 1.85607 0.0899419 0.597515 0.541013 0.64321 0.53254 0.534925 0.587666 0.0306192 0.642521
Type 3: 254      0.582852 0.472441 1.90157 0.090939 0.602865 0.54601 0.64777 0.539024 0.538466 0.591798 0.0308152 0.649606 0.
Type 4: 1569     0.580649 0.517527 1.85405 0.0897608 0.597324 0.540868 0.642999 0.532349 0.534819 0.587554 0.0306102 0.6432:
-----
Min Values from Training Data:
Type 1: 309      0.221843 0 1 0.0338816 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.439484 0.375389
Type 2: 1591     0.204778 0 1 0.0284539 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.385913 0.367601
Type 3: 254      0.232082 0 1 0.0338816 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.439484 0.390966
Type 4: 1569     0.204778 0 1 0.0284539 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.385913 0.367601
-----
Max Values from Training Data:
Type 1: 309      0.972696 1 2 0.130099 0.921563 0.911714 0.949237 0.93154 0.931538 0.974224 0.046713 1 0.459502
Type 2: 1591     0.979522 1 2 0.145888 0.921563 0.969911 0.989225 0.968398 0.989059 0.974224 0.0470553 1 0.464174
Type 3: 254      0.972696 1 2 0.130099 0.921563 0.911714 0.949237 0.93154 0.931538 0.974224 0.0462132 1 0.459502
Type 4: 1569     0.979522 1 2 0.145888 0.921563 0.969911 0.989225 0.968398 0.989059 0.974224 0.0470553 1 0.464174
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.101513
Total Training Passes: 293
-----
Testing Parameter Statistics:
Weight:      min1: 0.571932      mean1: 0.678098      max1: 0.71813
Duration:    min2: 0.417031      mean2: 0.421762      max2: 0.42682
Total Number of Results: 1928
Total Time for Testing: 0.03 sec
```

total time for testing: 0.03 sec

Answer Size: 660

Standard Error:

3) Score: 0.0 Run Time: 119384 ms

Example Case:

Seed: 4

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3720

-----
Mean Values from Training Data:
Type 1: 357    0.571897 0.422969 1.89076 0.0820644 0.583078 0.526881 0.632183 0.519281 0.520594 0.574984 0.030145 0.628494
Type 2: 1522   0.575733 0.478318 1.84494 0.0840492 0.589245 0.535366 0.635936 0.526564 0.528817 0.579594 0.0303514 0.63947
Type 3: 227    0.571139 0.400881 1.88106 0.0825405 0.585493 0.526593 0.63432 0.518884 0.519818 0.576584 0.0301311 0.625463
Type 4: 1614   0.576821 0.477695 1.84511 0.0848625 0.591177 0.536999 0.637685 0.528034 0.530571 0.581564 0.0304219 0.64123

-----
Min Values from Training Data:
Type 1: 357    0.174061 0 1 0.0256579 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.404762 0.390966
Type 2: 1522   0.174061 0 1 0.0148026 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.385913 0.380062
Type 3: 227    0.174061 0 1 0.0256579 0.233042 0.198139 0.244465 0.187361 0.196689 0.153136 0.0115879 0.457341 0.390966
Type 4: 1614   0.174061 0 1 0.0148026 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.385913 0.380062

-----
Max Values from Training Data:
Type 1: 357    0.955631 1 2 0.127796 0.911845 0.93771 0.961095 0.931944 0.949708 0.96348 0.0455279 0.84375 0.457944
Type 2: 1522   0.979522 1 2 0.141118 0.911845 0.951779 0.992004 0.961791 0.959856 0.974312 0.0485826 0.968254 0.461059
Type 3: 227    0.911263 1 2 0.125 0.911845 0.93771 0.961095 0.888284 0.949708 0.96348 0.0455279 0.795635 0.453271
Type 4: 1614   0.979522 1 2 0.141118 0.911845 0.951779 0.992004 0.961791 0.959856 0.974312 0.0485826 0.968254 0.461059

-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.126771
Total Training Passes: 306

-----
Testing Parameter Statistics:
Weight:      min1: 0.717686    mean1: 0.830287    max1: 0.861404
Duration:    min2: 0.444134    mean2: 0.456418    max2: 0.459866
Total Number of Results: 1931
Total Time for Testing: 0.03 sec

-----
Answer Size: 660
-----
```

Standard Error:

4) Score: 0.0 Run Time: 119635 ms

Example Case:

Seed: 5

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3736

-----
Mean Values from Training Data:
Type 1: 322    0.589988 0.565217 1.75155 0.0900688 0.599864 0.547235 0.649837 0.537274 0.542229 0.59357 0.0310283 0.651155
Type 2: 1534   0.582465 0.505867 1.81617 0.088594 0.596952 0.54293 0.643565 0.533579 0.53684 0.585255 0.0306344 0.644978
Type 3: 275    0.589774 0.574545 1.74909 0.0889103 0.600092 0.547934 0.650616 0.53812 0.543199 0.592077 0.0310555 0.65999
Type 4: 1605   0.582391 0.516511 1.82118 0.0886965 0.596244 0.541947 0.642625 0.53244 0.536067 0.584858 0.030583 0.643181

-----
Min Values from Training Data:
```

```
Type 1: 322      0.187713 0 1 0.0263158 0.250297 0.188439 0.264983 0.181744 0.191192 0.14612 0.0123972 0.426587 0.358255
Type 2: 1534     0.174061 0 1 0.0148026 0.233288 0.184166 0.248521 0.167495 0.18168 0.139627 0.0115551 0.343254 0.358255
Type 3: 275      0.187713 0 1 0.0263158 0.250297 0.188439 0.264983 0.181744 0.191192 0.14612 0.0123972 0.490079 0.358255
Type 4: 1605     0.174061 0 1 0.0148026 0.233288 0.184166 0.248521 0.167495 0.18168 0.139627 0.0115551 0.343254 0.358255
-----
Max Values from Training Data:
Type 1: 322      0.96587 1 2 0.132237 0.883492 0.969911 0.94253 0.932904 0.988943 0.972329 0.0452837 0.905754 0.457944
Type 2: 1534     0.989761 1 2 0.145888 0.92071 0.969911 0.974887 0.977127 0.988943 0.994908 0.0476345 0.905754 0.457944
Type 3: 275      0.96587 1 2 0.132237 0.883492 0.969911 0.94253 0.932904 0.988943 0.972329 0.0452837 0.905754 0.457944
Type 4: 1605     0.989761 1 2 0.145888 0.92071 0.969911 0.974887 0.977127 0.988943 0.994908 0.0476345 0.905754 0.457944
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.148085
Total Training Passes: 304
-----
Testing Parameter Statistics:
Weight:      min1: 0.575188      mean1: 0.698767      max1: 0.712995
Duration:    min2: 0.405768      mean2: 0.41121      max2: 0.436335
Total Number of Results: 1915
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

5) Score: 0.0 Run Time: 119575 ms

Example Case:

Seed: 6

Fatal Errors:**Standard Out:**

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3721
-----
Mean Values from Training Data:
Type 1: 323      0.573654 0.489164 1.8452 0.0873091 0.592207 0.535432 0.637402 0.525957 0.5299 0.579151 0.0303771 0.657655 0.
Type 2: 1476     0.580339 0.487127 1.82724 0.086863 0.593544 0.540334 0.640668 0.531254 0.534811 0.584884 0.0313215 0.643274
Type 3: 236      0.575837 0.487288 1.84746 0.0896823 0.594253 0.536983 0.639765 0.529037 0.533394 0.581836 0.0305488 0.655111
Type 4: 1686     0.580683 0.52847 1.82977 0.0867022 0.594541 0.540968 0.641127 0.531712 0.535504 0.585074 0.0312193 0.642743
-----
Min Values from Training Data:
Type 1: 323      0.208191 0 1 0.0335526 0.228557 0.186189 0.249716 0.176937 0.189181 0.149428 0.0119488 0.496032 0.384735
Type 2: 1476     0.180887 0 1 0.0148026 0.228557 0.186189 0.249478 0.17474 0.182526 0.142092 0.0115296 0.291667 0.361371
Type 3: 236      0.21843 0 1 0.0335526 0.228557 0.195274 0.25821 0.186251 0.189181 0.160701 0.0123352 0.496032 0.384735
Type 4: 1686     0.180887 0 1 0.0148026 0.228557 0.186189 0.249478 0.17474 0.182526 0.142092 0.0115296 0.291667 0.361371
-----
Max Values from Training Data:
Type 1: 323      0.969283 1 2 0.129934 0.894423 0.943862 0.986494 0.934929 0.945569 0.933784 0.0472667 0.968254 0.461059
Type 2: 1476     0.989761 1 2 0.141118 0.894423 0.943862 0.986494 0.968398 0.986 0.970904 1 0.968254 0.461059
Type 3: 236      0.969283 1 2 0.129934 0.894423 0.904372 0.986494 0.919496 0.945569 0.915038 0.0454747 0.968254 0.461059
Type 4: 1686     0.989761 1 2 0.145888 0.916673 0.943862 0.986494 0.968398 0.986 0.970904 1 0.968254 0.464174
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0657893
Total Training Passes: 303
-----
Testing Parameter Statistics:
Weight:      min1: 0.787005      mean1: 0.79214      max1: 0.793999
Duration:    min2: 0.449457      mean2: 0.449926      max2: 0.450463
Total Number of Results: 1930
Total Time for Testing: 0.03 sec
-----
Answer Size: 660
-----
```

Standard Error:

6) Score: 0.0 Run Time: 119516 ms

Example Case:

Seed: 7

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3743
-----
Mean Values from Training Data:
Type 1: 396    0.581136 0.555556 1.81566 0.0857399 0.589275 0.542951 0.638512 0.536716 0.534554 0.586249 0.0305077 0.659165
Type 2: 1455   0.581345 0.516151 1.83505 0.0872523 0.595406 0.540955 0.642577 0.532961 0.534569 0.586187 0.0306909 0.644975
Type 3: 276    0.580477 0.539855 1.82246 0.0847319 0.590883 0.545899 0.640151 0.540864 0.538889 0.589276 0.0306159 0.664461
Type 4: 1616   0.581611 0.523515 1.83973 0.087189 0.595597 0.541733 0.642859 0.533821 0.535187 0.586816 0.0307034 0.646702
-----
Min Values from Training Data:
Type 1: 396    0.21843 0 1 0.0333882 0.240377 0.191418 0.25829 0.183769 0.186044 0.147371 0.0119998 0.499008 0.404984
Type 2: 1455   0.16041 0 1 0.0164474 0.233042 0.189457 0.244465 0.17474 0.186044 0.14703 0.0115879 0.291667 0.358255
Type 3: 276    0.21843 0 1 0.0333882 0.240377 0.191418 0.25829 0.183769 0.188055 0.147371 0.0119998 0.505952 0.404984
Type 4: 1616   0.16041 0 1 0.0164474 0.233042 0.189457 0.244465 0.17474 0.186044 0.14703 0.0115879 0.291667 0.358255
-----
Max Values from Training Data:
Type 1: 396    0.979522 1 2 0.135362 0.893746 0.969911 0.960675 0.961791 0.988943 0.972329 0.0472667 0.882937 0.459502
Type 2: 1455   0.979522 1 2 0.145888 0.927974 0.969911 0.987775 0.966673 0.988943 0.972329 0.0476345 0.884921 0.459502
Type 3: 276    0.979522 1 2 0.135362 0.886843 0.969911 0.960675 0.951008 0.988943 0.972329 0.0472667 0.882937 0.454829
Type 4: 1616   0.979522 1 2 0.145888 0.927974 0.969911 0.992004 0.966673 0.988943 0.972329 0.0485826 0.884921 0.459502
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0844605
Total Training Passes: 307
-----
Testing Parameter Statistics:
Weight:      min1: 0.516915    mean1: 0.555183    max1: 0.68705
Duration:    min2: 0.409884    mean2: 0.421563    max2: 0.436651
Total Number of Results: 1908
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

7) Score: 0.0 Run Time: 119667 ms

Example Case:

Seed: 8

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3727
-----
Mean Values from Training Data:
Type 1: 338    0.586203 0.428994 1.87574 0.0884926 0.605382 0.548571 0.650832 0.541609 0.542768 0.584988 0.0309966 0.663908
Type 2: 1547   0.58193 0.437621 1.85326 0.0897623 0.595826 0.54266 0.642884 0.534722 0.536443 0.583821 0.031396 0.648671
Type 3: 247    0.581131 0.376518 1.91903 0.0849977 0.601055 0.539543 0.645176 0.532221 0.533976 0.577401 0.0306989 0.659711
Type 4: 1595   0.581692 0.436991 1.84702 0.0893476 0.59593 0.542954 0.642898 0.5349 0.536638 0.584011 0.0313708 0.647708
-----
Min Values from Training Data:
Type 1: 338    0.21843 0 1 0.0287829 0.238811 0.18683 0.254101 0.187248 0.186284 0.155991 0.0121055 0.428571 0.394081
Type 2: 1547   0.187713 0 1 0.0263158 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.28869 0.338006
Type 3: 247    0.21843 0 1 0.0287829 0.238811 0.18683 0.254101 0.187248 0.186284 0.155991 0.0121055 0.456349 0.398754
Type 4: 1595   0.187713 0 1 0.0263158 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.28869 0.338006
-----
Max Values from Training Data:
```

```
Type 1: 338      0.959044 1 2 0.145888 0.902945 0.936722 0.989225 0.933444 0.925629 0.945212 0.0470553 0.909722 0.457944
Type 2: 1547    0.989761 1 2 0.148026 0.902945 1 0.989225 0.993056 1 0.993013 1 1 0.459502
Type 3: 247     0.952218 1 2 0.145888 0.902945 0.926104 0.989225 0.931944 0.92375 0.927296 0.0470553 0.881944 0.457944
Type 4: 1595    0.989761 1 2 0.148026 0.902945 1 0.989225 0.993056 1 0.993013 1 1 0.459502
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0898834
Total Training Passes: 288
-----
Testing Parameter Statistics:
Weight:      min1: 0.703471      mean1: 0.767543      max1: 0.777733
Duration:    min2: 0.44516      mean2: 0.445844      max2: 0.446003
Total Number of Results: 1924
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

8) Score: 0.0 Run Time: 119358 ms

Example Case:

Seed: 9

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3742
-----
Mean Values from Training Data:
Type 1: 387      0.580866 0.45478 1.82171 0.0852821 0.599386 0.547102 0.648427 0.539064 0.539139 0.593984 0.0310083 0.649398
Type 2: 1480    0.583447 0.497973 1.82095 0.0871362 0.600938 0.545922 0.64731 0.537296 0.539399 0.590302 0.0308401 0.655974
Type 3: 291     0.581413 0.498282 1.83505 0.0846349 0.598779 0.547032 0.647865 0.539166 0.538657 0.596295 0.0309973 0.647828
Type 4: 1584    0.582756 0.484217 1.81755 0.0866807 0.600032 0.544927 0.646513 0.536266 0.538508 0.589329 0.0308008 0.65281
-----
Min Values from Training Data:
Type 1: 387      0.180887 0 1 0.0182566 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.446429 0.375389
Type 2: 1480    0.180887 0 1 0.0148026 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.343254 0.362928
Type 3: 291     0.180887 0 1 0.0182566 0.221671 0.173814 0.231751 0.165973 0.17598 0.140687 0.0108516 0.456349 0.375389
Type 4: 1584    0.180887 0 1 0.0148026 0.221671 0.173814 0.231751 0.165973 0.17598 0.139627 0.0108516 0.343254 0.362928
-----
Max Values from Training Data:
Type 1: 387      0.96587 1 2 0.145888 0.927974 0.969911 0.987775 0.93127 0.988943 0.97876 0.0463189 0.827877 0.461059
Type 2: 1480    0.989761 1 2 0.148026 0.927974 0.969911 0.989225 0.944701 0.989059 0.993013 0.0476345 0.968254 0.471963
Type 3: 291     0.96587 1 2 0.145888 0.892506 0.969911 0.920785 0.93127 0.988943 0.97876 0.044297 0.827877 0.461059
Type 4: 1584    0.989761 1 2 0.148026 0.927974 0.969911 0.989225 0.944701 0.989059 0.993013 0.0476345 0.968254 0.471963
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0942088
Total Training Passes: 297
-----
Testing Parameter Statistics:
Weight:      min1: 0.588599      mean1: 0.636744      max1: 0.685105
Duration:    min2: 0.418009      mean2: 0.434807      max2: 0.439057
Total Number of Results: 1909
Total Time for Testing: 0.03 sec
-----
Answer Size: 660
-----
```

Standard Error:

9) Score: 0.0 Run Time: 119303 ms

Example Case:

Seed: 10

Fatal Errors:

Standard Out:

```
startup = 0
Creating a <11 4 2> neural network
Total Number of Data Points: 3718
-----
Mean Values from Training Data:
Type 1: 326      0.582665 0.515337 1.79755 0.0889254 0.597765 0.545998 0.645847 0.535062 0.540635 0.592243 0.0307737 0.648607
Type 2: 1449     0.583458 0.515528 1.80952 0.0884776 0.59974 0.544368 0.646581 0.535407 0.538241 0.589805 0.0307546 0.647502
Type 3: 302      0.581561 0.519868 1.79139 0.0899175 0.597767 0.54593 0.645964 0.535231 0.540409 0.591429 0.0307948 0.650822
Type 4: 1641     0.584163 0.518586 1.80926 0.0888152 0.600735 0.545063 0.647447 0.536048 0.538753 0.590119 0.0307958 0.64821
-----
Min Values from Training Data:
Type 1: 326      0.215017 0 1 0.0345395 0.24517 0.184166 0.260136 0.174222 0.18168 0.169234 0.0125284 0.398313 0.392523
Type 2: 1449     0.211604 0 1 0.0296053 0.230342 0.184166 0.249588 0.174222 0.18168 0.142092 0.0115296 0.291667 0.361371
Type 3: 302      0.215017 0 1 0.0345395 0.24517 0.184166 0.260136 0.174222 0.18168 0.169234 0.0125284 0.398313 0.392523
Type 4: 1641     0.204778 0 1 0.0284539 0.230342 0.184166 0.249588 0.174222 0.18168 0.142092 0.0115296 0.291667 0.361371
-----
Max Values from Training Data:
Type 1: 326      0.989761 1 2 0.137171 0.899999 0.939225 0.954089 0.933444 0.989059 0.97876 0.0458305 0.968254 0.461059
Type 2: 1449     0.989761 1 2 0.141118 0.90933 0.939225 0.986494 0.944701 0.989059 0.993013 0.0462132 1 0.468847
Type 3: 302      0.989761 1 2 0.137171 0.899999 0.939225 0.954089 0.933444 0.989059 0.97876 0.0458305 0.968254 0.461059
Type 4: 1641     0.989761 1 2 0.14227 0.92071 0.939225 0.989225 0.966673 0.989059 0.993013 0.0470553 1 0.468847
-----
Training Data Statistics:
-----
Neural Net Recent Average Error: 0.0925303
Total Training Passes: 314
-----
Testing Parameter Statistics:
Weight:      min1: 0.491534      mean1: 0.495714      max1: 0.506752
Duration:    min2: 0.445276      mean2: 0.448897      max2: 0.453745
Total Number of Results: 1933
Total Time for Testing: 0.04 sec
-----
Answer Size: 660
-----
```

Standard Error:

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