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Handle:

Marathon Match

Example Results

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

0) Score: 0.0 Run Time: 4439 ms

Example Case:

Seed: 1

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 630
w categories: 630    d categories: 630
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.579985
Most likely duration: 0.438571
--------------------------------------------------------------------------------
Duration Data Points: 3707    min: 0.358255    mean: 0.430298    max: 0.471963
Weight Data Points: 3707    min: 0.291667    mean: 0.640869    max: 1
--------------------------------------------------------------------------------
Birth events: 13 35 139 363 988 1414 701 54
Total births: 13 48 187 550 1538 2952 3653 3707
Probability of births: 0.00350688 0.0129485 0.0504451 0.148368 0.414891 0.796331 0.985433 1 1
Birth durations: 0.358255 0.372469 0.386682 0.400896 0.415109 0.429322 0.443536 0.457749 0.471963
--------------------------------------------------------------------------------
Number in weight: 9 129 578 1233 1195 479 77 0
Probability of weight class: 0.00243243 0.0348649 0.156216 0.333243 0.322973 0.129459 0.0208108 0
r {duration v. weight}: 0.991028    t-dist: 451.32
--------------------------------------------------------------------------------
Test Duration Data Points: 1944    min: 0.365362    mean: 0.4343    max: 0.450643
Test Weight Data Points: 1944    min: 0.335938    mean: 0.60525    max: 0.80816
```

Standard Error:

1) Score: 0.0 Run Time: 4288 ms

Example Case:

Seed: 2

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 603
w categories: 603    d categories: 603
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.765687
Most likely duration: 0.480335
--------------------------------------------------------------------------------
```

```
Duration Data Points: 3724    min: 0.338006    mean: 0.431299    max: 0.471963
Weight Data Points: 3724    min: 0.28869    mean: 0.644    max: 1
--------------------------------------------------------------------------------
Birth events: 3 14 33 134 653 1594 1191 96
Total births: 3 17 50 184 837 2431 3622 3718
Probability of births: 0.000806885 0.00457235 0.0134481 0.049489 0.225121 0.653846 0.97418 1 1
Birth durations: 0.338006 0.354751 0.371495 0.38824 0.404984 0.421729 0.438474 0.455218 0.471963
--------------------------------------------------------------------------------
Number in weight: 12 123 516 1213 1241 508 97 7
Probability of weight class: 0.00322841 0.0330912 0.138822 0.326338 0.333871 0.136669 0.0260963 0.00188324
r {duration v. weight}: 0.998369    t-dist: 1066.72
--------------------------------------------------------------------------------
Test Duration Data Points: 1927    min: 0.396612    mean: 0.456931    max: 0.480335
Test Weight Data Points: 1927    min: 0.422061    mean: 0.706172    max: 0.866629
```

Standard Error:

---

2) Score: 0.0 Run Time: 4307 ms

Example Case:

Seed: 3

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 674
w categories: 674    d categories: 674
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.585938
Most likely duration: 0.438376
--------------------------------------------------------------------------------
Duration Data Points: 3723    min: 0.358255    mean: 0.430569    max: 0.468847
Weight Data Points: 3723    min: 0.291667    mean: 0.642645    max: 1
--------------------------------------------------------------------------------
Birth events: 23 30 90 309 977 1392 811 91
Total births: 23 53 143 452 1429 2821 3632 3723
Probability of births: 0.00617781 0.0142358 0.0384099 0.121407 0.38383 0.757722 0.975557 1 1
Birth durations: 0.358255 0.372079 0.385903 0.399727 0.413551 0.427375 0.441199 0.455023 0.468847
--------------------------------------------------------------------------------
Number in weight: 9 97 611 1195 1213 495 96 0
Probability of weight class: 0.00242196 0.0261033 0.164424 0.321582 0.326426 0.133208 0.0258342 0
r {duration v. weight}: 0.997027    t-dist: 789.366
--------------------------------------------------------------------------------
Test Duration Data Points: 1928    min: 0.378991    mean: 0.435035    max: 0.448111
Test Weight Data Points: 1928    min: 0.424479    mean: 0.604483    max: 0.867188
```

Standard Error:

---

3) Score: 0.0 Run Time: 4310 ms

Example Case:

Seed: 4

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 669
w categories: 669    d categories: 669
--------------------------------------------------------------------------------
```

```
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.730965
Most likely duration: 0.447625
--------------------------------------------------------------------------------

Duration Data Points: 3720    min: 0.338006    mean: 0.429947    max: 0.471963
Weight Data Points: 3720    min: 0.28869    mean: 0.640155    max: 1
--------------------------------------------------------------------------------
Birth events: 3 18 37 173 722 1605 1104 52
Total births: 3 21 58 231 953 2558 3662 3714
Probability of births: 0.000807754 0.00565428 0.0156166 0.0621971 0.256597 0.688745 0.985999 1 1
Birth durations: 0.338006 0.354751 0.371495 0.38824 0.404984 0.421729 0.438474 0.455218 0.471963
--------------------------------------------------------------------------------
Number in weight: 12 139 565 1180 1234 495 81 7
Probability of weight class: 0.00323189 0.037436 0.152168 0.317802 0.332346 0.133315 0.0218152 0.00188527
r {duration v. weight}: 0.994146    t-dist: 561.068
--------------------------------------------------------------------------------
Test Duration Data Points: 1931    min: 0.379868    mean: 0.440212    max: 0.46359
Test Weight Data Points: 1931    min: 0    mean: 0.688164    max: 0.777716
```

Standard Error:

---

4) Score: 0.0 Run Time: 4312 ms

Example Case:

Seed: 5

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 596
w categories: 596    d categories: 596
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.773438
Most likely duration: 0.453466
--------------------------------------------------------------------------------
Duration Data Points: 3736    min: 0.358255    mean: 0.430802    max: 0.461059
Weight Data Points: 3736    min: 0.291667    mean: 0.64308    max: 1
--------------------------------------------------------------------------------
Birth events: 13 40 46 169 733 1176 1109 443
Total births: 13 53 99 268 1001 2177 3286 3729
Probability of births: 0.00348619 0.0142129 0.0265487 0.0718691 0.268437 0.583803 0.881201 1 1
Birth durations: 0.358255 0.371106 0.383956 0.396807 0.409657 0.422508 0.435358 0.448209 0.461059
--------------------------------------------------------------------------------
Number in weight: 14 91 562 1298 1172 513 79 0
Probability of weight class: 0.00375436 0.0244033 0.150711 0.348083 0.314293 0.13757 0.0211853 0
r {duration v. weight}: 0.989808    t-dist: 424.723

--------------------------------------------------------------------------------
Test Duration Data Points: 1915    min: 0.364681    mean: 0.442481    max: 0.454634
Test Weight Data Points: 1915    min: 0.513021    mean: 0.707724    max: 0.778646
```

Standard Error:

---

5) Score: 0.0 Run Time: 4296 ms

Example Case:

Seed: 6

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 596
w categories: 596     d categories: 596
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.809152
Most likely duration: 0.45366
--------------------------------------------------------------------------------
Duration Data Points: 3721     min: 0.358255     mean: 0.430564     max: 0.464174
Weight Data Points: 3721     min: 0.291667     mean: 0.640011     max: 0.968254
--------------------------------------------------------------------------------
Birth events: 23 25 65 288 722 1365 936 290
Total births: 23 48 113 401 1123 2488 3424 3714
Probability of births: 0.00619278 0.0129241 0.0304254 0.10797 0.302369 0.669898 0.921917 1 1
Birth durations: 0.358255 0.371495 0.384735 0.397975 0.411215 0.424455 0.437695 0.450935 0.464174
--------------------------------------------------------------------------------
Number in weight: 9 115 427 1176 1250 582 137 18
Probability of weight class: 0.00242326 0.0309639 0.11497 0.31664 0.336564 0.156704 0.0368875 0.00484653
r {duration v. weight}: 1     t-dist: inf
--------------------------------------------------------------------------------
Test Duration Data Points: 1930     min: 0.391355     mean: 0.442381     max: 0.457555
Test Weight Data Points: 1930     min: 0.418527     mean: 0.727455     max: 0.841394
```

Standard Error:

6) Score: 0.0 Run Time: 4460 ms

Example Case:

```
Seed: 7
```

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 696
w categories: 696     d categories: 696
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.657552
Most likely duration: 0.422508
--------------------------------------------------------------------------------
Duration Data Points: 3743     min: 0.338006     mean: 0.431339     max: 0.468847
Weight Data Points: 3743     min: 0.28869     mean: 0.646633     max: 1
--------------------------------------------------------------------------------
Birth events: 3 13 35 124 578 1400 1317 267
Total births: 3 16 51 175 753 2153 3470 3737
Probability of births: 0.000802783 0.00428151 0.0136473 0.046829 0.201499 0.576131 0.928552 1 1
Birth durations: 0.338006 0.354361 0.370717 0.387072 0.403427 0.419782 0.436137 0.452492 0.468847
--------------------------------------------------------------------------------
Number in weight: 17 87 495 1230 1292 516 92 7
Probability of weight class: 0.00455032 0.0232869 0.132495 0.329229 0.345824 0.138116 0.0246253 0.00187366
r {duration v. weight}: 0.993375     t-dist: 528.705
--------------------------------------------------------------------------------
Test Duration Data Points: 1908     min: 0.387072     mean: 0.426354     max: 0.46067
Test Weight Data Points: 1908     min: 0.422061     mean: 0.645064     max: 0.866629
```

Standard Error:

7) Score: 0.0 Run Time: 4334 ms

Example Case:

```
Seed: 8
```

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 591
w categories: 591     d categories: 591
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.871838
Most likely duration: 0.456776
--------------------------------------------------------------------------------
Duration Data Points: 3727     min: 0.338006     mean: 0.430526     max: 0.468847
Weight Data Points: 3727     min: 0.28869     mean: 0.643198     max: 1
--------------------------------------------------------------------------------
Birth events: 3 23 35 165 578 1353 1342 222
Total births: 3 26 61 226 804 2157 3499 3721
Probability of births: 0.000806235 0.00698737 0.0163934 0.0607364 0.216071 0.579683 0.940339 1 1
Birth durations: 0.338006 0.354361 0.370717 0.387072 0.403427 0.419782 0.436137 0.452492 0.468847
--------------------------------------------------------------------------------
Number in weight: 12 115 505 1284 1194 495 108 7
Probability of weight class: 0.00322581 0.030914 0.135753 0.345161 0.320968 0.133065 0.0290323 0.00188172
r {duration v. weight}: 0.999578     t-dist: 2099.07
--------------------------------------------------------------------------------
Test Duration Data Points: 1924     min: 0.378894     mean: 0.444303     max: 0.46067
Test Weight Data Points: 1924     min: 0.422061     mean: 0.759487     max: 0.871838
```

Standard Error:

8) Score: 0.0 Run Time: 4308 ms

Example Case:

Seed: 9

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 699
w categories: 699     d categories: 699
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.670263
Most likely duration: 0.436819
--------------------------------------------------------------------------------
Duration Data Points: 3742     min: 0.361371     mean: 0.431434     max: 0.471963
Weight Data Points: 3742     min: 0.291667     mean: 0.645486     max: 1
--------------------------------------------------------------------------------
Birth events: 24 23 100 372 1152 1393 625 53
Total births: 24 47 147 519 1671 3064 3689 3742
Probability of births: 0.00641368 0.0125601 0.0392838 0.138696 0.446553 0.818813 0.985836 1 1
Birth durations: 0.361371 0.375195 0.389019 0.402843 0.416667 0.430491 0.444315 0.458139 0.471963
--------------------------------------------------------------------------------
Number in weight: 14 118 533 1239 1211 511 102 7
Probability of weight class: 0.00374833 0.031593 0.142704 0.331727 0.32423 0.136814 0.0273092 0.00187416
r {duration v. weight}: 0.992152     t-dist: 485.263
--------------------------------------------------------------------------------
Test Duration Data Points: 1909     min: 0.368283     mean: 0.434345     max: 0.451227
Test Weight Data Points: 1909     min: 0.335938     mean: 0.658208     max: 0.867188
```

Standard Error:

9) Score: 0.0 Run Time: 4306 ms

Example Case:

Seed: 10

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 617
w categories: 617    d categories: 617
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 8
--------------------------------------------------------------------------------
Most likely weight: 0.635541
Most likely duration: 0.458625
--------------------------------------------------------------------------------
Duration Data Points: 3718    min: 0.361371    mean: 0.431372    max: 0.471963
Weight Data Points: 3718    min: 0.291667    mean: 0.642709    max: 1
--------------------------------------------------------------------------------
Birth events: 19 25 127 362 1182 1344 587 72
Total births: 19 44 171 533 1715 3059 3646 3718
Probability of births: 0.00511027 0.0118343 0.0459925 0.143357 0.461269 0.822754 0.980635 1 1
Birth durations: 0.361371 0.375195 0.389019 0.402843 0.416667 0.430491 0.444315 0.458139 0.471963
--------------------------------------------------------------------------------
Number in weight: 14 116 594 1202 1194 503 81 7
Probability of weight class: 0.00377257 0.0312584 0.160065 0.323902 0.321746 0.135543 0.021827 0.00188628
r {duration v. weight}: 0.999599    t-dist: 2152.13
--------------------------------------------------------------------------------
Test Duration Data Points: 1933    min: 0.368283    mean: 0.44505    max: 0.458625
Test Weight Data Points: 1933    min: 0.424479    mean: 0.63655    max: 0.778646
```

Standard Error:

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