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Handle:

Marathon Match

Contest: Marathon Match
Problem: ChildStuntedness
Coder: RigelFive

0) Score: 0.0 Run Time: 4288 ms

Example Case:

Seed: 1

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 646
w categories: 646    d categories: 646
------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
------------------------------------------------------------------------------
Most likely weight: 0.67407
Most likely duration: 0.43529
------------------------------------------------------------------------------
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: 4 0 4 5 0 0 0 0 0 10 0 5 0 0 0 5 10 5 0 4 5 0 10 22 16 10 11 38 23 20 31 21 34 0 50 32 34 63 78 57 117 88 1
Total births: 4 4 8 13 13 13 13 13 13 13 23 23 28 28 28 28 33 43 48 48 52 57 57 67 89 105 115 126 164 187 207 238 259 293 2
Probability of births: 0.00107904 0.00107904 0.00215808 0.00350688 0.00350688 0.00350688 0.00350688 0.00350688 0.00350688 (
Birth durations: 0.358255 0.359677 0.361098 0.362519 0.363941 0.365362 0.366783 0.368205 0.369626 0.371048 0.372469 0.37389
------------------------------------------------------------------------------
Number in weight: 4 0 0 0 0 5 0 0 0 5 0 9 5 7 31 5 39 25 3 27 5 34 52 49 58 46 105 92 110 97 73 105 118 112 91 161 130 18
Probability of weight class: 0.00107904 0 0 0 0 0.0013488 0 0 0 0.0013488 0 0.00242784 0.0013488 0.00188832 0.00836256 0.
r {duration v. weight}: 0.991028    t-dist: 451.32
------------------------------------------------------------------------------
Test Duration Data Points: 1944    min: 0.404449    mean: 0.430899    max: 0.452775
Test Weight Data Points: 1944    min: 0.446615    mean: 0.655664    max: 0.791927
ID: 9 14 39 88 89 123 136 142 144 165 167 168 187 199 204 206 208 219 233 286 301 306 314 320 321 344 351 352 357 365 367 4
```

Standard Error:

1) Score: 0.0 Run Time: 4284 ms

Example Case:

Seed: 2

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 601
w categories: 601    d categories: 601
------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
------------------------------------------------------------------------------
Most likely weight: 0.438969
Most likely duration: 0.433859
------------------------------------------------------------------------------
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 0 0 0 0 0 0 0 0 0 0 0 4 5 0 0 5 0 0 0 0 0 5 0 0 20 5 0 3 0 10 16 0 5 17 26 18 14 49 12 55 37 39 71 58 61
Total births: 3 3 3 3 3 3 3 3 3 3 3 3 7 12 12 12 17 17 17 17 17 17 22 22 22 22 42 47 47 50 60 76 76 81 98 124 142 156 205
Probability of births: 0.000805585 0.000805585 0.000805585 0.000805585 0.000805585 0.000805585 0.000805585 0.000805585 0.00
Birth durations: 0.338006 0.339681 0.341355 0.34303 0.344704 0.346379 0.348053 0.349727 0.351402 0.353076 0.354751 0.356425
```

```
--------------------------------------------------------------------------------
Number in weight: 7 0 0 0 5 0 0 0 0 11 0 10 9 7 11 10 23 42 0 11 20 16 29 42 84 43 74 118 79 95 75 103 125 131 71 169 137
Probability of weight class: 0.00188324 0 0 0 0 0.00134517 0 0 0 0 0.00295938 0 0.00269034 0.00242131 0.00188324 0.0029593
r {duration v. weight}: 0.998369    t-dist: 1066.72
--------------------------------------------------------------------------------
Test Duration Data Points: 1927    min: 0.399961    mean: 0.432391    max: 0.450195
Test Weight Data Points: 1927    min: 0.404278    mean: 0.536127    max: 0.83551
ID: 9 14 58 64 75 82 87 110 123 128 144 157 168 180 184 187 188 204 219 229 230 233 286 293 295 306 320 321 340 344 351 357
```

Standard Error:

---

2) Score: 37386.34055038215 Run Time: 4332 ms

Example Case:

Seed: 3

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 679
w categories: 679    d categories: 679
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.51534
Most likely duration: 0.435271
--------------------------------------------------------------------------------
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: 4 0 4 5 0 0 5 0 0 5 0 5 5 0 0 5 10 0 0 5 0 4 5 6 22 16 0 5 0 32 14 14 31 16 28 0 48 32 57 69 63 63 122 95 0 1
Total births: 4 4 8 13 13 13 18 18 18 23 23 28 33 33 33 38 48 48 48 53 53 57 62 68 90 106 106 111 111 143 157 171 202 218 2
Probability of births: 0.0010744 0.0010744 0.0021488 0.00349181 0.00349181 0.00349181 0.00483481 0.00483481 0.00483481 0.00
Birth durations: 0.358255 0.359638 0.36102 0.362403 0.363785 0.365167 0.36655 0.367932 0.369315 0.370697 0.372079 0.373462
--------------------------------------------------------------------------------
Number in weight: 4 0 0 0 5 0 0 0 0 0 5 0 15 0 5 26 10 11 25 0 16 12 40 45 56 71 53 77 115 126 80 75 124 106 129 87 200 142
Probability of weight class: 0.0010744 0 0 0 0.001343 0 0 0 0 0 0.001343 0 0.00402901 0 0.001343 0.00698362 0.00268601 0.00
r {duration v. weight}: 0.997027    t-dist: 789.366
--------------------------------------------------------------------------------
Test Duration Data Points: 1928    min: 0.405948    mean: 0.432902    max: 0.459862
Test Weight Data Points: 1928    min: 0.402344    mean: 0.572158    max: 0.880469
ID: 14 51 64 75 82 89 128 144 157 174 184 187 188 204 214 219 230 245 261 286 288 299 306 314 318 321 324 337 352 356 357 4
```

Standard Error:

---

3) Score: 0.0 Run Time: 4363 ms

Example Case:

Seed: 4

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 680
w categories: 680    d categories: 680
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.588771
Most likely duration: 0.44009
--------------------------------------------------------------------------------
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 0 0 0 0 0 0 0 0 0 0 4 4 0 0 0 5 0 5 0 5 0 0 0 5 15 5 0 7 0 16 11 16 5 17 34 14 20 61 33 65 34 69 58 62 5
Total births: 3 3 3 3 3 3 3 3 3 3 3 7 11 11 11 11 16 16 21 21 26 26 26 26 31 46 51 51 58 58 74 85 101 106 123 157 171 191
Probability of births: 0.000806452 0.000806452 0.000806452 0.000806452 0.000806452 0.000806452 0.000806452 0.000806452 0.00
Birth durations: 0.338006 0.339681 0.341355 0.34303 0.344704 0.346379 0.348053 0.349727 0.351402 0.353076 0.354751 0.356425
--------------------------------------------------------------------------------
Number in weight: 7 0 0 0 0 5 0 0 0 0 11 0 9 9 5 17 14 34 37 3 16 20 23 52 56 70 40 88 128 72 120 82 73 100 122 84 205 118
```
```

Number in weight: 7 0 0 0 0 5 0 0 0 0 11 0 9 9 5 17 11 54 57 5 10 20 25 52 50 70 40 60 120 72 120 62 75 100 122 64 205 110
Probability of weight class: 0.00188527 0 0 0 0 0.00134662 0 0 0 0 0.00296256 0 0.00242392 0.00242392 0.00134662 0.0045785
r {duration v. weight}: 0.994146     t-dist: 561.068
--------------------------------------------------------------------------------
Test Duration Data Points: 1931     min: 0.399124     mean: 0.435326     max: 0.451032
Test Weight Data Points: 1931     min: 0.497638     mean: 0.610867     max: 0.83551
ID: 39 87 123 136 144 167 168 176 184 204 206 214 219 229 230 237 245 261 286 310 314 320 325 339 340 344 365 367 407 449 4

**Standard Error:**

---

## 4) Score: 0.0 Run Time: 4305 ms

---

**Example Case:**

Seed: 5

**Fatal Errors:**

**Standard Out:**

startup = 0
Training Categories: 608
w categories: 608     d categories: 608
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.698872
Most likely duration: 0.453914
--------------------------------------------------------------------------------
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: 4 0 4 5 0 0 0 0 0 0 0 10 5 0 0 5 0 10 10 5 0 0 3 0 16 11 11 0 0 12 22 14 6 0 35 10 23 47 35 0 63 47 79 57 0
Total births: 4 4 8 13 13 13 13 13 13 13 13 23 28 28 28 33 33 43 53 58 58 58 61 61 77 88 99 99 99 111 133 147 153 153 18
Probability of births: 0.00107066 0.00107066 0.00214133 0.00347966 0.00347966 0.00347966 0.00347966 0.00347966 0.00347966 0
Birth durations: 0.358255 0.35954 0.360826 0.362111 0.363396 0.364681 0.365966 0.367251 0.368536 0.369821 0.371106 0.37239
--------------------------------------------------------------------------------
Number in weight: 4 0 0 0 5 5 0 0 0 0 6 0 19 5 0 16 0 12 33 0 17 20 34 46 47 71 72 70 89 96 114 65 131 96 148 103 182 144 1
Probability of weight class: 0.00107066 0 0 0 0.00133833 0.00133833 0 0 0 0 0.001606 0 0.00508565 0.00133833 0 0.00428266 0
r {duration v. weight}: 0.989808     t-dist: 424.723
--------------------------------------------------------------------------------
Test Duration Data Points: 1915     min: 0.403875     mean: 0.442533     max: 0.459132
Test Weight Data Points: 1915     min: 0.402344     mean: 0.669402     max: 0.880469
ID: 12 39 58 66 75 79 87 88 89 142 144 157 184 188 214 230 233 310 314 318 321 342 365 367 369 373 407 431 432 508 520 532

**Standard Error:**

---

## 5) Score: 0.0 Run Time: 4300 ms

---

**Example Case:**

Seed: 6

**Fatal Errors:**

**Standard Out:**

startup = 0
Training Categories: 609
w categories: 609     d categories: 609
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.545895
Most likely duration: 0.458606
--------------------------------------------------------------------------------
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: 4 0 4 5 0 0 0 5 0 5 0 5 0 0 0 0 10 5 5 0 0 7 5 5 16 0 5 10 17 17 18 15 0 36 26 33 52 39 52 0 62 84 53 113 1
Total births: 4 4 8 13 13 13 13 18 18 23 23 28 28 28 28 28 28 38 43 48 48 48 55 60 65 81 81 86 96 113 130 148 163 163 199 2
Probability of births: 0.00107498 0.00107498 0.00214996 0.00349368 0.00349368 0.00349368 0.00349368 0.00483741 0.00483741 0
Birth durations: 0.358255 0.359579 0.360903 0.362227 0.363551 0.364875 0.366199 0.367523 0.368847 0.370171 0.371495 0.37281
--------------------------------------------------------------------------------
Number in weight: 4 0 0 0 0 5 0 0 0 0 11 9 0 0 10 25 6 34 20 3 22 21 22 23 45 68 49 75 99 91 75 81 105 158 115 104 127 16
Probability of weight class: 0.00107701 0 0 0 0 0.00134626 0 0 0 0 0.00296177 0.00242326 0 0 0.00269251 0.00673129 0.0016

r {duration v. weight}: 1     t-dist: inf
--------------------------------------------------------------------------------
Test Duration Data Points: 1930     min: 0.403933     mean: 0.445025     max: 0.458606
Test Weight Data Points: 1930     min: 0.456585     mean: 0.58902     max: 0.879452
ID: 9 86 89 110 123 136 142 157 159 188 206 212 219 245 261 286 295 299 306 324 340 356 407 431 433 470 486 499 520 539 557

**Standard Error:**

---

## 6) Score: 0.0 Run Time: 4331 ms

**Example Case:**

Seed: 7

**Fatal Errors:**

**Standard Out:**

startup = 0
Training Categories: 700
w categories: 700     d categories: 700
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.583811
Most likely duration: 0.455646
--------------------------------------------------------------------------------
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 0 0 0 0 0 0 0 0 0 0 4 0 4 5 0 0 0 0 5 5 0 0 0 10 5 10 0 4 0 11 17 11 0 0 17 14 50 25 16 63 23 75 52 65
Total births: 3 3 3 3 3 3 3 3 3 3 3 7 7 11 16 16 16 16 16 16 21 26 26 26 26 36 41 51 51 55 55 66 83 94 94 94 111 125 175
Probability of births: 0.000801496 0.000801496 0.000801496 0.000801496 0.000801496 0.000801496 0.000801496 0.000801496 0.00
Birth durations: 0.338006 0.339642 0.341277 0.342913 0.344548 0.346184 0.347819 0.349455 0.35109 0.352726 0.354361 0.355997
--------------------------------------------------------------------------------
Number in weight: 7 0 0 0 0 5 5 0 0 0 0 11 4 7 5 9 12 36 3 11 23 34 29 54 46 35 88 116 59 75 86 89 118 133 86 193 148 178
Probability of weight class: 0.00187366 0 0 0 0 0.00133833 0.00133833 0 0 0 0 0.00294433 0.00107066 0.00187366 0.00133833
r {duration v. weight}: 0.993375     t-dist: 528.705
--------------------------------------------------------------------------------
Test Duration Data Points: 1908     min: 0.399338     mean: 0.443984     max: 0.459852
Test Weight Data Points: 1908     min: 0.488746     mean: 0.611679     max: 0.826618
ID: 9 110 132 139 142 167 187 206 208 212 214 219 233 237 293 295 303 324 325 337 344 360 369 373 423 469 486 490 504 520 5

**Standard Error:**

---

## 7) Score: 0.0 Run Time: 4297 ms

**Example Case:**

Seed: 8

**Fatal Errors:**

**Standard Out:**

startup = 0
Training Categories: 609
w categories: 609     d categories: 609
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.787184
Most likely duration: 0.412033
--------------------------------------------------------------------------------
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 0 0 0 0 0 0 0 0 0 0 4 0 4 5 0 0 5 5 0 10 5 0 0 0 5 10 5 0 3 0 16 16 16 0 12 33 18 51 31 29 46 41 40 40 56
Total births: 3 3 3 3 3 3 3 3 3 3 3 7 7 11 16 16 16 21 26 26 36 41 41 41 41 46 56 61 61 64 64 80 96 112 112 124 157 175 2
Probability of births: 0.000804937 0.000804937 0.000804937 0.000804937 0.000804937 0.000804937 0.000804937 0.000804937 0.00
Birth durations: 0.338006 0.339642 0.341277 0.342913 0.344548 0.346184 0.347819 0.349455 0.35109 0.352726 0.354361 0.355997
--------------------------------------------------------------------------------
Number in weight: 7 0 0 0 0 0 5 0 0 6 0 4 5 12 22 10 17 36 3 16 20 23 52 45 65 42 85 87 70 103 73 118 124 143 77 191 130
Probability of weight class: 0.00188172 0 0 0 0 0 0.00134409 0 0 0 0.0016129 0 0.00107527 0.00134409 0.00322581 0.00591398

```
r {duration v. weight}: 0.999578    t-dist: 2099.07
--------------------------------------------------------------------------------
Test Duration Data Points: 1924    min: 0.397702    mean: 0.420512    max: 0.451674
Test Weight Data Points: 1924    min: 0.444289    mean: 0.709944    max: 0.83551
ID: 14 58 64 86 87 88 159 168 180 184 199 208 219 229 233 245 261 303 318 325 340 351 356 365 367 407 423 432 441 470 471 4
```

Standard Error:

8) Score: 0.0 Run Time: 4320 ms

Example Case:

Seed: 9

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 705
w categories: 705    d categories: 705
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.539149
Most likely duration: 0.447732
--------------------------------------------------------------------------------
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: 4 5 0 0 0 0 5 0 0 10 5 0 0 5 10 0 0 0 0 3 0 11 17 11 10 17 0 25 9 0 35 21 23 44 29 0 47 61 72 40 108 93 139 7
Total births: 4 9 9 9 9 9 14 14 14 24 29 29 29 34 44 44 44 44 44 47 47 58 75 86 96 113 113 138 147 147 182 203 226 270 299
Probability of births: 0.00106895 0.00240513 0.00240513 0.00240513 0.00240513 0.00240513 0.00374131 0.00374131 0.00374131 (
Birth durations: 0.361371 0.362753 0.364136 0.365518 0.3669 0.368283 0.369665 0.371048 0.37243 0.373812 0.375195 0.376577 (
--------------------------------------------------------------------------------
Number in weight: 4 0 0 0 5 5 0 0 0 0 11 0 10 0 12 27 0 28 30 0 11 26 34 48 34 47 66 76 104 87 86 69 118 101 153 112 145 16
Probability of weight class: 0.00106895 0 0 0 0.00133618 0.00133618 0 0 0 0 0.0029396 0 0.00267237 0 0.00320684 0.00721539
r {duration v. weight}: 0.992152    t-dist: 485.263
--------------------------------------------------------------------------------
Test Duration Data Points: 1909    min: 0.407681    mean: 0.439683    max: 0.45883
Test Weight Data Points: 1909    min: 0.446615    mean: 0.586755    max: 0.783073
ID: 9 12 14 39 66 87 88 89 128 136 144 159 165 174 187 188 204 214 233 237 295 301 310 314 320 321 342 357 360 365 369 373
```

Standard Error:

9) Score: 0.0 Run Time: 4307 ms

Example Case:

Seed: 10

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 613
w categories: 613    d categories: 613
--------------------------------------------------------------------------------
Number of categories for p-weight and p-duration: 80
--------------------------------------------------------------------------------
Most likely weight: 0.649268
Most likely duration: 0.447732
--------------------------------------------------------------------------------
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: 4 0 0 0 0 0 5 0 0 10 0 0 0 5 10 5 5 0 0 0 5 10 17 16 10 11 0 21 23 14 27 11 11 56 33 0 35 76 39 74 138 83 117
Total births: 4 4 4 4 4 4 9 9 9 19 19 19 19 24 34 39 44 44 44 44 49 59 76 92 102 113 113 134 157 171 198 209 220 276 309 30
Probability of births: 0.00107585 0.00107585 0.00107585 0.00107585 0.00107585 0.00107585 0.00242066 0.00242066 0.00242066 (
Birth durations: 0.361371 0.362753 0.364136 0.365518 0.3669 0.368283 0.369665 0.371048 0.37243 0.373812 0.375195 0.376577 (
--------------------------------------------------------------------------------
Number in weight: 4 0 0 0 5 5 0 0 0 0 11 0 8 0 12 22 5 33 22 3 21 23 35 27 50 48 67 86 130 107 63 74 133 111 106 90 162 138
Probability of weight class: 0.00107585 0 0 0 0.00134481 0.00134481 0 0 0 0 0.00295858 0 0.00215169 0 0.00322754 0.0059171€
r {duration v. weight}: 0.999599    t-dist: 2152.13
```

```
--------------------------------------------------------------------------
Test Duration Data Points: 1933    min: 0.407681    mean: 0.444177    max: 0.45883
Test Weight Data Points: 1933      min: 0.446615    mean: 0.644675    max: 0.791927
ID: 9 12 39 86 89 110 123 128 132 139 142 144 165 168 174 180 187 206 208 230 261 293 301 303 306 310 321 324 337 344 357 :
```

Standard Error:

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