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

0) Score: 0.0 Run Time: 4307 ms

Example Case:

Seed: 1

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 657
w categories: 657      d categories: 657
```

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 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
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 69 105 115 126 164 187 207 238 259 293
Probability of births: 0.00107904 0.00107904 0.00215808 0.00350688 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 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 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: 0.430858	max: 0.452775
Test Weight Data Points: 1944	min: 0.446615	mean: 0.655525	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: 4287 ms

Example Case:

Seed: 2

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 612
w categories: 612    d categories: 612
```

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

[illegible]

Number in weight: 7 0 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 0.00295938
r {duration v. weight}: 0.998369 t-dist: 1066.72

Test Duration Data Points: 1927 min: 0.399961 mean: 0.432361 max: 0.450195
Test Weight Data Points: 1927 min: 0.404278 mean: 0.537319 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: 34474.39135559105 Run Time: 4329 ms

Example Case:

Seed: 3

Fatal Errors:

Standard Out:

startup = 0
Training Categories: 694
w categories: 694 d categories: 694

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 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 87 200 147
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: 0.433046 max: 0.459862
Test Weight Data Points: 1928 min: 0.402344 mean: 0.57235 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: 4318 ms

Example Case:

Seed: 4

Fatal Errors:

Standard Out:

startup = 0
Training Categories: 685
w categories: 685 d categories: 685

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 19:
Probability of births: 0.000806452 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 0.35642:

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

Standard Error:

Example Case:

Seed: 5

Fatal Errors:

Standard Out:

Standard Error:

Example Case:

Seed: 6

Fatal Errors:

Standard Out:

ontest/?module=ViewExampleResults&pm=13367&rd=16065&cr=23306768

Standard Error:

Example Case:

Fatal Errors:

[illegible]

Example Case:

Fatal Errors:

```

Startup = 0
Training Categories: 620
w categories: 620    d categories: 620

-----
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 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 50
Total births: 3 3 3 3 3 3 3 3 3 3 7 11 16 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 0.000804937 0.0
Birth durations: 0.338006 0.339642 0.341277 0.342913 0.344548 0.346184 0.347819 0.349455 0.35109 0.352726 0.354361 0.35599
-----
Number in weight: 7 0 0 0 0 0 5 0 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 0.00134409 0 0 0 0.0016129 0 0.00107527 0.00134409 0.00322581 0.00591399

```

```
r {duration v. weight}: 0.999578      t-dist: 2099.07
-----
Test Duration Data Points: 1924      min: 0.404245      mean: 0.420507      max: 0.451674
Test Weight Data Points: 1924      min: 0.453181      mean: 0.709961      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: 4340 ms

Example Case:

Seed: 9

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 715
w categories: 715      d categories: 715
-----
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 1
Total births: 4 9 9 9 9 9 14 14 14 24 29 29 29 34 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 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: 0.395239      mean: 0.439655      max: 0.45883
Test Weight Data Points: 1909      min: 0.384635      mean: 0.586653      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: 4297 ms

Example Case:

Seed: 10

Fatal Errors:

Standard Out:

```
startup = 0
Training Categories: 633
w categories: 633      d categories: 633
-----
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 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 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 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 0.00591716
r {duration v. weight}: 0.999599      t-dist: 2152.13
```

Test Duration Data Points: 1933 min: 0.407681 mean: 0.444167 max: 0.45883
Test Weight Data Points: 1933 min: 0.446615 mean: 0.644722 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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