```
K = 35
Aggregate desired wealth = 3.0344
New Kmin is 20, new Kmax is 35
New K is 27.5
Tolerance is -31.9656


K = 27.5
Aggregate desired wealth = 77.225
New Kmin is 27.5, new Kmax is 35
New K is 31.25
Tolerance is 49.725


K = 31.25
Aggregate desired wealth = 5.8854
New Kmin is 27.5, new Kmax is 31.25
New K is 29.375
Tolerance is -25.3646


K = 29.375
Aggregate desired wealth = 74.8705
New Kmin is 29.375, new Kmax is 31.25
New K is 30.3125
Tolerance is 45.4955


K = 30.3125
Aggregate desired wealth = 17.1782
New Kmin is 29.375, new Kmax is 30.3125
New K is 29.8438
Tolerance is -13.1343


K = 29.8438
Aggregate desired wealth = 71.9155
New Kmin is 29.8438, new Kmax is 30.3125
New K is 30.0781
Tolerance is 42.0717


K = 30.0781
Aggregate desired wealth = 69.7074
New Kmin is 30.0781, new Kmax is 30.3125
New K is 30.1953
Tolerance is 39.6293


K = 30.1953
Aggregate desired wealth = 34.5624
```

New Kmin is 30.1953, new Kmax is 30.3125
New K is 30.2539
Tolerance is 4.3671

K = 30.2539
Aggregate desired wealth = 19.0287
New Kmin is 30.1953, new Kmax is 30.2539
New K is 30.2246
Tolerance is -11.2252

K = 30.2246
Aggregate desired wealth = 31.6346
New Kmin is 30.2246, new Kmax is 30.2539
New K is 30.2393
Tolerance is 1.41

K = 30.2393
Aggregate desired wealth = 20.6649
New Kmin is 30.2246, new Kmax is 30.2393
New K is 30.2319
Tolerance is -9.5743

K = 30.2319
Aggregate desired wealth = 30.4829
New Kmin is 30.2319, new Kmax is 30.2393
New K is 30.2356
Tolerance is 0.25098

K = 30.2356
Aggregate desired wealth = 22.0349
New Kmin is 30.2319, new Kmax is 30.2356
New K is 30.2338
Tolerance is -8.2007

K = 30.2338
Aggregate desired wealth = 27.3475
New Kmin is 30.2319, new Kmax is 30.2338
New K is 30.2328
Tolerance is -2.8862

K = 30.2328
Aggregate desired wealth = 30.0165
New Kmin is 30.2319, new Kmax is 30.2328
New K is 30.2324

Tolerance is -0.21632

K = 30.2324
Aggregate desired wealth = 30.2854
New Kmin is 30.2324, new Kmax is 30.2328
New K is 30.2326
Tolerance is 0.05298

K = 30.2326
Aggregate desired wealth = 30.1649
New Kmin is 30.2324, new Kmax is 30.2326
New K is 30.2325
Tolerance is -0.067748

K = 30.2325
Aggregate desired wealth = 30.2265
New Kmin is 30.2324, new Kmax is 30.2325
New K is 30.2324
Tolerance is -0.0060294

Gini coefficient of 0.33428
Elapsed time is 8256.467155 seconds.
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