|  |  |  |  |
| --- | --- | --- | --- |
| Id | Gender | Income\_class | Savings |
| 1 | M | 2 | 1000 |
| 2 | F | 3 | 2500  Sampling Frame |
| 3 | M | 1 | 1300 |
| 4 | F | 4 | 3500 |
| 5 | M | 1 | 1800 |
| 6 | F | 2 | 2800 |
| 7 | M | 3 | 1400 |
| 8 | F | 4 | 3000 |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| STRATUM | N | Mean(Savings) | Stdev(Savings) | Gender | Income\_class |
| 1\*1 | 2 | 1550 | 250 | 1 | 1 |
| 1\*2 | 1 | 1000 | 0 | 1 | 2  Atomic strata |
| 1\*3 | 1 | 1400 | 0 | 1 | 3 |
| 2\*2 | 1 | 2800 | 0 | 2 | 2 |
| 2\*3 | 1 | 2500 | 0 | 2 | 3 |
| 2\*4 | 2 | 3250 | 250 | 2 | 4 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 |  | 1 |  | 1  Individuals in a generation |
| 1 |  | 2 |  | 2 |
| 1 | … | 2 | … | 3 |
| 1 |  | 3 |  | 4 |
| 1 |  | 2 |  | 5 |
| 1 |  | 1 |  | 6 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1 |  | 1 |  | 1  Individuals in generation k |
| 1 |  | 2 |  | 2 |
| 1 | … | 2 | … | 3 |
| 1 |  | 3 |  | 4 |
| 1 |  | 2 |  | 5 |
| 1 |  | 1 |  | 6 |

Selection,

mutation,

crossover

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 6 |  | 1 |  | 3  Individuals in generation k+1 |
| 1 |  | 2 |  | 2 |
| 3 | … | 2 | … | 3 |
| 1 |  | 3 |  | 1 |
| 1 |  | 2 |  | 5 |
| 5 |  | 1 |  | 6 |