ES-18

Offspring size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| O\_size | AUC | Avg.fitness | max | median |
| 20 | 0.710117 | 2.72 | 3.12 | 2.78 |
| 40 | 0.694866 | 2.69 | 3 | 2.67 |
| 60 | 0.719043 | 2.75 | 3.12 | 2.74 |
| 80 | 0.736288 | 2.84 | 3.54 | 2.78 |
| 100 | 0.710117 | 2.74 | 3.18 | 2.69 |

Step size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S\_size | AUC | Avg.fitness | max | median |
| 0.1 | 0.76771 | 3.03 | 3.54 | 3.06 |
| 0.3 | 0.716645 | 2.78 | 3.39 | 2.69 |
| 0.5 | 0.710117 | 2.72 | 3.12 | 2.78 |
| 0.7 | 0.701296 | 2.76 | 3.06 | 2.71 |
| 0.9 | 0.737152 | 2.84 | 3.54 | 2.74 |

Population size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P\_size | AUC | Avg.fitness | max | median |
| 2 | 0.730266 | 2.87 | 3.54 | 2.78 |
| 5 | 0.760877 | 2.89 | 3.32 | 2.89 |
| 10 | 0.713226 | 2.77 | 3.12 | 2.78 |
| 20 | 0.710117 | 2.74 | 3.12 | 2.78 |
| 50 | 0.6895085 | 2.69 | 3.25 | 2.67 |

ES-19

Offspring size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| O\_size | AUC | Avg.fitness | max | median |
| 20 | 0.752514 | 43.5 | 48 | 44 |
| 40 | 0.745372 | 43.2 | 46 | 44 |
| 60 | 0.727976 | 43.3 | 46 | 44 |
| 80 | 0.694053 | 42.4 | 46 | 42 |
| 100 | 0.713743 | 43.1 | 46 | 44 |

Step size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S\_size | AUC | Avg.fitness | max | median |
| 0.1 | 0.65115 | 40.5 | 44 | 40 |
| 0.3 | 0.734811 | 42.7 | 46 | 43 |
| 0.5 | 0.752514 | 43.5 | 48 | 44 |
| 0.7 | 0.734355 | 43.4 | 46 | 44 |
| 0.9 | 0.730375 | 42.6 | 46 | 42 |

Population size:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| P\_size | AUC | Avg.fitness | max | median |
| 2 | 0.716192 | 42.5 | 46 | 42 |
| 5 | 0.719507 | 42.7 | 46 | 42 |
| 10 | 0.760318 | 43.1 | 46 | 42 |
| 20 | 0.758023 | 43.7 | 48 | 44 |
| 50 | 0.7485365 | 43.3 | 46 | 44 |