

Performance Comparison - BAR

| Combination | Avg Fitness | Avg Time (s) | Avg Gap to BKS (%) |
|-----------------|-------------|--------------|--------------------|
| Baseline | 1203.2 | 49.63 | 6.39% |
| LS_Set2_Ranking | 1216.0 | 41.40 | 7.25% |
| No_Mutation | 1231.6 | 30.71 | 8.34% |
| LS_Set5_Ranking | 1239.1 | 55.15 | 9.24% |
| No_LocalSearch | 1247.6 | 39.19 | 10.04% |
| LS_Set5_OneShot | 1292.2 | 54.63 | 14.29% |
| LS_Set2_OneShot | 1373.5 | 36.01 | 20.25% |