# Best Fitness by InstanceID and Algorithm

Algorithm ◀ ● Gradient ... ● Hybrid SA... ● Hybrid SA... ● Hybrid SA... ● Hybrid SA... ● ILS ● Random ... ● Simulate... ● Tabu Search
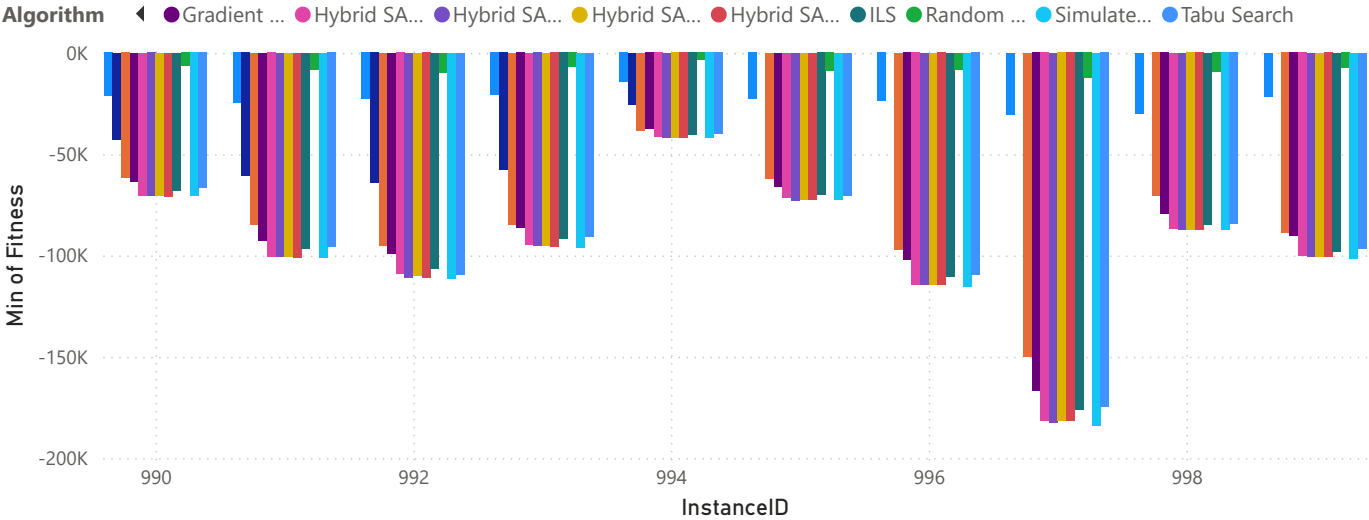


# Average of Fitness by Run and Algorithm

Algorithm ● Hybrid SAGD3 ● ILS ● Simulated Annealing ● Tabu Search
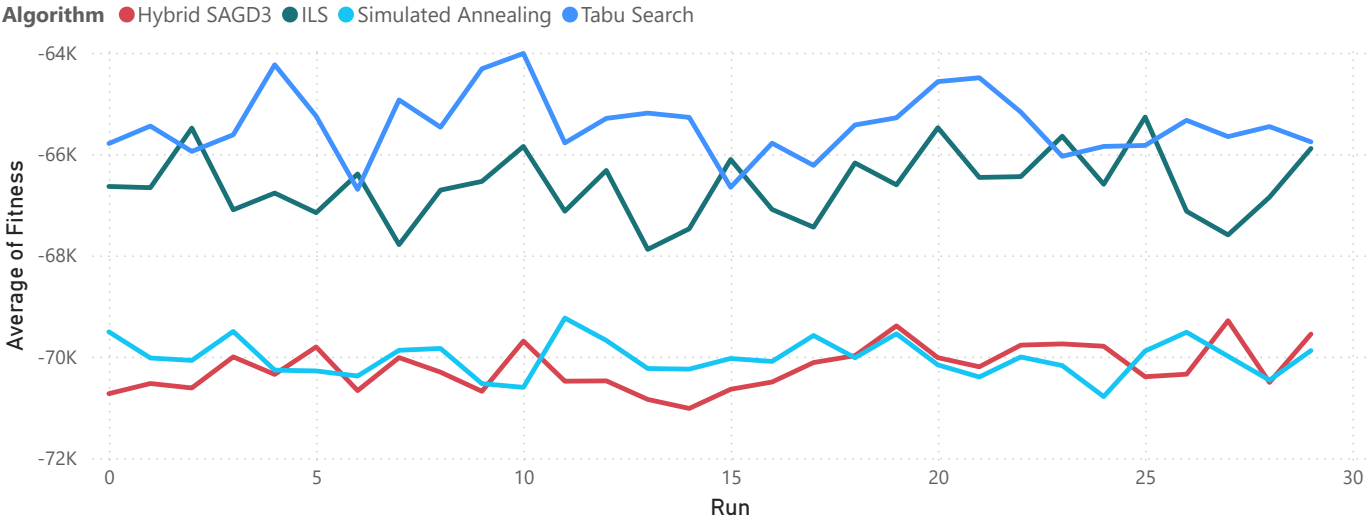


| InstanceID | Min of Fitness | BestKnown | Algorithm |
|---|---|---|---|
| 990 | -21 339,00 | -70 459,00 | Genetic Algorithm |
| 990 | -42 793,00 | -70 459,00 | Gradient Descent |
| 990 | -61 779,00 | -70 459,00 | Gradient Descent DynLR |
| 990 | -63 511,00 | -70 459,00 | Gradient Descent0 |
| 990 | -70 365,00 | -70 459,00 | Hybrid SAGD |
| 990 | -70 595,00 | -70 459,00 | Hybrid SAGD1 |
| 990 | -70 325,00 | -70 459,00 | Hybrid SAGD2 |
| 990 | -71 021,00 | -70 459,00 | Hybrid SAGD3 |
| 990 | -67 881,00 | -70 459,00 | ILS |
| 990 | -6 547,00 | -70 459,00 | Random Search |
| 990 | -70 787,00 | -70 459,00 | Simulated Annealing |
| 990 | -66 697,00 | -70 459,00 | Tabu Search |
| 991 | -24 718,00 | -102 182,00 | Genetic Algorithm |
| 991 | -60 834,00 | -102 182,00 | Gradient Descent |
| 991 | -84 754,00 | -102 182,00 | Gradient Descent DynLR |
| 991 | -92 672,00 | -102 182,00 | Gradient Descent0 |
| 991 | -100 830,00 | -102 182,00 | Hybrid SAGD |
| 991 | -100 474,00 | -102 182,00 | Hybrid SAGD1 |
| 991 | -100 412,00 | -102 182,00 | Hybrid SAGD2 |
| 991 | -101 044,00 | -102 182,00 | Hybrid SAGD3 |
| 991 | -96 472,00 | -102 182,00 | ILS |
| 991 | -8 142,00 | -102 182,00 | Random Search |
| 991 | -101 100,00 | -102 182,00 | Simulated Annealing |
| 991 | -95 910,00 | -102 182,00 | Tabu Search |
| 992 | -22 727,00 | -112 475,00 | Genetic Algorithm |
| 992 | -64 243,00 | -112 475,00 | Gradient Descent |
| 992 | -95 177,00 | -112 475,00 | Gradient Descent DynLR |
| 992 | -99 095,00 | -112 475,00 | Gradient Descent0 |
| 992 | -109 113,00 | -112 475,00 | Hybrid SAGD |
| 992 | -110 959,00 | -112 475,00 | Hybrid SAGD1 |
| 992 | -109 877,00 | -112 475,00 | Hybrid SAGD2 |
| 992 | -111 153,00 | -112 475,00 | Hybrid SAGD3 |