ECOLE
POLYTECHNIQUE
DE BRUXELLES

ULB

UNIVERSITÉ LIBRE DE BRUXELLES

Automated configuration of multi-objective algorithms: experiment results tables

Master's thesis submitted in order to be awarded the Master's Degree
in Master of science in Computer Science and Engineering with focus Professional

Loris Sperati

Supervisor
Prof. Thomas Stützle

Advisor
Yunshuang Xiao

Service
IRIDIA

Academic year
2024 - 2025

Contents

1 Data Tables of Chapter 4

1.1 Index tables for PLS (MS+TCT

Table 1: MS+TCT — 20x20 — accept

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
always$_diversify$	0.746317	4.64715e+06	-92.9808	8.2691	90
improve	0.746185	4.64629e+06	-92.6032	8.236	90

Table 2: MS+TCT — 20x20 — ig$_d$

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
4	0.750969	4.6762e+06	-104.994	8.31806	90
5	0.741533	4.61724e+06	-80.59	8.18704	90

Table 3: MS+TCT — 20x20 — init

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
irandom	0.751513	4.68003e+06	-79.0583	8.26806	90
neh	0.740989	4.61341e+06	-106.526	8.23704	90

Table 4: MS+TCT — 20x20 — neigh

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
insert	0.926203	5.76846e+06	-244.907	11.8835	90
exchange	0.86093	5.36403e+06	-216.263	9.15347	90
transpose	0.451621	2.80766e+06	182.794	3.72066	90

Table 5: MS+TCT — 20x20 — ptype

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
tplsany	0.746398	4.64696e+06	-94.2517	8.24537	90
plain	0.746104	4.64648e+06	-91.3323	8.25972	90

Table 6: MS+TCT — 20x20 — search

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
first	0.747397	4.65371e+06	-94.0959	8.375	90
best	0.745105	4.63973e+06	-91.4881	8.13009	90

Table 7: MS+TCT — 20x20 — term

value	hv$_norm_avg(0-1)$	hv$_avg$	eps$_avg$	card$_avg$	count
locmin	0.74629	4.64684e+06	-93.2333	8.24965	90
maxstep	0.746212	4.64659e+06	-92.3507	8.25544	90

Table 8: MS+TCT — 50x20 — accept

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
$\mathrm{always}_d iversify$	0.708578	3.14491e+07	-6.17176	14.9168	90
improve	0.707795	3.14142e+07	-2.48634	14.8603	90

Table 9: MS+TCT — 50x20 — ig_d

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
5	0.709789	3.15022e+07	-18.8044	14.9522	90
6	0.706584	3.13611e+07	10.1463	14.8249	90

Table 10: MS+TCT — 50x20 — init

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
neh	0.710915	3.15528e+07	-230.15	14.8227	90
irandom	0.705458	3.13106e+07	221.492	14.9544	90

Table 11: MS+TCT — 50x20 — neigh

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
insert	0.927136	4.11569e+07	-505.195	22.2332	90
exchange	0.860131	3.81723e+07	-465.7	17.1637	90
transpose	0.337292	1.49658e+07	957.908	5.26875	90

Table 12: MS+TCT — 50x20 — ptype

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
plain	0.70836	3.14386e+07	-6.50463	14.849	90
tplsany	0.708012	3.14247e+07	-2.15347	14.9281	90

Table 13: MS+TCT — 50x20 — search

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
first	0.708686	3.14583e+07	-16.2509	14.9572	90
best	0.707687	3.1405e+07	7.59282	14.8199	90

Table 14: MS+TCT — 50x20 — term

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
locmin	0.708984	3.14677e+07	-6.76157	14.9336	90
maxstep	0.707389	3.13956e+07	-1.89653	14.8435	90

Table 15: MS+TCT — 100x20 — accept

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
$\mathrm{always}_d iversify$	0.714631	1.38314e+08	537.888	20.2016	90
improve	0.713891	1.38173e+08	525.521	20.1709	90

Table 16: MS+TCT — 100x20 — ig_d

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
6	0.715068	1.38397e+08	484.522	20.505	90
7	0.713455	1.38091e+08	578.887	19.8676	90

Table 17: MS+TCT — 100x20 — init

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
neh	0.723382	1.39975e+08	-345.448	20.1537	90
irandom	0.70514	1.36513e+08	1408.86	20.2189	90

Table 18: MS+TCT — 100x20 — neigh

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
insert	0.925562	1.7916e+08	-738.719	27.4736	90
exchange	0.904043	1.75029e+08	-724.871	26.8625	90
transpose	0.313179	6.05423e+07	3058.7	6.22274	90

Table 19: MS+TCT — 100x20 — ptype

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
plain	0.714861	1.38361e+08	522.588	20.2486	90
tplsany	0.713661	1.38127e+08	540.821	20.124	90

Table 20: MS+TCT — 100x20 — search

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
first	0.716711	1.38714e+08	514.315	20.475	90
best	0.711811	1.37774e+08	549.094	19.8976	90

Table 21: MS+TCT — 100x20 — term

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
locmin	0.717653	1.38894e+08	544.159	20.6434	90
maxstep	0.710869	1.37593e+08	519.25	19.7292	90

Table 22: MS+TCT — 200x20 — accept

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
$\mathrm{always}_d iversify$	0.644996	6.83373e+08	6694.5	12.3942	90
improve	0.641712	6.79817e+08	6678.21	12.2676	90

Table 23: MS+TCT — 200x20 — ig_d

value	$\mathrm{hv}_n orm_a vg(0-1)$	$\mathrm{hv}_a vg$	$\mathrm{eps}_a vg$	$\mathrm{card}_a vg$	count
8	0.645509	6.83846e+08	6759.76	12.4772	90
7	0.6412	6.79344e+08	6612.95	12.1846	90

Table 24: MS+TCT — 200x20 — init

value	hv$_norm_avg$(0 − 1)	hv$_avg$	eps$_avg$	card$_avg$	count
neh	0.672429	7.12053e+08	52.813	12.7562	90
irandom	0.614279	6.51137e+08	13319.9	11.9056	90

Table 25: MS+TCT — 200x20 — neigh

value	hv$_norm_avg$(0 − 1)	hv$_avg$	eps$_avg$	card$_avg$	count
exchange	0.840679	8.90545e+08	-535.093	19.4163	90
insert	0.735631	7.79481e+08	1944.14	11.2839	90
transpose	0.353751	3.74759e+08	18650	6.29253	90

Table 26: MS+TCT — 200x20 — ptype

value	hv$_norm_avg$(0 − 1)	hv$_avg$	eps$_avg$	card$_avg$	count
tplsany	0.644902	6.83258e+08	6674.61	12.4212	90
plain	0.641806	6.79932e+08	6698.1	12.2406	90

Table 27: MS+TCT — 200x20 — search

value	hv$_norm_avg$(0 − 1)	hv$_avg$	eps$_avg$	card$_avg$	count
first	0.646462	6.84794e+08	7320.03	13.3902	90
best	0.640246	6.78396e+08	6052.68	11.2716	90

Table 28: MS+TCT — 200x20 — term

value	hv$_norm_avg$(0 − 1)	hv$_avg$	eps$_avg$	card$_avg$	count
locmin	0.719093	7.61761e+08	5724.67	15.9027	90
maxstep	0.567616	6.0143e+08	7648.04	8.75914	90

1.2 Index tables for PLS (MS+TT)

Table 29: MS+TT — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_diversify$	0.827095	2.80339e+06	0.208	11.0215	90
improve	0.825819	2.7999e+06	0.211	11.0068	90

Table 30: MS+TT — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
4	0.829666	2.81193e+06	0.196	11.1381	90
5	0.823248	2.79136e+06	0.223	10.8903	90

Table 31: MS+TT — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.842843	2.85809e+06	0.115	11.1676	90
neh	0.810071	2.7452e+06	0.303	10.8608	90

Table 32: MS+TT — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.950477	3.23667e+06	-0.030	14.4753	90
exchange	0.925847	3.15199e+06	-0.015	12.1741	90
transpose	0.603047	2.01628e+06	0.672	6.39306	90

Table 33: MS+TT — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.82755	2.80571e+06	0.206	11.0966	90
plain	0.825364	2.79758e+06	0.212	10.9317	90

Table 34: MS+TT — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.826608	2.80397e+06	0.206	11.0234	90
best	0.826306	2.79932e+06	0.212	11.005	90

Table 35: MS+TT — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.826502	2.80224e+06	0.210	11.0174	90
locmin	0.826412	2.80105e+06	0.208	11.011	90

Table 36: MS+TT — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.694321	2.64971e+07	0.173	30.3891	90
always$_d iversify$	0.693846	2.64789e+07	0.163	30.3057	90

Table 37: MS+TT — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.694829	2.65159e+07	0.172	30.4993	90
6	0.693339	2.646e+07	0.164	30.1955	90

Table 38: MS+TT — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.698093	2.6652e+07	-0.106	30.1554	90
irandom	0.690075	2.6324e+07	0.443	30.5394	90

Table 39: MS+TT — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.939817	3.58389e+07	-0.413	44.4842	90
exchange	0.90091	3.43553e+07	-0.403	40.3453	90
transpose	0.241525	9.2698e+06	1.320	6.21267	90

Table 40: MS+TT — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.694184	2.64913e+07	0.160	30.3383	90
tplsany	0.693984	2.64847e+07	0.176	30.3565	90

Table 41: MS+TT — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.696956	2.65958e+07	0.139	30.4398	90
best	0.691211	2.63802e+07	0.197	30.255	90

Table 42: MS+TT — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.694215	2.649e+07	0.168	30.239	90
locmin	0.693952	2.6486e+07	0.169	30.4558	90

Table 43: MS+TT — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.683366	1.12377e+08	0.861	20.9355	90
always$_d iversify$	0.683156	1.12349e+08	0.844	20.928	90

Table 44: MS+TT — 100x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.684168	1.12532e+08	0.876	20.8091	90
6	0.682353	1.12194e+08	0.829	21.0544	90

Table 45: MS+TT — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.697588	1.14716e+08	-0.303	20.6122	90
irandom	0.668934	1.1001e+08	2.008	21.2514	90

Table 46: MS+TT — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.907155	1.49109e+08	-0.711	28.2161	90
exchange	0.896636	1.47409e+08	-0.704	28.545	90
transpose	0.245992	4.05704e+07	3.972	6.0342	90

Table 47: MS+TT — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.683337	1.12371e+08	0.835	20.9758	90
plain	0.683185	1.12354e+08	0.870	20.8877	90

Table 48: MS+TT — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.684944	1.12635e+08	0.804	21.0862	90
best	0.681578	1.12091e+08	0.900	20.7773	90

Table 49: MS+TT — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.68995	1.1346e+08	0.855	21.5685	90
maxstep	0.676572	1.11266e+08	0.850	20.295	90

Table 50: MS+TT — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.62457	5.75215e+08	7.057	13.1318	90
improve	0.622165	5.73028e+08	7.095	12.9407	90

Table 51: MS+TT — 200x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
8	0.625785	5.76367e+08	7.100	13.136	90
7	0.620951	5.71876e+08	7.052	12.9366	90

Table 52: MS+TT — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.660935	6.08585e+08	-0.050	13.3784	90
irandom	0.585801	5.39658e+08	14.202	12.6942	90

Table 53: MS+TT — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.833579	7.67572e+08	-0.614	20.6712	90
insert	0.721331	6.64437e+08	1.696	12.2104	90
transpose	0.315194	2.90355e+08	20.146	6.22726	90

Table 54: MS+TT — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.624863	5.75509e+08	7.054	13.1574	90
plain	0.621872	5.72734e+08	7.098	12.9152	90

Table 55: MS+TT — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.623633	5.74281e+08	7.418	14.0769	90
best	0.623102	5.73962e+08	6.734	11.9957	90

Table 56: MS+TT — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.700723	6.45304e+08	6.247	16.406	90
maxstep	0.546012	5.02938e+08	7.905	9.66655	90

1.3 Index tables for PLS (TCT+TT)

Table 57: TCT+TT — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.787881	2.579e+07	-0.068	8.49942	90
improve	0.787656	2.5789e+07	-0.065	8.47951	90

Table 58: TCT+TT — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.791358	2.59015e+07	-0.078	8.61875	90
6	0.784179	2.56775e+07	-0.055	8.36019	90

Table 59: TCT+TT — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.792404	2.60295e+07	-0.099	8.20104	90
neh	0.783133	2.55496e+07	-0.034	8.77789	90

Table 60: TCT+TT — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.904079	2.99439e+07	-0.441	10.4115	90
exchange	0.887271	2.93929e+07	-0.439	10.0703	90
transpose	0.571955	1.80318e+07	0.681	4.98663	90

Table 61: TCT+TT — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.788526	2.58214e+07	-0.069	8.53021	90
plain	0.787011	2.57577e+07	-0.064	8.44873	90

Table 62: TCT+TT — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.791372	2.58982e+07	-0.070	8.52731	90
first	0.784165	2.56808e+07	-0.063	8.45162	90

Table 63: TCT+TT — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.788978	2.58259e+07	-0.070	8.67535	90
locmin	0.786559	2.57531e+07	-0.064	8.30359	90

Table 64: TCT+TT — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.666193	7.44057e+08	-11.331	28.7823	90
improve	0.665107	7.42869e+08	-11.306	28.6053	90

Table 65: TCT+TT — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.666734	7.44622e+08	-11.331	28.7115	90
7	0.664567	7.42305e+08	-11.306	28.6762	90

Table 66: TCT+TT — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.68152	7.62017e+08	-11.960	29.3294	90
irandom	0.649781	7.24909e+08	-10.678	28.0582	90

Table 67: TCT+TT — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.93303	1.0403e+09	-16.402	48.5517	90
exchange	0.854108	9.53365e+08	-15.265	33.8523	90
transpose	0.209812	2.36725e+08	-2.289	3.67743	90

Table 68: TCT+TT — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.666065	7.43886e+08	-11.324	28.7897	90
plain	0.665236	7.4304e+08	-11.314	28.5979	90

Table 69: TCT+TT — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.667436	7.45535e+08	-11.345	28.5228	90
best	0.663864	7.41391e+08	-11.292	28.8648	90

Table 70: TCT+TT — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.666224	7.43916e+08	-11.300	28.8162	90
maxstep	0.665077	7.43011e+08	-11.338	28.5714	90

Table 71: TCT+TT — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.660734	6.3341e+09	-39.658	2.07431	90
always$_d iversify$	0.660538	6.33232e+09	-39.628	2.11134	90

Table 72: TCT+TT — 100x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.663322	6.36028e+09	-39.843	2.06806	90
8	0.65795	6.30615e+09	-39.444	2.11759	90

Table 73: TCT+TT — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.694005	6.65702e+09	-42.631	2.1765	90
irandom	0.627267	6.00941e+09	-36.655	2.00914	90

Table 74: TCT+TT — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.889003	8.51773e+09	-54.785	2.19635	90
exchange	0.852499	8.16439e+09	-52.524	2.07535	90
transpose	0.240406	2.31751e+09	-11.620	2.00677	90

Table 75: TCT+TT — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.661186	6.339e+09	-39.685	2.10475	90
tplsany	0.660086	6.32742e+09	-39.601	2.0809	90

Table 76: TCT+TT — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.662515	6.34909e+09	-39.742	2.08241	90
best	0.658757	6.31734e+09	-39.545	2.10324	90

Table 77: TCT+TT — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.664332	6.36747e+09	-39.816	2.11794	90
maxstep	0.65694	6.29895e+09	-39.471	2.06771	90

Table 78: TCT+TT — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.627265	7.04463e+10	-130.045	1.54977	90
improve	0.622612	6.992e+10	-129.151	1.5515	90

Table 79: TCT+TT — 200x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
8	0.625044	7.02022e+10	-129.562	1.561	90
9	0.624833	7.01641e+10	-129.634	1.54028	90

Table 80: TCT+TT — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.691641	7.7692e+10	-146.565	1.57465	90
irandom	0.558236	6.26743e+10	-112.631	1.52662	90

Table 81: TCT+TT — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.868865	9.75287e+10	-184.994	1.41944	90
insert	0.723735	8.12501e+10	-154.587	1.42691	90
transpose	0.282215	3.17707e+10	-49.212	1.80556	90

Table 82: TCT+TT — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.625448	7.02446e+10	-129.712	1.55775	90
plain	0.624429	7.01218e+10	-129.484	1.54352	90

Table 83: TCT+TT — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.639536	7.18078e+10	-132.325	1.58021	90
best	0.61034	6.85585e+10	-126.871	1.52106	90

Table 84: TCT+TT — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.692889	7.78022e+10	-143.448	1.60104	90
maxstep	0.556988	6.25641e+10	-115.748	1.50023	90

1.4 Index tables for TPLS (MS+TCT)

Table 85: TPLS (MS+TCT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.690034	3.94851e+06	0.017	2.28507	90
improve	0.688311	3.94057e+06	0.019	2.29363	90

Table 86: TPLS (MS+TCT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
4	0.71175	4.07389e+06	-0.011	2.31227	90
5	0.666595	3.81519e+06	0.047	2.26644	90

Table 87: TPLS (MS+TCT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.696938	3.99157e+06	0.031	2.30313	90
neh	0.681407	3.89751e+06	0.005	2.27558	90

Table 88: TPLS (MS+TCT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.740239	4.23987e+06	-0.030	2.29757	90
exchange	0.714023	4.08678e+06	-0.013	2.29097	90
transpose	0.613255	3.50697e+06	0.098	2.27951	90

Table 89: TPLS (MS+TCT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.691538	3.9593e+06	0.017	2.33831	90
plain	0.686808	3.92978e+06	0.019	2.24039	90

Table 90: TPLS (MS+TCT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.689441	3.94577e+06	0.019	2.27963	90
first	0.688904	3.94332e+06	0.017	2.29907	90

Table 91: TPLS (MS+TCT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.692927	3.96572e+06	0.014	2.2934	90
locmin	0.685418	3.92336e+06	0.022	2.2853	90

Table 92: TPLS (MS+TCT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.696179	2.42987e+07	0.194	2.27813	90
always$_d iversify$	0.695599	2.42805e+07	0.185	2.28113	90

Table 93: TPLS (MS+TCT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.715727	2.4984e+07	0.146	2.2809	90
6	0.67605	2.35952e+07	0.233	2.27836	90

Table 94: TPLS (MS+TCT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.697312	2.43448e+07	0.374	2.30637	90
neh	0.694465	2.42344e+07	0.006	2.25289	90

Table 95: TPLS (MS+TCT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.795217	2.77502e+07	-0.114	2.31649	90
exchange	0.764686	2.6698e+07	-0.089	2.32726	90
transpose	0.527763	1.84206e+07	0.772	2.19514	90

Table 96: TPLS (MS+TCT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.699462	2.44181e+07	0.183	2.37882	90
plain	0.692316	2.4161e+07	0.196	2.18044	90

Table 97: TPLS (MS+TCT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.699446	2.44166e+07	0.182	2.27975	90
best	0.692331	2.41626e+07	0.198	2.27951	90

Table 98: TPLS (MS+TCT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.697621	2.43461e+07	0.188	2.28148	90
maxstep	0.694156	2.4233e+07	0.192	2.27778	90

Table 99: TPLS (MS+TCT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.710338	1.13952e+08	0.880	2.42755	90
always$_d iversify$	0.709942	1.1389e+08	0.873	2.43345	90

Table 100: TPLS (MS+TCT) — 100x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.727325	1.16677e+08	0.790	2.45139	90
7	0.692955	1.11165e+08	0.962	2.40961	90

Table 101: TPLS (MS+TCT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.717944	1.15105e+08	0.028	2.33241	90
irandom	0.702335	1.12736e+08	1.725	2.52859	90

Table 102: TPLS (MS+TCT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.82523	1.32424e+08	-0.186	2.5441	90
insert	0.821646	1.31848e+08	-0.163	2.40417	90
transpose	0.483542	7.74909e+07	2.978	2.34323	90

Table 103: TPLS (MS+TCT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.714989	1.14706e+08	0.874	2.56632	90
plain	0.705291	1.13136e+08	0.879	2.29468	90

Table 104: TPLS (MS+TCT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.719285	1.15386e+08	0.847	2.47928	90
best	0.700995	1.12456e+08	0.906	2.38171	90

Table 105: TPLS (MS+TCT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.732069	1.17442e+08	0.839	2.55162	90
maxstep	0.68821	1.104e+08	0.913	2.30938	90

Table 106: TPLS (MS+TCT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.677132	6.01787e+08	5.358	2.21447	90
improve	0.676968	6.01627e+08	5.454	2.22222	90

Table 107: TPLS (MS+TCT) — 200x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.684769	6.08562e+08	5.257	2.21968	90
8	0.669331	5.94851e+08	5.555	2.21701	90

Table 108: TPLS (MS+TCT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.703724	6.25235e+08	0.183	2.15567	90
irandom	0.650376	5.78179e+08	10.629	2.28102	90

Table 109: TPLS (MS+TCT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.810795	7.20592e+08	0.040	2.27517	90
insert	0.779759	6.93154e+08	1.970	2.03403	90
transpose	0.440597	3.91375e+08	14.209	2.34583	90

Table 110: TPLS (MS+TCT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.690234	6.13464e+08	5.464	2.42824	90
plain	0.663866	5.8995e+08	5.349	2.00845	90

Table 111: TPLS (MS+TCT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.69292	6.15821e+08	4.531	2.03623	90
first	0.66118	5.87593e+08	6.281	2.40046	90

Table 112: TPLS (MS+TCT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.735762	6.53889e+08	4.299	2.42396	90
maxstep	0.618338	5.49524e+08	6.514	2.01273	90

1.5 Index tables for TPLS (MS+TT)

Table 113: TPLS (MS+TT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.771921	2.33916e+06	0.133	3.21968	90
always$_d iversify$	0.769711	2.33419e+06	0.132	3.23194	90

Table 114: TPLS (MS+TT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
4	0.78973	2.39577e+06	0.109	3.27361	90
5	0.751901	2.27757e+06	0.156	3.17801	90

Table 115: TPLS (MS+TT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.791399	2.39545e+06	0.083	3.32685	90
neh	0.750233	2.2779e+06	0.182	3.12477	90

Table 116: TPLS (MS+TT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.852066	2.58653e+06	-0.004	3.28611	90
exchange	0.826659	2.50441e+06	0.021	3.28958	90
transpose	0.633723	1.91908e+06	0.381	3.10174	90

Table 117: TPLS (MS+TT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.770816	2.33667e+06	0.133	3.22581	90

Table 118: TPLS (MS+TT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.773836	2.34804e+06	0.131	3.21273	90
best	0.767795	2.32531e+06	0.134	3.23889	90

Table 119: TPLS (MS+TT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.773778	2.3462e+06	0.130	3.22708	90
locmin	0.767853	2.32714e+06	0.136	3.22454	90

Table 120: TPLS (MS+TT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d$*iversify*	0.66314	2.07845e+07	0.368	2.54769	90
improve	0.663113	2.07824e+07	0.367	2.53009	90

Table 121: TPLS (MS+TT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.686457	2.15064e+07	0.327	2.54363	90
6	0.639796	2.00604e+07	0.409	2.53414	90

Table 122: TPLS (MS+TT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.666712	2.08958e+07	0.200	2.48241	90
irandom	0.659541	2.06711e+07	0.536	2.59537	90

Table 123: TPLS (MS+TT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.785775	2.45948e+07	-0.032	2.59531	90
exchange	0.773392	2.42105e+07	-0.016	2.62865	90
transpose	0.430213	1.35449e+07	1.152	2.39271	90

Table 124: TPLS (MS+TT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.66752	2.09277e+07	0.363	2.71377	90
plain	0.658733	2.06391e+07	0.373	2.364	90

Table 125: TPLS (MS+TT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.667832	2.09306e+07	0.355	2.56019	90
best	0.658421	2.06363e+07	0.381	2.51759	90

Table 126: TPLS (MS+TT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.665772	2.08678e+07	0.370	2.54537	90
maxstep	0.660481	2.06991e+07	0.366	2.53241	90

Table 127: TPLS (MS+TT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d$*iversify*	0.677477	9.08086e+07	0.934	2.47465	90
improve	0.677274	9.07762e+07	0.916	2.47396	90

Table 128: TPLS (MS+TT) — 100x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.696985	9.34132e+07	0.864	2.48947	90
7	0.657766	8.81716e+07	0.985	2.45914	90

Table 129: TPLS (MS+TT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.696288	9.32945e+07	0.059	2.37454	90
irandom	0.658463	8.82903e+07	1.791	2.57407	90

Table 130: TPLS (MS+TT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.813808	1.09063e+08	-0.166	2.59184	90
insert	0.79767	1.06926e+08	-0.151	2.42222	90
transpose	0.420649	5.63885e+07	3.092	2.40885	90

Table 131: TPLS (MS+TT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.681571	9.13591e+07	0.921	2.6287	90
plain	0.67318	9.02257e+07	0.929	2.31991	90

Table 132: TPLS (MS+TT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.682831	9.15077e+07	0.888	2.55405	90
best	0.67192	9.00772e+07	0.962	2.39456	90

Table 133: TPLS (MS+TT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.705875	9.46168e+07	0.888	2.59988	90
maxstep	0.648876	8.6968e+07	0.962	2.34873	90

Table 134: TPLS (MS+TT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.648132	5.06129e+08	6.894	2.20289	90
improve	0.647796	5.0585e+08	6.929	2.2103	90

Table 135: TPLS (MS+TT) — 200x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.655858	5.12157e+08	6.769	2.2316	90
8	0.640069	4.99821e+08	7.055	2.1816	90

Table 136: TPLS (MS+TT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.686826	5.36217e+08	0.172	2.1265	90
irandom	0.609101	4.75761e+08	13.652	2.28669	90

Table 137: TPLS (MS+TT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.790236	6.17088e+08	0.367	2.25608	90
insert	0.751015	5.86429e+08	2.738	1.99913	90
transpose	0.402641	3.14451e+08	17.630	2.36458	90

Table 138: TPLS (MS+TT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.659168	5.14768e+08	6.980	2.42674	90
plain	0.63676	4.9721e+08	6.843	1.98646	90

Table 139: TPLS (MS+TT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.667003	5.20841e+08	5.694	2.0235	90
first	0.628925	4.91137e+08	8.129	2.3897	90

Table 140: TPLS (MS+TT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.714044	5.57578e+08	5.410	2.40949	90
maxstep	0.581883	4.54401e+08	8.413	2.0037	90

1.6 Index tables for TPLS (TCT+TT)

Table 141: TPLS (TCT+TT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.733335	2.61426e+07	-0.173	2.53125	90
always$_d iversify$	0.731877	2.60795e+07	-0.165	2.54606	90

Table 142: TPLS (TCT+TT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.753619	2.69202e+07	-0.257	2.60104	90
6	0.711593	2.53018e+07	-0.082	2.47627	90

Table 143: TPLS (TCT+TT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.734747	2.62363e+07	-0.172	2.60451	90
neh	0.730465	2.59857e+07	-0.166	2.4728	90

Table 144: TPLS (TCT+TT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.798005	2.86069e+07	-0.363	2.55556	90
exchange	0.783235	2.79842e+07	-0.321	2.54062	90
transpose	0.616578	2.17419e+07	0.176	2.51979	90

Table 145: TPLS (TCT+TT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.736275	2.62453e+07	-0.174	2.50845	90
tplsany	0.728937	2.59767e+07	-0.165	2.56887	90

Table 146: TPLS (TCT+TT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.733317	2.61569e+07	-0.173	2.57141	90
best	0.731895	2.60651e+07	-0.166	2.5059	90

Table 147: TPLS (TCT+TT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.734652	2.61806e+07	-0.177	2.55752	90
locmin	0.73056	2.60414e+07	-0.162	2.51979	90

Table 148: TPLS (TCT+TT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.591759	4.57832e+08	-4.704	2.01817	90
improve	0.591452	4.57497e+08	-4.705	2.01944	90

Table 149: TPLS (TCT+TT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.618833	4.78679e+08	-5.109	2.03715	90
7	0.564378	4.36649e+08	-4.299	2.00046	90

Table 150: TPLS (TCT+TT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.6223	4.81533e+08	-5.446	2.03576	90
irandom	0.560912	4.33796e+08	-3.963	2.00185	90

Table 151: TPLS (TCT+TT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.69985	5.41214e+08	-6.157	2.10955	90
exchange	0.694353	5.36735e+08	-5.895	2.06684	90
transpose	0.380613	2.95044e+08	-2.061	1.88003	90

Table 152: TPLS (TCT+TT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.59354	4.59142e+08	-4.697	2.00833	90
tplsany	0.589671	4.56186e+08	-4.712	2.02928	90

Table 153: TPLS (TCT+TT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.597888	4.62417e+08	-4.739	2.02454	90
best	0.585323	4.52911e+08	-4.669	2.01308	90

Table 154: TPLS (TCT+TT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.596848	4.61624e+08	-4.824	2.03588	90
maxstep	0.586364	4.53705e+08	-4.584	2.00174	90

Table 155: TPLS (TCT+TT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.61185	3.84846e+09	-21.155	1.47928	90
always$_d iversify$	0.611833	3.84869e+09	-21.129	1.47419	90

Table 156: TPLS (TCT+TT) — 100x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.630812	3.9682e+09	-21.998	1.46806	90
8	0.592871	3.72895e+09	-20.287	1.48542	90

Table 157: TPLS (TCT+TT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.673706	4.23837e+09	-24.550	1.45035	90
irandom	0.549977	3.45878e+09	-17.734	1.50313	90

Table 158: TPLS (TCT+TT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.742008	4.66555e+09	-27.544	1.47552	90
insert	0.707702	4.45239e+09	-26.154	1.42222	90
transpose	0.385815	2.42777e+09	-9.729	1.53247	90

Table 159: TPLS (TCT+TT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.612446	3.85239e+09	-21.169	1.47905	90
tplsany	0.611236	3.84476e+09	-21.115	1.47442	90

Table 160: TPLS (TCT+TT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.62202	3.91188e+09	-21.590	1.49919	90
best	0.601663	3.78526e+09	-20.694	1.45428	90

Table 161: TPLS (TCT+TT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.64785	4.07499e+09	-22.822	1.50694	90
maxstep	0.575833	3.62216e+09	-19.463	1.44653	90

Table 162: TPLS (TCT+TT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.60506	4.75446e+10	-85.081	1.16609	90
always$_d iversify$	0.604967	4.75377e+10	-85.073	1.16296	90

Table 163: TPLS (TCT+TT) — 200x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
8	0.61427	4.82688e+10	-86.528	1.16644	90
9	0.595758	4.68135e+10	-83.626	1.16262	90

Table 164: TPLS (TCT+TT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.700637	5.50752e+10	-103.916	1.15822	90
irandom	0.509391	4.0007e+10	-66.239	1.17083	90

Table 165: TPLS (TCT+TT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.742616	5.83429e+10	-111.436	1.15069	90
insert	0.699777	5.49827e+10	-103.351	1.10799	90
transpose	0.372648	2.92977e+10	-40.445	1.2349	90

Table 166: TPLS (TCT+TT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.605209	4.75546e+10	-85.063	1.16204	90
tplsany	0.604819	4.75276e+10	-85.091	1.16701	90

Table 167: TPLS (TCT+TT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.628025	4.93524e+10	-89.661	1.14028	90
first	0.582003	4.57299e+10	-80.493	1.18877	90

Table 168: TPLS (TCT+TT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.670306	5.26688e+10	-96.608	1.19988	90
maxstep	0.539722	4.24134e+10	-73.546	1.12917	90

1.7 Index tables for TP+PLS (MS+TCT)

Table 169: TP+PLS (MS+TCT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.762835	4.33109e+06	-0.028	8.42164	90
improve	0.761998	4.32699e+06	-0.029	8.37269	90

Table 170: TP+PLS (MS+TCT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
4	0.766447	4.35177e+06	-0.039	8.39711	90
5	0.758385	4.30632e+06	-0.017	8.39722	90

Table 171: TP+PLS (MS+TCT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.766054	4.35023e+06	-0.005	8.37963	90
neh	0.758778	4.30786e+06	-0.052	8.4147	90

Table 172: TP+PLS (MS+TCT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.921059	5.23143e+06	-0.187	11.8313	90
exchange	0.852393	4.84145e+06	-0.159	9.10313	90
transpose	0.513797	2.91426e+06	0.261	4.25712	90

Table 173: TP+PLS (MS+TCT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.762595	4.32974e+06	-0.028	8.39572	90
tplsany	0.762237	4.32834e+06	-0.029	8.39861	90

Table 174: TP+PLS (MS+TCT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.762658	4.32971e+06	-0.026	8.45972	90
best	0.762175	4.32838e+06	-0.030	8.33461	90

Table 175: TP+PLS (MS+TCT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.762475	4.32915e+06	-0.028	8.40579	90
maxstep	0.762358	4.32893e+06	-0.029	8.38854	90

Table 176: TP+PLS (MS+TCT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.643163	2.93219e+07	0.305	10.4147	90
improve	0.641637	2.92433e+07	0.302	10.3334	90

Table 177: TP+PLS (MS+TCT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.647718	2.95228e+07	0.249	10.3944	90
6	0.637082	2.90424e+07	0.358	10.3537	90

Table 178: TP+PLS (MS+TCT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.64518	2.94037e+07	0.033	10.4491	90
irandom	0.63962	2.91615e+07	0.574	10.2991	90

Table 179: TP+PLS (MS+TCT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.765509	3.48901e+07	-0.110	12.8896	90
insert	0.744396	3.39212e+07	0.031	12.4234	90
transpose	0.417295	1.90365e+07	0.989	5.8092	90

Table 180: TP+PLS (MS+TCT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.64802	2.95337e+07	0.282	10.6291	90
plain	0.63678	2.90315e+07	0.326	10.1191	90

Table 181: TP+PLS (MS+TCT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.655724	2.98982e+07	0.266	10.8168	90
best	0.629076	2.8667e+07	0.341	9.93137	90

Table 182: TP+PLS (MS+TCT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.742621	3.38553e+07	0.082	14.2733	90
maxstep	0.542179	2.47099e+07	0.525	6.47488	90

Table 183: TP+PLS (MS+TCT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.632015	1.31361e+08	1.345	12.9704	90
always$_d iversify$	0.63198	1.31344e+08	1.350	12.8986	90

Table 184: TP+PLS (MS+TCT) — 100x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.636667	1.32322e+08	1.257	13.012	90
7	0.627328	1.30383e+08	1.438	12.8569	90

Table 185: TP+PLS (MS+TCT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.637203	1.32361e+08	0.114	12.7635	90
irandom	0.626787	1.30343e+08	2.582	13.1055	90

Table 186: TP+PLS (MS+TCT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.794513	1.65137e+08	-0.211	17.9541	90
insert	0.722348	1.50148e+08	0.208	13.9877	90
transpose	0.379213	7.87903e+07	4.045	6.86471	90

Table 187: TP+PLS (MS+TCT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.633921	1.31765e+08	1.385	13.0159	90
plain	0.630073	1.3094e+08	1.309	12.853	90

Table 188: TP+PLS (MS+TCT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.665462	1.38299e+08	1.261	14.4757	90
best	0.598502	1.244e+08	1.434	11.3918	90

Table 189: TP+PLS (MS+TCT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.740513	1.53871e+08	1.030	18.9515	90
maxstep	0.523382	1.08813e+08	1.665	6.91184	90

Table 190: TP+PLS (MS+TCT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.56942	6.0868e+08	6.870	6.37188	90
improve	0.569215	6.08467e+08	6.869	6.41481	90

Table 191: TP+PLS (MS+TCT) — 200x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.574612	6.14225e+08	6.828	6.44456	90
8	0.564022	6.02922e+08	6.912	6.34213	90

Table 192: TP+PLS (MS+TCT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.589762	6.30212e+08	0.432	6.17928	90
irandom	0.548872	5.86935e+08	13.308	6.60741	90

Table 193: TP+PLS (MS+TCT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.666911	7.12879e+08	1.349	6.71858	90
insert	0.643508	6.87955e+08	4.078	5.47517	90
transpose	0.397533	4.24886e+08	15.183	6.98628	90

Table 194: TP+PLS (MS+TCT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.580078	6.20078e+08	6.919	6.57743	90
plain	0.558557	5.97068e+08	6.820	6.20926	90

Table 195: TP+PLS (MS+TCT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.594724	6.35671e+08	8.534	9.18426	90
best	0.54391	5.81476e+08	5.205	3.60243	90

Table 196: TP+PLS (MS+TCT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.651547	6.96422e+08	4.824	9.19444	90
maxstep	0.487087	5.20725e+08	8.916	3.59225	90

1.8 Index tables for TP+PLS (MS+TT)

Table 197: TP+PLS (MS+TT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.840295	2.36637e+06	0.138	10.1597	90
always$_d$*iversify*	0.839853	2.36506e+06	0.141	10.2387	90

Table 198: TP+PLS (MS+TT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
4	0.842545	2.37255e+06	0.132	10.1484	90
5	0.837603	2.35888e+06	0.147	10.25	90

Table 199: TP+PLS (MS+TT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
irandom	0.854378	2.40699e+06	0.092	10.3059	90
neh	0.82577	2.32445e+06	0.187	10.0925	90

Table 200: TP+PLS (MS+TT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.939374	2.65739e+06	-0.016	12.2634	90
exchange	0.918788	2.59873e+06	-0.000	11.4641	90
transpose	0.662059	1.84103e+06	0.435	6.87014	90

Table 201: TP+PLS (MS+TT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.840329	2.36694e+06	0.138	10.2256	90
plain	0.839819	2.3645e+06	0.141	10.1728	90

Table 202: TP+PLS (MS+TT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.840668	2.36843e+06	0.137	10.2138	90
best	0.83948	2.36301e+06	0.142	10.1846	90

Table 203: TP+PLS (MS+TT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.840745	2.3674e+06	0.139	10.2476	90
maxstep	0.839402	2.36404e+06	0.140	10.1508	90

Table 204: TP+PLS (MS+TT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.627559	2.51781e+07	0.656	14.5208	90
always$_d$*iversify*	0.627122	2.51586e+07	0.652	14.5579	90

Table 205: TP+PLS (MS+TT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.634587	2.54532e+07	0.633	14.6356	90
6	0.620093	2.48836e+07	0.676	14.4431	90

Table 206: TP+PLS (MS+TT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.628475	2.52116e+07	0.366	14.4037	90
irandom	0.626205	2.51252e+07	0.942	14.675	90

Table 207: TP+PLS (MS+TT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.809914	3.24566e+07	-0.238	21.5828	90
insert	0.711243	2.85078e+07	-0.121	14.9122	90
transpose	0.360864	1.45408e+07	2.323	7.12309	90

Table 208: TP+PLS (MS+TT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.628421	2.52135e+07	0.653	14.5306	90
tplsany	0.626259	2.51233e+07	0.655	14.5481	90

Table 209: TP+PLS (MS+TT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.643199	2.57961e+07	0.621	15.3821	90
best	0.611481	2.45406e+07	0.687	13.6966	90

Table 210: TP+PLS (MS+TT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.72446	2.90385e+07	0.558	20.4426	90
maxstep	0.530221	2.12983e+07	0.751	8.63611	90

Table 211: TP+PLS (MS+TT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d$*iversify*	0.605647	1.0819e+08	1.275	13.6713	90
improve	0.604258	1.07962e+08	1.266	13.5739	90

Table 212: TP+PLS (MS+TT) — 100x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.610623	1.09095e+08	1.199	13.6476	90
7	0.599281	1.07056e+08	1.341	13.5976	90

Table 213: TP+PLS (MS+TT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.616428	1.10058e+08	0.050	13.3716	90
irandom	0.593485	1.06095e+08	2.489	13.8734	90

Table 214: TP+PLS (MS+TT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.788504	1.40792e+08	-0.331	19.262	90
insert	0.702856	1.25582e+08	-0.036	14.7432	90
transpose	0.323498	5.78533e+07	4.176	6.86193	90

Table 215: TP+PLS (MS+TT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.609086	1.08818e+08	1.272	13.9253	90
plain	0.600816	1.07333e+08	1.269	13.3196	90

Table 216: TP+PLS (MS+TT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.639228	1.14166e+08	1.252	15.4567	90
best	0.570648	1.0198e+08	1.289	11.787	90

Table 217: TP+PLS (MS+TT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.716502	1.27956e+08	1.073	19.7013	90
maxstep	0.493363	8.8189e+07	1.468	7.54175	90

Table 218: TP+PLS (MS+TT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.541775	5.0893e+08	6.945	6.47454	90
improve	0.541206	5.08375e+08	6.934	6.38542	90

Table 219: TP+PLS (MS+TT) — 200x20 — ig_d

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.545652	5.12527e+08	6.898	6.44734	90
8	0.537329	5.04777e+08	6.981	6.41262	90

Table 220: TP+PLS (MS+TT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.571012	5.36141e+08	0.369	6.19907	90
irandom	0.511969	4.81164e+08	13.510	6.66088	90

Table 221: TP+PLS (MS+TT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.644479	6.05356e+08	1.418	6.73733	90
insert	0.616051	5.78716e+08	4.442	5.51719	90
transpose	0.363942	3.41885e+08	14.959	7.03542	90

Table 222: TP+PLS (MS+TT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.550036	5.16699e+08	7.000	6.56238	90
plain	0.532945	5.00606e+08	6.879	6.29757	90

Table 223: TP+PLS (MS+TT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.565681	5.3136e+08	8.660	9.23368	90
best	0.5173	4.85945e+08	5.219	3.62627	90

Table 224: TP+PLS (MS+TT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.630486	5.92223e+08	4.792	9.26181	90
maxstep	0.452495	4.25082e+08	9.087	3.59815	90

1.9 Index tables for TP+PLS (TCT+TT)

Table 225: TP+PLS (TCT+TT) — 20x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
improve	0.814901	2.37483e+07	0.137	8.94745	90
always$_d iversify$	0.81447	2.37442e+07	0.142	8.95012	90

Table 226: TP+PLS (TCT+TT) — 20x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
5	0.819877	2.39e+07	0.123	8.9669	90
6	0.809494	2.35926e+07	0.156	8.93067	90

Table 227: TP+PLS (TCT+TT) — 20x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.815682	2.36966e+07	0.139	9.09387	90
irandom	0.813689	2.37959e+07	0.140	8.8037	90

Table 228: TP+PLS (TCT+TT) — 20x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
insert	0.90977	2.68318e+07	-0.136	10.5951	90
exchange	0.886415	2.61503e+07	-0.099	9.93247	90
transpose	0.647872	1.82568e+07	0.654	6.31875	90

Table 229: TP+PLS (TCT+TT) — 20x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.814902	2.3748e+07	0.142	8.94074	90
plain	0.814469	2.37446e+07	0.137	8.95683	90

Table 230: TP+PLS (TCT+TT) — 20x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
best	0.817273	2.38222e+07	0.134	8.91134	90
first	0.812097	2.36703e+07	0.145	8.98623	90

Table 231: TP+PLS (TCT+TT) — 20x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
maxstep	0.814825	2.37498e+07	0.140	8.95197	90
locmin	0.814545	2.37427e+07	0.139	8.9456	90

Table 232: TP+PLS (TCT+TT) — 50x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.565376	5.5153e+08	-5.420	14.7806	90
improve	0.564308	5.50219e+08	-5.392	14.7584	90

Table 233: TP+PLS (TCT+TT) — 50x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
6	0.570768	5.56702e+08	-5.531	14.7529	90
7	0.558916	5.45046e+08	-5.280	14.7861	90

Table 234: TP+PLS (TCT+TT) — 50x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.583859	5.6942e+08	-5.976	14.9707	90
irandom	0.545825	5.32328e+08	-4.835	14.5683	90

Table 235: TP+PLS (TCT+TT) — 50x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.777119	7.57136e+08	-9.980	22.6767	90
insert	0.662162	6.45375e+08	-7.412	17.4847	90
transpose	0.255244	2.50112e+08	1.175	4.14705	90

Table 236: TP+PLS (TCT+TT) — 50x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.567211	5.535e+08	-5.442	14.8509	90
plain	0.562473	5.48248e+08	-5.370	14.6881	90

Table 237: TP+PLS (TCT+TT) — 50x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.575126	5.61091e+08	-5.612	15.1926	90
best	0.554558	5.40657e+08	-5.200	14.3464	90

Table 238: TP+PLS (TCT+TT) — 50x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.680485	6.6357e+08	-7.715	21.5668	90
maxstep	0.449199	4.38179e+08	-3.097	7.97222	90

Table 239: TP+PLS (TCT+TT) — 100x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.542841	4.6669e+09	-28.951	1.89097	90
improve	0.541446	4.65513e+09	-28.864	1.90625	90

Table 240: TP+PLS (TCT+TT) — 100x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
7	0.548715	4.71743e+09	-29.343	1.911	90
8	0.535572	4.60461e+09	-28.472	1.88623	90

Table 241: TP+PLS (TCT+TT) — 100x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.581854	5.00353e+09	-32.106	1.93611	90
irandom	0.502432	4.31851e+09	-25.710	1.86111	90

Table 242: TP+PLS (TCT+TT) — 100x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.735208	6.31919e+09	-41.063	1.9349	90
insert	0.626829	5.38901e+09	-34.280	1.77465	90
transpose	0.264393	2.27485e+09	-11.380	1.98628	90

Table 243: TP+PLS (TCT+TT) — 100x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
tplsany	0.54392	4.67602e+09	-29.017	1.8853	90
plain	0.540367	4.64602e+09	-28.798	1.91192	90

Table 244: TP+PLS (TCT+TT) — 100x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.584367	5.02348e+09	-31.421	1.96852	90
best	0.49992	4.29856e+09	-26.394	1.8287	90

Table 245: TP+PLS (TCT+TT) — 100x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.670209	5.76141e+09	-36.645	2.08356	90
maxstep	0.414078	3.56062e+09	-21.171	1.71366	90

Table 246: TP+PLS (TCT+TT) — 200x20 — accept

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
always$_d iversify$	0.473866	4.93793e+10	-90.075	1.38414	90
improve	0.47368	4.93612e+10	-90.037	1.37569	90

Table 247: TP+PLS (TCT+TT) — 200x20 — ig$_d$

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
8	0.478514	4.98665e+10	-91.042	1.38912	90
9	0.469031	4.8874e+10	-89.070	1.37072	90

Table 248: TP+PLS (TCT+TT) — 200x20 — init

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
neh	0.544526	5.67578e+10	-108.778	1.4	90
irandom	0.403019	4.19827e+10	-71.333	1.35984	90

Table 249: TP+PLS (TCT+TT) — 200x20 — neigh

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
exchange	0.574996	5.99094e+10	-114.781	1.18524	90
insert	0.551881	5.75026e+10	-108.105	1.20486	90
transpose	0.294441	3.06987e+10	-47.281	1.74965	90

Table 250: TP+PLS (TCT+TT) — 200x20 — ptype

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
plain	0.473801	4.9374e+10	-89.988	1.37222	90
tplsany	0.473744	4.93665e+10	-90.123	1.38762	90

Table 251: TP+PLS (TCT+TT) — 200x20 — search

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
first	0.511797	5.33374e+10	-95.785	1.44676	90
best	0.435748	4.54031e+10	-84.326	1.31308	90

Table 252: TP+PLS (TCT+TT) — 200x20 — term

value	hv_norm_avg[0;1]	hv_avg	eps_avg [$\times 10^3$]	card_avg	count
locmin	0.573233	5.97305e+10	-111.554	1.45012	90
maxstep	0.374312	3.901e+10	-68.557	1.30972	90