

PROB	DIM	DE/b/1	DE/b/1+BP	DE/b/1+BPM	DE/r/1	DE/r/1+BP	DE/r/1+BPM	DE/ttb/1	DE/ttb/1+BP	DE/ttb/1+BPM	PSO	PSO+BP	PSO+BPM	PSWARM	PSWARM+BPM
ack	10	1,42E+00	6,18E-01	6,58E-01	1,20E+00	4,58E-01	4,94E-01	1,30E+00	4,07E-01	3,84E-01	9,76E-01	4,85E-01	4,35E-01	<b>3,07E-01</b>	4,33E-01
ap	2	-3,46E-01	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	-3,46E-01	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	<b>-3,52E-01</b>	-2,70E-01
bfl	2	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	1,33E-02	<b>0,00E+00</b>	<b>0,00E+00</b>	3,40E-08	8,13E-09	6,23E-08	9,94E-11	4,13E-01
bf2	2	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	7,04E-03	<b>0,00E+00</b>	<b>0,00E+00</b>	3,28E-08	1,88E-09	3,71E-08	8,47E-11	2,97E-01
bhs	2	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	<b>-3,43E+00</b>	-3,43E+00
bl	2	5,60E-24	6,66E-23	1,45E-22	4,72E-07	1,43E-28	<b>0,00E+00</b>	2,11E-08	4,35E-26	1,01E-25	1,02E-11	2,14E-12	2,16E-11	2,54E-11	2,93E-04
bp	2	<b>3,98E-01</b>	<b>3,98E-01</b>	<b>3,98E-01</b>	4,08E-01	<b>3,98E-01</b>	<b>3,98E-01</b>	<b>3,98E-01</b>	<b>3,98E-01</b>	<b>3,98E-01</b>	3,98E-01	<b>3,98E-01</b>	3,98E-01	3,98E-01	4,61E-01
cb3	2	1,77E-24	1,37E-23	1,98E-22	9,63E-03	9,63E-03	<b>0,00E+00</b>	1,93E-02	1,93E-02	2,16E-29	2,87E-11	2,93E-14	2,93E-11	1,04E-10	6,99E-06
cb6	2	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	-1,03E+00	<b>-1,03E+00</b>	-1,03E+00
cm2	2	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>	<b>-2,20E+00</b>
cm4	4	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>	<b>-4,40E+00</b>
da	2	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	-2,48E+04	<b>-2,48E+04</b>	-2,47E+04
em_10	10	-6,08E+00	-6,82E+00	-6,95E+00	-6,34E+00	-6,83E+00	-5,98E+00	-6,11E+00	-6,62E+00	-6,53E+00	-5,72E+00	-6,41E+00	-6,68E+00	-6,61E+00	<b>-8,26E+00</b>
em_5	5	-3,36E+00	-3,67E+00	-3,84E+00	-4,18E+00	-4,27E+00	-4,14E+00	-3,99E+00	-4,23E+00	-4,26E+00	-3,23E+00	-3,66E+00	-3,83E+00	<b>-4,50E+00</b>	-2,68E+00
ep	2	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	<b>-1,00E+00</b>	-1,00E+00	<b>-1,00E+00</b>	-1,00E+00	<b>-1,00E+00</b>	-1,00E+00
exp	10	6,80E-03	6,80E-03	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>	<b>6,74E-03</b>
fls	2	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	-2,02E+00	<b>-2,02E+00</b>	-2,02E+00
fr	2	2,12E+01	2,12E+01	2,12E+01	1,91E+01	1,91E+01	2,12E+01	2,75E+01	2,54E+01	3,18E+01	1,50E+01	8,47E+00	8,47E+00	<b>2,08E-08</b>	3,58E-03
fx_10	10	-9,36E-01	-1,00E+00	-8,88E-01	-1,74E+00	-1,61E+00	<b>-1,84E+00</b>	-1,79E+00	-1,54E+00	-1,64E+00	-1,15E+00	-1,41E+00	-1,35E+00	-1,48E+00	-1,48E+00
fx_5	5	-2,19E+00	-2,24E+00	-2,53E+00	-2,73E+00	-3,08E+00	-3,26E+00	-2,73E+00	-2,84E+00	-2,41E+00	-2,30E+00	-2,64E+00	-2,62E+00	<b>-3,53E+00</b>	-1,52E+00
gp	2	<b>3,00E+00</b>	<b>3,00E+00</b>	<b>3,00E+00</b>	<b>3,00E+00</b>	<b>3,00E+00</b>	<b>3,00E+00</b>	1,08E+01	1,08E+01	<b>3,00E+00</b>	3,00E+00	<b>3,00E+00</b>	3,00E+00	3,00E+00	5,66E+00
gw	10	6,59E-01	4,08E-01	4,16E-01	6,18E-01	7,60E-01	5,99E-02	3,51E-01	3,48E-01	2,99E-01	2,74E-01	3,03E-01	3,67E-01	<b>4,99E-02</b>	6,64E-02
h3	3	-3,86E+00	<b>-3,86E+00</b>	<b>-3,86E+00</b>	<b>-3,86E+00</b>	<b>-3,86E+00</b>	<b>-3,86E+00</b>	-3,84E+00	-3,84E+00	<b>-3,86E+00</b>	<b>-3,86E+00</b>	<b>-3,86E+00</b>	<b>-3,86E+00</b>	-3,86E+00	-3,86E+00
h6	6	-3,27E+00	-3,27E+00	-3,27E+00	-3,24E+00	-3,27E+00	-3,27E+00	-3,28E+00	-3,28E+00	-3,28E+00	-3,29E+00	-3,28E+00	-3,28E+00	-3,20E+00	<b>-3,32E+00</b>
hm1	1	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	5,16E-14	<b>0,00E+00</b>	<b>0,00E+00</b>	8,45E-25	<b>0,00E+00</b>	<b>0,00E+00</b>	4,62E-14	2,77E-20	7,94E-18	<b>0,00E+00</b>	1,62E-09
hm2	1	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	<b>-4,81E+00</b>	-4,81E+00	-4,81E+00
hm3	1	-2,27E+00	-2,27E+00	-2,27E+00	-2,25E+00	-2,25E+00	-2,27E+00	-2,24E+00	-2,24E+00	-2,27E+00	-2,27E+00	-2,27E+00	-2,27E+00	<b>-2,27E+00</b>	-2,27E+00
hm4	2	1,47E-23	6,49E-23	1,66E-22	5,26E-01	5,03E-01	<b>0,00E+00</b>	1,22E-17	1,46E-25	6,09E-28	1,87E-10	2,97E-12	1,28E-10	1,17E-09	8,17E-04
hm5	3	2,44E-21	3,33E-20	2,51E-20	5,75E-23	2,85E-20	<b>4,46E-36</b>	5,11E-29	3,37E-22	1,15E-22	1,11E-12	2,78E-12	6,04E-12	4,15E-11	4,83E-08
hm	2	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	<b>4,65E-08</b>	4,70E-08	<b>4,65E-08</b>	4,67E-08	4,67E-08	9,45E-08
hsk	2	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	-2,35E+00	<b>-2,35E+00</b>	<b>-2,35E+00</b>
hv	3	5,75E-18	1,74E-16	1,91E-16	4,59E-21	2,43E-16	<b>3,70E-30</b>	2,51E-25	2,78E-19	7,35E-17	2,79E-08	3,27E-08	8,84E-08	6,14E-09	5,61E+00
ir0	4	1,03E+05	5,68E-07	2,91E-06	3,23E+02	1,76E-02	1,41E-01	4,74E+03	1,11E-06	1,16E-05	2,07E+04	4,09E-01	1,69E+00	<b>2,51E-10</b>	8,07E+04
ir1	3	2,56E-19	3,49E-18	2,63E-18	6,03E-21	2,99E-18	<b>8,02E-34</b>	5,24E-27	3,53E-20	1,21E-20	1,16E-10	2,92E-10	6,34E-10	4,68E-11	5,07E-06
ir2	2	5,04E-04	5,04E-04	3,11E-20	3,51E-02	1,35E-02	1,38E-02	<b>1,03E-21</b>	1,82E-13	9,65E-14	7,45E-04	2,56E-03	2,11E-03	1,05E-03	2,61E-02
ir3	5	3,55E-01	6,45E-02	6,45E-02	9,68E-02	6,45E-02	6,45E-02	9,68E-02	3,23E-02	3,23E-02	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>
ir4	30	7,20E-01	7,08E-01	6,96E-01	6,82E-01	6,83E-01	<b>6,09E-01</b>	6,47E-01	6,29E-01	6,23E-01	6,12E-01	6,13E-01	6,13E-01	6,13E-01	6,16E-01

ir5	2	2,00E-03	2,00E-03	2,00E-03	2,00E-03	2,00E-03	2,00E-03	2,00E-03	2,00E-03	<b>2,00E-03</b>	2,00E-03	2,00E-03	2,00E-03	2,00E-03	2,00E-03
kl	4	3,12E-04	3,12E-04	3,16E-04	3,12E-04	3,11E-04	3,08E-04	3,08E-04	3,07E-04	<b>3,07E-04</b>	3,17E-04	3,18E-04	3,20E-04	3,08E-04	3,58E-04
ks	1	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>	<b>0,00E+00</b>
lm1	3	6,69E-02	2,05E-18	8,61E-18	3,10E-19	2,15E-17	<b>5,36E-31</b>	9,67E-15	8,98E-18	2,57E-16	1,05E-09	1,52E-09	2,53E-09	2,05E-10	1,26E-01
lm2_10	10	5,80E-02	1,09E-02	2,20E-02	2,58E-02	1,67E-02	9,02E-03	4,35E-02	9,08E-03	7,09E-03	5,20E-02	5,74E-03	6,80E-03	1,58E-04	<b>4,67E-09</b>
lm2_5	5	7,12E-03	3,94E-03	4,30E-03	4,30E-03	3,23E-03	2,08E-03	5,22E-03	7,32E-04	3,79E-04	3,79E-03	<b>3,69E-04</b>	7,29E-04	1,11E-02	1,11E-02
lv8	3	2,92E-02	3,76E-18	3,01E-18	4,89E-03	1,34E-18	<b>1,50E-32</b>	1,22E-26	4,42E-21	1,96E-20	1,26E-10	2,56E-10	4,50E-10	4,70E-12	2,58E-02
mc	2	<b>-1,91E+00</b>	<b>-1,91E+00</b>	<b>-1,91E+00</b>	-1,81E+00	-1,81E+00	<b>-1,91E+00</b>	-1,81E+00	-1,81E+00	<b>-1,91E+00</b>	<b>-1,91E+00</b>	<b>-1,91E+00</b>	<b>-1,91E+00</b>	<b>-1,91E+00</b>	-1,91E+00
mcp	4	4,56E-06	8,28E-06	4,63E-22	7,18E-05	3,79E-10	1,07E-11	9,69E-23	5,08E-26	<b>2,94E-26</b>	1,21E-06	6,38E-09	1,15E-08	4,72E-22	4,57E-05
mgp	2	1,93E-09	1,93E-09	1,69E-09	4,24E-10	4,24E-10	<b>2,66E-10</b>	1,61E-09	1,61E-09	2,01E-09	1,88E-09	1,54E-09	1,54E-09	4,95E-09	4,95E-09
mgw_10	10	4,42E-02	4,34E-02	4,30E-02	8,36E-02	7,17E-02	6,94E-02	8,83E-02	7,74E-02	8,17E-02	3,83E-02	4,41E-02	4,06E-02	5,90E-02	<b>2,83E-02</b>
mgw_20	20	1,33E-01	1,48E-01	1,64E-01	1,87E-01	1,86E-01	1,87E-01	2,00E-01	1,95E-01	1,89E-01	8,78E-02	1,03E-01	1,08E-01	1,93E-01	<b>8,22E-02</b>
mgw_2	2	1,30E-02	1,35E-02	1,16E-02	1,05E-02	6,84E-03	8,39E-03	1,34E-02	1,02E-02	6,36E-03	5,76E-03	5,84E-03	6,20E-03	4,93E-03	<b>4,23E-04</b>
ml_10	10	-5,52E-02	-1,80E-02	-9,85E-02	<b>-2,99E-01</b>	-2,11E-01	-1,53E-01	-2,32E-01	-1,59E-01	-1,50E-01	-8,94E-02	-8,52E-02	-1,23E-01	-1,22E-22	-1,00E-01
ml_5	5	-6,47E-01	-6,61E-01	-7,29E-01	-7,54E-01	-8,78E-01	-8,31E-01	-8,54E-01	-6,96E-01	-8,16E-01	-5,81E-01	-6,24E-01	-6,48E-01	<b>-9,65E-01</b>	-9,08E-01
mr	3	6,05E-03	6,00E-03	5,09E-03	3,53E-03	3,47E-03	3,29E-03	9,88E-03	3,63E-03	3,44E-03	5,96E-03	2,14E-03	6,07E-03	<b>1,90E-03</b>	2,23E-03
mrp	2	3,83E-03	3,83E-03	4,31E-03	3,35E-03	2,63E-03	<b>2,15E-03</b>	4,07E-03	3,59E-03	3,59E-03	4,07E-03	3,83E-03	4,31E-03	7,44E-03	1,13E-01
nf2	4	7,17E-03	<b>1,39E-03</b>	2,71E-03	6,93E-02	7,49E-02	4,41E-02	2,83E-02	1,64E-02	1,41E-02	2,91E-02	3,08E-02	2,74E-02	1,12E-01	3,41E-02
nf3_10	10	1,76E+02	1,77E+02	8,79E+01	-1,32E+02	-1,53E+02	<b>-2,00E+02</b>	-1,28E+02	-1,99E+02	-1,99E+02	-1,37E+02	-1,42E+02	-1,17E+02	-1,85E+02	9,40E+01
nf3_15	15	2,96E+03	2,76E+03	2,46E+03	1,01E+03	7,66E+02	<b>-3,21E+02</b>	9,44E+02	2,74E+02	8,19E+01	3,32E+02	3,74E+02	3,85E+02	-5,96E+01	-1,95E+02
nf3_20	20	2,46E+04	2,14E+04	2,18E+04	9,54E+03	1,26E+04	1,01E+03	8,39E+03	9,10E+03	7,95E+03	3,64E+03	4,06E+03	4,52E+03	1,13E+04	<b>-2,76E+02</b>
nf3_25	25	1,24E+05	1,12E+05	1,00E+05	4,09E+04	7,67E+04	5,65E+03	3,83E+04	4,69E+04	4,25E+04	1,86E+04	2,02E+04	2,14E+04	2,87E+04	<b>4,73E+02</b>
nf3_30	30	3,41E+05	3,20E+05	3,36E+05	1,44E+05	2,74E+05	2,19E+04	1,11E+05	1,80E+05	1,74E+05	7,35E+04	8,49E+04	8,36E+04	2,49E+05	<b>1,62E+04</b>
osp_10	10	-3,36E-04	-3,47E-04	-2,23E-03	-4,83E-06	-3,05E-07	-3,88E-06	-1,11E-05	-6,61E-06	-7,40E-05	<b>-2,58E-03</b>	-7,67E-04	-4,53E-04	-4,71E-06	-1,09E-04
osp_20	20	-1,58E-12	-6,07E-13	-3,50E-11	-1,83E-18	-1,35E-22	-3,10E-21	-9,95E-16	-1,44E-19	-3,30E-21	-8,81E-10	-6,07E-10	<b>-1,41E-09</b>	-5,03E-17	-2,24E-18
prd	2	9,71E-01	9,77E-01	9,71E-01	9,74E-01	9,71E-01	9,69E-01	9,60E-01	9,77E-01	9,65E-01	9,42E-01	9,37E-01	9,39E-01	<b>9,00E-01</b>	9,00E-01
ptm	9	1,61E+02	1,08E+02	1,31E+02	9,88E+01	9,97E+01	9,36E+01	1,03E+02	<b>5,60E+01</b>	6,64E+01	2,17E+02	8,14E+01	9,20E+01	1,55E+02	1,67E+02
pwq	4	5,36E-02	1,66E-02	1,48E-01	9,66E-03	6,67E-05	2,08E-07	<b>4,02E-13</b>	1,41E-11	8,36E-11	7,70E-01	1,52E-03	1,87E-03	8,85E-06	2,68E-01
rb	10	8,24E+03	6,51E+03	1,17E+03	1,18E+03	3,77E+02	3,28E+02	2,25E+02	5,38E+01	1,49E+02	4,15E+02	1,55E+02	2,08E+02	2,41E+01	<b>6,86E+00</b>
rg_10	10	2,14E+01	1,31E+01	1,31E+01	3,13E+01	5,58E+00	<b>4,14E+00</b>	3,07E+01	5,38E+00	4,69E+00	1,58E+01	5,18E+00	5,60E+00	6,10E+00	5,04E+00
rg_2	2	1,93E-01	<b>0,00E+00</b>	<b>0,00E+00</b>	2,89E-01	1,93E-01	3,21E-02	1,40E-01	1,49E-15	<b>0,00E+00</b>	6,42E-02	1,71E-08	8,85E-09	4,34E-09	5,25E-02
s10	4	-5,46E+00	-5,66E+00	-5,40E+00	-7,64E+00	-7,65E+00	-9,07E+00	-6,52E+00	-7,15E+00	-7,86E+00	-6,60E+00	-5,66E+00	-5,19E+00	<b>-1,05E+01</b>	-1,03E+01
s5	4	-6,59E+00	-6,59E+00	-5,78E+00	-7,72E+00	-8,04E+00	-8,44E+00	-6,88E+00	-6,03E+00	-7,39E+00	-6,45E+00	-5,71E+00	-6,27E+00	-5,06E+00	<b>-1,00E+01</b>
s7	4	-6,24E+00	-5,99E+00	-6,42E+00	-8,49E+00	-9,08E+00	<b>-9,51E+00</b>	-7,69E+00	-7,26E+00	-8,36E+00	-7,14E+00	-6,61E+00	-7,07E+00	-5,09E+00	-3,72E+00
sal_10	10	7,27E-01	5,18E-01	<b>3,81E-01</b>	5,16E-01	9,03E-01	1,29E+00	7,15E-01	7,17E-01	7,75E-01	6,58E-01	4,61E-01	5,36E-01	1,50E+00	1,40E+00
sal_5	5	<b>1,13E-01</b>	1,16E-01	1,19E-01	1,14E-01	1,74E-01	1,58E-01	1,52E-01	1,81E-01	1,87E-01	1,42E-01	1,45E-01	1,45E-01	9,00E-01	1,18E+00
sbt	2	-1,87E+02	-1,87E+02	-1,87E+02	-1,85E+02	-1,85E+02	-1,87E+02	-1,82E+02	-1,87E+02	-1,87E+02	-1,87E+02	-1,87E+02	-1,87E+02	<b>-1,87E+02</b>	-1,87E+02
sfl	2	7,84E-03	9,72E-03	9,09E-03	8,52E-03	8,02E-03	8,65E-03	8,18E-03	6,64E-03	7,76E-03	6,77E-03	<b>5,72E-03</b>	6,08E-03	3,72E-02	1,05E-02

[illegible]