With 128 iterations

Simulation-N	0,8	0,85	0,9	0,95	Exhaustive
128	514,85±9,850%	623,29±10,09%	818,22±11,58%	1173,50±16,61%	
256	555,24±9,710%	697,34±10,02%	872,41±13,14%	1219,51±20,34%	40152.00
512	600,20±12,58%	719,26±12,93%	897,05±14,88%	1223,44±18,81%	49152,00
1024	652,16±10,34%	752,60±13,27%	938,42±15,96%	1206,81±23,83%	
Accept rate	0,8	0,85	0,9	0,95	Exhaustive
128	20,40±22,85%	27,31±23,42%	38,55±21,85%	58,40±20,41%	
256	22,80±29,37%	30,98±22,36%	42,87±23,21%	62,35±23,41%	100,00
512	25,90±25,96%	33,92±23,61%	45,62±21,82%	62,63±21,18%	100,00
1024	29,88±21,88%	37,25±23,39%	48,35±23,55%	62,40±27,38%	
Distance	0,8	0,85	0,9	0,95	Exhaustive
128	23248,41±78,02%	17150,92±62,89%	10945,00±68,92%	7390,84±162,75%	
256	22321,27±79,27%	15167,86±73,15%	13014,60±79,59%	7209,87±110,02%	0,00
512	19777,19±63,63%	15829,03±86,91%	10945,99±76,80%	6433,25±110,30%	0,00
1024	15748,85±76,17%	14332,45±78,82%	10218,88±93,36%	7183,37±97,660%	
∇	8,0	0,85	0.9	0,95	Exhaustive
128	44186736,91±12,15%	45211182,61±12,92%	45268846,99±10,28%	46203468,91±10,18%	
256	44314130,06±12,26%	44229987,64±10,66%	45849877,76±12,96%	47038500,99±9,960%	
512	45101756,31±12,08%	46532032,58±12,72%	46143886,37±11,55%	47820520,62±9,380%	49479512,72
1024	45224212,25±11,63%	45753667,13±11,68%	46009512,17±10,18%	47130406,37±8,980%	
	1022 1212,20211,0070	1010001,10211,0070	1000012,11210,1070	11 100 100,01 10,000 70	
σ-mst	0,8	0,0085	0,9	0,0095	Exhaustive
128	292153,85±16,72%	270653,05±17,44%	230153,09±14,07%	197936,55±16,57%	
256	283194,63±17,46%	244677,94±13,23%	225573,96±19,16%	194928,39±18,86%	142294,47
512	278872,59±20,20%	252058,69±16,52%	217866,74±14,94%	195415,60±14,63%	142294,47
1024	261393,94±15,91%	244011,35±17,56%	216336,60±15,11%	197662,66±18,10%	
	1			,	
Hypervolume	0,8	0,85	0,9	0,95	Exhaustive
128	50064692,40±1,15%	50263198,45±1,04%	50634303,29±0,80%	50796469,99±0,93%	
256	50025785,04±1,16%	50426022,40±0,95%	50595074,66±0,98%	50834142,96±0,81%	E400440E45
512	50099155,55±1,21%	50396385,25±1,01%	50582109,85±0,94%	50820881,71±0,82%	51231195,15
1024	50362018,95±0,95%	50403499,73±1,09%	50640682,95±1,02%	50750845,77±0,96%	
	1 1111111111111111111111111111111111111				

With 256 iterations

128	Simulation-N	0,8	0,85	0,9	0,95	Exhaustive
Accept rate	128	767,65±14,89%	903,18±17,93%	1186,84±15,40%	1469,14±26,56%	
S12	256	818,48±15,85%	993,53±13,52%	1184,73±20,06%	1587,04±23,52%	401E2.00
Accept rate 0,8 0,8 0,85 0,9 0,95 Exhaustive 128 37,12±23,83% 43,48±25,23% 59,9±18,94% 68,31±25,53% 256 39,74±26,07% 50,48±19,07% 61,02±21,83% 75,33±19,27% 73,31±24,02% 512 44,97±22,82% 52,44±22,14% 63,10±22,47% 73,31±24,02% 70,25±27,59% 100,00 1024 47,76±21,21% 55,33±18,98% 63,79±20,18% 70,25±27,59% 100,00 1024 47,76±21,21% 55,33±18,98% 63,79±20,18% 70,25±27,59% 100,00 128 13271,20±74,720% 11292,56±92,52% 5067,49±100,73% 5367,06±112,14% 256 12314,40±74,610% 8045,04±88,08% 6269,05±93,880% 3632,74±137,21% 612 10521,26±79,030% 9573,59±82,32% 6373,64±136,09% 5352,04±149,09% 1024 11111,42±172,82% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583566,33±8,77% 456707418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 1024 45770544,64±10,03% 46335446,27±10,15% 47330413,68±9,870% 48191483,26±8,86% 128 238895,39±15,85% 226152,76±19,74% 194242,06±14,54% 191877,61±19,62% 256 233250,17±17,70% 205441,00±11,55% 201865,15±24,30% 179010,42±16,10% 1024 219925,88±22,99% 205904,93±12,63% 194863,46±17,39% 184086,62±19,51% 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 188227,13±21,44% 142294,47 128 50497036,09±0,98% 50556079,83±1,00% 5087815,26±0,77% 50890406,58±0,77% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,73% 50798756,30±0,75% 50890406,58±0,77% 50890406,58±0,77% 50798756,30±0,73% 50798756,30±0,75% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77% 50890406,58±0,77	512	874,77±15,46%	1028,36±16,57%	1243,46±18,40%	1557,71±26,72%	49152,00
128	1024	934,53±16,12%	1065,94±15,31%	1235,51±19,26%	1490,64±29,74%	
128					·	
256 39,74±26,07% 50,48±19,07% 61,02±21,83% 75,33±19,27% 100,00 512 44,97±22,82% 52,44±22,14% 63,10±22,47% 73,31±24,02% 100,00 1024 47,76±21,21% 55,33±18,98% 63,79±20,18% 70,25±27,59% 100,00 Distance 0,8 0,85 0,9 0,95 Exhaustive 128 13271,20±74,720% 11292,56±92,52% 5067,49±100,73% 5367,06±112,14% 526 256 12314,40±74,610% 8045,04±88,08% 6269,05±93,880% 3632,74±137,21% 0,00 512 10521,26±79,030% 9573,59±82,32% 6373,64±136,09% 5352,04±149,09% 0,00 1024 11111,42±172,82% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 6728,06±165,57% V 0,8 0,85 0,9 0,95 Exhaustive 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583586,33±8,77% 4816644,01±7,61% 49479512,72 512 45279771,15±10,37% 46736246,71±10,70% 47334295,76±9,430%	Accept rate	0,8	0,85	0,9	0,95	Exhaustive
Distance	128	37,12±23,83%	43,48±25,23%	59,92±18,94%	68,31±25,53%	
Distance	256	39,74±26,07%	50,48±19,07%	61,02±21,83%	75,33±19,27%	100.00
Distance 0.8 0.85 0.9 0.95 Exhaustive 128 13271,20±74,720% 11292,5±92,52% 5067,49±100,73% 5367,0±112,14% 2566 12314,40±74,610% 8045,0±88,08% 6269,0±93,880% 3632,7±137,21% 0,00 512 10521,2€±79,030% 9573,59±82,32% 6373,6±136,09% 5352,0±149,09% 0,00 1024 11111,42±172,82% 7800,4±85,74% 6573,13±130,56% 6728,06±165,57% 0,00 ▼ 0,8 0,85 0,9 0,95 Exhaustive 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583586,33±8,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 512 45279771,15±10,37% 45677418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 1024 45770544,64±10,003% 46335446,27±10,15% 47330413,68±9,870% 48191483,26±8,86% 49479512,72 256 233250,17±17,77% 205441,00±11,55% 201865,15±24,30% 191877,61±19,62% 142294,47 512 22336,03±16,43% 210872,75±14,56	512	44,97±22,82%	52,44±22,14%	63,10±22,47%	73,31±24,02%	100,00
128	1024	47,76±21,21%	55,33±18,98%	63,79±20,18%	70,25±27,59%	
128					,	
256 12314,40±74,610% 8045,04±88,08% 6269,05±93,880% 3632,74±137,21% 0,00 512 10521,26±79,030% 9573,59±82,32% 6373,64±136,09% 5352,04±149,09% 0,00 1024 11111,42±172,82% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% Exhaustive V 0,8 0,85 0,9 0,95 Exhaustive 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583586,33±8,77% 46611614,76±11,97% 45677418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 512 45279771,15±10,37% 46736246,71±10,70% 47354295,76±9,430% 48066069,80±8,16% 49479512,72 0-mst 0,8 0,85 0,9 0,95 Exhaustive 128 238895,39±15,85% 226152,76±19,74% 194242,06±14,54% 191877,61±19,62% 194242,06±14,54% 191877,61±19,62% 142294,47 512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 142294,47 1024 219925,88±22,99% 205904,93±12,63%	Distance	0,8	0,85	0,9	0,95	Exhaustive
512 10521,26±79,030% 9573,59±82,32% 6373,64±136,09% 5352,04±149,09% 0,00 1024 11111,42±172,82% 7800,44±85,74% 6573,13±130,56% 5352,04±149,09% 0,00 V 0,8 0,85 0,9 0,95 Exhaustive 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583586,33±8,77% 49479512,72 256 46611614,76±11,97% 456777418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 512 45279771,15±10,37% 46736246,71±10,70% 47354295,76±9,430% 48066069,80±8,16% 49479512,72 0-mst 0,8 0,85 0,9 0,95 Exhaustive 128 238895,39±15,85% 226152,76±19,74% 194242,06±14,54% 191877,61±19,62% 256 233250,17±17,70% 205441,00±11,55% 201865,15±24,30% 179010,42±16,10% 142294,47 512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 142294,47 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 1	128	13271,20±74,720%	11292,56±92,52%	5067,49±100,73%	5367,06±112,14%	
1024 11111,42±172,82% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 6573,13±130,56% 6728,06±165,57% 7800,44±85,74% 659745,38±9,880% 47583586,33±8,77% 46516±11,97% 45677418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 4527971,15±10,37% 46736246,71±10,70% 47354295,76±9,430% 48066069,80±8,16% 49479512,72 4527971,15±10,37% 46335446,27±10,15% 47330413,68±9,870% 48191483,26±8,86% 49479512,72 4527971,15±10,37% 46335446,27±10,15% 47330413,68±9,870% 48191483,26±8,86% 49479512,72 45294,464±10,03% 46335446,27±10,15% 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,70 47330413,68±9,870% 48191483,26±8,86% 49479512,70 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,72 47330413,68±9,870% 48191483,26±8,86% 49479512,48% 49479512,72 47330413,68±9,870% 49479512,72 47330413,68±9,870% 49481483,26±8,86% 49479512,48% 49479512,48% 49479512,72 47330413,68±9,870% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,48% 49479512,	256	12314,40±74,610%	8045,04±88,08%	6269,05±93,880%	3632,74±137,21%	0.00
∇ 0,8 0,85 0,9 0,95 Exhaustive 128 44957263,78±11,54% 45970903,34±10,80% 45590145,58±10,63% 47583586,33±8,77% 4256 46611614,76±11,97% 45677418,82±10,77% 46509745,38±9,880% 48116844,01±7,61% 49479512,72 512 45279771,15±10,37% 46736246,71±10,70% 47354295,76±9,430% 48066069,80±8,16% 48191483,26±8,86% 0-mst 0,8 0,85 0,9 0,95 Exhaustive 128 238895,39±15,85% 226152,76±19,74% 194242,06±14,54% 191877,61±19,62% 1925 256 233250,17±17,70% 205441,00±11,55% 201865,15±24,30% 179010,42±16,10% 142294,47 512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 142294,47 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 188227,13±21,44% Hypervolume 0,8 0,85 0,9 0,95 Exhaustive 128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 508	512	10521,26±79,030%	9573,59±82,32%	6373,64±136,09%	5352,04±149,09%	0,00
128	1024	11111,42±172,82%	7800,44±85,74%	6573,13±130,56%	6728,06±165,57%	
128						
256	∇	0,8	0,85	0,9	0,95	Exhaustive
512	128	44957263,78±11,54%	45970903,34±10,80%	45590145,58±10,63%	47583586,33±8,77%	
512	256	46611614,76±11,97%	45677418,82±10,77%	46509745,38±9,880%	48116844,01±7,61%	/0//70512 72
σ-mst 0,8 0,85 0,9 0,95 Exhaustive 128 238895,39±15,85% 226152,76±19,74% 194242,06±14,54% 191877,61±19,62% 1922 1925 233250,17±17,70% 205441,00±11,55% 201865,15±24,30% 179010,42±16,10% 142294,47 142294,47 194663,46±17,39% 184086,62±19,51% 184086,62±19,51% 188227,13±21,44% 193836,87±14,92% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 193836,87±14,92% 188227,13±21,44% 188227,13±21,44% 193836,87±14,92% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,44% 188227,13±21,4	512	45279771,15±10,37%	46736246,71±10,70%	47354295,76±9,430%	48066069,80±8,16%	49479312,72
128	1024	45770544,64±10,03%	46335446,27±10,15%	47330413,68±9,870%	48191483,26±8,86%	
128						
256 233250,17±17,70% 205441,00±11,55% 201865,15±24,30% 179010,42±16,10% 142294,47 512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 188227,13±21,44% Hypervolume	σ-mst	0,8	0,85	0,9	0,95	Exhaustive
512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 188227,13±21,44% Hypervolume 0,8 0,85 0,9 0,95 Exhaustive 128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 50890406,58±0,77% 50992766,11±0,67% 51231195,15 512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15	128	238895,39±15,85%	226152,76±19,74%	194242,06±14,54%	191877,61±19,62%	
512 223436,03±16,43% 210872,75±14,56% 194663,46±17,39% 184086,62±19,51% 1024 219925,88±22,99% 205904,93±12,63% 193836,87±14,92% 188227,13±21,44% Hypervolume 0,8 0,85 0,9 0,95 Exhaustive 128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 50890406,58±0,77% 50992766,11±0,67% 51231195,15 512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15	256	233250,17±17,70%	205441,00±11,55%	201865,15±24,30%	179010,42±16,10%	142204 47
Hypervolume 0,8 0,85 0,9 0,95 Exhaustive 128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 50890406,58±0,77% 256 50485821,30±1,01% 50798756,30±0,73% 50798681,02±0,90% 50992766,11±0,67% 51231195,15 51231195,15 512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15	512	223436,03±16,43%	210872,75±14,56%	194663,46±17,39%	184086,62±19,51%	142294,47
128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 256 50485821,30±1,01% 50798756,30±0,73% 50798681,02±0,90% 50992766,11±0,67% 512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15	1024	219925,88±22,99%	205904,93±12,63%	193836,87±14,92%	188227,13±21,44%	
128 50497036,09±0,98% 50556079,83±1,00% 50876815,26±0,77% 50890406,58±0,77% 256 50485821,30±1,01% 50798756,30±0,73% 50798681,02±0,90% 50992766,11±0,67% 512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15						
256 50485821,30±1,01% 50798756,30±0,73% 50798681,02±0,90% 50992766,11±0,67% 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88% 51231195,15	Hypervolume	0,8	0,85	0,9	0,95	Exhaustive
512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88%	128	50497036,09±0,98%	50556079,83±1,00%	50876815,26±0,77%	50890406,58±0,77%	
512 50594250,43±0,94% 50688884,01±0,87% 50880303,76±0,75% 50897531,58±0,88%	256	50485821,30±1,01%	50798756,30±0,73%	50798681,02±0,90%	50992766,11±0,67%	E122110E 1E
1024 50628896,05±1,02% 50727785,88±0,82% 50845816,41±0,78% 50886340,58±0,79%	512	50594250,43±0,94%			50897531,58±0,88%	51231195,15
	1024	50628896,05±1,02%	50727785,88±0,82%	50845816,41±0,78%	50886340,58±0,79%	

With 512 iterations

Simulation-N	0,8	0,85	0,9	0,95	Exhaustive
128	1091,48±19,67%	1285,83±17,01%	1542,73±23,23%	1926,25±31,18%	_
256	1157,05±18,99%	1310,80±21,52%	1526,86±25,09%	1966,72±28,13%	40152.00
512	1154,32±18,27%	1383,67±18,42%	1603,17±23,49%	1883,57±27,44%	49152,00
1024	1218,68±20,57%	1369,32±20,75%	1484,95±30,04%	1855,67±35,80%	
	•			'	
Accept rate	0,8	0,85	0,9	0,95	Exhaustive
128	55,61±25,79%	63,60±18,93%	71,84±20,58%	79,43±21,92%	
256	59,10±22,92%	64,95±22,79%	72,97±23,81%	80,61±19,90%	100.00
512	61,36±21,53%	70,76±17,80%	75,41±20,34%	81,06±18,29%	100,00
1024	61,59±23,80%	68,55±21,54%	72,80±22,53%	78,22±23,91%	
				·	
Distance	0,8	0,85	0,9	0,95	Exhaustive
128	7006,26±94,150%	6381,81±104,04%	4030,20±133,74%	3356,97±188,61%	
256	8643,47±109,19%	5810,77±109,74%	5248,38±151,04%	3173,69±156,70%	0,00
512	6517,89±101,71%	4856,70±145,60%	3633,18±152,84%	3519,35±170,58%	0,00
1024	7041,62±110,40%	5379,19±127,90%	4964,03±116,65%	3643,97±151,18%	
∇	0,8	0,85	0.9	0.95	Exhaustive
v		•	,		Exilaustive
256	46463028,95±9,620%	47624319,59±8,80%	47947888,44±7,78%	48030532,75±7,76%	
512	46593134,29±10,28%	47856881,34±8,78%	48134887,56±8,29%	48661839,29±7,25%	49479512,72
	46664293,05±9,710%	48160060,66±8,16%	47862550,17±7,08%	48561318,10±6,40%	
1024	46868940,24±9,990%	47960353,23±8,79%	48611811,48±7,33%	48812797,95±6,28%	
σ-mst	0,8	0,85	0,9	0,95	Exhaustive
128	204086,96±18,70%	191196,31±13,03%	182428,00±20,44%	172531,90±21,27%	
256	200409,37±19,21%	192752,79±17,81%	181858,99±18,65%	171802,62±14,38%	142294,47
512	198435,22±14,19%	184622,58±12,04%	178137,41±14,63%	173341,90±13,55%	142294,47
1024	196679,51±19,07%	190173,54±17,81%	186930,74±16,18%	177215,27±20,14%	
Hypervolume	0,8	0,85	0,9	0,95	Exhaustive
128	50808472,95±0,89%	50846007,61±0,79%	50951097,22±0,81%	51013783,68±0,94%	
256	50747830,92±0,99%	50860898,47±0,80%	50926445,42±0,88%	51032118,46±0,65%	E100110E 15
512	50831737,38±0,77%	50925854,43±0,74%	51003613,39±0,68%	51005414,19±0,71%	51231195,15
1024	50813897,53±0,92%	50889137,26±0,78%	50891310,93±0,78%	50985512,90±0,82%	
		, , , , ,	, , , , ,	, , ,	

With 1024 iterations

128 1420,66±25,36% 1647,80±25,91% 1952,56±31,45% 2229,49±40,79% 256 1451,66±27,39% 1649,18±28,71% 1850,86±32,95% 2333,65±39,62% 512 1501,30±25,45% 1699,16±27,11% 1933,07±30,72% 2369,72±42,26% 1024 1551,56±25,41% 1699,70±25,45% 1845,20±31,86% 2097,78±44,12% Accept rate 0,8 0,85 0,9 0,95 Exhaustive 128 68,67±23,50% 74,6±22,75% 79,19±20,96% 80,70±21,43% 256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 1024 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 0,00 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 0,00 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81%
512
512 1501,30±25,45% 1699,16±27,11% 1933,07±30,72% 2369,72±42,26% 1024 1551,56±25,41% 1699,70±25,45% 1845,20±31,86% 2097,78±44,12% Accept rate 0,8 0,85 0,9 0,95 Exhaustive 128 68,67±23,50% 74,61±22,75% 79,19±20,96% 80,70±21,43% 256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 100,00 100,00 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 100,00 100,00 79,70±19,33% 82,19±19,23% 100,00 512 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 100,00 512 6134,70±138,37% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 0,00 0,00 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 0,00 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39% 0,00
Accept rate 0,8 0,85 0,9 0,95 Exhaustive 128 68,67±23,50% 74,61±22,75% 79,19±20,96% 80,70±21,43% 256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 100,00 100,00 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 82,22±22,03% 100,00 82,73±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 100,00 82,73±21,44% 82,68±19,82% 82,22±22,03% 82,19±19,23% 100,00 82,73±21,44% 82,73±21,44% 82,19±19,23% 82,19±19,23% 100,00 82,73±21,44% 82,68±19,82% 82,22±22,03% 82,19±19,23% 100,00 82,73±21,23% 82,19±19,23% 100,00 82,19±19,23% 100,00 82,73±21,23% 82,19±19,23% 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00 100,00
128 68,67±23,50% 74,61±22,75% 79,19±20,96% 80,70±21,43% 256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 1024 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 2100,00 Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
128 68,67±23,50% 74,61±22,75% 79,19±20,96% 80,70±21,43% 256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 1024 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 2100,00 Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
256 70,18±25,35% 74,76±23,04% 78,18±26,04% 82,68±19,82% 512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 82,19±19,23% 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 100,00 1024 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% Exhaustive Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 0,00 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 0,00 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
512 73,88±22,34% 76,90±20,48% 80,42±20,25% 82,22±22,03% 1024 73,81±21,44% 78,62±20,36% 79,70±19,33% 82,19±19,23% Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
Distance 0,8 0,85 0,9 0,95 Exhaustive 128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 0,00 3512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 0,00 3522,77±150,39% 3522,77±150,39% 3697,79±150,04% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77±150,39% 3522,77
128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
128 5769,82±140,15% 3518,17±144,49% 3974,36±154,29% 3452,09±159,42% 256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
256 6134,70±138,37% 5044,08±162,24% 4024,26±161,17% 3684,91±171,78% 512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
512 4694,55±143,41% 3984,66±135,32% 3811,02±164,81% 3100,33±192,67% 1024 4732,55±150,29% 3439,00±164,05% 3697,79±150,04% 3522,77±150,39%
√ 0.8 0.85 0.9 0.05 Evhauetive
∇ 0.8 0.85 0.9 0.95 Evhauetiva
• 0,0 0,00 0,5 0,5 Exhaustive
128 48185020,53±9,58% 48496628,08±7,46% 48720978,91±5,73% 49081646,80±6,10%
256 48007562,45±8,76% 48181927,87±8,50% 48671261,21±6,57% 49347560,04±5,15%
512 48801746,84±7,31% 48913257,88±6,37% 48777957,59±5,82% 49037963,89±5,58% 49479512,72
1024 48509724,05±8,01% 48751327,62±7,51% 48198895,57±7,55% 48837914,14±5,95%
σ-mst 0,8 0,85 0,9 0,95 Exhaustive
128 187654,21±19,87% 180234,05±17,57% 175066,52±16,82% 172172,17±16,27%
256 186658,86±20,78% 181050,47±25,09% 180677,87±27,21% 167886,21±16,11% 142294,47
512 180795,45±18,34% 177635,36±13,59% 175052,93±18,93% 171293,20±18,48%
1024 182304,11±17,60% 174243,86±15,05% 174104,80±14,11% 173214,23±16,78%
Hypervolume 0,8 0,85 0,9 0,95 Exhaustive
128 50931588,27±0,74% 50997400,40±0,70% 50988271,34±0,70% 51016262,78±0,68%
=== 00001000,2110,1470 00001400,4010,1070 00000211,0410,1070 01010202,1010,0070
256 50870449 41+0.92% 50953505 12+0.78% 50951930 68+1.00% 51005133 90+0.76%