# A Restart CMA Evolution Strategy With Increasing Population Size

Anne Auger CoLab Computational Laboratory, ETH Zürich, Switzerland Anne.Auger@inf.ethz.ch

Abstract- In this paper we introduce a restart-CMAevolution strategy, where the population size is increased for each restart (IPOP). By increasing the population size the search characteristic becomes more global after each restart. The IPOP-CMA-ES is evaluated on the test suit of 25 functions designed for the special session on real-parameter optimization of CEC 2005. Its performance is compared to a local restart strategy with constant small population size. On unimodal functions the performance is similar. On multi-modal functions the local restart strategy significantly outperforms IPOP in 4 test cases whereas IPOP performs significantly better in 29 out of 60 tested cases.

#### **1** Introduction

The Covariance Matrix Adaptation Evolution Strategy (CMA-ES) [5, 7, 4] is an evolution strategy that adapts the full covariance matrix of a normal search (mutation) distribution. Compared to many other evolutionary algorithms, an important property of the CMA-ES is its invariance against linear transformations of the search space: the CMA-ES exhibits the same performances on a given objective function  $f : x \in \mathbb{R}^n \mapsto f(x) \in \mathbb{R}$ , where  $n \in \mathbb{N}$ , and on the same function where a linear transformation is applied, *i.e.*  $f_R : x \in \mathbb{R}^n \mapsto f(Rx) \in \mathbb{R}$  where R denotes a full rank linear transformation. This is true only if a corresponding transformation of the strategy (distribution) parameters is made. In practice this transformation is learned by the CMA algorithm.

The CMA-ES efficiently minimizes unimodal objective functions and is in particular superior on ill-conditioned and non-separable problems [7, 6]. In [3], Hansen and Kern show that increasing the population size improves the performance of the CMA-ES on multi-modal functions. Consequently, they suggest a CMA-ES restart strategy with successively increasing population size. Such an algorithm, referred to as IPOP-CMA-ES in the following, is introduced and investigated here for optimizing the test suit of the CEC special session on real-parameter optimization [8].

The remainder of this paper is organized as follows: Section 2 presents the main lines of the algorithm. Section 3 explains the experimental procedure. Section 4 presents and comments the experimental results. The IPOP-CMA-ES is compared to a restart strategy with constant population size. Nikolaus Hansen CSE Lab, ETH Zürich, Switzerland Nikolaus.Hansen@inf.ethz.ch

## 2 The restart CMA-ES

**The**  $(\mu_W, )$ -**CMA-ES** In this paper we use the  $(\mu_W, )$ -CMA-ES thoroughly described in [3]. We sum up the general principle of the algorithm in the following and refer to [3] for the details.

For generation g + 1, offspring are sampled independently according to a multi-variate normal distribution

$$ec{x}_k^{(g+1)} \quad \mathcal{N}\left(\langle ec{x} 
angle_{\mathrm{W}}^{(g)}, (^{-(g)})^2 oldsymbol{C}^{(g)}
ight) ext{ for } k=1,\ldots,$$

where  $\mathcal{N}(\vec{m}, C)$  denotes a normally distributed random vector with mean  $\vec{m}$  and covariance matrix C. The  $\mu$ best offspring are recombined into the new mean value  $\langle \vec{x} \rangle_{\mathbf{W}}^{(g+1)} = \sum_{i=1}^{\mu} w_i \vec{x}_{i:\lambda}^{(g+1)}$ , where the positive weights  $w_i \in \mathbb{R}$  sum to one. The equations for updating the remaining parameters of the normal distribution are given in [3]: Eqs. 2 and 3 for the covariance matrix C, Eqs. 4 and 5 for the step-size (cumulative step-size adaptation / path length control). On convex-quadratic functions, the adaptation mechanisms for and C allow to achieve log-linear convergence after an adaptation time which can scale between 0 and  $n^2$ . The default strategy parameters are given in [3, Eqs. 6–8]. Only  $\langle \vec{x} \rangle_{\mathbf{W}}^{(0)}$  and  ${}^{(0)}$  have to be set depending on the problem.<sup>1</sup>

The default population size prescribed for the  $(\mu_W, )$ -CMA-ES grows with  $\log n$  and equals to = 10, 14, 15 for n = 10, 30, 50. On multi-modal functions the optimal population size can be considerably greater than the default population size [3].

The restart  $(\mu_W)$ , )-CMA-ES with increasing population (IPOP-CMA-ES) For the restart strategy the  $(\mu_W)$ , )-CMA-ES is stopped whenever one stopping criterion as described below is met, and an independent restart is launched with the population size increased by a factor of 2. For all parameters of the  $(\mu_W)$ , )-CMA-ES the default values are used (see [3]) except for the population size, starting from the default value but then repeatedly increased. To our intuition, for the increasing factor, values between 1.5 and 5 could be reasonable. Preliminary empirical investigations on the Rastrigin function reveal similar performance for factors between 2 and 3. We chose 2, to conduct a larger number of restarts per run.

To decide when to restart the following (default stopping) criteria do apply.<sup>2</sup>

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 $<sup>^1{\</sup>rm A}$  more elaborated algorithm description can be accessed via http://www.bionik.tu-berlin.de/user/niko/cmatutorial.pdf.

<sup>&</sup>lt;sup>2</sup>These stopping criteria were developed before the benchmark function

- Stop if the range of the best objective function values of the last  $10 + \lceil 30n/ \rceil$  generations is zero (equalfunvalhist), or the range of these function values and all function values of the recent generation is below Tolfun= $10^{-12}$ .
- Stop if the standard deviation of the normal distribution is smaller than TolX in all coordinates and  $\vec{p_c}$ (the evolution path from Eq. 2 in [3]) is smaller than TolX in all components. We set TolX=  $10^{-12}$  <sup>(0)</sup>.
- Stop if adding a 0.1-standard deviation vector in a principal axis direction of  $C^{(g)}$  does not change  $\langle \vec{x} \rangle_{W}^{(g)}$  (noeffectaxis)<sup>3</sup>
- Stop if adding 0.2-standard deviation in each coordinate does change  $\langle \vec{x} \rangle_{W}^{(g)}$  (noeffectcoord).
- Stop if the condition number of the covariance matrix exceeds 10<sup>14</sup> (conditioncov).

The distributions of the starting points  $\langle \vec{x} \rangle_{W}^{(0)}$  and the initial step-sizes <sup>(0)</sup> are derived from the problem dependent initial search region and their setting is described in the next section, as well as the overall stopping criteria for the IPOP-CMA-ES.

### **3 Experimental procedure**

The restart- $(\mu_W, \)$ -CMA-ES with increasing population size, IPOP-CMA-ES, has been investigated on the 25 test functions described in [8] for dimension 10, 30 and 50. For each function a bounded subset  $[A, B]^n$  of  $\mathbb{R}^n$  is prescribed. For each restart the initial point  $\langle \vec{x} \rangle_W^{(0)}$  is sampled uniformly within this subset and the initial step-size (0) is equal to (B - A)/2. The stopping criteria before to restart are described in the last section. The overall stopping criteria for the algorithm prescribed in [8] are: stop after  $n \times 10^4$  function evaluations or stop if the objective function error value is below  $10^{-8}$ .

The boundary handling is done according to the standard implementation of CMA-ES and consists in penalizing the individuals in the infeasible region.<sup>4</sup> For each test function, 25 runs are performed. All performance criteria are evaluated based on the same runs. In particular, the times when to measure the objective function error value (namely at  $10^3$ ,  $10^4$ ,  $10^5$  function evaluations) were not used as input parameter to the algorithm (*e.g.*, to set the maximum number of function evaluations to adjust an annealing rate).

**Test functions** The complete definition of the test suit is available in [8]. The definition of functions 1-12 is based on classical benchmark functions, that we will refer in the sequel also by their name. Functions 1-5 are unimodal and

functions 6–12 are multi-modal. Functions 13–25 result from the composition of several functions. To prevent exploitation of symmetry of the search space and of the typical zero value associated with the global optimum, the local optimum is shifted to a value different from zero and the function values of the global optima are non-zero.

**Success performances** Evaluating and comparing the performances of different algorithms on multi-modal problems implies to take into account that some algorithms may have a small probability of success but converge fast whereas others may have a larger probability of success but be slower.

To evaluate the performances of an algorithm **A** the following success performance criterion has been defined in [8]

$$\widehat{SP1} = \frac{\mathbb{E}(T_A^s)}{\widehat{p}_s} \quad , \tag{1}$$

where  $\mathbb{E}(T_A^s)$  is an estimator of the expected number of objective function evaluations during a successful run of **A**,

$$\widehat{\mathbb{E}(T^s_A)} = \frac{\text{Nbr. evaluations in all successful runs}}{\text{Nbr. successful runs}}$$

and  $\hat{p_s}$  an estimator of the probability of success<sup>5</sup> of **A** 

$$\widehat{p_{s}} = \frac{\text{Nbr. successful runs}}{\text{Nbr. runs}}$$

In [1] we have shown that this performance criterion is a particular case of a more general criterion. More precisely, consider T the random variable measuring the overall running time (or number of function evaluations) before a success criterion is met by independent restarts of **A**, then the expectation of T is equal to

$$\mathbb{E}(T) = \left(\frac{1 - p_{\rm s}}{p_{\rm s}}\right) \mathbb{E}(T_A^{us}) + \mathbb{E}(T_A^s) \tag{2}$$

where  $p_s$  is the probability of success of A, and  $\mathbb{E}(T_A^{us})$ and  $\mathbb{E}(T_A^s)$  are the expected number of function evaluations for unsuccessful and successful runs, respectively (see [1, Eq. 2]). For  $\mathbb{E}(T_A^{us}) = \mathbb{E}(T_A^s)$ , Eq. 2 simplifies to  $\mathbb{E}(T) = \mathbb{E}(T_A^s)/p_s$ . Therefore  $\widehat{SP1}$  estimates the expected running time T under this particular assumption.

Taking now into account that the algorithm investigated in this paper is a restart strategy and that the maximum number of function evaluations allowed is  $FE_{max} = n \times 10^4$ , we can derive another success performance criterion (see [1] for the details). Indeed for a restart strategy it is reasonable to assume that a run is unsuccessful only because it reaches  $FE_{max}$  evaluations. Therefore Eq. 2 simplifies into

$$SP2 = \left(\frac{1 - p_s}{p_s}\right) F E_{\max} + \mathbb{E}(T_A^s)$$
(3)

for which the estimator we will use is

$$\widehat{\text{SP2}} = \left(\frac{1-\widehat{p_s}}{\widehat{p_s}}\right) F E_{\max} + \widehat{\mathbb{E}(T_A^s)} \quad . \tag{4}$$

suit used in this paper was assembled.

<sup>&</sup>lt;sup>3</sup>More formally, stop if  $\langle \vec{x} \rangle_{W}^{(g)}$  equals to  $\langle \vec{x} \rangle_{W}^{(g)} + 0.1 \sigma^{(g)} \sqrt{\lambda_{i}} \vec{u}_{i}$ , where  $i = (g \mod n) + 1$ , and  $\lambda_{i}$  and  $\vec{u}_{i}$  are respectively the ith eigenvalue and eigenvector of  $C^{(g)}$ , with  $||\vec{u}_{i}|| = 1$ .

<sup>&</sup>lt;sup>4</sup>For details refer to the used MATLAB code, cmaes.m, Version 2.35, see http://www.bionik.tu-berlin.de/user/niko/formersoftwareversions.html

<sup>&</sup>lt;sup>5</sup>If  $\hat{p_s}$  is zero  $\widehat{SP1}$  is not computed.

Table 1: Measured CPU-seconds, according to [8], using MATLAB 7.0.1, Red Hat Linux 2.4, 1GByte RAM, Pentium 4 3GHz processor. Time T2 is the CPU-time for running the IPOP-CMA-ES until  $2 \times 10^5$  function evaluations on function 3. For n = 30 the IPOP-CMA-ES needs on average 0.12 CPU-milliseconds per function evaluation. The strategy internal time consumption scales with  $O(n^2)$ . The large values for T1 reflect the large number of objective functions calls, while for T2 a complete, eventually large, population is evaluated (serially) within a single function call. Running the same code using MATLAB 6.5.0, Windows XP, 512MByte, 2.4GHz, increases T0 by more than a factor of ten, whereas T1 and T2 increase by less than a factor of two

	T0	T1	T2
n = 10	0.4s	32s	17s
n = 30	0.4s	41s	24s
n = 50	0.4s	49s	56s

We also derived the variance of SP2

$$\operatorname{var}(\mathrm{SP2}) = \left(\frac{1 - p_{\mathrm{s}}}{p_{\mathrm{s}}^2}\right) (FE_{\mathrm{max}})^2 + \operatorname{var}(T_A^s) \quad , \quad (5)$$

and consider here its following estimator

$$\widehat{\operatorname{var}(\operatorname{SP2})} = \left(\frac{1-\widehat{p_{\mathrm{s}}}}{\widehat{p_{\mathrm{s}}}^2}\right) (FE_{\max})^2 + \widehat{\operatorname{var}(T_A^s)}.$$
 (6)

where  $var(T_A^s)$  is an estimator for the variance of the number of objective function evaluations during a successful run of **A**.

#### **4 Results**

Figure 1 presents the convergence graphs associated to the median value at each generation. Steps that repeatingly occur in the graphs, most prominent for function 12, indicate that the larger population sizes achieve better results. The observed maximal final population size is = 640, 448, 480, which means  $2^6, 2^5, 2^5$  times start = 10, 14, 15, for n = 10, 30, 50, respectively.

According to the requirements, Table 1 reports CPUtime measurements, Table 2 gives the number of function evaluations to reach the success criterion (if successful), the success rate, and the success performances as defined in the previous section. The objective function error values after  $10^3$ ,  $10^4$ ,  $10^5$  and  $n \times 10^4$  function evaluations are presented in Table 5, 6 and 7.

On the ill-conditioned and non-separable function 3, the performance is exceptionally good whereas many evolutionary algorithms fail to locate the optimum of this convexquadratic function. Invariance of the CMA-ES against orthogonal transformations leads to similar performance on functions 9 and 10 which are respectively the Rastrigin function and the rotated Rastrigin function. If the maximum number of function evaluations is increased on Rastrigin function the success performance values improve (*e.g.* on function 10 for n = 30, by a factor of almost three, given  $FE_{\text{max}} = 3 \times n \times 10^4$ ). On function 8, the Ackley function composed with a linear transformation, the success rate is zero. This result seems to contradict previous results on the Ackley function [3], but it can be explained by the different scaling that is applied here: outside the usual bounds ( $[-32, 32]^n$ ) the Ackley function is almost flat and the composition with a linear transformation with a condition number of 100 brings this flat region into the search space. Therefore the function looks like a needle in the haystack problem. In case of the noisy Schwefel Problem (function 4) we observe premature convergence for dimension 30 and 50 due to a too fast decrease of the step-size.

**Comparison with a pure local restart (LR) strategy** To evaluate the impact of the increase of the population after each restart, we compare the results presented here with a pure restart strategy, *i.e.* where the population is kept fixed after each restart of the ( $\mu_W$ , )-CMA-ES, presented in [1] and referred to as LR-CMA-ES in the following. Moreover, to stress the local search characteristics, in LR-CMA-ES the initial step-size equals to  $0.5 \times 10^{-2}(B - A)$ . Even though such a small initial step-size suggests that the strategy operates as a pure local search, the step-size adaptation mechanism allows yet to search more globally than a pure local search method. In fact, in some cases the step-size adaptation increases the step-size by a factor close to  $10^2$ . The detailed results for this latter approach are presented in [1].

We test the statistical significance of the differences observed on the data. Table 3 reports the result of the Kolmogorov-Smirnov test for comparing the distributions of the objective function values from Tables 5, 6, and 7 compared to [1]. Table 4 reports results for the two-sided Wilcoxon rank sum test for equal medians.

From the convergence plots for n = 30 in Fig. 1 we observe remarkable differences in the convergence graphs compared to [1] on functions 4, 9–12, 17, and 24. All these differences are highly significant and favor IPOP-CMA-ES.

The effect of the different initial step-size is significantly visible after  $10^3$  function evaluations in all functions at least for some dimension (Table 4), except for the Ackley function 8. Unexpectedly, in most cases the larger initial stepsize of IPOP-CMA-ES leads to a better function value distribution even after  $10^3$  function evaluations.

According to Table 4, disregarding the initial differences after a small number of function evaluations, IPOP-CMA-ES significantly outperforms LR-CMA-ES on the functions 4, 9–12, 14, 16, 17, 22, and 24. Contrariwise, on functions 13 (n = 10), 21 (n = 10; 50), and 23 (n = 50) LR-CMA-ES significantly outperforms IPOP-CMA-ES. For function 21 the diversity of the solutions found in the local-restart approach suggests that the small population size is favorable, because it allows to converge faster to a local minimum and therefore allows to do more restarts and visit more different local optima before reaching  $n \times 10^4$  function evaluations.

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Figure 1: Best objective function error value (log scale) versus number of function evaluations for the 25 problems in dimension 30. For each run the best individual found until the current generation is considered and shown is the median value of 25 runs at each generation. The respective problem number is given in the legend.

Table 2: For the 25 problems in dimension n = 10, n = 30, and n = 50, number of function evaluations (min, 7<sup>th</sup>, median, 19<sup>th</sup>, maximum, mean and standard deviation) needed to reach the neighborhood of the global optimum with the objective function error value (accuracy) as given in the Tol column. A run is successful if it reaches Tol before  $n \times 10^4$  function evaluations. For functions 13 to 25 none of the runs reach the given accuracy. Success rate  $(p_s)$  and success performance SP1 and SP2 as defined in Eq. 1 and Eq. 4. Standard deviation for SP2 as defined in Eq. 6.

	Prob.	Tol	min	$7^{th}$	median	$19^{th}$	max	mean	std	$p_s$	SP1	SP2	std(SP2)
	1	1e-6	1.44e + 3	1.58e + 3	1.63e + 3	1.65e + 3	1.71e + 3	1.61e+3	6.14e + 1	1.00	1.61e + 3	1.61e + 3	6.14e + 1
	2	1e-6	2.20e + 3	2.33e + 3	$2.35\mathrm{e}{+3}$	2.44e + 3	$2.60 \mathrm{e}{+3}$	2.38e+3	1.06e + 2	1.00	2.38e + 3	2.38e + 3	1.06e + 2
	3	1e-6	5.84e + 3	6.31e + 3	6.51e + 3	6.71e + 3	7.20e + 3	6.50e + 3	2.92e + 2	1.00	6.50e + 3	6.50e + 3	2.92e + 2
	4	1e-6	2.52e + 3	2.82e + 3	2.88e + 3	3.03e + 3	3.22e + 3	2.90e+3	1.68e + 2	1.00	2.90e + 3	2.90e + 3	1.68e + 2
	5	1e-6	5.36e + 3	5.63e + 3	5.83e + 3	5.97e + 3	6.72e + 3	5.85e+3	2.89e + 2	1.00	5.85e + 3	5.85e + 3	2.89e + 2
$n = 10^{-1}$	6	1e-2	5.67e + 3	7.08e+3	8.55e + 3	1.37e + 4	2.26e + 4	1.08e+4	5.00e + 3	1.00	1.08e + 4	1.08e + 4	5.00e + 3
	7	$1  \mathrm{e} - 2$	1.49e + 3	1.80e + 3	5.83e + 3	6.24e + 3	1.33e + 4	4.67e + 3	2.83e + 3	1.00	4.67e + 3	4.67e + 3	2.83e + 3
	8	1e-2	-	-	-	-	-	-	-	0.00	-	0.00e + 0	-
	9	1e-2	2.33e + 4	4.62e + 4	7.85 e + 4	8.31e + 4	-	5.75e+4	2.11e + 4	0.76	7.57e + 4	8.91e + 4	6.78e + 4
	10	$1 \mathrm{e} - 2$	2.68e + 4	4.74e + 4	5.15e + 4	7.84e + 4	-	5.98e + 4	1.81e + 4	0.92	6.50e + 4	6.85e + 4	3.57e + 4
	11	1e - 2	3.05e + 4	-	-	-	-	6.31e + 4	2.56e + 4	0.24	2.63e + 5	3.80e + 5	3.64e + 5
	12	1e - 2	2.37e + 3	3.92e + 3	3.10e + 4	7.18e + 4	-	2.88e + 4	2.78e + 4	0.88	3.27e + 4	4.24e + 4	4.82e + 4
								•		•			
	Prob.	Tol	min	$7^{th}$	median	$19^{th}$	max	mean	std	$p_s$	SP1	SP2	std(SP2)
	1	1e-6	4.15e + 3	4.42e + 3	4.50e + 3	4.58e + 3	4.72e + 3	4.50e + 3	1.33e + 2	1.00	4.50e + 3	4.50e + 3	1.33e + 2
	2	1e-6	1.20e + 4	1.28e + 4	1.31e + 4	1.32e + 4	1.36e + 4	1.30e+4	3.52e + 2	1.00	1.30e + 4	1.30e + 4	3.52e + 2
	3	1e-6	4.15e + 4	4.23e + 4	4.27e + 4	$4.30\mathrm{e}{+4}$	4.42e + 4	4.27e + 4	6.06e + 2	1.00	4.27e + 4	4.27e + 4	6.06e + 2
	4	1e-6	1.94e + 4	2.71e + 4	-	-	-	2.36e + 4	4.79e + 3	0.40	5.90e + 4	4.74e + 5	5.81e + 5
	5	1e-6	1.91e + 4	5.74e + 4	6.83e + 4	7.62e + 4	1.03e + 5	6.59e + 4	1.85e + 4	1.00	6.59e + 4	6.59e + 4	1.85e + 4
n = 30	6	1e-2	3.76e + 4	4.47e + 4	4.83e + 4	5.82e + 4	1.55e + 5	6.00e+4	2.81e+4	1.00	6.00e + 4	6.00e+4	2.81e+4
	7	1e - 2	4.12e + 3	4.82e + 3	4.97 e + 3	5.23e + 3	1.99e + 4	6.11e + 3	4.02e + 3	1.00	6.11e + 3	6.11e + 3	4.02e + 3
	8	1e-2	-	-	-	-	-	-	-	0.00	-	0.00e + 0	-
	9	1e-2	2.75e + 5	2.91e + 5	-	-	-	2.85e+5	6.87e + 3	0.36	$7.90  \mathrm{e} + 5$	8.18e + 5	$6.67 \mathrm{e}{+5}$
	10	1e-2	2.87e + 5	-	-	-	-	2.90e + 5	2.44e + 3	0.12	2.42e + 6	2.49e + 6	2.35e + 6
	11	1e-2	1.99e + 5	-	-	-	-	1.99e + 5	0.00e + 0	0.04	4.98e + 6	7.40e + 6	7.35e+6
	12	1e-2	1.67e + 4	1.38e + 5	-	-	-	7.19e+4	7.54e + 4	0.32	$2.25 \mathrm{e}{+5}$	7.09e + 5	7.77e + 5
	Prob.	Tol	min	7 <sup>th</sup>	median	19 <sup>th</sup>	max	mean	std	$p_s$	SP1	SP2	std(SP2)
	1	1e-6	6.54e + 3	6.80e + 3	6.89e + 3	6.96e + 3	7.13e + 3	6.88e + 3	1.42e + 2	1.00	6.88e + 3	6.88e + 3	1.42e + 2
	2	1e-6	3.00e+4	3.09e + 4	3.11e + 4	3.15e + 4	3.29e + 4	3.13e + 4	6.55e + 2	1.00	3.13e + 4	3.13e + 4	6.55e + 2
	3	1e-6	1.15e + 5	1.16e + 5	1.17e + 5	1.17e + 5	1.18e + 5	1.17e+5	6.77e + 2	1.00	1.17e + 5	1.17e + 5	6.77e + 2
	4	1e-6	-	-	-	-	-	-	-	0.00	-	0.00e+0	-
	5	1e-6	-	-		-		-	-	0.00		0.00e+0	
n = 50	6	1e-2	1.15e + 5	1.23e + 5	1.36e + 5	1.50e + 5	3.59e + 5	1.58e + 5	6.68e + 4	1.00	1.58e + 5	1.58e + 5	6.68e + 4
	7	1e-2	7.32e + 3	7.67e + 3	8.00e + 3	8.22e + 3	1.01e+4	8.03e+3	5.56e + 2	1.00	8.03 e + 3	8.03e+3	5.56e + 2
	8	1e - 2	-		-	-	-		-	0.00		0.00e+0	-
	9	1e - 2	4.06e+5	4.64e+5	-	-	-	4.35e+5	2.22e + 4	0.28	1.55e+6	1.72e+6	1.52e+6
	10	1e - 2	4.32e+5		-	-		4.52e + 5	2.00e+4	0.12	3.76e+6	4.12e+6	3.91e+6
	11	1e-2	-	-	-	-	-	-	-	0.00	-	0.00e+0	-
	12	1e-2	-	-	-	-	-	-	-	0.00	-	U.00e+0	-

Table 3: Results of the Kolmogorov-Smirnov test between IPOP-CMA-ES and LR-CMA-ES for dimensions 10, 30, and 50. For each test problem (column) and for each number of function evaluations (FES) being equal to  $10^3$ ,  $10^4$ ,  $10^5$  and  $n \times 10^5$  (row), the hypothesis is tested whether the measured objective function value distributions are identical for the IPOP-CMA-ES and the LR-CMA-ES. Given is the negative base ten logarithm of the *p*-value. That is, for the upper left entry we have a significance level of  $p = 10^{-5.8}$ . The 5%-significance level using the (most conservative) Bonferroni correction for multiple testing evaluates to  $-\log_{10}(0.05/375) \approx 3.9$ ; that is, entries larger than 4 can be well regarded as statistically significant

	•	-									1	i =	10														
	FE	S	1 2	3	4	5	6	7 8	3 9	10	) 11	12	13	14	1:	5 16	5 17	18	19	20	21	22	23	24	25		
	1e	3 5	.8 2.0	) 2.0	11.5	5.8	0.9	8.8 0	2 8.8	3 9.'	7 3.4	1 1.6	0.1	5.8	5.	8 2.	0 8.8	0.9	0.6	0.6	1.2	2.0	2.0	7.3	9.7		
	1e	4 0	.1 0.4	0.4	9.7	0.1	0.2 (	$0.6 \ 1$	6 11.	5 11.	5 5.8	3 5.2	0.9	8.0	2.	0 3.	9 6.5	2.9	1.2	0.9	0.6	<b>2.4</b>	0.9	5.2	1.2		
	1e	5 0	.1 0.4	0.4	6.5	0.1	0.2	2.0 0	0 11.	5 11.	5 7.3	3 2.9	4.5	10.0	<b>3</b> 1.	2 8.	0 9.7	3.4	3.9	3.4	6.5	6.5	2.9	5.2	1.6		
											r	<i>i</i> =	30														
FES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	2	1	22	23	24	25	
1e3	9.7	11.5	10.6	11.5	10.6	5 10.	6 11.	.5 0.9	10.6	11.5	3.9	9.7	0.9	8.8	2.4	2.9	11.5	11.5	10.6	11.	57.	.3 8	3.8	10.6	11.5	11.5	
1e4	0.0	2.9	7.3	9.7	0.4	0.9	9 1.0	6 0.4	11.5	11.5	7.3	3.4	0.4	8.8	1.2	0.2	10.6	8.8	9.7	10.	6 0.	.1 8	5.8	0.2	8.0	4.5	
1e5	0.0	<b>2.0</b>	0.1	8.0	0.4	0.1	1 1.:	2 3.4	11.5	11.5	8.0	6.5	0.2	7.3	2.9	5.2	7.3	9.7	11.5	9.7	70.	.0 1	0.6	0.1	8.0	2.4	
<u>3e5</u>	0.0	2.0	0.1	8.0	0.4	0.4	4 1.	2 0.9	11.5	11.5	9.7	8.0	1.6	8.0	2.4	8.0	7.3	7.3	9.7	7.3	3 0.	.1 9	9.7	1.2	8.0	2.4	
											r	i =	50													_	
FES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	0	21	22	23	24	25	
1e3	11.5	11.5	11.5	11.5	5.8	10.6	11.5	0.4	11.5	11.5	5.2	11.5	4.5	8.8	2.0	8.8	11.5	11.5	10.0	6 11	.5 1	1.5	9.7	11.	5 11.	5 11.5	5
1e4	0.9	8.8	11.5	11.5	1.2	0.6	5.8	0.1	11.5	11.5	10.6	3.4	0.4	8.0	0.9	<b>2.0</b>	11.5	4.5	8.0	6.	$5 \ 1$	1.5	9.7	3.4	3.4	11.8	5
1e5	0.9	0.2	3.4	5.8	1.2	0.2	0.6	0.1	11.5	11.5	11.5	8.0	0.9	9.7	5.8	5.2	10.6	5.8	5.8	8.	0 1	1.5	11.5	3.4	2.4	1.2	í.
5e5	0.9	0.2	0.1	2.0	0.6	0.4	0.6	1.2	11.5	11.5	11.5	7.3	0.1	7.3	5.2	9.7	10.6	3.4	2.4	2.	9 1	1.5	11.5	10.	5 2.4	1.6	)

Table 4: Results of the two-sided Wilcoxon rank sum test for median function values between IPOP-CMA-ES and LR-CMA-ES for dimensions 10, 30, and 50. For each test problem (column) and for each number of function evaluations (FES) being equal to  $10^3$ ,  $10^4$ ,  $10^5$ , and  $n \times 10^5$  (row), the hypothesis is tested whether the median for IPOP-CMA-ES and LR-CMA-ES are the same. Given is the negative base ten logarithm of the *p*-value. That is, for the upper left entry we have a significance level of  $p = 10^{-6.7} \approx 2 \times 10^{-7}$ . The plus indicates that the median was lower (better) for LR-CMA-ES, the star denotes cases where this is statistically significant. The 5%-significance level using the (most conservative) Bonferroni correction for multiple testing evaluates to  $-\log_{10}(0.05/375) \approx 3.9$ ; that is, entries larger than 4 can be well regarded as statistically significant.

		<b>U</b>												~												
												n	= 10	)												
ſ	FES	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18 1	9 20	) 2	21 22	23	24	25	
Γ	1e3	6.'	7 3.2	+2.1	1 8.8	6.2	0.8	7.1	+0.0	7.6	8.0	3.7	0.6	+0.0	6.3	4.6	1.9 8	3.3 (	0.7 0	.6 1.	4 0	.8 2.8	$^{3}+0.$	8 4.7	7.6	
	1e4	+0	.0 0.6	0.4	8.5	0.0	+0.4	1.4	+1.7	8.9	8.9	5.3	4.0	+0.6	6.7	2.5 4	4.3 6	$3.5_{2}$	2.6 1	.5 1.	0 0	.0 1.8	3 <sub>+</sub> 0.	6 6.0	1.1	
	1e5	+0	.0 0.6	0.4	6.9	0.0	0.4	2.3	0.5	8.9	8.8	6.6	3.4 +	4.4	8.6	$0.3^{-1}$	7.0 8	8.1 4	4.1 4	.6 4.	7 +	5.4 5.7	7 1.6	5.6	2.0	
-												n	- 30	n												
Г	FES	1	2	3	4	5	6	7	8	9	10	11	12	12	3	14 15	5 16	17	18	19	20	21 22	2 23	24	25	
F	1e3	8.5	+ 8.8	+ 8.	7 8.8	8.5	8.8	8.8	+1.3	8.3	8.8	4.3	+ 8.0	) 1.	0 6	.7 2.	8 3.8	3 8.8	3 8.8	8.8	8.8	8.0 7.	7 8.1	8.8	8.8	
	1e4	0.0	3.2	+ 7.	5 8.5	0.3	0.4	2.1	+0.3	8.8	8.8	6.7	3.0	+0	.3 6	.7 2.	1 0.3	3 8.4	1 8.2	7.8	8.6	0.9 5.	4 +0.	0 4.5	3.9	
	1e5	0.0	2.4	<b>+</b> 0.	5 7.4	0.2	0.2	2.3	+3.4	8.9	8.9	7.9	5.8	0	.2 6	.1 2.0	6 3.3	3 7.1	6.4	8.8	6.4	0.5 8.	8 0.4	4.5	2.5	
	3e5	0.0	2.4	+0.	5 7.4	0.2	0.6	2.3	2.6	8.8	8.9	8.3	6.4	+1	.5 7	.5 0.5	2 5.5	5 7.2	2 3.5	6.4	3.5	1.4 8.	6 1.2	2 4.5	2.5	
-												~	- 50	0												
												$\underline{n}$	= 00	<u> </u>							-					
5	1	2	3	4	5	6	1	8	9	10	11	1	.2	13	14	15	16	17	18	19	20	21	22	23	24	25
	8.8	+8.8	+8.8	8.8	6.7	8.6	8.8	+0.	4 8.8	8.8	+ 4.	1 +	8.8 +	4.1	8.1	+0.2	8.4	8.8	8.8	8.7	8.8	8.8	8.6	8.8	8.8	8.
	0.7	+ 8.2	+ 8.8	8.8	+1.0	0.4	5.0	+0.	4 8.8	8.8	7.9	) 1	.0 +	-0.3	7.2	+0.8	1.0	8.8	3.7	6.3	4.6	+ 9.6	8.5	+0.3	0.4	8.
	0.7	0.3	+3.1	4.9	1.1	0.0	0.5	+0.	1 8.8	8.9	8.8	35	.9	0.5	7.4	6.1	3.9	8.6	2.5	2.2	4.4	+10.0	8.8 (	+0.3	+0.0	<b>2</b> .
	0.7	0.3	+0.3	2.6	$^{+0.5}$	+0.3	3 0.5	2.0	8.9	8.8	8.8	36	.3 +	-0.1	7.4	2.0	7.1	8.6	+0.3	3 0.1	0.1	+10.0	8.8	+7.6	+0.0	2.

#### 5 Summary and conclusions

In this paper we have investigated the IPOP-CMA-ES, a restart CMA-ES with a population size successively increased by a factor of two. The algorithm has been tested on 25 benchmark functions and compared with a pure restart CMA-ES with constant population size where the initial step-size is small. As expected, increasing the population size is usually the better choice, and IPOP-CMA-ES significantly outperforms the pure restart approach on many multimodal problems. On unimodal non-noisy functions no relevant differences are observed and IPOP-CMA-ES performs as well as the standard ( $\mu_W$ , )-CMA-ES.

To draw a final conclusion we emphasize two important aspects that have to be taken into account when judging the performance of any search algorithm. First, as for the standard ( $\mu_W$ , )-CMA-ES, the IPOP-CMA-ES is **quasi parameter free**.<sup>6</sup> In the presented experiments only the ini-

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<sup>&</sup>lt;sup>6</sup>Remark that the number of parameters in the description of an algorithm is somewhat arbitrary: the more general the description, the more parameters appear. Therefore, the existence or absence of parameters in the algorithm description cannot have influence on the assessment of the number of parameters that need to be (empirically or heuristically) determined each time the algorithm is applied. For the CMA-ES, strategy parameters have been chosen in advance, based on principle algorithmic considerations and in-depth empirical investigations on a few simple test functions. To our experience the strategy parameters (*e.g.* a learning rate, a time horizon, or a damping factor) mostly depend on algorithmic internal considerations and on the search space dimension, and to a much lesser extend on the specific objective function the algorithm is applied to. Nevertheless, it is possible to improve the performance by tuning strategy parameters and stopping criteria on most (all?) functions.

	FES	Prob.	1	2		3	4	5		6	7		8	9	)	10	11		12
-		min	1.88e-	-3 6.226	e+0 1	.07e+6	8.86e	+1 6.71	e+0 1.1	2e+1	6.51	e-1 2	0.05e + 1	5.02	e+0 6.1	1e+0	2.33e+	0 3.2	26e+1
		$7^{th}$	7.56e-	3 2.406	e+1 5	.73e+6	5.81e	+2 1.25	e+1 1.2	7e+2	7.28	e-1 2	.07e+1	1.43	e+1 3.6	53e+1	6.54e +	0 2.8	82e+2
		med.	1.34e-	-2 4.356	e+1 1	.14e+7	1.58e	+3 2.16	e+1 1.9	1e+3	9.06	e-1 2	2.08e + 1	2.75	e+1 4.5	56e+1	8.21e+	0 2.2	28e+3
	1e3	$19^{th}$	2.46e-	2 8.366	e+1 2	.39e+7	4.28e	+3 3.76	e+1 3.1	5e+3	9.74	e-1 2	.08e+1	4.70	e+1 5.3	4e+1	9.35e +	0 8.3	37e + 4
		max	4.68e-	-2 1.70e	+2 5	.67e+7	1.75e	+4 6.71	e+1 9.8	9e+5	1.11	e+0 2	.09e+1	5.91	e+1 6.3	37e+1	1.13e+	1 1.2	29e+5
		mean	1.70e-	-2 5.836	e+1 1	.68e+7	3.00e	+3 2.81	e+1 4.3	0e+4	8.69	e-1 2	2.08e + 1	3.07	e+1 4.1	7e+1	7.97e+	0 3.5	59e+4
_		std	1.20e-	-2 4.74e	e+1 1	59e+7	3.83e	+3 1.85	e+1 1.9	7e+5	1.38	e-19	.93e-2	1.72	e+1 1.5	57e+1	2.22e +	0 4.9	95e+4
		min	1.84e-	9 2.216	e-92	2.21e-9	1.71e	-9 2.46	e-9 3.2	9e-9	$9.31\epsilon$	$e^{-10}$ 2	1.03e + 1	1.99	e+0 2.9	98e+0	3.38e-	1 3.4	12e-9
		$7^{th}$	3.75e-	9 3.276	e94	.61e-9	3.85e	-9 5.02	e-9 4.4	9e-9	2.81	e92	.05e+1	4.97	e+0 4.9	97e+0	2.79e +	0 6.6	66e-9
		med.	5.65e-	9 4.536	e <b>9</b> 5	5.51e-9	4.78e	-9 6.33	e <b>-</b> 9 7.3	7e-9	5.46	e92	.06e+1	5.97	e+0 6.9	96e+0	4.65e+	0 1.8	38e+1
	1e4	$19^{th}$	6.42e-	9 5.716	e96	.58e-9	6.46e	-9 8.60	e <b>—9</b> 3.9	9e+0	7.77	e—9 2	.06e+1	7.96	e+0 7.9	96e+0	5.72e +	0 1.3	35e+3
		max	9.34e-	9 7.676	e-99	.66 e —9	7.80e	-9 9.84	e-9 2.6	3e+2	1.48	e2 2	.07e+1	1.09	e+1 1.5	59e+1	7.87e+	0 6.3	34e+4
		mean	5.20e-	9 4.706	e-9 5	.60e-9	5.02e	-9 6.58	e-9 1.1	7e+1	2.27	e-3 2	1.05e + 1	6.21	e+0 7.1	6e+0	4.42e+	0 2.9	98e+3
		std	1.94e-	-9 1.566	e <b>-9</b> 1	.93e-9	1.71e	-9 2.17	e-9 5.2	4e+1	4.32	e3 8	.62 e - 2	2.10	e+0 3.1	2e+0	2.10e +	0 1.2	26e+4
-		min	1.84e-	9 2.216	e-9 2	.21e-9	1.71e	-9 2.46	e-9 1.4	4e - 9	6.226	-10 2	.00e+1	1.526	-10 1.5	0e-10	5.27e-1	0 1.0	)8e-9
		$7^{th}$	3.75e-	9 3.276	e-94	.61e-9	3.85 e	-9 5.02	e-9 3.8	1e-9	1.65	e—92	.00e+1	3.46e	-10 3.3	4e-10	3.48e-	2 2.8	81e-9
		med.	5.65e-	9 4.536	e <b>9</b> 5	.51e-9	4.78e	-9 6.33	e-9 4.6	9e-9	2.84	e9 2	.00e+1	6.14e	e-10 5.6	4e - 10	6.34e-	1 3.8	39e9
	1e5	$19^{th}$	6.42e-	9 5.716	e-96	.58e-9	6.46e	-9 8.60	e-9 5.6	7e-9	5.46	e-92	.00e+1	3.50	e-9 1.0	)8e-9	1.64e+	0 5.9	94e-9
		max	9.34e-	9 7.67	e-99	.66e-9	7.80e	-9 9.84	e-9 8.1	3e-9	7.77	e92	.00e+1	9.95	e-1 9.9	95e-1	3.19e +	0 7.1	l2e+2
		mean	5.20e-	9 4.700	e-9 5	.60e-9	5.02e	-9 6.58	e-9 4.8	7e - 9	3.31	e-9 2	2.00e+1	2.39	e−1 7.9	96e-2	9.34e-	1 2.9	93e+1
		std	1.94e-	-9 1.56e	e <b>-9</b> 1	.93e-9	1.71e	-9 2.17	e-9 1.6	6e-9	2.02	e-93	.89e-3	4.34	e-1 2.7	75e - 1	9.00e-	1 1.4	42 e +2
FES	Prot	).	13	14	15	5	16	17	18	0.07	19	20		21	22	23	3	24	25
	min	2.2	0e+0 4	1.07e+0	2.210	e+2 1.	12e+2	1.43e+2	3.04e-	-2 3.0	J4e+2	3.01e-	+2 5.0	0e+2	7.86e+2	5.59€	+2 2.0	0e+2	3.86e + 2
	70.0	3.3	5e+0 4	1.19e+0	4.03	e+2 1.	73e+2	1.90e+2	7.33e-	-2 8.0	)1e+2	7.85e-	+2 5.0	1e+2	7.97e+2	1.096	e+3 2.1	5e+2	3.94e + 2
	mea	. 3.7	5e+0 4	1.29e+0	4.160	e+2 2.	07e+2	2.37e+2	8.09e-	-2 9.6	55e+2	8.03e	+2 8.8	7e+2	8.02e+2	1.266	e+3 5.1	0e+2	3.99e + 2
le3	19"	4.5	1e+0 4	1.37e+0	4.41	e+2 2.	38e+2	2.69e+2	1.02e-	-3 1.0	)2e+3	9.83e	+2 1.2	5e+3	8.57e+2	$1.27\epsilon$	e+3 9.7	6e+2	4.03e+2
	max	5.2	8e+0 4	1.52e + 0	5.89	e+2 4.	$\frac{05e+2}{10}$	1.01e+3	1.06e-	3 1.0	$\frac{66+3}{10}$	1.07e-	+3 1.2	7e+3	9.49e+2	1.28€	e+3 9.9	$\frac{4e+2}{2}$	5.05e+2
	mea	n 3.8	4e+0 4	1.28e+0	4.120	e+2 2.	19e+2	2.74e+2	8.43e-	-2 8.8	56e+2	8.50e	+2 9.0	5e+2	8.29e+2	1.086	e+3 5.8	9e+2	4.06e+2
	sta	8.0	10e-1	1.33e-1	1.980	$\frac{e+1}{2}$ 7	$\frac{15e+1}{05e+1}$	$\frac{1.73e+2}{1.17e+9}$	2.14e-	$\frac{-2}{2}$ 1.8	97e+2	1.62e	+2 3.4	0e+2	4.81e+1	2.946	e+2 3.3	1e+2	2.99e+1
	$\lim_{n \to th}$	4.9	4e-1 4	2.95e+0	1.090	e+2 7.	95e+1	1.1/e+2	3.00e-	-2 3.0	JUe+2	3.00e-	+2 5.0	0e+2	7.41e+2	0.596	e+2 2.0	0e+2	3.74e+2
	1	17.5	Ue-1 3	3.75e+0	2.000	e+2 1.	02e+2	1.28e+2	3.00e-	-2 3.5	57e+2	5.47e	+2 5.0	0e+2	7.58e+2	5.596	e+2 2.0	0e+2	3.80e+2
	med	. 9.(	7e-1 3	5.99e+0	3.000	e+2 1.	09e+2	1.38e+2	5.28e+	-2 8.0	JUe+2	7.22e-	+2 5.0	0e+z	7.00e+2	1.23€	e+3 2.0	0e+2	3.82e+2
le4	19.	1.1	1e+0 4	1.08e+0	4.000	e+2 1.	16e + 2	1.70e+2	8.00e-	-2 8.0	J8e+2	8.00e	+2 8.5	6e+2	8.00e+2	1.276	e+3 2.0	0e+2	3.84e+2
	max	1.8	4e+0 4	$\frac{1.51e+0}{1.51e+0}$	5.00	e + 2 = 1.	69e + 2	9.99e+2	1.03e-	-3 1.0	J3e+3	9.90e	+2 1.2	5e+3	8.98e+2	1.286	+3 9.7	2e+2	3.89e+2
	mea	n 9.7	10-1 0	3.910+0	2.990	e+2 1.	11e+2	1.956+2	0.02e+	-2 0.1	(be+2	0.856-	+2 7.0	be+2	7.81e+2	9.496	e+2 3.0	4e+2	3.82e+2
	sta	13.1	8e-1 3	$\frac{0.05e-1}{0.08e+0}$	1.020	$\frac{e+2}{2}$ 1.	$\frac{000+1}{000+1}$	1.85e+2	2.700-	-2 2.0	$\frac{52e+2}{2e+2}$	2.20e	+2 3.0	$\frac{0e+2}{0+10}$	3.95e+1	3.526	e + 2 - 2.5	$\frac{8e+2}{2}$	3.42e+0
	$\frac{11111}{7}$ th	4.0	1 e - 1	2.000-0	1.090	e+2 7.	920+1	9.486+1	3.00e4	-2 3.0	JUe+2	3.00e	+2 5.0	0e+2	7.10e+2	0.09€	e+z z.u	0e+2	3.70e+2
	1	0.4	4e-1 2	4.75e+0	2.000	e+2 9.		1.13e+2	3.00e-	-2 3.(	10e+2	3.00e	+2 5.0	ue+2	7.23e+2	5.596	e+2 2.0	ue+2	3.71e+2
1.5	Ined	. 0.8	2e−1 3	0.00e+0	2.000	e+2 9.	136+1	1.22e+2	3.00e4	-2 J.(	10e+2	3.00e	+2 5.0	0e+2	7.30e+2	5.596	2+2 2.0	ue+2	3.74e+2
rea	19	17.0	1e-1 3	0.28e+0	2.000	e+2 9.	∠oe+1	1.30e+2	3.00e-	-23.0	10e+2	3.00e	+2 5.0	0e+2	7.32e+2	5.596	e+2 2.0	0e+2	3.76e+2
	max	1 6 0	10 - 1 - C	$\frac{0.01 + 0}{0.01 + 0}$	4.000	e+2 9.	$\frac{120+1}{120+1}$	2.04e+2	1.18e-	-4 1.0	$\frac{99e+2}{26e+2}$	3.00e	+2 5.0	0e+2	$\frac{1.44e+2}{7.20e+2}$	5.596	+2 2.0	$\frac{0e+2}{0e+2}$	3.79e+2
	Intea	1 0.9		0.01e+0	6 90	e+2 9.	100+1	1.23e+2	3.32e-	-2 3.2 0 0 0	200+2	3.00e-	+2 3.0	ve+2	1.29e+2	0.09€	3+2 2.0	ue+2	3.74e+2
	stu	11.0	we-r a	0.49e-L	0.800	eti J.	498+0	∠.09e+1	_1.1⊿e-	-2 9.5	se+1	u.uue.	+∪ 3.48	se-13	0.80e+0	3.24e	-11 2.2	9e-6	3.22e+0

tial search region is defined problem dependent; no (further) adjustment of parameters is conducted. Second, the IPOP-CMA-ES has several **invariance properties** [2], like invariance against order preserving transformations of the objective function value and invariance against linear transformations of the search space [7]. Invariance properties are highly desirable, because they imply uniform performance on classes of functions and therefore allow for generalization of the empirical results. We believe that parameter tuning and invariances need to be carefully regarded for a conclusive performance evaluation of search algorithms.

Altogether, results of this paper together with previous results for the CMA-ES with large population size [3] give evidence that IPOP-CMA-ES is a remarkably well performing search algorithm for non-linear, non-convex, nonseparable global optimization problems.

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F	ES Pr	ob. 1	2	2	3	4	5	6	7	8	9	10	11	12
	m	in 4.49e	+2 1.12	e+5 3.84	4e + 8 6.13	3e+5 6.	21e+3 3	.26e+6 4	1.10e + 1	2.12e + 1	2.19e + 2	2.43e+2 4	.17e+1	4.23e + 5
	7	<sup>th</sup> 5.48e	+2 1.73	e+5 8.00	0e+8=1.13	2e+6 9.	57e+3 7	.31e+6 9	.39e+1	$2.12e \pm 1$	$2.45e \pm 2$	$2.65e \pm 2$ 4	.43e+1	1.62e+6
		ed 7 40 e	$\pm 2$ 235	e →5 1 0	0 - 1 0 - 1 4	10,⊣6 1	1 /بـم	23017 1	20042	$2120 \pm 1$	2 50 0 + 2	274 + 2	550-1	1 750+6
-	0 1	oth 1.400	12 2.00	15 1.00				.200 17 1	50 10	2.12011	2.00012			1.00 10
T	.e3 13	9 <sup>-1</sup> 1.04e	+3 2.94	e+5 1.3	8e+9 1.8	re+6 1.	24e+4 1	.99e+7 1	.59e+2	2.13e+1	2.66e+2	2.88e+2 4	.71e+1	1.90e+6
	m	ax 1.61e	e+3 3.83	e+5 2.0	7e+9 3.2	9e+6 1.	42e+4 6	.81e+7 3	$3.26 \mathrm{e} + 2$	2.13e + 1	2.87e + 2	3.08e+2 4	.83e+1	2.16e + 6
	m	ean 8.16e	+2 2.39	e+5 1.0	7e+9 1.5	5e+6 1.	07e+4 1	.77e+7 1	39e+2	2.12e + 1	2.53e + 2	2.77e + 2 4	.54e+1	1.67e + 6
	st	d 3.01e	+2 7.80	e+4 4.4	3e+8 6.1	5e+5 2.	13e+3 1	.62e+7 7	7.17e+1	$4.35  \mathrm{e}{-2}$	1.65e + 1	1.90e + 1 1	.76e+0	4.06e + 5
-	m	in 3.98e	-9 2 29	e - 3 = 1 = 2	4e+6 48	8e+2 5	00e - 2 = 1	77e + 1 3	393e-9	$2.10e \pm 1$	$2.39e \pm 1$	$3.08e \pm 1.7$	440+0	$1.34e \pm 1$
		th $470$	0 1.00	- 0 2.4	1 + 1 = 1 = 4					0.11.1	4.00 - 11	4 99 - 11 1	20 - 11	0.05.10
	11	4.706	-9 1.00	e-2 3.4	10+0 1.40	5e+5 1.	00e+3 2	.20e+1 4	1.65e-9	2.11e+1	4.280+1	4.38e+1 1	.39e+1	0.23e+2
	m	ed. 5.20e	-9 2.57	e-2 4.9	Ue+6 3.5	1e+3 1.	32e+3 2	.58e+1 5	0.69e <i>—</i> 9	2.11e + 1	4.88e + 1	5.27e+1 1	.57e+1	3.02e+3
1	.e4 19	$9^{th}   6.10\epsilon$	-9 3.99	e-2 8.2	1e+6 5.13	8e+4 2.	04e+3 2	.22e+2 6	6.95e–9	2.11e + 1	5.47e+1	5.87e+1 1	.85e + 1	1.96e+4
	lm	ax 7.51e	-9 7.49	e-2 1.4	2e+7 2.8	8e+5 3.	20e+3 2	.66e + 3 2	$2.46  \mathrm{e} - 2$	2.12e + 1	7.96e + 1	8.26e+1 2	2.28e + 1	1.71e+6
	m	ean 5.42e	-9 2.73	e - 2 = 6.1	1e+6 4.20	3e+4 1.	51e+3 4	.60e + 2 1	77e - 3	2.11e+1	$4.78e \pm 1$	5.14e + 1 = 1	58e+1	2.51e+5
		d 0.800		-2 3.7	0 + 6 7 4	$30 \pm 1$ 8	820-10 1	$200 \pm 25$	520-3	4.040-2	1.150+1	$1.250 \pm 1$	070-10	$5.770 \pm 5$
	50	u 9.80e	-10 1.19	6-2 3.1	70 1.4	$\frac{1}{2}$	$\frac{020+2}{15}$	05 0 1	5.526-5	4.046-2	1.130+1	$\frac{1.200 + 1}{0.05}$	10	1.07 0
	m	un   3.98e	9 4.48	e-9 4.0	7e-9 6.0	be-9 7.	15e-9 4	.05e-9 I	.76e-9	2.00e+1	2.98e+0	9.95e-1 7	.43e-2	4.27e-9
	7	$t^{n}$ 4.70 e	e-9 5.59	e-9 4.7	8e-9 8.7	5e-9 8.	06e-9 5	0.31e - 9 4	l.59e–9	2.02e+1	4.97 e + 0	5.97e + 0 = 7	′.23e+0	$6.01  \mathrm{e} - 2$
	m	ed. 5.20e	-9 6.13	e-9 5.4	4e-9 1.9	3e+1 8.	61e-9 6	.32e-9 5	5.41e-9	2.09e + 1	6.96e + 0	6.96e+0 9	0.23e+0	3.85e + 2
1	05 10	$Q^{th} = 6.10c$	-9 685	e_9 61	60-9 27	20-13 0	340-9 7	520-0 6	3170-9	$2.10e \pm 1$	8 95e±0	8 95	130-11	1 57e+3
-		0.100	0 8 4 1	0 86	60 0 15	70.15 2	510 6 3		7 81 0 0	2.100 + 1	1 10 0 1	1.000 + 1 = 1	30011	1.370.16
	<u> </u>		-9 0.41	e-9 8.0	$\frac{0e-9}{5}$ 1.5	7 + 1 2.	$\frac{51e-0}{2}$	1.99e+0 1	.010-9	2.110+1	1.190+1	$\frac{1.090+1}{0.00}$	10 10	1.370+0
	m	ean  5.42e	-9 6.22	e-9 5.5	5e-9 1.2	re+4 1.	08e-7 4	.78e-1 5	0.31e-9	2.07e+1	6.89e+0	6.96e+0 S	.10e+0	5.95e+4
	st	d 9.80e	-10 8.95	e - 10  1.0	9e-9 3.5	9e+4 4.	99e-7 1	.32e+0 1	41e <i>-</i> 9	4.28e-1	2.22e+0	2.45e+0 3	.10e+0	2.74e + 5
	m	in 3.986	-9 4.48	e-9 4.0	7e-9 6.0	6e-97.	15e-9 3	.27e-9 1	.76e–9	2.00e+1	4.35 e - 6	3.08e-4 8	.27 e - 10	3.79e-9
	7	$th \mid 4.70\epsilon$	e-9 5.59	e-9 4.7	8e-9 8.7	5e-98.	06e-9 4	.63e-9 4	1.59e-9	2.00e + 1	4.74e-4	9.95e-1 3	6.53e+0	6.43e9
	m	ed 5 20e	-9 613	e - 9 54	4e - 9 - 1 9	3e+1 8	61e-9 5	76e-9 5	41e-9	2.00e+1	9 95e-1	100e+0 f	18e+0	4.54e + 1
	1	oth = 0.200	0 6 95	- 0 6 1	6-0.07	3 - 12 = 0	010 0 0		217-0	2.000 + 1	1.00 - 10	0.17-10	00-10	9.16-10
3	beo 11	9 0.106	9 0.60	e-9 0.1	0e-9 2.1	2e+3 9.	208-9 7	.00e-9 0	5.178-9	2.000+1	1.990+0	2.17e+0 7	.200+0	0.10e+2
	m	$ax 7.51\epsilon$	-9 8.41	e-9 8.6	6e - 9  1.3	1e+5 9.	96e-9 9	.25e-9 7	.81e-9	2.10e+1	4.97e+0	4.59e+0	14e+1	1.10e+6
	m	ean   5.42e	-9 6.22	e-9 5.5	5e-9 1.1	le+4 8.	62e-9 5	.90e-9 5	5.31e <i>-</i> 9	2.01e+1	$9.38  \mathrm{e}{-1}$	1.65e+0 5	6.48 e + 0	4.43e+4
	st	d  9.80e	-10 8.95	e-10 1.0	9e-9 3.0	2e+4 8.5	53e - 10 1	.61e-9 1	l.41e-9	2.79e - 1	1.18e + 0	1.35e+0 3	6.13e+0	2.19e + 5
	•													
FES	Prob.	13	14	15	16	17	18	19	20	21	22	23	24	25
FES	Prob. min	13 3.05e+1	$\frac{14}{1.37e+1}$	$\frac{15}{4.93e+2}$	$\frac{16}{2.75e+2}$	$\frac{17}{3.10e+2}$	18 9.18e+2	$\frac{19}{2 9.16e+2}$	$\frac{20}{2 9.17e}$	$\frac{21}{+2}$ 6.70e	$\frac{22}{2+2}$ 1.00e	$\frac{23}{+3}$ 8.14e+	24 2 9.58e+	$\frac{25}{-2 2.71 e^{+2}}$
FES	Prob. min	13 3.05e+1	14 1.37e+1	15 4.93e+2	16 2.75e+2	17 3.10e+2	18 2 9.18e+2	19 2 9.16e+2	20 2 9.17e-	21 +2 6.70e	22 2+2 1.00e	23 +3 8.14e+	24 2 9.58e+	25 -2 2.71e+2
FES	Prob. min 7 <sup>th</sup>	13     3.05e+1     5.45e+1     7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1      7.26e+1	14     1.37e+1     1.42e+1     1.42e+1	15 4.93e+2 5.66e+2	16 2.75e+2 3.18e+2	17 3.10e+2 4.02e+2	18 2 9.18e+2 9.29e+2	19 2 9.16e+2 2 9.33e+2	20 2 9.17e- 2 9.34e-	$\begin{array}{r} 21 \\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 8.63 \end{array}$	$\begin{array}{r} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.03e \end{array}$	23 +3 8.14e+ +3 9.26e+	24 2 9.58e+ 2 9.77e+	25 -2 2.71e+2 -2 2.87e+2
FES	Prob. min 7 <sup>th</sup> med.	$     \begin{array}{r} 13 \\       3.05e+1 \\       5.45e+1 \\       7.36e+1     \end{array} $	$14 \\1.37e+1 \\1.42e+1 \\1.42e+1$	15 4.93e+2 5.66e+2 6.93e+2	16 2.75e+2 3.18e+2 3.57e+2	17 3.10e+2 4.02e+2 4.58e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2	19 2 9.16e+2 2 9.33e+2 2 9.45e+2	20 2 9.17e- 2 9.34e- 2 9.47e-	21 +2 6.70e +2 8.63e +2 9.60e	$\begin{array}{r} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e \end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2
FES	Prob. min $7^{th}$ med. $19^{th}$	$13 \\ 3.05e+1 \\ 5.45e+1 \\ 7.36e+1 \\ 1.25e+2$	$14 \\1.37e+1 \\1.42e+1 \\1.42e+1 \\1.43e+1$	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2	16 2.75e+2 3.18e+2 3.57e+2 4.54e+2	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2	19 2 9.16e+2 2 9.33e+2 2 9.45e+2 2 9.65e+2	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e-	$\begin{array}{r} 21 \\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ \end{array}$	$\begin{array}{r} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e \end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2
FES	Prob. min $7^{th}$ med. $19^{th}$ max	$\begin{array}{c} 13\\ 3.05e{+}1\\ 5.45e{+}1\\ 7.36e{+}1\\ 1.25e{+}2\\ 4.98e{+}2\end{array}$	$14 \\1.37e+1 \\1.42e+1 \\1.42e+1 \\1.43e+1 \\1.44e+1$	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2 8.51e+2	$     \begin{array}{r} 16 \\       2.75e+2 \\       3.18e+2 \\       3.57e+2 \\       4.54e+2 \\       6.01e+2 \\     \end{array} $	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2	19 2 9.16e+2 2 9.33e+2 2 9.45e+2 2 9.65e+2 2 1.03e+3	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e-	$\begin{array}{r} 21 \\ +2 & 6.70e \\ +2 & 8.63e \\ +2 & 9.60e \\ +2 & 1.01e \\ +3 & 1.11e \end{array}$	22 e+2 1.00e e+2 1.03e e+2 1.06e e+3 1.11e e+3 1.21e	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2
FES	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean	13     3.05e+1     5.45e+1     7.36e+1     1.25e+2     4.98e+2     1.14e+2	$14 \\ 1.37e+1 \\ 1.42e+1 \\ 1.42e+1 \\ 1.43e+1 \\ 1.44e+1 \\ 1.42e+1 \\$	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2 8.51e+2 6.69e+2	16 2.75e+2 3.18e+2 3.57e+2 4.54e+2 6.01e+2 3.75e+2	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2	$   \begin{array}{r} 19 \\ 2 9.16e+2 \\ 2 9.33e+2 \\ 2 9.45e+2 \\ 2 9.65e+2 \\ 2 1.03e+2 \\ 2 9.51e+2 \\ \end{array} $	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e-	$\begin{array}{r} 21 \\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +3 & 1.11 \\ +2 & 9.44 \\ \end{array}$	$\begin{array}{r} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+ +3 1.03e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -2 3.05e+2
FES	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std	$\begin{array}{r} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\end{array}$	$\begin{array}{r} 14 \\ 1.37e+1 \\ 1.42e+1 \\ 1.42e+1 \\ 1.43e+1 \\ 1.44e+1 \\ 1.42e+1 \\ 1.59e-1 \end{array}$	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2 8.51e+2 6.69e+2 1.15e+2	16 2.75e+2 3.18e+2 3.57e+2 4.54e+2 6.01e+2 3.75e+2 7.97e+1	17 $3.10e+2$ $4.02e+2$ $4.58e+2$ $5.38e+2$ $6.83e+2$ $4.79e+2$ $1.14e+2$	18 9.18e+2 9.29e+2 9.48e+2 9.56e+2 9.89e+2 9.45e+2 1.81e+1	$   \begin{array}{r}     19 \\     2  9.16e + 2 \\     2  9.33e + 2 \\     2  9.45e + 2 \\     2  9.65e + 2 \\     2  1.03e + 3 \\     2  9.51e + 2 \\     1  2.47e + 3 \\   \end{array} $	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e-	$\begin{array}{rrrr} & & & & \\ +2 & 6.70e \\ +2 & 8.63e \\ +2 & 9.60e \\ +2 & 1.01e \\ +3 & 1.11e \\ +2 & 9.44e \\ +1 & 1.08e \end{array}$	$\begin{array}{r} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e \end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.03e+ +3 1.03e+ +1 1.05e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1
FES	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\end{array}$	14 1.37e+1 1.42e+1 1.42e+1 1.43e+1 1.44e+1 1.59e-1 1.34e+1	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2 8.51e+2 6.69e+2 1.15e+2 2.08e+2	16 2.75e+2 3.18e+2 3.57e+2 4.54e+2 6.01e+2 3.75e+2 7.97e+1 7.97e+1	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2 1.14e+2 6.88e+1	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2 2 1.81e+ 9 04e+2	19 2 9.16e+2 2 9.33e+2 2 9.45e+2 2 9.65e+2 2 1.03e+3 2 9.51e+2 1 2.47e+1 2 9.04e+1	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e-	$\begin{array}{r} 21 \\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +3 & 1.11 \\ +4 \\ +1 & 1.08 \\ +1 & 1.08 \\ +2 & 5.00 \\ \end{array}$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 6.63e\\ \end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+ +3 1.03e+ +1 1.05e+ +2 5.34e4	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 2.00e+	$\begin{array}{r} 25\\ -2 & 2.71e+2\\ -2 & 2.87e+2\\ -2 & 2.95e+2\\ -2 & 3.08e+2\\ -3 & 3.80e+2\\ -2 & 3.05e+2\\ -1 & 2.75e+1\\ -1 & 2.75e+1\\ -2 & 2.10e+2\\ \end{array}$
FES	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 2.66e+0\\ 2.66e+0\\ 2.66e+0\\ 2.66e+0\\ 3.66e+0\\ 3$	$\begin{array}{r} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.43e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.34e+1\\ 1.96e+1\\ 1$	15 4.93e+2 5.66e+2 6.93e+2 7.37e+2 8.51e+2 6.69e+2 1.15e+2 2.08e+2 2.08e+2	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 5.75e+1\end{array}$	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2 1.14e+2 6.88e+1	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.45e+2 2 9.45e+2 2 1.81e+1 1 9.04e+2	$   \begin{array}{r}     19 \\     2 & 9.16e+2 \\     2 & 9.33e+2 \\     2 & 9.45e+2 \\     2 & 9.65e+2 \\     2 & 1.03e+2 \\     2 & 9.51e+2 \\     1 & 2.47e+2 \\     2 & 9.04e+2 \\     2 & 9.04e+2 \\   \end{array} $	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e-	21 +2 6.70 e +2 8.63 e +2 9.60 e +3 1.11 e +3 1.11 e +2 9.44 e +1 1.08 e +2 5.00 e	22 9+2 1.00e 9+2 1.03e 9+2 1.06e 9+3 1.11e 9+3 1.21e 9+2 1.08e 9+2 5.78e 9+2 8.63e	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+ +3 1.03e+ +1 1.05e+ +2 5.34e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 2.00e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+4 -3 3.80e+4 -2 3.05e+2 -1 2.75e+1 -2 2.10e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.43e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.37e+1\end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ \end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 7.13e+1\end{array}$	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2 1.14e+2 6.88e+1 1.59e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2 2 9.45e+2 2 1.81e+1 9.04e+2 2 9.05e+2	$     \begin{array}{r}       19 \\       2 9.16e+7 \\       2 9.33e+7 \\       2 9.45e+7 \\       2 9.65e+7 \\       2 9.65e+7 \\       2 9.51e+7 \\       1 2.47e+7 \\       2 9.04e+7 \\       2 9.06e+7 \\       2 9.06e+7 \\   \end{array} $	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e-	21 +2 6.70e +2 8.63e +2 9.60e +2 1.01e +3 1.11e +2 9.44e +1 1.08e +2 5.00e +2 5.00e	22 +2 1.00e +2 1.03e +2 1.06e +3 1.11e +3 1.21e +2 1.08e +2 1.08e +2 5.78e +2 8.63e +2 8.63e	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.03e+ +1 1.05e+ +2 5.34e+ +2 5.35e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 2.00e+ 2 9.54e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1 -2 2.10e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.87e+2 -2 2.87e+2 -2 2.87e+2 -2 2.87e+2 -2 2.95e+2 -2 2.95e+2 -2 2.95e+2 -2 2.95e+2 -2 2.95e+2 -2 2.95e+2 -2 2.95e+2 -2 3.05e+2 -2 5.05e+2 -2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med.	$\begin{array}{c} 13\\ 3.05\mathrm{e}+1\\ 5.45\mathrm{e}+1\\ 7.36\mathrm{e}+1\\ 1.25\mathrm{e}+2\\ 4.98\mathrm{e}+2\\ 1.14\mathrm{e}+2\\ 1.07\mathrm{e}+2\\ 2.46\mathrm{e}+0\\ 3.39\mathrm{e}+0\\ 3.87\mathrm{e}+0 \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.37e+1\\ 1.38e+1 \end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\end{array}$	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2 1.14e+2 6.88e+1 1.59e+2 2.17e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2 2 1.81e+1 1 9.04e+2 2 9.05e+2 2 9.05e+2	19     2 9.16e+2     9.33e+2     9.45e+2     9.65e+2     1.03e+2     9.51e+2     9.51e+2     9.04e+2     9.04e+2     9.06e+2     9.07e+2     9.	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.05e-	21 +2 6.70e +2 8.63e +2 9.60e +3 1.11e +3 1.11e +1 1.08e +1 1.08e +1 5.00e +2 5.00e	22 +2 1.00e +2 1.03e +2 1.06e +3 1.11e +3 1.21e +2 1.08e +2 5.78e +2 8.63e +2 8.93e +2 9.01e	$\begin{array}{r} 23 \\ +3 & 8.14e+ \\ +3 & 9.26e+ \\ +3 & 1.10e+ \\ +3 & 1.13e+ \\ +3 & 1.03e+ \\ +1 & 1.05e+ \\ +1 & 1.05e+ \\ +2 & 5.34e+ \\ +2 & 5.35e+ \\ +2 & 5.48e+ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 2.00e+ 2 9.54e+ 2 9.56e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1 -1 2.75e+1 -2 2.11e+2 -2 2.95e+2 -2 3.05e+2 -2 3.11e+2 -2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.44e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1 \end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 3.26e+2\\ 4.00e+2\\ 4.16e+2\end{array}$	$\begin{array}{r} 16\\ \hline 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ \hline 3.75e+2\\ 7.97e+1\\ \hline 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\end{array}$	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 4.79e+2 1.14e+2 6.88e+1 1.59e+2 2.17e+2 4.68e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.45e+2 2 9.45e+2 2 9.45e+2 2 9.04e+2 2 9.05e+2 2 9.07e+2 2 9.07e+2	19     2 9.16e+3     2 9.33e+4     2 9.45e+4     2 9.65e+4     2 9.65e+4     2 9.51e+4     1 2.47e+1     2 9.04e+4     3	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.05e- 2 9.07e-	$\begin{array}{rrrr} & & & & \\ & & & \\ +2 & 6.70 e \\ +2 & 8.63 e \\ +2 & 9.60 e \\ +2 & 1.01 e \\ +3 & 1.11 e \\ +3 & 1.11 e \\ +2 & 9.44 e \\ +1 & 1.08 e \\ +2 & 5.00 e \end{array}$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.63e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.10e\end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+ +3 1.03e+ +1 1.05e+ +2 5.34e+ +2 5.35e+ +2 5.48e+ +2 7.02e+	24 29.58e+ 29.77e+ 39.89e+ 39.95e+ 39.95e+ 39.97e+ 25.34e+ 29.54e+ 29.54e+ 29.54e+ 29.56e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+4 -2 3.08e+4 -3 3.80e+2 -2 3.05e+4 -1 2.75e+1 -2 2.10e+2 -2 2.11e+4 -2 2.11e+4 -2 2.12e+4 -2
FES 1e3	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> max	$\begin{array}{c} 13\\ 3.05 e+1\\ 5.45 e+1\\ 7.36 e+1\\ 1.25 e+2\\ 4.98 e+2\\ 1.14 e+2\\ 1.07 e+2\\ 2.46 e+0\\ 3.39 e+0\\ 3.39 e+0\\ 3.87 e+0\\ 4.10 e+0\\ 5.62 e+0\\ \end{array}$	$\begin{array}{r} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.59e-1\\ \hline 1.34e+1\\ \hline 1.37e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.40e+1\\ \hline \end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.16e+2\\ 5.53e+2\end{array}$	$\begin{array}{r} 16\\ 2.75 e{+}2\\ 3.18 e{+}2\\ 3.57 e{+}2\\ 4.54 e{+}2\\ 6.01 e{+}2\\ 3.75 e{+}2\\ 7.97 e{+}1\\ 5.75 e{+}1\\ 7.13 e{+}1\\ 1.52 e{+}2\\ 4.00 e{+}2\\ 5.00 e{+}2\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 5.38e+2\\ 1.14e+2\\ 1.14e+2\\ 2.17e+2\\ 4.68e+2\\ 4.68e+2\\ 6.08e+2\\ 6.08e+2\\ \end{array}$	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.45e+2 2 9.45e+2 2 9.45e+2 2 9.04e+2 2 9.05e+2 9 9.07e+2 9 9.10e+2 9 9.10e	$\begin{array}{r} 19\\ \hline 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+2\\ 2 & 9.65e+2\\ \hline 2 & 1.03e+2\\ 2 & 9.51e+2\\ 1 & 2.47e+1\\ \hline 2 & 9.04e+2\\ 2 & 9.06e+2\\ 2 & 9.06e+2\\ 2 & 9.06e+2\\ 2 & 9.08e+2\\ 2 & 9.08e+2\\ \hline 2 & 9.28e+2\\ \hline 2 & 9.28e+2\\ \hline \end{array}$	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.07e-	$\begin{array}{c} 21 \\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +3 & 1.11 \\ +2 & 9.44 \\ +1 & 1.08 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 1.09 \\ \end{array}$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +3 & 9.30e\end{array}$	23 +3 8.14e+ +3 9.26e+ +3 1.10e+ +3 1.11e+ +3 1.13e+ +3 1.03e+ +1 1.05e+ +2 5.34e+ +2 5.35e+ +2 5.48e+ +2 7.02e+ +2 1.10e+	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 9.95e+ 2 5.34e+ 2 9.00e+ 2 9.54e+ 2 9.56e+ 2 9.60e+ 2 9.60e+ 3 9.60e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+4 -3 3.80e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1 -2 2.10e+2 -2 2.11e+2 -2 2.12e+2 -2 2.12e+2 -2 2.12e+2 -2 2.15e+5 -2 2.12e+2 -2 2.15e+5 -2 2.12e+2 -2 2.5e+1 -2 2.5e+1 -
FES 1e3	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> med. 19 <sup>th</sup>	$\begin{array}{c} 13\\ 3.05 e+1\\ 5.45 e+1\\ 7.36 e+1\\ 1.25 e+2\\ 4.98 e+2\\ 1.14 e+2\\ 1.07 e+2\\ 2.46 e+0\\ 3.39 e+0\\ 3.87 e+0\\ 4.10 e+0\\ 5.62 e+0\\ 5.62 e+0\\ 3.80 e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.38e+1\\ \end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.00e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 5.00e+2\\ 1.96e+2\end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+4\end{array}$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.89e+2\\ \hline 9.89e+2\\ \hline 1.81e+2\\ \hline 9.04e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.01e+2\\ \hline 9.14e+2\\ \hline 9.908e+2\\ \hline \end{array}$	$\begin{array}{r} 19\\ \hline 2 & 9.16 \text{e}+2\\ \hline 2 & 9.33 \text{e}+2\\ \hline 2 & 9.45 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 1 & 2.47 \text{e}+1\\ \hline 2 & 9.04 \text{e}+2\\ \hline 2 & 9.06 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline \end{array}$	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.07e- 2 9.01e-	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 1.08e\\ +2 & 1.08e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 9.30e\\ +3 & 9.30e\\ +2 & 9.00e \end{array}$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.11e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +1 & 1.05e+\\ +2 & 5.35e+\\ +2 & 5.35e+\\ +2 & 5.48e+\\ +2 & 1.10e+\\ +2 & 1.10e+\\ +2 & 6.92e+\\ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 5.34e+ 2 9.56e+ 2 9.56e+ 2 9.60e+ 3 9.64e+ 3 9.64e+ 2 9.64e+ 3	25 2 2.71e+4 2 2.87e+4 2 2.95e+4 2 2.95e+4 2 3.08e+4 3 3.80e+4 2 3.05e+4 2 3.05e+4 2 2.10e+4 -2 2.11e+4 -2 2.15e+4 -2 2.5e+4 -2
FES 1e3	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> med. 19 <sup>th</sup>	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 3.80e+0\\ 7.27e-1\end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.44e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.48e+1\\ 1$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 3.26e+2\\ 4.00e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\\ 3.87e+2\\ 8.48e+1\end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 7.97e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.96e+2\\ \end{array}$	17 3.10e+2 4.02e+2 4.58e+2 5.38e+2 6.83e+2 6.83e+2 6.83e+2 1.14e+2 6.88e+1 1.59e+2 2.17e+2 4.68e+2 6.08e+2 3.00e+2 1.94e+2	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2 2 1.81e+1 2 9.04e+2 2 9.07e+2 2 9.07e+2 2 9.10e+2 2 9.14e+2 2 9.08e+2	19     2 9.16e+2     9.33e+2     9.45e+2     9.45e+2     9.65e+2     1.03e+2     1.03e+2     1.03e+2     9.51e+2     9.04e+2     9.	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.11e- 2 9.06e- 0 2 28a	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +42 & 1.08e\\ +2 & 1$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.48e+\\ +2 & 5.48e+\\ +2 & 1.10e+\\ +2 & 1.10e+\\ +1 & 2.38e+\\ \end{array}$	24 2 9.58 e+ 2 9.77 e+ 3 9.89 e+ 3 9.95 e+ 3 1.24 e+ 3 9.97 e+ 2 5.34 e+ 2 9.56 e+ 2 9.56 e+ 2 9.60 e+ 3 9.64 e+ 2 9.26 e+ 2 9.26 e+ 2 9.26 e+ 3 9.26 e+ 2 9.26 e+ 3 9.26 e+ 2 9.26 e+ 3 9.26 e+ 3 9.26 e+ 3 9.26 e+ 3 9.26 e+ 3 9.56	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1 -2 2.10e+2 -2 2.11e+2 -2 2 1.11e+2 -2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ mean std mean 5td mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $30^{th}$ mean $7^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ mean $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$ $30^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 1.25e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 2.42e+0\\ 3.80e+0\\ 7.27e-1\\ 2.42e+0\\ 3.80e+0\\ 7.27e-1\\ 7.28e+0\\ 7$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.48e-1\\ 1.48e+1\\ 1$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\\ 8.48e+1\\ \end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 6.01e+2\\ 7.97e+1\\ 5.75e+2\\ 7.97e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.45e+2\\ 2.60e+2\\ 1.96e+2\\ 1$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 3.00e+2\\ 1.94e+2\\ 6.98e+2\\ 1.94e+2\\ 6.98e+2\\ 1.94e+2\\ 6.98e+2\\ 1.94e+2\\ 6.98e+2\\ 1.94e+2\\ 6.98e+2\\ 1.94e+2\\ 1$	18 9.18e+2 9.29e+2 9.48e+2 9.56e+2 9.48e+2 2.9.48e+2 2.9.48e+2 2.9.48e+2 2.9.48e+2 2.9.48e+2 2.9.48e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05e+2 2.9.05	$\begin{array}{r} 19\\ \hline 2 & 9.16 \text{e}+2\\ \hline 2 & 9.33 \text{e}+2\\ \hline 2 & 9.45 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 1.03 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 2 & 9.04 \text{e}+2\\ \hline 2 & 9.06 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline $	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.47e- 2 9.50e- 2 9.50e-	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.03e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.01e\\ +2 & 9.00e\\ +2 & 9.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +2 & 5.35e+\\ +2 & 5.35e+\\ +2 & 5.48e+\\ +2 & 5.48e+\\ +2 & 5.48e+\\ +2 & 6.92e+\\ +2 & 1.10e+\\ +2 & 6.92e+\\ +1 & 2.38e+\\ +2 & 5.48e+\\ +2 & 5.$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 1.24e+ 3 9.95e+ 2 5.34e+ 2 9.54e+ 2 9.56e+ 2 9.56e+ 3 9.64e+ 2 9.26e+ 2 9.26e+	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -3 3.80e+2 -2 3.05e+2 -2 3.05e+2 -2 2.10e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 2.11e+2 -2 3.05e+2 -2
FES 1e3 1e4	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min 19 <sup>th</sup>	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 4.98e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.39e+0\\ 3.39e+0\\ 5.62e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.59e-1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.48e-1\\ 1.27e+1\\ \end{array}$	$\begin{array}{c} 15\\ 4.93e{+}2\\ 5.66e{+}2\\ 6.93e{+}2\\ 7.37e{+}2\\ 8.51e{+}2\\ 6.69e{+}2\\ 1.15e{+}2\\ 2.08e{+}2\\ 3.26e{+}2\\ 4.00e{+}2\\ 4.00e{+}2\\ 5.53e{+}2\\ 5.53e{+}2\\ 3.87e{+}2\\ 8.48e{+}1\\ 2.00e{+}2\end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1 \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 6.08e+2\\ 3.00e+2\\ 1.94e+2\\ 6.67e+1\end{array}$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 2 & 9.48e+2\\ \hline 2 & 9.56e+2\\ \hline 2 & 9.56e+2\\ \hline 2 & 9.45e+2\\ \hline 2 & 9.04e+2\\ \hline 2 & 9.05e+2\\ \hline 2 & 9.07e+2\\ \hline 2 & 9.07e+2\\ \hline 2 & 9.07e+2\\ \hline 2 & 9.08e+2\\ \hline 2 & 9.08e+2\\ \hline 2 & 9.08e+2\\ \hline 2 & 9.03e+2\\ \hline \end{array}$	$\begin{array}{r} 19\\ \hline 2 & 9.16 \text{e}+2\\ \hline 2 & 9.33 \text{e}+2\\ \hline 2 & 9.45 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 2 & 9.04 \text{e}+2\\ \hline 2 & 9.04 \text{e}+2\\ \hline 2 & 9.06 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline 2 & 9.21 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline 2 & 9.03 \text{e}+2\\ \hline \end{array}$	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.07e- 2 9.11e- 0 2.28e- 2 9.03e-	$\begin{array}{rrrr} & & & & \\ & & & \\ +2 & 6.70 e \\ +2 & 8.63 e \\ +2 & 9.60 e \\ +2 & 1.01 e \\ +3 & 1.11 e \\ +2 & 9.44 e \\ +1 & 1.08 e \\ +2 & 5.00 e \\ +2$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 1.08e\\ +2 & 8.63e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +3 & 9.30e\\ +3 & 9.30e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 7.97e\end{array}$	$\begin{array}{r} 23\\ +3 & 8.14 \\ +3 & 9.26 \\ +3 & 1.10 \\ +3 & 1.10 \\ +3 & 1.13 \\ +3 & 1.03 \\ +1 & 1.05 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.35 \\ +2 & 5.48 \\ +2 & 1.10 \\ +2 & 6.92 \\ +1 & 2.38 \\ +1 & 2.38 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 2 5.34e+ 2 5.34e+ 2 9.56e+ 2 9.56e+ 3 9.64e+ 2 9.60e+ 3 9.64e+ 2 9.26e+ 2	$\begin{array}{r} 25\\ \hline 2 & 2.71e+2\\ -2 & 2.87e+2\\ -2 & 2.95e+2\\ -2 & 3.08e+5\\ -3 & 3.80e+2\\ -2 & 3.05e+2\\ -1 & 2.75e+1\\ -2 & 2.10e+2\\ -2 & 2.11e+2\\ -2 & 2.11e+2\\ -2 & 2.12e+2\\ -2 & 2.15e+2\\ -2 & 2.15e+2\\ -2 & 2.11e+2\\ -2 & 1.18e+4\\ -2 & 2.10e+2\\ \end{array}$
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ mean std min $7^{th}$ mean $19^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 3.87e+0\\ 4.38e+0\\ 2.69e+0\\ 2.69e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.43e+1\\ 1.44e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.48e-1\\ 1.48e-1\\ 1.27e+1\\ 1.32e+1\\ \end{array}$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\\ 3.87e+2\\ 3.87e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 7.97e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 4.79e+2\\ 1.14e+2\\ 4.68e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 6.08e+2\\ 3.00e+2\\ 1.94e+2\\ 1.94e+2\\ 1.57e+2\end{array}$	18 2 9.18e+2 2 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.89e+2 2 9.45e+2 2 9.45e+2 2 9.04e+2 2 9.07e+2 2 9.07e+2 2 9.00e+2 2 9.08e+2 2 2.76e+2 2 9.03e+2	$\begin{array}{r} 19\\ \hline 2 & 9.16 \text{ e} + 1\\ 2 & 9.33 \text{ e} + 2\\ 2 & 9.45 \text{ e} + 2\\ 2 & 9.65 \text{ e} + 2\\ 2 & 9.65 \text{ e} + 2\\ 2 & 9.51 \text{ e} + 2\\ 2 & 9.51 \text{ e} + 2\\ 2 & 9.04 \text{ e} + 2\\ 2 & 9.04 \text{ e} + 2\\ 2 & 9.08 \text{ e} + 2\\ 2 & 9.03 \text{ e} + 2\\ 2 & 9.04 \text{ e} + 2\\ \end{array}$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.07e- 2 9.06e- 0 2.28e- 2 9.03e- 2 9.03e- 2 9.04e-	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.08e\\ +2 & 5.78e\\ +2 & 5.78e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.00e\\ +2 & 9.03e\\ +2 & 9.01e\\ +2 & 9.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 2.00e+ 2 9.54e+ 2 9.56e+ 2 9.56e+ 2 9.66e+ 3 9.64e+ 2 9.26e+ 2 9.26e+ 2 1.51e+ 2 2.00e+ 2 9.38e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.8e+ 3 9.97e+ 3 9.97e+ 3 9.97e+ 2 9.97e+ 3 9.97e+ 2 9.97e+ 3 9.97e+ 2 9.97e+ 3 9.97e+ 3 9.97e+ 2 9.97e+ 3 9.97e+ 2 9.54e+ 2 9.56e+ 2 9.58e+ 2 9.58e+	25 -2 2.71e+4 -2 2.87e+4 -2 2.95e+4 -2 3.08e+4 -3 3.80e+4 -2 3.05e+4 -1 2.75e+1 -2 2.11e+4 -2 2.11e+4 -2 2.12e+4 -2 2.12e+4 -2 2.11e+4 -2 2.10e+4 -2 2.10e+4 -2 2.10e+4 -2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ mean std mean std mean std mean std	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ 2.69e+0\\ 2.69e+0\\ 2.83e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.44e+1\\ 1.44e+1\\ 1.59e-1\\ 1.34e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.48e-1\\ 1.27e+1\\ 1.32e+1\\ 1.36e+1\\ 1.36e+1\end{array}$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.00e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ \end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 6.83e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 1.94e+2\\ 1.94e+4\\ 1.57e+2\\ 2.13e+4\end{array}$	18         9.18e+2         9.29e+2         9.48e+2         9.56e+2         9.48e+4         2         9.48e+4         2         9.48e+4         2         9.48e+4         2         9.48e+4         2         9.45e+4         9.05e+4         9.05e+4         9.05e+4         9.05e+4         2         9.04e+4         9.03e+4         9.03e+4         9.03e+4         9.03e+4	$\begin{array}{c} 19\\ \hline 2 & 9.16 \text{e}+2\\ 2 & 9.33 \text{e}+2\\ 2 & 9.45 \text{e}+2\\ 2 & 9.65 \text{e}+2\\ 2 & 1.03 \text{e}+2\\ 2 & 9.03 \text{e}+2\\ 2 & 9.04 \text{e}+2\\ 2 & 9.06 \text{e}+2\\ 2 & 9.08 \text{e}+2\\ 2 & 9.08 \text{e}+2\\ 2 & 9.08 \text{e}+2\\ 2 & 9.03 \text{e}+2\\ 2 & 9.03 \text{e}+2\\ 2 & 9.03 \text{e}+2\\ 2 & 9.04 \text{e}+2\\ 2 & 9.04 \text{e}+2\\ \end{array}$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.03e- 2 9.03e- 2 9.03e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 9.01e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.13e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 6.92e+\\ +1 & 2.38e+\\ +2 & 5.34e+\\ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 1.24e+ 3 9.95e+ 2 5.34e+ 2 2.00e+ 2 9.54e+ 2 9.56e+ 2 9.56e+ 2 9.66e+ 3 9.64e+ 2 9.26e+ 2 9.42e+	$\begin{array}{c} 25\\ -2&2.71e+2\\ -2&2.87e+2\\ -2&2.95e+2\\ -2&3.08e+4\\ -3&3.80e+2\\ -2&3.08e+4\\ -2&2.05e+4\\ -2&2.01e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.10e+2\\ -2&2&2.10e+2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&$
FES 1e3  1e4	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med.	$\begin{array}{c} 13\\ 3.05 e+1\\ 5.45 e+1\\ 7.36 e+1\\ 1.25 e+2\\ 4.98 e+2\\ 1.14 e+2\\ 1.07 e+2\\ 2.46 e+0\\ 3.39 e+0\\ 3.39 e+0\\ 3.87 e+0\\ 4.10 e+0\\ 5.62 e+0\\ 3.80 e+0\\ 7.27 e-1\\ 2.43 e+0\\ 2.83 e+0\\ 2.83 e+0\\ 2.88 e+0\\ 2.88 e+0\\ 2.88 e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.59e-1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.42e+1\\ 1.32e+1\\ 1.32e+1\\ 1.32e+1\\ 1.36e+1\\ 1.37e+1\\ 1$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 4.16e+2\\ 3.26e+2\\ 4.16e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.02e+2\\ 2.22e+2\\ 2.22e+2\\ 3.87e+2\\ 3$	$\begin{array}{c} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 3.75e+2\\ 3.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 4.27e+1\\ 6.41e+1\end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.79e+2\\ 4.79e+2\\ 2.17e+2\\ 4.68e+2\\ 6.08e+2\\ 3.00e+2\\ 1.94e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 1.57e+2\\ 1$	18 2 9.18e+2 9 9.29e+2 2 9.48e+2 2 9.56e+2 2 9.45e+2 2 9.45e+2 2 9.45e+2 2 9.45e+2 2 9.05e+2 2 9.07e+2 9.00e+2 2 9.10e+2 2 9.10e+2 2 9.10e+2 2 9.10e+2 2 9.03e+2 2 9.03e+2 2 9.04e+2 2 9.04e+2	$\begin{array}{c} 19\\ \hline 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+2\\ 2 & 9.65e+2\\ \hline 2 & 1.03e+2\\ 2 & 9.51e+2\\ 1 & 2.47e+1\\ 2 & 9.04e+2\\ 2 & 9.04e+2\\ 2 & 9.08e+2\\ 2 & 9.08e+2\\ 2 & 9.08e+2\\ 2 & 9.08e+2\\ \hline 2 & 9.03e+2\\ 2 & 9.03e+2\\ 2 & 9.04e+2\\ 2 & 9.04e+2\\ \end{array}$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.06e- 0 2.28e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.40e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +2 & 6.92e+\\ +1 & 2.38e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 2 5.34e+ 2 9.56e+ 2 9.56e+ 2 9.56e+ 2 9.60e+ 2 9.60e+ 2 9.26e+ 2 9.48e+ 2	25 -2 2.71e+2 -2 2.87e+2 -2 2.95e+2 -2 3.08e+2 -3 3.80e+2 -3 3.80e+2 -2 3.05e+2 -1 2.75e+1 -2 2.10e+2 -2 2.11e+2 -2 2.12e+2 -2 2.12e+2 -2 2.11e+2 -2 2.10e+2 -2 2.20e+2 -2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ max mean std $19^{th}$ mean std $19^{th}$ mean	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 3.87e+0\\ 4.38e+0\\ 2.69e+0\\ 2.83e+0\\ 2.83e+0\\ 2.88e+0\\ 2.88e+0\\ 2.87e+0\\ 3.67e+0\\ 3$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.48e-1\\ 1.48e-1\\ 1.27e+1\\ 1.32e+1\\ 1.32e+1\\ 1.32e+1\\ 1.36e+1\\ 1.37e+1\\ 1.36e+1\\ 1.37e+1\\ 1.36e+1\\ 1$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.00e+2\\ 4.00e+2\\ 3.26e+2\\ 3.87e+2\\ 3.87e+2\\ 3.87e+2\\ 3.87e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 3$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 3.75e+2\\ 7.97e+1\\ 7.97e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+2\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 3.00e+2\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 2.13e+2\\ 4.68e+2\\ 5.5e+2\\ 5$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.45e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ $	$\begin{array}{c} 19\\ \hline 2 & 9.16 \text{e}+2\\ \hline 2 & 9.33 \text{e}+2\\ \hline 2 & 9.45 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.65 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 2 & 9.51 \text{e}+2\\ \hline 2 & 9.04 \text{e}+2\\ \hline 2 & 9.06 \text{e}+2\\ \hline 2 & 9.08 \text{e}+2\\ \hline 2 & 9.04 \text{e}+2\\ \hline \end{array}$	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.04e- 2 9.03e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e-	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.00e\\ +2 & 9.00e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 7.97e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.30e\\ +2 & 8.40e\\ +2 & 8.51e\\ \end{array}$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +2 & 5.$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.97e+ 2 5.34e+ 2 9.54e+ 2 9.54e+ 2 9.54e+ 2 9.60e+ 3 9.64e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.54e+ 2 9.54e+ 2 9.56e+ 3	$\begin{array}{c} 25\\ \hline 2 & 2.71e+2\\ -2 & 2.87e+2\\ -2 & 2.95e+2\\ -2 & 3.08e+2\\ -3 & 3.80e+2\\ -2 & 3.05e+2\\ -2 & 3.05e+2\\ -2 & 2.10e+2\\ -2 & 2.11e+2\\ -2 & 2.12e+2\\ -2 & 2.11e+2\\ -2 & 2.12e+2\\ -2 & 2.11e+2\\ -2 & 2.11e+2\\ -2 & 2.11e+2\\ -2 & 2.10e+2\\ -2 & 2.10e+2\\ -2 & 2.10e+2\\ -2 & 2.10e+2\\ -2 & 2.11e+2\\ -2 & 2.10e+2\\ -2 & 2.11e+2\\ -2 &$
FES 1e3 1e4 1e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std $19^{th}$ med. $19^{th}$ mea.	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ 3.80e+0\\ 7.27e-1\\ 2.69e+0\\ 2.69e+0\\ 2.83e+0\\ 2.98e+0\\ 3.67e+0\\ 9.98e+0\\ 3.67e+0\\ 2.98e+0\\ 3.67e+0\\ 3.80e+0\\ 2.83e+0\\ 3.80e+0\\ 2.83e+0\\ 3.80e+0\\ 3$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.44e+1\\ 1.44e+1\\ 1.59e-1\\ 1.34e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.36e+1\\ 1.37e+1\\ 1.36e+1\\ 1.37e+1\\ 1.40e+1\\ 1$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.00e+2\\ 4.00e+2\\ 3.26e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 3$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+22\\ 5.04e+1\\ 2.69e+1\\ 5.04e+1\\ 1.28e+2\\ $	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 1.94e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 9.00e+2\\ 1.94e+2\\ 1$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.48e+2\\ \hline 9.48e+2\\ \hline 9.48e+2\\ \hline 9.48e+2\\ \hline 9.48e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ \hline 2.76e+4\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.04e+2\\ $	$\begin{array}{r} 19\\ \hline 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+2\\ 2 & 9.65e+2\\ 2 & 9.03e+2\\ 2 & 9.04e+2\\ 2 & 9.04e+2\\ 2 & 9.06e+2\\ 2 & 9.06e+2\\ 2 & 9.08e+2\\ 2 & 9.04e+2\\ 2 & 9$	20 2 9.17e- 2 9.34e- 2 9.60e- 3 1.00e- 2 9.50e- 1 2.14e- 2 9.04e- 2 9.04e- 2 9.05e- 2 9.04e- 2 9.05e- 2 9.04e- 2 9.06e- 0 2.28e- 2 9.03e- 2 9.03e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.3e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +2 & 5.3$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 1.24e+ 3 9.95e+ 2 5.34e+ 2 2.00e+ 2 9.54e+ 2 9.56e+ 3 9.64e+ 2 9.66e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.38e+ 2 9.38e+ 3 9.52e+ 2 9.38e+ 3 9.52e+ 2 9.38e+ 3 9.52e+ 2 9.48e+ 3 9.56e+ 2 9.56e+ 2 9.38e+ 3 9.52e+ 2 9.38e+ 3 9.52e+ 3	$\begin{array}{c} 25\\ -2&2.71e+2\\ -2&2.87e+2\\ -2&2.95e+2\\ -2&3.08e+2\\ -3&3.80e+2\\ -2&3.08e+4\\ -2&2.01e+2\\ -2&2.11e+2\\ -2&2.11e+2\\ -2&2.12e+2\\ -2&2.12e+2\\ -2&2.12e+2\\ -2&2.12e+2\\ -2&2.12e+2\\ -2&2.10e+2\\ -2&2.10e+2\\ -2&2.10e+2\\ -2&2.10e+2\\ -2&2.11e+2\\ -2&2&2.11e+2\\ -2&2&2&2&2\\ -2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&2&2\\ -2&2&2&2&2&2&2\\ -2&2&2&2&2&2&2\\ -2&2&2&2&2&2\\ -2&2&2&2&2&$
FES 1e3 1e4 1e5	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min 7 <sup>th</sup> mean std 19 <sup>th</sup> max mean std	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ 2.69e+0\\ 2.69e+0\\ 2.83e+0\\ 2.88e+0\\ 3.67e+0\\ 2.89e+0\\ 3.67e+0\\ 2.89e+0\\ 3.67e+0\\ 2.89e+0\\ 3.67e+0\\ 3.89e+0\\ 3.67e+0\\ 3.89e+0\\ 3.67e+0\\ 3.89e+0\\ 3$	$\begin{array}{c} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.59e-1\\ \hline 1.34e+1\\ \hline 1.37e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.32e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.35e+1\\ \hline 2.17e+1\\ \hline 1.35e+1\\ \hline 1.35e+1\\ \hline 2.17e+1\\ \hline 1.35e+1\\ \hline 1.35$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 3.20e+2\\ 3$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 6.01e+2\\ 7.97e+1\\ 5.75e+2\\ 7.97e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 1.96e+2\\ 1.45e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+2\\ 5.34e+1\\ 5.34e+1\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 1.14e+2\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 6.08e+4\\ 3.00e+2\\ 1.94e+2\\ 1.94e+2\\ 2.13e+2\\ 2.13e+2\\ 2.13e+2\\ 5.95e+2\\ 2.92e+2\\ 1.92e+2\\ 1$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 2.9.56e+2\\ \hline 2.9.89e+2\\ \hline 2.9.89e+2\\ \hline 2.9.89e+2\\ \hline 2.9.45e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 2.9.05e+2\\ \hline 2.9.05e+2\\ \hline 2.9.04e+2\\ \hline 9.03e+2\\ \hline 2.9.04e+2\\ \hline 9.04e+2\\ \hline 9.$	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16 e+2\\ 2 & 9.33 e+2\\ 2 & 9.45 e+2\\ 2 & 9.65 e+2\\ 2 & 1.03 e+3\\ 2 & 9.51 e+2\\ 1 & 2.47 e+1\\ 2 & 9.04 e+2\\ 2 & 9.06 e+2\\ 2 & 9.08 e+2\\ 2 & 9.04 e+2\\ 2$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +3 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.00e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +2 & 5.$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 2 5.34e+ 2 2.00e+ 2 9.56e+ 2 9.56e+ 2 9.56e+ 2 9.66e+ 2 9.26e+ 2 9.42e+ 2 9.42e+ 2 9.42e+ 2 9.42e+ 2 9.42e+ 3 9.56e+ 2 9.12e+ 2	$\begin{array}{c} 25\\ \hline 2 & 2.71 \text{ e} \pm 2\\ -2 & 2.87 \text{ e} \pm 2\\ -2 & 2.95 \text{ e} \pm 2\\ -2 & 3.08 \text{ e} \pm 3\\ -3 & 3.80 \text{ e} \pm 2\\ -2 & 3.08 \text{ e} \pm 2\\ -2 & 3.08 \text{ e} \pm 2\\ -2 & 3.08 \text{ e} \pm 2\\ -2 & 2.10 \text{ e} \pm 2\\ -2 & 2.11 \text{ e} \pm 2\\ -2 & 2.10 \text{ e} \pm 2\\ -2 & 2.11 \text{ e} \pm $
FES 1e3 1e4 1e5	$\begin{array}{c} {\rm Prob.}\\ {\rm min}\\ 7^{th}\\ {\rm med.}\\ 19^{th}\\ {\rm max}\\ {\rm mean}\\ {\rm std}\\ 19^{th}\\ {\rm max}\\ {\rm mean}\\ {\rm std}\\ 19^{th}\\ {\rm med.}\\ 19^{th}\\ {\rm mean}\\ {\rm std}\\ {\rm mean}\\ {\rm std}\\ \end{array}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 4.98e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ 2.69e+0\\ 2.69e+0\\ 2.89e+0\\ 3.67e+0\\ 3.67e+0\\ 3.59e-1\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.59e-1\\ 1.37e+1\\ 1.37e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.40e+1\\ 1.38e+1\\ 1.32e+1\\ 1.32e+1\\ 1.32e+1\\ 1.37e+1\\ 1.37e+1\\ 1.35e+1\\ 3.17e-1\end{array}$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.16e+2\\ 5.53e+2\\ 5.53e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.25e+2\\ 4.10e+1\\ \end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+2\\ 5.34e+1\\ 2.85e+1\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 1.94e+2\\ 1.94e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 1.94e+2\\ 2.92e+2\\ 1.94e+2\\ \end{array}$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 2 9.56e+2\\ \hline 2 9.56e+2\\ \hline 2 9.56e+2\\ \hline 2 9.45e+2\\ \hline 2 9.05e+2\\ \hline 2 9.05e+2\\ \hline 2 9.05e+2\\ \hline 2 9.07e+2\\ \hline 2 9.07e+2\\ \hline 2 9.08e+2\\ \hline 2 9.03e+2\\ \hline 2 9.04e+2\\ \hline \end{array}$	$\begin{array}{c} 19\\ \hline 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+2\\ 2 & 9.65e+2\\ 2 & 9.65e+2\\ 2 & 9.65e+2\\ 2 & 9.51e+2\\ 2 & 9.04e+2\\ 2 & 9.04e+2\\ 2 & 9.08e+2\\ 2 & 9$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.07e- 2 9.07e- 2 9.10e- 0 2.28e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 2 9.04e- 1 6.09e- 1 6.09e- 1 6.09e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 8.9e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.3$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +2 & 5.34e+\\ +2 & 1.10e+\\ +2 & 5.34e+\\ +2 & 5.32e+\\ +1 & 1.55e+\\ +1 & 1.55e+\\ \end{array}$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 2 5.34e+ 2 9.56e+ 2 9.56e+ 2 9.60e+ 2 9.60e+ 2 9.60e+ 2 9.60e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.56e+ 2	$\begin{array}{c} 25\\ \hline 2 & 2.71e+2\\ -2 & 2.87e+2\\ -2 & 2.95e+2\\ -2 & 3.08e+5\\ -3 & 3.80e+2\\ -2 & 3.05e+2\\ -2 & 3.05e+2\\ -1 & 2.75e+1\\ -2 & 2.11e+2\\ -2 & 2.21e+2\\ -2 &$
FES 1e3 1e4 1e5	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 1.12e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.37e+0\\ 4.10e+0\\ 5.62e+0\\ 3.87e+0\\ 4.38e+0\\ 2.69e+0\\ 2.69e+0\\ 2.83e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ \end{array}$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.44e+1\\ 1.44e+1\\ 1.59e-1\\ 1.34e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.32e+1\\ 1$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 4.10e+2\\ 5.53e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 4.10e+1\\ 2.00e+2\\ \end{array}$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1$	$\begin{array}{r} 17\\ \hline 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 5.38e+2\\ \hline 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ \hline 4.68e+2\\ \hline 3.00e+2\\ \hline 3.00e+2\\ \hline 4.68e+2\\ \hline 5.95e+2\\ 2.13e+2\\ \hline 4.68e+2\\ \hline 5.95e+2\\ \hline 2.92e+2\\ \hline 1.94e+2\\ \hline 6.66e+1\\ \hline 6.66e+1\\ \hline \end{array}$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.04e+2\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.03e+2\\ \hline 9.04e+2\\ \hline 9.03e+2\\ $	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+4\\ 2 & 9.65e+4\\ 2 & 9.65e+4\\ 2 & 9.03e+4\\ 2 & 9.04e+4\\ 2 & 9.04e+4\\ 2 & 9.06e+4\\ 2 & 9.08e+4\\ 2 & 9.04e+4\\ 2 &$	$\begin{array}{c} 20\\ 2 & 9.17e-\\ 2 & 9.34e-\\ 2 & 9.47e-\\ 2 & 9.60e-\\ 3 & 1.00e-\\ 2 & 9.50e-\\ 1 & 2.14e-\\ 2 & 9.04e-\\ 2 & 9.0$	$\begin{array}{c} 21\\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 9.64 \\ +1 & 1.08 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.00e\\ +2 & 9.00e\\ +2 & 9.00e\\ +2 & 8.93e\\ +2 & 8.93e\\ +2 & 8.93e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.30e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.10e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +2 & 5.$	24 2 9.58 e + 2 9.77 e + 3 9.89 e + 3 9.95 e + 3 1.24 e + 3 9.97 e + 3 9.97 e + 2 5.34 e + 2 9.54 e + 2 9.54 e + 2 9.54 e + 2 9.60 e + 3 9.64 e + 2 9.26 e + 2 9.54 e + 2	$\begin{array}{c} 25\\ \hline 2 & 2.71e+2\\ \hline 2 & 2.87e+2\\ \hline 2 & 2.95e+2\\ \hline -2 & 3.08e+2\\ \hline -2 & 3.08e+2\\ \hline -2 & 3.08e+2\\ \hline -2 & 3.05e+2\\ \hline -2 & 3.05e+2\\ \hline -2 & 2.10e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.10e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.10e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.10e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.10e+2\\ \hline -2 & 2.11e+2\\ \hline -2 & 2.10e+2\\ \hline -2 &$
FES 1e3 1e4 1e5	Prob. min $7^{th}$ med $19^{th}$ mean std min $7^{th}$ med $19^{th}$ mean std max mean std min $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ min $7^{th}$	$\begin{array}{c} 13\\ 3.05 e+1\\ 5.45 e+1\\ 7.36 e+1\\ 1.25 e+2\\ 1.25 e+2\\ 1.25 e+2\\ 1.26 e+2\\ 3.39 e+0\\ 3.39 e+0\\ 3.87 e+0\\ 3.87 e+0\\ 3.87 e+0\\ 3.87 e+0\\ 2.46 e+0\\ 2.69 e+0\\ 2.69 e+0\\ 2.83 e+0\\ 2.83 e+0\\ 3.67 e+0\\ 3.59 e-1\\ 1.10 e+0\\ 2.44 e+0\\ \end{array}$	$\begin{array}{c} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.42e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.32e+1\\ \hline 1.32e+1\\ \hline 1.32e+1\\ \hline 1.35e+1\\ \hline 1.35e+1\\ \hline 1.18e+1\\ \hline 1.27e+1\\ \hline \end{array}$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 5.53e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2.20e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.45e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 3.43e+1\\ 1.28e+2\\ 5.34e+1\\ 1.53e+1\\ 2.50e+1\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 6.88e+3\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 1.94e+4\\ 3.00e+2\\ 1.94e+4\\ 4.68e+2\\ 2.92e+2\\ 1.94e+4\\ 5.95e+2\\ 2.92e+2\\ 1.94e+4\\ 6.66e+1\\ 5.95e+2\\ 2.92e+2\\ 1.94e+4\\ 6.66e+1\\ 1.57e+4\\ 1$	18           9.18e+2           9.29e+2           9.48e+2           9.56e+2           9.89e+7           2           9.48e+4           2           9.48e+4           2           9.48e+4           2           9.48e+4           2           9.48e+4           9.05e+4           9.05e+4           9.05e+4           9.05e+4           9.05e+4           9.03e+4           9.03e+4           9.03e+4           9.04e+4           9.03e+4           9.03e+4           9.03e+4           9.03e+4           9.03e+4           9.03e+4           9.03e+4	$\begin{array}{c} 19\\ \hline 2 & 9.16 \\ e+2\\ \hline 2 & 9.33 \\ e+2\\ \hline 2 & 9.45 \\ e+2\\ \hline 2 & 9.65 \\ e+2\\ \hline 2 & 9.05 \\ e+2\\ \hline 2 & 9.04 \\ e+2\\ \hline 2 & 9.06 \\ e+2\\ \hline 2 & 9.06 \\ e+2\\ \hline 2 & 9.08 \\ e+2\\ \hline 2 & 9.04 \\ e+2\\ \hline$	$\begin{array}{c} 20\\ 2 & 9.17e \\ 2 & 9.34e \\ 2 & 9.47e \\ 2 & 9.60e \\ 3 & 1.00e \\ 2 & 9.50e \\ 1 & 2.14e \\ 2 & 9.04e \\ 2 & 9.03e \\ 2 & 9.04e \\ 2 & 9.03e \\ 2 & 9.03e \\ 2 & 9.03e \\ \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.03e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.3e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +1 & 1.55e+\\ +1 & 1.55e+\\ +1 & 1.55e+\\ +2 & 5.34e+\\ +2 & 5.84e+\\ +2 & 5.8$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 9.95e+ 3 9.95e+ 2 5.34e+ 2 9.54e+ 2 9.54e+ 2 9.56e+ 2 9.56e+ 2 9.26e+ 2 9.200e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.200e+ 2 9.26e+ 2 9.200e+ 2 9.200e+ 2 9.26e+ 2 9.200e+ 2 9.26e+ 2 9.200e+ 2 9.26e+ 2 9.26e+ 2 9.200e+ 2 9.26e+ 2 9.36e+ 2 9.5	$\begin{array}{c} 25\\ \hline 2 & 2.71 \text{ e} \pm 2\\ -2 & 2.87 \text{ e} \pm 2\\ -2 & 2.87 \text{ e} \pm 2\\ -2 & 2.95 \text{ e} \pm 3\\ -2 & 3.08 \text{ e} \pm 2\\ -2 & 2.10 \text{ e} \pm 2\\ -2 & 2.11 \text{ e} \pm 2\\ -2 & 2.10 \text{ e} \pm $
FES 1e3 1e4 1e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $7^{th}$ mean $7^{th}$ med. $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ $7^{th}$ mean $7^{th}$ $7^{th}$ mean $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$	$\begin{array}{c} 13\\ 3.05 e+1\\ 5.45 e+1\\ 7.36 e+1\\ 1.25 e+2\\ 4.98 e+2\\ 1.07 e+2\\ 2.46 e+0\\ 3.39 e+0\\ 3.39 e+0\\ 3.87 e+0\\ 3.80 e+0\\ 7.27 e-1\\ 2.43 e+0\\ 2.63 e+0\\ 2.83 e+0\\ 3.80 e+0\\ 2.83 e+0\\ 3.89 e+0\\ 3.59 e-1\\ 1.10 e+0\\ 2.61 e+0\\ 2.61 e+0\\ 2.61 e+0\\ 2.61 e+0\\ \end{array}$	$\begin{array}{c} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.59e-1\\ \hline 1.34e+1\\ \hline 1.37e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.40e+1\\ \hline 1.32e+1\\ \hline 1.36e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.40e+1\\ \hline 1.35e+1\\ \hline 3.17e-1\\ \hline 1.18e+1\\ \hline 1.27e+1\\ \hline 1.27e+1\\ \hline 1.27e+1\\ \hline 1.29e+1\\ \hline \end{array}$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 4.16e+2\\ 3.26e+2\\ 4.16e+2\\ 2.00e+2\\ 2.387e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ $	$\begin{array}{c} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 3.75e+2\\ 3.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 3.43e+1\\ 4.27e+1\\ 2.85e+1\\ 1.285e+1\\ 1.53e+1\\ 2.50e+1\\ 3.04e+1\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.79e+2\\ 4.79e+2\\ 2.17e+2\\ 4.68e+2\\ 5.38e+2\\ 3.00e+2\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 5.08e+2\\ 1.94e+2\\ 2.13e+2\\ 4.68e+2\\ 2.92e+2\\ 1.94e+2\\ 1$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ $	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+2\\ 2 & 9.65e+2\\ 2 & 9.65e+2\\ 2 & 9.51e+2\\ 2 & 9.51e+2\\ 2 & 9.51e+2\\ 2 & 9.04e+2\\ 2 & 9.04e+2\\ 2 & 9.03e+2\\ 2 & 9.03e+2\\ 2 & 9.04e+2\\ 2 &$	20 2 9.17e- 2 9.34e- 2 9.46e- 3 1.00e- 2 9.06e- 3 1.00e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +3 & 9.30e\\ +2 & 9.10e\\ +3 & 9.30e\\ +2 & 9.10e\\ +3 & 9.30e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.31e\\ +2 & 8.30e\\ +2 & 8.31e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +1 & 1.55e+\\ +2 & 5.34e+\\ +1 & 1.55e+\\ +2 & 5.34e+\\ +2 & 5.84e+\\ +2 & 5.$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 1.24e+ 3 1.24e+ 2 5.34e+ 2 2.00e+ 2 9.56e+ 2 9.56e+ 2 9.60e+ 2 9.60e+ 2 9.60e+ 2 9.26e+ 2 9.38e+ 2	$\begin{array}{c} 25\\ \hline 2 & 2.71 \text{e} \pm 2\\ -2 & 2.87 \text{e} \pm 2\\ -2 & 2.87 \text{e} \pm 2\\ -2 & 2.95 \text{e} \pm 2\\ -2 & 3.08 \text{e} \pm 2\\ -2 & 3.08 \text{e} \pm 2\\ -2 & 3.05 \text{e} \pm 2\\ -2 & 3.05 \text{e} \pm 2\\ -2 & 3.05 \text{e} \pm 2\\ -2 & 2.10 \text{e} \pm 2\\ -2 & 2.11 \text{e} \pm 2\\ -2 & 2.12 \text{e} \pm 2\\ -2 & 2.10 \text{e} \pm 2\\ -2 & 2.11 \text{e} \pm 2\\ -2 & 2.10 \text{e}$
FES 1e3 1e4 1e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std mean std mean std mean std std mean std std mean std std std std std std std std	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 1.07e+2\\ 1.07e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.39e+0\\ 3.37e+0\\ 4.10e+0\\ 5.62e+0\\ 3.87e+0\\ 2.69e+0\\ 2.69e+0\\ 2.83e+0\\ 2.83e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.44e+0\\ 2.61e+0\\ 2$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.44e+1\\ 1.44e+1\\ 1.59e-1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.32e+1\\ 1.32e+1\\ 1.32e+1\\ 1.35e+1\\ 3.17e-1\\ 1.18e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.27e+1\\ 1.21e+1\\ 1$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 7.37e+2\\ 8.51e+2\\ 6.69e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.87e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 4.10e+1\\ 2.00e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2$	$\begin{array}{c} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.88e+1\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 3.00e+2\\ 3.00e+2\\ 4.68e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 1.94e+2\\ 6.66e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 4.68e+2\\ 5.95e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 5$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ $	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+4\\ 2 & 9.65e+4\\ 2 & 9.65e+4\\ 2 & 9.03e+4\\ 2 & 9.03e+4\\ 2 & 9.04e+4\\ 2 & 9.06e+4\\ 2 & 9.08e+4\\ 2 & 9.04e+4\\ 2 &$	$\begin{array}{c} 20\\ 2 & 9.17e-\\ 2 & 9.34e-\\ 2 & 9.47e-\\ 2 & 9.60e-\\ 3 & 1.00e-\\ 2 & 9.50e-\\ 1 & 2.14e-\\ 2 & 9.04e-\\ 2 & 9.04e-\\ 2 & 9.04e-\\ 2 & 9.07e-\\ 2 & 9.07e-\\ 2 & 9.07e-\\ 2 & 9.04e-\\ 2 & 9.0$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.03e\\ +2 & 8.03e\\ +2 & 9.01e\\ +2 & 8.03e\\ +2 & 8.03e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.14e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.14e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.14e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14 \\ +3 & 9.26 \\ +3 & 1.10 \\ +3 & 1.10 \\ +3 & 1.13 \\ +3 & 1.03 \\ +1 & 1.03 \\ +1 & 1.05 \\ +1 & 1.05 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 \\ +1 & 1.55 \\ +2 & 5.34 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2.43e+0\\ 2.69e+0\\ 2.83e+0\\ 2.98e+0\\ 3.67e+0\\ 2.83e+0\\ 2.98e+0\\ 3.59e-1\\ 1.10e+0\\ 2.44e+0\\ 2.61e+0\\ $	$\begin{array}{c} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.44e+1\\ \hline 1.42e+1\\ \hline 1.38e+1\\ \hline 1.32e+1\\ \hline 1.32e+1\\ \hline 1.32e+1\\ \hline 1.35e+1\\ \hline 1.37e+1\\ \hline 1.18e+1\\ \hline 1.27e+1\\ \hline 1.29e+1\\ \hline 1.29e+1\\ \hline 1.31e+1\\ \hline 1.27e+1\\ \hline 1.29e+1\\ \hline 1.31e+1\\ \hline 1.29e+1\\ \hline 1.29$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.00e+2\\ 4.00e+2\\ 3.26e+2\\ 4.00e+2\\ 2.387e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 3.20e+2\\ 2.22e+2\\ 4.10e+1\\ 2.00e+2\\ 2.00e+2\\ 2.20e+2\\ 2.00e+2\\ $	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.45e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+2\\ 5.34e+1\\ 1.53e+1\\ 2.85e+1\\ 1.53e+1\\ 2.50e+1\\ 3.04e+1\\ 3$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 6.83e+2\\ 1.14e+2\\ 6.83e+2\\ 1.14e+2\\ 6.88e+3\\ 1.59e+2\\ 2.17e+2\\ 4.68e+2\\ 1.94e+2\\ 3.00e+2\\ 1.94e+4\\ 4.68e+2\\ 5.95e+2\\ 2.92e+2\\ 1.94e+2\\ 6.66e+1\\ 1.57e+4\\ 2.13e+2\\ 4.68e+4\\ 2.13e+2\\ 4.68e+4\\ 2.13e+2\\ 2.92e+2\\ 1.94e+2\\ 6.66e+3\\ 1.94e+2\\ 2.92e+2\\ 1.94e+2\\ 6.66e+3\\ 1.94e+4\\ 2.92e+2\\ 1.94e+2\\ 1$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.56e+2\\ \hline 9.48e+2\\ \hline 2 9.48e+2\\ \hline 2 9.48e+2\\ \hline 2 9.45e+2\\ \hline 2 9.45e+2\\ \hline 2 9.05e+2\\ \hline 2 9.03e+2\\ \hline 2 9.03e+2\\ \hline 2 9.04e+2\\ \hline 2 $	$\begin{array}{c} 19\\ \hline 2 & 9.16 \\ e+2\\ \hline 2 & 9.33 \\ e+2\\ \hline 2 & 9.45 \\ e+2\\ \hline 2 & 9.65 \\ e+2\\ \hline 2 & 9.05 \\ e+2\\ \hline 2 & 9.04 \\ e+2\\ \hline 2 & 9.06 \\ e+2\\ \hline 2 & 9.08 \\ e+2\\ \hline 2 & 9.04 \\ e+2\\ \hline$	$\begin{array}{c} 20\\ 2 & 9.17e \\ 2 & 9.34e \\ 2 & 9.47e \\ 2 & 9.60e \\ 3 & 1.00e \\ 2 & 9.50e \\ 1 & 2.14e \\ 2 & 9.04e \\ 2 & 9.03e \\ 2 & 9.03e \\ 2 & 9.04e \\ 2 & 9.0$	$\begin{array}{c} 21\\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 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5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.03e\\ +2 & 8.03e\\ +2 & 9.01e\\ +2 & 8.03e\\ +2 & 8.01e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.31e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.3e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +1 & 1.55e+\\ +2 & 5.34e+\\ +1 & 1.55e+\\ +2 & 5.34e+\\ +2 & 5.3$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 9.95e+ 3 1.24e+ 3 9.95e+ 2 5.34e+ 2 9.54e+ 2 9.54e+ 2 9.56e+ 2 9.56e+ 2 9.26e+ 2 9.42e+ 2 9.45e+ 2	$\begin{array}{c} 25\\ \hline 2 & 2.71e+2\\ -2 & 2.87e+2\\ -2 & 2.95e+2\\ -2 & 3.08e+4\\ -3 & 3.80e+2\\ -2 & 3.08e+4\\ -2 & 3.08e+4\\ -2 & 3.08e+4\\ -2 & 2.10e+2\\ -2 & 2.10e+2\\ -2 & 2.11e+2\\ -2 & 2.11e+2\\ -2 & 2.10e+2\\ -2 &$
FES 1e3 1e4 1e5 3e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean std max mean std 19^{th}	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.87e+0\\ 3.87e+0\\ 3.87e+0\\ 3.80e+0\\ 7.27e-1\\ 2.43e+0\\ 2.69e+0\\ 2.83e+0\\ 3.67e+0\\ 2.89e+0\\ 3.67e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.44e+0\\ 2.61e+0\\ 2.61e+0\\ 2.61e+0\\ 3.20e+0\\ 3$	$\begin{array}{c} 14\\ \hline 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ \hline 1.42e+1\\ \hline 1.59e-1\\ \hline 1.34e+1\\ \hline 1.37e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.38e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.37e+1\\ \hline 1.29e+1\\ \hline 1.29e+1\\ \hline 1.37e+1\\ \hline 1.37e+$	$\begin{array}{r} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 8.51e+2\\ 8.51e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 4.16e+2\\ 4.16e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2$	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 6.01e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 1.96e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 1.28e+2\\ 5.34e+1\\ 2.85e+1\\ 1.53e+1\\ 2.50e+1\\ 3.04e+1\\ 3.04e+1\\ 3.04e+1\\ 1.08e+2\\ \end{array}$	$\begin{array}{r} 17\\ 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 4.58e+2\\ 4.79e+2\\ 1.79e+2\\ 2.17e+2\\ 4.68e+2\\ 6.08e+2\\ 3.00e+2\\ 1.94e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 5.95e+2\\ 2.92e+2\\ 1.94e+2\\ 6.66e+1\\ 1.57e+2\\ 2.92e+2\\ 1.94e+2\\ 4.68e+2\\ 5.95e+2\\ 5$	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.56e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ \hline 9.04e+2\\ $	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16 \text{e} \pm 2\\ \hline \\ 2 & 9.33 \text{e} \pm 2\\ \hline \\ 2 & 9.45 \text{e} \pm 5\\ \hline \\ 2 & 9.65 \text{e} \pm 5\\ \hline \\ 2 & 9.04 \text{e} \pm 5\\ \hline \\ 2 & 9.06 \text{e} \pm 5\\ \hline \\ 2 & 9.08 \text{e} \pm 5\\ \hline \\ 2 & 9.04 \text{e} \pm 5\\ \hline \\ 2 & 9.0$	20 2 9.17e- 2 9.34e- 2 9.47e- 2 9.60e- 3 1.00e- 2 9.07e- 2 9.04e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.07e- 2 9.04e- 2	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 8.93e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 8.14e\\ +2 & 8.30e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.3e+\\ +3 & 1.03e+\\ +1 & 1.03e+\\ +2 & 5.34e+\\ +2 & 5.5$	24 2 9.58e+ 2 9.77e+ 3 9.89e+ 3 1.24e+ 3 1.24e+ 2 5.34e+ 2 2.00e+ 2 9.56e+ 2 9.56e+ 2 9.60e+ 2 9.60e+ 2 9.60e+ 2 9.26e+ 2 9.26e+ 2 9.26e+ 2 9.38e+ 3 9.56e+ 2 9.38e+ 2 9.42e+ 2 9.38e+ 2 9.38e+ 2 9.38e+ 2 9.38e+ 2 9.38e+ 2 9.38e+ 2 9.38e+ 2 9.56e+ 2 9.39e+ 2 9.39e+ 2 9.56e+ 2 9.39e+ 2 9.56e+ 2	$\begin{array}{c} 25\\ \hline 2 & 2.71e+1\\ -2 & 2.87e+1\\ -2 & 2.95e+1\\ -2 & 2.95e+1\\ -2 & 3.08e+1\\ -3 & 3.80e+1\\ -2 & 3.08e+1\\ -2 & 3.08e+1\\ -2 & 3.08e+1\\ -2 & 3.08e+1\\ -2 & 2.10e+1\\ -2 & 2.11e+1\\ -2 & 2.12e+1\\ -2 & 2.11e+1\\ -2 & 2.10e+1\\ -2 &$
FES 1e3 1e4 1e5 3e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ mean $7^{th}$ med. $19^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ mean $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$	$\begin{array}{c} 13\\ 3.05e+1\\ 5.45e+1\\ 7.36e+1\\ 1.25e+2\\ 4.98e+2\\ 1.14e+2\\ 1.07e+2\\ 2.46e+0\\ 3.39e+0\\ 3.39e+0\\ 3.39e+0\\ 3.87e+0\\ 4.10e+0\\ 5.62e+0\\ 2.83e+0\\ 2.69e+0\\ 2.83e+0\\ 2.83e+0\\ 2.83e+0\\ 2.83e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.89e+0\\ 3.59e-1\\ 1.10e+0\\ 2.44e+0\\ 2.61e+0\\ 2$	$\begin{array}{c} 14\\ 1.37e+1\\ 1.42e+1\\ 1.42e+1\\ 1.42e+1\\ 1.44e+1\\ 1.44e+1\\ 1.42e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.38e+1\\ 1.32e+1\\ 1.32e+1\\ 1.37e+1\\ 1.37e+1\\ 1.27e+1\\ 1.27e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.37e+1\\ 1.29e+1\\ 1.29e+1\\ \end{array}$	$\begin{array}{c} 15\\ 4.93e+2\\ 5.66e+2\\ 6.93e+2\\ 7.37e+2\\ 7.37e+2\\ 2.08e+2\\ 1.15e+2\\ 2.08e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 3.26e+2\\ 2.387e+2\\ 8.48e+1\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 3.20e+2\\ 2.25e+2\\ 4.10e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 3.00e+2\\ 2.00e+2\\ 3.00e+2\\ 2.00e+2\\ 2.08e+2\\ $	$\begin{array}{r} 16\\ 2.75e+2\\ 3.18e+2\\ 3.57e+2\\ 4.54e+2\\ 3.57e+2\\ 4.54e+2\\ 3.75e+2\\ 7.97e+1\\ 5.75e+1\\ 7.13e+1\\ 1.52e+2\\ 4.00e+2\\ 5.00e+2\\ 1.96e+2\\ 1.96e+2\\ 1.96e+2\\ 1.45e+2\\ 1.45e+2\\ 2.69e+1\\ 3.43e+1\\ 4.27e+1\\ 6.41e+1\\ 1.28e+2\\ 5.34e+1\\ 2.50e+1\\ 3.49e+1\\ 3.49e+1\\ 3.49e+1\\ 1.08e+2\\ 3.50e+1\\ \end{array}$	$\begin{array}{r} 17\\ \hline 3.10e+2\\ 4.02e+2\\ 4.58e+2\\ 5.38e+2\\ 5.38e+2\\ 4.79e+2\\ 1.14e+2\\ 6.83e+1\\ 1.59e+2\\ 2.17e+2\\ 2.17e+2\\ 3.00e+2\\ \hline 3.00e+2\\ 1.94e+2\\ 6.67e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 2.92e+2\\ \hline 6.66e+1\\ 1.57e+2\\ 2.13e+2\\ 4.68e+2\\ 5.95e+2\\ 2.91e+2\\ \hline 2.91e+2\\ $	$\begin{array}{c} 18\\ \hline 9.18e+2\\ \hline 9.29e+2\\ \hline 9.48e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.05e+2\\ \hline 9.03e+2\\ \hline 9.04e+2\\ $	$\begin{array}{c} 19\\ \hline \\ 2 & 9.16e+2\\ 2 & 9.33e+2\\ 2 & 9.45e+4\\ 2 & 9.65e+4\\ 2 & 9.65e+4\\ 2 & 9.03e+4\\ 2 & 9.03e+4\\ 2 & 9.04e+4\\ 2 & 9.06e+4\\ 2 & 9.08e+4\\ 2 & 9.04e+4\\ \end{array}$	$\begin{array}{c} 20\\ 2 & 9.17e-\\ 2 & 9.34e-\\ 2 & 9.47e-\\ 2 & 9.60e-\\ 3 & 1.00e-\\ 2 & 9.50e-\\ 1 & 2.14e-\\ 2 & 9.04e-\\ 2 & 9.0$	$\begin{array}{c} 21\\ +2 & 6.70 \\ +2 & 8.63 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 9.60 \\ +2 & 1.01 \\ +2 & 9.60 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.00 \\ +2 & 5.$	$\begin{array}{c} 22\\ +2 & 1.00e\\ +2 & 1.03e\\ +2 & 1.06e\\ +3 & 1.11e\\ +3 & 1.21e\\ +4 & 1.21e\\ +2 & 1.08e\\ +2 & 5.78e\\ +2 & 8.63e\\ +2 & 8.93e\\ +2 & 9.01e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.10e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 9.00e\\ +2 & 1.57e\\ +2 & 8.30e\\ +2 & 8.30e\\ +2 & 8.30e\\ +2 & 8.42e\\ +2 & 8.30e\\ +2 & 8.51e\\ +2 & 8.42e\\ +2 & 8.30e\\ +2 & 8.51e\\ +2 & 8.$	$\begin{array}{r} 23\\ +3 & 8.14e+\\ +3 & 9.26e+\\ +3 & 1.10e+\\ +3 & 1.13e+\\ +3 & 1.13e+\\ +3 & 1.03e+\\ +1 & 1.05e+\\ +2 & 5.34e+\\ +2 & 5.35e+\\ +2 & 5.34e+\\ +2 & 5.$	24 2 9.58 e + 2 9.77 e + 3 9.89 e + 3 9.95 e + 3 1.24 e + 3 9.97 e + 3 9.97 e + 3 9.97 e + 2 9.34 e + 2 9.54 e + 2 9.56 e + 2 9.56 e + 2 9.60 e + 2 9.60 e + 2 9.60 e + 2 9.60 e + 2 9.26 e + 2 9.26 e + 2 9.56 e + 2 9.38 e + 2 9.38 e + 2 9.38 e + 2 9.48 e + 2 9.38 e + 2 9.38 e + 2 9.48 e + 2 9.48 e + 2 9.48 e + 2 9.48 e + 2 9.56 e + 2 9.48 e + 2 9.56 e + 2 9.10 e + 2 9.39 e + 2 9.30 e + 2 9.50 e + 2	$\begin{array}{c} 25\\ \hline 2 & 2.71e+1\\ -2 & 2.87e+1\\ -2 & 2.95e+1\\ -2 & 3.08e+1\\ -2 & 3.08e+1\\ -2 & 3.08e+1\\ -2 & 3.05e+1\\ -2 & 2.10e+1\\ -2 & 2.11e+1\\ -2 &$

Table 6: Best objective function error values reached in dimension n = 30, see caption of Table 5 for details

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<sup>1775</sup> 

	m	n   5.76e	+3 7.22	e+5 1.90	0e+9 2.7	8e+6 2	.24e+4 4.	63e+8 4.9	95e+2 2.	12e+1 4.	61e+2 5	.21e+2 7	.46e+1 6	6.55e+6
	$ 7^t$	<sup>h</sup>   9.19e	+3 8.48	e+5 2.8	3e+9 3.2	9e+6 2	.56e+4 1.	03e+9 6.3	25e+2 2.	13e+1 5.1	26e+2 5	.73e+2 7	.97e+1 7	7.76e+6
	m	ed.   1.13e	+4 9.50	e+5 3.5	9e+9 4.1	0e+6 2	.71e+4 1.	47e+9 7.	15e+2 2.	13e+1 5.3	38e+2 5	.93e+2 8	.06e+1 8	3.07e+6
10	e3 19	<sup>th</sup> 1.27e	+4 1.05	e+-6 4.7	2e+9 4.5	4e+6 3	.01e+4 2.	22e+9 8.	12e+2 2.	14e+1 5.	59e + 2 = 6	.26e+2 8	.20e+1 8	3.49e+6
	m	ax   1.88e	+4 1.53	e+6 6.3	6e+9 7.3	3e+6 3	.51e+4 3.	61e+9 1.3	26e+3 2.	14e + 1 5.9	99e+2 6	.82e+2 8	.33e+1 8	3.99e+6
	m	an 1.12e	+4 9.90	e+5 3.8	0e+9 4.1	6e+6 2	.77e+4 1.	71e+9 7.	38e+2 2.	13e+1 5.	41e + 2 = 5	.94e + 2 8	.04e+1 8	3.04e+6
	sto	1 2.96e	+3 2.11	e+5 1.3	4e+9 1.0	9e+6 3	.41e+3 9.	04e + 8 1.	70e+2 4.	40e-2 3.	06e + 1 3	.87e+1 2	.22e+0 6	6.10e+5
	mi	n 4.51e	-9 8.26	e+3 3.5	6e + 7 + 4.0	4e+5 4	13e+3 4.	34e+1 6.4	47e-5 2.	12e+1 6.	96e + 1 6	47e+1 2	.57e+1 9	0.49e + 3
	$7^t$	h 5 35e	-9 1 13	e+4 52	70+7 94	1e+5 5	41e+3 4	$60e \pm 1 1$	236-4 2	12e + 1 = 8	95e+1 8	$76e \pm 1 2$	90e+1 2	16e+4
	m	ed 5.63e	_0 130	e + 1 = 6.2	4 - 17 13		$570 \pm 3$ 4	$330 \pm 2$ 21	07e - 4 2	$13e \pm 1$ 0	75e+1 1	00e+2 3	$08e \pm 1$ 5	$130 \pm 4$
1.	110	th = 680	0 2 10	0.14 9.7	107 1.0	4016 7	460 13 6	30012 2.	07c + 2	130   1   3.	16012 1	10012 3	46011 6	322016
10	24 12	7 080	-9 2.10	-14 0.1	7 - 19 0.9	5016 0	.40e+3 0.	170 4 1	01e - 4 2.	13e+1 1.	100 + 2 1	$\frac{196+2}{920+2}$	000 + 1	7.52e+0
	- ma	ax 1.20e	-9 0.780	e+4 = 2.1	7 + 6 + 2.6	5016 6	$\frac{510+3}{510+2}$ 6	520 12 81	$\frac{00e-2}{06a}$ 2.	13e+1 1.	$\frac{010+2}{010+2}$	$\frac{.620+2}{050+2}$	$\frac{100 + 1}{100 + 1}$	25016
	In		-9 1.010	e + 4  1.0	7e+7 1.3	0 0 1 5 1	$\frac{19}{12}$	32e+3 0.3	90e-4 2.	15e+1 1.	04e + 2 1	.03e + 2 3	10010 3	2.230+0
	su	1 0.59e-	-10 1.130	$e + 4 + 4 \cdot 2 \cdot 4 \cdot 4$	$\frac{3e+7}{2}$ 3.0	20+0 1	400+3 1.	17.10.2	41e - 3 4.	13e - 2 - 2	20e+1 2	$\frac{.760+1}{10+11}$	10e+0 3	5.29e+0
	m	n 4.51e	-9 6.35	e-9 5.1	2e-2 4.6	4e+4 5	.52e+2 3.	17e+0 3.	59e-9 2.	00e+1 1.	01e+1 1	.12e+1 1	.52e+1 9	9.67e+0
	7	" 5.35e	-9 7.44	e-9 1.0	0e+1 3.7	7e+5 7	.49e+2 6.	86e+0 6.	94e-9 2.	11e+1 1.	73e+1 2	.19e+1 1	.77e+1 1	.49e+3
	m	ed. 5.63e	-9 8.01	e-9 3.10	0e+1 6.0	2e+5 1	.10e+3 9.	29e+0 7.4	41e-9 2.	12e+1 2.	15e+1 2	.69e+1 2	.17e+1 2	2.55e+3
10	e5 19	$0^{tn}$ 6.68e	-9 8.17	e-9 6.1	5e+1 8.6	3e+5 1	.52e+3 1.	63e+1 7.	78e—9 2.	12e+1 2.	39e+1 3	.18e+1 2	.47e+1 8	3.57e+3
	m	ax 7.28e	-9 9.02	e-9 2.7	6e+2 1.4	6e+6 2	.72e+3 4.	72e+2 8.	65e-9 2.	13e+1 4.	28e+1 3	.58e+1 2	.69e+1 6	3.41e+6
	m	ean 5.87e	-9 7.86	e9 4.8	4e+1 6.1	6e+5 1	.21e+3 3.	74e+1 7.	22e-9 2.	11e+1 2.	19e+1 2	.61e+1 2	.12e+1 4	1.84e+5
	sto	1 8.59e-	–10 7.24e	-10 6.2	5e+1 3.6	ile+5 5	.68e+2 9.	92e+1 1.	03e-9 3.	30e - 1  7.	60e+0 6	.42e+0 3	.83e+0 1	.66e+6
	m	in 4.51e	-9 6.35	e-9 5.0	2e-9 3.4	8e+4 1	.09e-5 4.	28e-9 3.	59e-9 2.	00e+1 3.0	08e - 101	.72e-8 5	.85e+0 9	0.67e+0
	$ 7^t$	<sup>h</sup> 5.35e	-9 7.44	e-9 5.6	5e-9 2.5	7e+5 3	.80e3 6.	41e-9 6.	94e-9 2.	00e+1 6.	51e-6 9	.95e-1 8	.93e+0 5	5.36e + 2
	m	ed. 5.63e	-9 8.01	e-9 6.1	9e-9 4.2	7e+5 5	.70e-1 7.	28e-9 7.	41e-9 2.	00e+1 9.	95e-1 9	.97e-1 1	.21e+1 2	2.36e+3
5	e5 19	) <sup>th</sup> 6.68e	-9 8.17	e-9 6.5	3e-9 6.4	3e+5 3	.61e+0 7.	76e-9 7.	78e-9 2.	00e+1 1.	99e+0 1	.99e+0 1	.40e+1 8	3.38e+3
	m	ax 7.28e	-9 9.02	e-9 8.0	6e-9 1.2	4e+6 1	.35e+1 9.	27e-9 8.	65e-9 2.	11e+1 2.	99e+0 5	.97e+0 1	.68e+1 5	5.57e+6
	m	ean 5.87e	-9 7.86	e-9 6.1	4e-9 4.6	8e+5 2	.85e+0 7.	13e-9 7.	22e-9 2.	01e+1 1.	39e+0 1	.72e+0 1	.17e+1 2	2.27e + 5
	sto	1 8.59e-	$-10$ 7.24 $\epsilon$	-10 6.86	6e-10 3.1	1e+5 4	.32e+0 1.	11e-9 1.	03e-9 3.	25e-1 1.	11e+0 1	.42e+0 3	.14e+0 1	.11e+6
FES	Prob.	13	14	15	16	17	18	19	20	21	22	23	24	25
FES	Prob. min	13 5.38e+3	14 2.37e+1	15 5.73e+2	16 3.73e+2	17 4.49e+	18 2 1.01e+3	19 3 1.00e+3	20 9.69e+2	21 1.04e+3	22 1.09e+3	$\frac{23}{1.04\mathrm{e}+3}$	24 1.03e+3	25 5.19e+2
FES	Prob. min 7 <sup>th</sup>	13 5.38e+3 4.10e+4	14 2.37e+1 2.39e+1	15 5.73e+2 8.39e+2	16 3.73e+2 4.33e+2	17 4.49e+ 5.06e+	18     2 1.01e+3     2 1.04e+3	19 3 1.00e+3 3 1.03e+3	20 9.69e+2 1.01e+3	21 1.04e+3 1.05e+3	22 1.09e+3 1.15e+3	23 1.04e+3 1.05e+3	24 1.03e+3 1.06e+3	25 5.19e+2 6.42e+2
FES	Prob. min 7 <sup>th</sup> med.	13 5.38e+3 4.10e+4 7.53e+4	$     \begin{array}{r} 14 \\     \hline       2.37e+1 \\       2.39e+1 \\       2.41e+1     \end{array} $	15 5.73e+2 8.39e+2 8.54e+2	16 3.73e+2 4.33e+2 4.78e+2	17 4.49e+ 5.06e+ 5.73e+	18     2 1.01e+3     2 1.04e+3     2 1.06e+3     2 1.06e+3	19 3 1.00e+3 3 1.03e+3 3 1.08e+3	20 9.69e+2 1.01e+3 1.04e+3	21 1.04e+3 1.05e+3 1.05e+3	22 1.09e+3 1.15e+3 1.18e+3	23 1.04e+3 1.05e+3 1.06e+3	24 1.03e+3 1.06e+3 1.09e+3	25 5.19e+2 6.42e+2 6.73e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5	14     2.37e+1     2.39e+1     2.41e+1     2.42e+1	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2	16 3.73e+2 4.33e+2 4.78e+2 5.22e+2	17 4.49e+ 5.06e+ 5.73e+ 6.27e+	18     2 1.01e+3     2 1.04e+3     2 1.06e+3     2 1.08e+3     2 1.08e+3	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.07e+3	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3	22 1.09e+3 1.15e+3 1.18e+3 1.23e+3	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5	$14 \\ 2.37e+1 \\ 2.39e+1 \\ 2.41e+1 \\ 2.42e+1 \\ 2.43e+1 \\ $	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2	$     \begin{array}{r}       16 \\       3.73e+2 \\       4.33e+2 \\       4.78e+2 \\       5.22e+2 \\       6.52e+2     \end{array} $	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+	18 2 1.01e+3 2 1.04e+3 2 1.06e+3 2 1.08e+3 2 1.15e+3	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.07e+3 1.14e+3	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3 1.07e+3	22 1.09e+3 1.15e+3 1.18e+3 1.23e+3 1.48e+3	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.08e+3	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.29e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3
FES 1e3	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5 9.25e+4	$14 \\ 2.37e+1 \\ 2.39e+1 \\ 2.41e+1 \\ 2.42e+1 \\ 2.43e+1 \\ 2.41e+1 \\ \end{array}$	$15 \\ 5.73e+2 \\ 8.39e+2 \\ 8.54e+2 \\ 9.23e+2 \\ 9.49e+2 \\ 8.49e+2 \\ \end{array}$	$     \begin{array}{r}       16 \\       3.73e+2 \\       4.33e+2 \\       4.78e+2 \\       5.22e+2 \\       6.52e+2 \\       4.81e+2     \end{array} $	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+	$   \begin{array}{r} 18 \\ \hline 2 & 1.01e+3 \\ 2 & 1.04e+3 \\ 2 & 1.06e+3 \\ 2 & 1.08e+3 \\ 2 & 1.15e+3 \\ 2 & 1.15e+3 \\ 2 & 1.07e+3 \\ \end{array} $	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.08e+3	20 9.69e+2 1.01e+3 1.04e+3 1.07e+3 1.14e+3 1.14e+3 1.04e+3	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3 1.07e+3 1.05e+3	22 1.09e+3 1.15e+3 1.18e+3 1.23e+3 1.48e+3 1.20e+3	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.08e+3 1.06e+3	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.29e+3 1.09e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2
FES	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5 9.25e+4 7.50e+4	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.43e+1 2.41e+1 2.41e+1 2.00e-1	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2 8.49e+2 9.85e+1	$   \begin{array}{r} 16 \\     3.73e+2 \\     4.33e+2 \\     4.78e+2 \\     5.22e+2 \\     6.52e+2 \\     4.81e+2 \\     7.05e+1   \end{array} $	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 8.45e+	18     1.01e+3     1.01e+3     1.04e+3     1.06e+3     1.08e+3     1.15e+3     1.15e+3     1.07e+3     1.3.36e+1	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.08e+3 4 .97e+1	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.14e+3 1.14e+3 1.14e+3 4.68e+1	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3 1.07e+3 1.05e+3 8.55e+0	22 1.09e+3 1.15e+3 1.18e+3 1.23e+3 1.48e+3 1.20e+3 8.58e+1	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.08e+3\\ 1.06e+3\\ 9.73e+0\end{array}$	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.29e+3 1.09e+3 5.12e+1	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2
FES 1e3	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5 9.25e+4 7.50e+4 5.11e+0	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.43e+1\\ 2.43e+1\\ 2.00e-1\\ 2.32e+1\end{array}$	$15 \\ 5.73e+2 \\ 8.39e+2 \\ 8.54e+2 \\ 9.23e+2 \\ 9.49e+2 \\ 8.49e+2 \\ 8.49e+1 \\ 3.32e+2 \\ \end{array}$	$     \begin{array}{r} 16 \\       3.73e+2 \\       4.33e+2 \\       4.78e+2 \\       5.22e+2 \\       6.52e+2 \\       4.81e+2 \\       7.05e+1 \\       7.22e+1 \\     \end{array} $	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 8.45e+ 1.05e+	$\begin{array}{r} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.15e+3\\ 1 & 3.36e+1\\ \hline 2 & 9.13e+2\end{array}$	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.18e+3 4 .97e+1 2 9.16e+2	20 9.69e+2 1.01e+3 1.04e+3 1.14e+3 1.14e+3 4.68e+1 9.13e+2	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3 1.07e+3 1.05e+3 8.55e+0 1.00e+3	$\begin{array}{r} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\end{array}$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 9.73e+0\\ 1.01e+3\end{array}$	24 1.03 e+3 1.06 e+3 1.09 e+3 1.11 e+3 1.29 e+3 1.09 e+3 5.12 e+1 2.00 e+2	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$	$\begin{array}{r} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ \end{array}$	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.43e+1 2.43e+1 2.00e-1 2.32e+1 2.36e+1	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2 8.49e+2 9.85e+1 3.32e+2 3.75e+2	$ \begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.22e+1\\ 1.01e+2 \end{array} $	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 8.45e+ 1.05e+ 1.70e+	18 2 1.01e+3 2 1.04e+3 2 1.06e+3 2 1.08e+3 2 1.15e+3 2 1.07e+3 1 3.36e+1 2 9.13e+2 2 9.17e+2	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.08e+3 4.97e+1 4.97e+1 2 9.20e+2	20 9.69e+2 1.01e+3 1.04e+3 1.07e+3 1.14e+3 1.04e+4 4.68e+1 9.13e+2 9.13e+2 9.13e+2	21 1.04e+3 1.05e+3 1.05e+3 1.06e+3 1.07e+3 1.05e+3 8.55e+0 1.00e+3 1.01e+3	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\end{array}$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.06e+3 1.06e+3 9.73e+0 1.01e+3 1.02e+3	24 1.03 e+3 1.06 e+3 1.09 e+3 1.11 e+3 1.29 e+3 5.12 e+1 2.00 e+2 9.97 e+2	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.17e+2 2.17e+2
FES	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med.	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5 9.25e+4 7.50e+4 5.11e+0 6.69e+0 8.07e+0	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.43e+1 2.41e+1 2.00e-1 2.32e+1 2.36e+1 2.37e+1	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2 8.49e+2 9.85e+1 3.32e+2 3.75e+2 4.14e+2	16 3.73e+2 4.33e+2 4.78e+2 5.22e+2 6.52e+2 4.81e+2 7.05e+1 7.22e+1 1.01e+2 1.23e+2	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 5.78e+ 8.45e+ 1.05e+ 1.70e+ 2.72e+	18 2 1.01e+3 2 1.04e+3 2 1.06e+3 2 1.08e+3 2 1.15e+3 2 1.07e+3 1 3.36e+1 2 9.13e+2 2 9.17e+2 2 9.24e+2	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.10e+3 3 1.18e+3 3 1.08e+3 4 .97e+1 2 9.16e+2 2 9.20e+2 2 9.22e+2	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.14e+3 1.14e+3 1.04e+4 9.13e+2 9.13e+2 9.23e+2 9.23e+2	21 1.04e+3 1.05e+3 1.05e+3 1.07e+3 1.05e+3 8.55e+0 1.00e+3 1.01e+3 1.01e+3	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\end{array}$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.06e+3 9.73e+0 1.01e+3 1.02e+3 1.02e+3	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.29e+3 1.09e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.15e+2 2.15e+2 2.17e+2 2.18e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{th}$ $7^{t$	13 5.38e+3 4.10e+4 7.53e+4 1.13e+5 3.14e+5 9.25e+4 7.50e+4 5.11e+0 6.69e+0 8.07e+0 8.07e+0	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.42e+1 2.41e+1 2.00e-1 2.32e+1 2.36e+1 2.37e+1 2.36e+1 2.38e+1	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2 9.49e+2 9.85e+1 3.32e+2 3.75e+2 4.14e+2 4.62e+2	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\end{array}$	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 8.45e+ 1.05e+ 1.05e+ 2.72e+ 2.72e+ 4.40e+	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ 2 & 1.07e+3\\ \hline 2 & 9.13e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline \end{array}$	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.18e+3 3 1.18e+3 4 .97e+1 2 9.16e+2 2 9.20e+2 2 9.22e+2 9 9.22e+2 9 9.22e+2	20 9.69e+2 1.01e+3 1.04e+3 1.07e+3 1.14e+3 1.04e+3 1.14e+3 4.68e+1 9.13e+2 9.18e+2 9.18e+2 9.23e+2 9.23e+2 9.23e+2	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 3.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\end{array}$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ \end{array}$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.06e+3 9.73e+0 1.01e+3 1.02e+3 1.02e+3 1.02e+3	24 1.03e+3 1.09e+3 1.11e+3 1.29e+3 1.09e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3 1.01e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.17e+2 2.18e+2 2.18e+2
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ $19^{th}$ $7^{th}$ $7^{th}$ $19^{th}$ $7^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.77e+0\\ 2.33e+1\end{array}$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.00e-1\\ 2.32e+1\\ 2.36e+1\\ 2.36e+1\\ 2.37e+1\\ 2.38e+1\\ 2.40e+1\\ \end{array}$	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.23e+2 8.49e+2 8.49e+2 8.49e+2 3.32e+2 3.75e+2 4.14e+2 4.62e+2 5.23e+2	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\\ 1.83e+2\\ 5.00e+2\end{array}$	17 $4.49e+, 5.06e+, 5.73e+, 6.27e+, 7.48e+, 1.05e+, 1.05e+, 1.05e+, 1.70e+, 2.72e+, 4.40e+, 6.26e+, 6.26e+, 0.26e+, 0.26e+,$	18           2         1.01e+3           2         1.04e+3           2         1.06e+3           2         1.07e+3           2         1.07e+3           1         3.36e+1           2         9.17e+2           2         9.17e+2           2         9.24e+2           2         9.22e+2           2         9.22e+2	19 3 1.00e+3 3 1.03e+3 3 1.08e+3 3 1.10e+3 3 1.18e+3 3 1.08e+3 4 .97e+1 2 9.16e+2 2 9.20e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 2 9.22e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2e+2 3 9.2	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 2.14e+3 1.04e+3 2.14e+3 2.9.13e+2 2.9.23e+2 2.9.23e+2 2.9.25e+2 2.9.25e+2 2.9.25e+2 2.9.25e+2 2.9.25e+2 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e+3 2.9.14e	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\end{array}$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ \end{array}$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.06e+3 1.06e+3 9.73e+0 1.01e+3 1.02e+3 1.02e+3 1.02e+3	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.09e+3 1.09e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3 1.01e+3 1.01e+3 1.02e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.17e+2 2.18e+2 2.18e+2 2.218e+2 2.22e+2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ mean	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.77e+0\\ 2.33e+1\\ 8.68e+0\\ \end{array}$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.43e+1\\ 2.43e+1\\ 2.42e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.38e+1\\ 2.40e+1\\ 2.37e+1\\ 2.37e+1\\ \end{array}$	15 5.73e+2 8.39e+2 8.54e+2 9.23e+2 9.49e+2 8.49e+2 8.49e+2 9.85e+2 3.75e+2 4.14e+2 4.62e+2 5.23e+2 4.22e+2	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\\ 5.00e+2\\ 5.00e+2\\ 1.73e+2\end{array}$	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 5.78e+ 8.45e+ 1.05e+ 1.70e+ 2.72e+ 4.40e+ 6.26e+ 3.08e+	$\begin{array}{r} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.07e+3\\ 2 & 1.07e+3\\ 2 & 1.07e+3\\ 2 & 9.13e+2\\ 2 & 9.13e+2\\ 2 & 9.13e+2\\ 2 & 9.24e+2\\ 2 & 9.29e+2\\ 2 & 9.29e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ \end{array}$	$\begin{array}{r} 19\\ \hline 3 & 1.00e+3\\ \hline 3 & 1.03e+3\\ \hline 3 & 1.08e+3\\ \hline 3 & 1.18e+3\\ \hline 3 & 1.18e+3\\ \hline 3 & 1.08e+3\\ \hline 4 & 1.18e+3\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.20e+2\\ \hline 2 & 9.20e+2\\ \hline 2 & 9.22e+2\\ \hline 2 & 9.2 $	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.14e+3 1.14e+3 1.04e+3 4.68e+1 9.13e+2 9.13e+2 9.23e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.06e+3\\ 1.07e+3\\ 1.05e+3\\ 8.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.01e+3\end{array}$	$\begin{array}{r} 22\\ \hline 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.48e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.08e+3 1.08e+3 9.73e+0 1.01e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3	24 1.03e+3 1.06e+3 1.11e+3 1.29e+3 1.29e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3 1.01e+3 1.02e+3 9.72e+2	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.17e+2 2.18e+2 2.18e+2 2.22e+2 2.18e+2
FES 1e3 1e4	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 2.33e+1\\ 8.68e+0\\ 3.86e+0\\ \end{array}$	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.43e+1 2.43e+1 2.32e+1 2.32e+1 2.32e+1 2.36e+1 2.37e+1 2.38e+1 2.38e+1 2.40e+1 2.40e+1	$\begin{array}{r} 15\\ \overline{5.73e+2}\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.23e+2\\ 5.29e+1\end{array}$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\\ 1.83e+2\\ 5.00e+2\\ 1.73e+2\\ 1.21e+2\\ 1.21e+2\\ \end{array}$	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 1.78e+ 8.45e+ 1.05e+ 1.70e+ 2.72e+ 4.40e+ 6.26e+ 3.08e+ 1.55e+	$\begin{array}{r} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.06e+3\\ \hline 2 & 1.06e+3\\ \hline 2 & 1.05e+3\\ \hline 2 & 1.07e+3\\ \hline 1 & 3.36e+1\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.17e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.29e+2\\ \hline 2 & 9.52e+2\\ \hline 2 & 9.52e+2\\ \hline 2 & 8.82e+4\\ \hline \end{array}$	19           3         1.00e+3           3         1.03e+3           3         1.10e+3           3         1.10e+3           3         1.10e+3           3         1.10e+2           3         1.08e+3           4         9.7e+1           2         9.20e+2           2         9.22e+2           2         9.22e+2           2         9.32e+2           2         9.22e+2           9.32e+2         9.22e+2           9.22e+2         9.22e+2           9.4         27e+0	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.14e+3 1.14e+3 1.04e+3 1.04e+3 4.68e+1 9.13e+2 9.13e+2 9.23e+2 9.25e+2 9.41e+2 9.22e+2 9.41e+2 9.22e+2 9.41e+2 9.22e+2 9.41e+2 9.22e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2 9.41e+2	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 3.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 3.32e+0\end{array}$	$\begin{array}{r} 22\\ \hline 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ \hline 9.38e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 9.67e+2\\ 9.88e+2\\ 1.34e+1\\ 1.34e+1\\ \end{array}$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.08e+3 1.08e+3 9.73e+0 1.01e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 2.87e+0	24 1.03e+3 1.09e+3 1.11e+3 1.29e+3 1.29e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3 1.01e+3 1.02e+3 9.72e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2 1.61e+2	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.22e+2 2.18e+0 1.37e+0
FES 1e3	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ mean std min $3^{th}$	$\begin{array}{c} 13 \\ 5.38e+3 \\ 4.10e+4 \\ 7.53e+4 \\ 1.13e+5 \\ 9.25e+4 \\ 7.50e+4 \\ 5.11e+0 \\ 6.69e+0 \\ 8.07e+0 \\ 8.07e+0 \\ 2.33e+1 \\ 8.68e+0 \\ 3.86e+0 \\ 3.86e+0 \\ 4.11e+0 \\ \end{array}$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.13e+1\\ 2.13e+1\\ \end{array}$	$\begin{array}{r} 15\\ 5.73 e+2\\ 8.39 e+2\\ 8.54 e+2\\ 9.23 e+2\\ 9.49 e+2\\ 9.49 e+2\\ 9.85 e+1\\ 3.32 e+2\\ 3.75 e+2\\ 4.14 e+2\\ 4.62 e+2\\ 5.23 e+2\\ 4.22 e+2\\ 5.23 e+2\\ 4.22 e+2\\ 5.79 e+1\\ 2.00 e+2\\ \end{array}$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 5.22e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\\ 5.00e+2\\ \hline 1.73e+2\\ 1.73e+2\\ 1.21e+2\\ 3.24e+1\\ \end{array}$	17 4.49e+ 5.73e+ 5.73e+ 5.73e+ 5.78e+ 5.78e+ 1.05e+ 1.05e+ 1.05e+ 4.40e+ 6.26e+ 3.08e+ 1.55e+ 9.79e+ 1.55e+ 1.55e+ 9.79e+ 1.55e+ 1.5	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.15e+3\\ 2 & 1.15e+3\\ 2 & 1.15e+3\\ 2 & 9.13e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 8.2e+4\\ 2 & 8.2e+4\\ 1 & 9.12e+2\\ \end{array}$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.10e+3           3         1.18e+3           3         1.18e+3           3         1.08e+3           4         97e+1           2         9.20e+2           2         9.22e+2           9.22e+2         9.22e+2	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.04e+3 1.14e+3 1.14e+3 1.14e+3 1.14e+3 1.14e+3 1.14e+3 1.14e+3 1.14e+3 2.18e+22 9.18e+22 9.23e+22 9.25e+2 9.41e+22 9.22e+22 0.47e+0 0.47e+0 0.13e+23 0.42e+14 0.12e+33 0.12e+33 0.12e+33 0.12e+33 0.12e+33 0.12e+33 0.12e+33 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1$	$\begin{array}{r} 24\\ 1.03 e+3\\ 1.09 e+3\\ 1.09 e+3\\ 1.29 e+3\\ 1.29 e+3\\ 1.29 e+3\\ 5.12 e+1\\ 2.00 e+2\\ 9.97 e+2\\ 1.00 e+3\\ 1.01 e+3\\ 1.02 e+3\\ 9.72 e+2\\ 1.61 e+2\\ 2.00 e+2\end{array}$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 2.15e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 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2.18e+2 2.18e+2 2.18e+2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ mean std $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 2.33e+1\\ 8.68e+0\\ 3.86e+0\\ 3.86e+0\\ 4.11e+0\\ 0.00e+0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0$	14 2.37e+1 2.39e+1 2.41e+1 2.42e+1 2.42e+1 2.41e+1 2.00e-1 2.32e+1 2.36e+1 2.36e+1 2.37e+1 2.38e+1 2.37e+1 2.40e+1 2.37e+1 2.10e-1 2.10e-1 2.10e-1	$\begin{array}{c} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 8.49e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.10e+2\\ 2.10e+2\\ \end{array}$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.73e+2\\ 1.21e+2\\ 3.24e+1\\ 1.21e+2\\ 0.0e+1\\ 1.21e+2\\ 0.0e+1\\ 1.21e+2\\ 0.0e+1\\ 1.21e+2\\ 0.0e+1\\ 0.0e+1\\$	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 7.48e+ 1.05e+ 1.05e+ 1.70e+ 2.72e+ 4.40e+ 3.08e+ 1.55e+ 9.79e+ 1.22e+	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.15e+3\\ 2 & 1.15e+3\\ 2 & 1.15e+3\\ 2 & 9.17e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.25e+2\\ 2 & 9$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.18e+3           3         1.08e+3           4         97e+1           2         9.16e+2           2         9.22e+2           2         9.22e+2           2         9.32e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           9.12e+2         9.21e+2           0         1.12e+3	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.04e+3 1.14e+3 1.04e+3 4.68e+1 9.13e+2 9.18e+2 9.23e+2 9.25e+2 9.21e+2 9.22e+2 9.41e+2 9.22e+2 9.41e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2 9.14e+2	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 3.33e+0\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.24e+1\\ 8.12e+2\\ \end{array}$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 2.87e+0\\ 1.01e+3\\ 2.87e+0\\ 1.01e+3\\ 2.87e+0\\ 1.01e+3\\ 2.87e+0\\ 1.02e+3\\ 1$	24 1.03e+3 1.06e+3 1.09e+3 1.11e+3 1.09e+3 1.29e+3 5.12e+1 2.00e+2 9.97e+2 1.00e+3 1.02e+3 9.72e+2 1.61e+2 2.00e+2 9.86e+2 2.00e+2 9.86e+3 9.72e+2 1.61e+2 2.00e+2 9.86e+3 9.72e+2 1.61e+3 9.72e+3 9.72e+3 1.02e+3 9.72e+3 1.02e+3 9.72e+3 1.02e+3 9.72e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 9.72e+2 1.02e+3 1.02e+3 9.72e+2 1.61e+2 2.00e+2 2.00e+3 1.02e+3 9.72e+2 2.00e+3 1.02e+3 9.72e+2 2.00e+3 1.02e+3 9.72e+2 1.02e+3 9.86e+3 1.02e+3 9.86e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 2.15e+2 2.15e+2 2.17e+2 2.18e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+28
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.03e+1\\ 8.68e+0\\ 3.86e+0\\ 3.86e+0\\ 4.11e+0\\ 4.99e+0\\ 6.0e+0\\ 5.00e+0\\ 4.0e+0\\ 5.00e+0\\ 5$	$\begin{array}{c} 14\\ \hline 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.41e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.30e+1\\$	$\begin{array}{c} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.23e+2\\ 9.49e+2\\ 8.49e+2\\ 8.49e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.23e+2\\ 5.79e+1\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.22e+2\\ 2$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.83e+2\\ 5.00e+2\\ 1.73e+2\\ 1.21e+2\\ 3.24e+1\\ 4.09e+1\\ 4.69e+1\end{array}$	17 4.49e+ 5.06e+ 5.73e+ 6.27e+ 7.48e+ 1.05e+ 1.05e+ 4.40e+ 6.26e+ 3.08e+ 1.55e+ 9.79e+ 1.23e+ 1.61e+ 1.6	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.07e+3\\ 1 & 3.36e+1\\ 2 & 9.13e+2\\ 2 & 9.13e+2\\ 2 & 9.24e+2\\ 2 & 9.29e+2\\ 2 & 9.22e+2\\ 2 & 9.52e+2\\ 2 & 9.52e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 8.82e+0\\ 1 & 9.12e+2\\ 2 & 9.14e+2\\ 2 & 9.14e+2\\ \end{array}$	$\begin{array}{c} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 4,97e+1\\ \hline 2,9.20e+2\\ \hline 2,9.20e+2\\ \hline 2,9.22e+2\\ \hline $	20 9.69e+2 1.01e+3 1.04e+3 1.07e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 2.9.13e+2 9.13e+2 9.23e+2 9.23e+2 9.23e+2 9.23e+2 9.23e+2 9.23e+2 9.23e+2 9.22e+2 9.24e+3 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.02e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.00e+3\\ 1.00e+3\\ 1.00e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 2.87e+0\\ 1.01e+3\\ 1.02e+3\\ 2.87e+0\\ 1.02e+3\\ 1$	$\begin{array}{r} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.11e+3\\ 1.29e+3\\ 1.09e+3\\ 5.12e+1\\ 2.00e+2\\ 9.97e+2\\ 1.00e+3\\ 1.01e+3\\ 1.02e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.86e+2\\ 2.00e+2\\ 9.86e+2\\ 0.00e+2\\ 0$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.18e+2 2.18e+2 2.22e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2
FES	Prob. min $7^{th}$ med. $19^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 3.36e+1\\ 3.86e+0\\ 4.11e+0\\ 4.99e+0\\ 5.40e+0\\ 5$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.43e+1\\ 2.42e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.10e-1\\ 2.13e+1\\ 2.30e+1\\ 2.30e+1\\ 2.30e+1\\ 2.30e+1\\ 2.31e+1\\ 2.30e+1\\ 2.31e+1\\ 2.30e+1\\ 2.31e+1\\ 2$	$\begin{array}{c} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 8.49e+2\\ 8.49e+2\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.10e+2\\ 2.33e+2\\ 2.38e+2\\ 2.33e+2\\ 2.38e+2\\ 2$	$\begin{array}{c} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.83e+2\\ 5.00e+2\\ 1.73e+2\\ 1.21e+2\\ 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ 2.40e+1\\ 4.50e+1\\ \end{array}$	17 $4.49e+$ $5.73e+$ $6.27e+$ $7.48e+$ $5.78e+$ $1.05e+$ $1.70e+$ $2.72e+$ $4.40e+$ $6.26e+$ $3.08e+$ $1.55e+$ $9.79e+$ $1.23e+$ $1.61e+$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.06e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.07e+3\\ \hline 2 & 1.07e+3\\ \hline 2 & 1.07e+3\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.29e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16e+2\\ \hline \end{array}$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.18e+3           3         1.18e+3           3         1.18e+3           3         1.18e+3           4         97e+1           2         9.20e+2           2         9.22e+2           2         9.12e+2           2         9.12e+2           2         9.17e+2           2         9.17e+2	20 9.69e+2 1.01e+3 1.04e+3 1.07e+3 1.14e+3 1.14e+3 4.68e+1 9.13e+2 9.13e+2 9.23e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.25e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.13e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2 9.15e+2	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 3.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 3.33e+0\\ 1.00e+3\\ 1.00e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 22\\ \hline 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.48e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.34e+2\\ 8.51e+2\\ 2.51e+2\\ 0.62e+2\\ 0.62e+2\\$	$\begin{array}{c} 23\\ \hline 1.04e+3\\ 1.05e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.08e+3\\ \hline 1.02e+3\\ \hline $	$\begin{array}{c} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 5.12e+1\\ 2.00e+2\\ 9.97e+2\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.86e+2\\ 9.86e+2\\ 9.90e+2\\ 9.90e+2\\ 0.02e+2\\ 0$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.15e+2 2.16e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2
FES 1e3  1e4 	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std min $7^{th}$ mean $19^{th}$ max mean $19^{th}$	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.77e+0\\ 2.33e+1\\ 8.68e+0\\ 3.86e+0\\ 4.11e+0\\ 4.99e+0\\ 5.40e+0\\ 5.40e+0\\ 5.72e+0\\ 9.40e+0\\ 9$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.43e+1\\ 2.43e+1\\ 2.43e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.32e+1\\ 2.10e-1\\ 2.13e+1\\ 2.30e+1\\ 2.31e+1\\ 2.32e+1\\ 2$	$\begin{array}{r} 15\\ \overline{5.73e+2}\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.10e+2\\ 2.33e+2\\ 2.77e+2\\ 2.77e+2\end{array}$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 5.22e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.83e+2\\ 5.00e+2\\ \hline 1.73e+2\\ 1.21e+2\\ 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ 6.49e+1\\ \end{array}$	17 $4.49e + 5.73e + 5.73e + 5.73e + 5.73e + 1.05e + 1.75e + 1.75e + 1.75e + 1.75e + 1.75e + 1.55e + 1.55e + 1.55e + 1.55e + 1.55e + 1.55e + 1.52e + 1.61e + 1.23e + 1.61e + 2.69e + 5.66e +$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.07e+3\\ 1 & 3.36e+1\\ \hline 2 & 9.13e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.25e+2\\ 2 &$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.10e+3           3         1.18e+3           3         1.18e+3           3         1.08e+3           4         97e+1           2         9.20e+2           2         9.20e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           9.12e+2         9.12e+2           2         9.12e+2           2         9.12e+2           2         9.18e+2           9.18e+2         9.18e+2	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 1.07e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 2.9.18e+22\\ \hline 9.18e+22\\ \hline 9.18e+22\\ \hline 9.28e+22\\ \hline 9.28e+22\\ \hline 9.22e+22\\ \hline 0.41e+22\\ \hline 9.18e+22\\ \hline $	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.05e+3\\ 3.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 3.33e+0\\ 1.00e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 8.88e+2\\ 8.84e+1\\ 8.12e+2\\ 8.34e+1\\ 8.51e+2\\ 8.51e+2\\ 8.62e+2\\ 8$	$\begin{array}{c} 23\\ \hline 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ \hline 1.08e+3\\ \hline 1.08e+3\\ \hline 1.08e+3\\ \hline 1.02e+3\\ \hline 1.$	$\begin{array}{r} 24\\ \hline 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ \hline 1.11e+3\\ 1.29e+3\\ \hline 3.129e+3\\ \hline 3.129e+3\\ \hline 5.12e+1\\ 2.00e+2\\ 9.97e+2\\ \hline 1.00e+3\\ \hline 1.01e+3\\ \hline 1.02e+3\\ 9.72e+2\\ \hline 2.00e+2\\ 9.96e+2\\ \hline 9.90e+2\\ 9.90e+2\\ \hline 9.90e+2\\ 9.95e+2\\ \hline 9.9$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.15e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2
FES 1e3 1e4 1e5	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std 19 <sup>th</sup> mean std	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 9.25e+4\\ 7.50e+4\\ \overline{}\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 3.36e+0\\ 3.36e+0\\ 4.11e+0\\ 4.99e+0\\ 5.40e+0\\ 5.40e+0\\ 5.40e+0\\ 5.42e+0\\ 5$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.00e-1\\ 2.32e+1\\ 2.36e+1\\ 2.36e+1\\ 2.38e+1\\ 2.38e+1\\ 2.38e+1\\ 2.30e+1\\ 2.30e+1\\ 2.31e+1\\ 2.32e+1\\ 2$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.33e+2\\ 2.10e+2\\ 2.38e+2\\ 2.77e+2\\ 3.48e+2\\ 9.56e+2\\ 9$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ \hline 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ \hline 1.33e+2\\ 5.00e+2\\ \hline 1.73e+2\\ 1.21e+2\\ \hline 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ \hline 6.49e+1\\ 1.63e+2\\ \hline 6.68e+2\\ \hline 6.68e+2\\ \hline 0.68e+2\\ \hline 0.$	17 $4.49e+$ $5.73e+$ $6.27e+$ $7.48e+$ $7.48e+$ $1.05e+$ $1.05e+$ $1.05e+$ $1.05e+$ $1.55e+$ $9.79e+$ $1.23e+$ $1.61e+$ $2.69e+$ $5.92e+$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.06e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.07e+3\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.17e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.20e+2\\ \hline 2 & 9.20$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.18e+3           3         1.18e+3           3         1.08e+3           3         1.08e+3           4         97e+1           2         9.20e+2           2         9.22e+2           2         9.12e+2           2         9.12e+2           2         9.12e+2           2         9.12e+2           2         9.17e+2           2         9.21e+2           2         9.21e+2           2         9.21e+2           2         9.21e+2	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 1.07e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 2.04e+2\\ \hline 9.13e+2\\ \hline 9.13e+2\\ \hline 9.23e+2\\ \hline 9.25e+2\\ \hline 9.25e+2\\ \hline 9.22e+2\\ \hline 9.25e+2\\ \hline 9.13e+2\\ $	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.00e+3\\ 1.00e+3\\ 1.00e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8.51e+2\\ 8.62e+2\\ 8$	23 1.04e+3 1.05e+3 1.06e+3 1.06e+3 1.06e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3 1.02e+3	24 1.03 e+3 1.09 e+3 1.19 e+3 1.29 e+3 1.29 e+3 1.29 e+3 5.12 e+1 2.00 e+2 9.97 e+2 1.00 e+3 9.72 e+2 1.01 e+3 9.72 e+2 2.00 e+2 9.96 e+2 9.90 e+2 9.96 e+2 9.90 e+2 9.00 e+3 9.72 e+2 9.90 e+2 9.00 e+2 9.00 e+3 9.72 e+2 9.90 e+2 9.	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 2.15e+2 2.15e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 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FES 1e3 1e4	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std 19 <sup>th</sup> med. 19 <sup>th</sup> med. 19 <sup>th</sup>	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 2.33e+1\\ 8.68e+0\\ 3.86e+0\\ 4.38e+0\\ 4.99e+0\\ 5.40e+0\\ 5.72e+0\\ 7.29e+0\\ 5.48e+0\\ 5$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.00e-1\\ 2.32e+1\\ 2.36e+1\\ 2.37e+1\\ 2.37e+1\\ 2.40e+1\\ 2.37e+1\\ 2.10e-1\\ 2.13e+1\\ 2.30e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.30e+1\\ 2$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.33e+2\\ 2.33e+2\\ 2.77e+2\\ 3.48e+2\\ 2.50e+2\\ 4.50e+2\\ 1.50e+2\\ 1$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.21e+2\\ 3.24e+1\\ 4.50e+1\\ 4.50e+1\\ 4.50e+1\\ 1.63e+2\\ \hline 6.50e+1\\ 1.63e+2\\ \hline 6.50e+1\\ \end{array}$	17 $4.49e + 5.06e + 5.73e + 6.27e + 7.48e + 5.73e + 1.05e + 1.05e + 1.05e + 1.05e + 1.05e + 1.23e + 1.55e + 9.79e + 1.23e + 1.23e + 1.61e + 5.92e +$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.15e+3\\ 2 & 1.15e+3\\ 1 & 3.36e+1\\ 2 & 9.13e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.25e+2\\ 2 & 9.26e+2\\ 2 & 9.16e+2\\ 2 & 9$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.18e+3           3         1.08e+3           3         1.18e+3           3         1.08e+3           4         97e+1           2         9.16e+2           2         9.22e+2           2         9.22e+2           9.22e+2         9.32e+2           2         9.12e+2           2         9.12e+2           2         9.15e+2           2         9.15e+2           2         9.15e+2           2         9.12e+2           2         9.17e+2           3         9.17e+2	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 3.1.04e+3\\ \hline 3.1.04e+3\\ \hline 3.1.04e+3\\ \hline 3.1.04e+3\\ \hline 3.1.04e+3\\ \hline 4.68e+1\\ \hline 9.13e+2\\ \hline 9.13e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.13e+2\\ \hline 9.14e+2\\ \hline 9.13e+2\\ \hline 9.14e+2\\ \hline 9.13e+2\\ \hline 9.14e+2\\ \hline$	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.00e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8.62e+2\\ 8$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1$	$\begin{array}{r} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.11e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 5.12e+1\\ 2.00e+2\\ 9.97e+2\\ 1.00e+3\\ 1.01e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.96e+2\\ 9.90e+2\\ 9.90e+2\\ 9.90e+2\\ 9.95e+2\\ 1.01e+3\\ 9.60e+2\\ 9.95e+2\\ 1.01e+3\\ 1.02e+3\\ 1$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 2.15e+2 2.17e+2 2.15e+2 2.18e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.28e+2 2.216e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2
FES 1e3 1e4 1e5	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> med. 19 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> mean std	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.03e+1\\ 8.68e+0\\ 3.86e+0\\ 4.11e+0\\ 4.99e+0\\ 5.40e+0\\ 5.72e+0\\ 5.72e+0\\ 5.48e+0\\ 7.29e+0\\ 5.48e+0\\ 7.48e+0\\ 7$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.42e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.37e+1\\ 2$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.23e+2\\ 9.23e+2\\ 8.49e+2\\ 8.49e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 5.23e+2\\ 4.22e+2\\ 5.23e+2\\ 2.30e+2\\ 2.30e+2\\ 2.77e+2\\ 2.37e+2\\ 2.50e+2\\ 4.92e+1\\ 4.92e+1\\ \end{array}$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.21e+2\\ 3.24e+1\\ 4.09e+1\\ 4.09e+1\\ 1.63e+2\\ 6.50e+1\\ 3.89e+1\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.06e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.05e+\\ 1.70e+\\ 2.72e+\\ 4.40e+\\ 6.26e+\\ 3.08e+\\ 1.55e+\\ 9.79e+\\ 1.23e+\\ 1.61e+\\ 2.69e+\\ 2.36e+\\ 1.59e+\\ \end{array}$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.06e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.07e+3\\ \hline 1 & 3.36e+1\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.29e+2\\ \hline 2 & 9.29e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16$	$\begin{array}{c} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 1,08e+3\\ \hline 1,18e+3\\ \hline 2,18e+2\\ \hline 2,20e+2\\ \hline 2,21e+2\\ $	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 1.07e+3\\ \hline 1.07e+3\\ \hline 1.14e+3\\ \hline 1.14e+3\\ \hline 1.14e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 2.018e+2\\ \hline 9.13e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.13e+2\\ \hline 9.13e+2\\$	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1$	$\begin{array}{r} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8.51e+2\\ 8.62e+2\\ 8.84e+2\\ 8.62e+2\\ 8.84e+2\\ 1.89e+1\\ \hline\end{array}$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1$	$\begin{array}{r} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.11e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 5.12e+1\\ 2.00e+2\\ 9.97e+2\\ 1.00e+3\\ 1.01e+3\\ 1.02e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.96e+2\\ 9.96e+2\\ 9.96e+2\\ 9.95e+2\\ 1.61e+3\\ 9.60e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 1$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+3 7.05e+2 1.27e+2 2.15e+2 2.17e+2 2.18e+2 2.18e+2 2.22e+2 2.18e+2 2.18e+2 2.22e+2 2.18e+2 2.15e+2 2.15e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2
FES 1e3 1e4	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min 7 <sup>th</sup> med. 19 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std	$\begin{array}{c} 13\\ \hline 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ \hline 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ \hline 8.07e+0\\ 8.07e+0\\ \hline 8.07e+0\\ 5.11e+0\\ 4.99e+0\\ \hline 5.40e+0\\ 5.40e+0\\ \hline 5.48e+0\\ 7.29e+0\\ \hline 5.48e+0\\ 7.29e+0\\ \hline 7.44e-1\\ 2.94e+0\\ \hline \end{array}$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.32e+1\\ 2.37e+1\\ 2$	$\begin{array}{r} 15\\ 5.73 e+2\\ 8.39 e+2\\ 8.54 e+2\\ 9.23 e+2\\ 9.23 e+2\\ 9.49 e+2\\ 8.49 e+2\\ 8.49 e+2\\ 3.32 e+2\\ 3.75 e+2\\ 4.14 e+2\\ 4.62 e+2\\ 5.23 e+2\\ 4.22 e+2\\ 5.23 e+2\\ 2.50 e+2\\ 2.10 e+2\\ 2.37 e+2\\ 2.37 e+2\\ 2.37 e+2\\ 2.38 e+2\\ 2.50 e+2\\ 4.92 e+1\\ 2.00 e+2\\ 4.92 e+1\\ 2.00 e+2\\ \end{array}$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 3.24e+1\\ 4.09e+1\\ 4.09e+1\\ 4.09e+1\\ 1.63e+2\\ 6.50e+1\\ 3.89e+1\\ 1.26e+1\\ 1.26e+1\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.06e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.70e+\\ 2.72e+\\ 4.40e+\\ 6.26e+\\ 3.08e+\\ 1.55e+\\ 1.23e+\\ 1.61e+\\ 2.36e+\\ 1.59e+\\ 2.36e+\\ 1.59e+\\ 2.36e+\\ 1.59e+\\ 3.79e+\\ 1.59e+\\ 1.5$	$\begin{array}{c} 18\\ \hline \\ 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.07e+3\\ 1 & 1.5e+3\\ 2 & 1.07e+3\\ 1 & 3.36e+1\\ 2 & 9.13e+2\\ 2 & 9.13e+2\\ 2 & 9.29e+2\\ 2 & 9.14e+2\\ 2 & 9.14e+2\\ 2 & 9.16e+2\\ 2 & 9.16e+2\\ 2 & 9.29e+2\\ 2 & $	$\begin{array}{c} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 4,97e+1\\ \hline 2,9.16e+2\\ \hline 2,9.20e+2\\ \hline 2,9.16e+2\\ \hline 2,9.17e+2\\ \hline $	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.07e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.04e+3\\ \hline 1.14e+3\\ \hline 1.14e+3\\ \hline 1.04e+3\\ \hline 1.14e+3\\ \hline 2.9.13e+2\\ \hline 9.13e+2\\ \hline 9.13e+2\\ \hline 9.23e+2\\ \hline 9.23e+2\\ \hline 9.22e+2\\ \hline 9.22e+2\\ \hline 9.14e+2\\ \hline 9.13e+2\\ \hline 9.13e+2\\ \hline 2.9.1e+2\\ \hline 9.15e+2\\ \hline 9.15e+2\\ \hline 9.15e+2\\ \hline 9.15e+2\\ \hline 9.15e+2\\ \hline 9.16e+2\\ \hline 9.16e+$	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 3.55e+0\\ 1.00e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+2\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 8.58e+2\\ 8.84e+2\\ 8.34e+1\\ 8.12e+2\\ 8.51e+2\\ 8.84e+2\\ 8.84e+2\\ 8.84e+2\\ 8.84e+2\\ 8.84e+2\\ 1.89e+1\\ 7.95e+2\\ \end{array}$	$\begin{array}{c} 23\\ \hline 1.04e+3\\ 1.05e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.02e+3\\ \hline 1.01e+3\\ \hline $	$\begin{array}{c} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.29e+3\\ 1.29e+3\\ 3.129e+3\\ 3.129e+3\\ 3.12e+1\\ 2.00e+2\\ 9.97e+2\\ 1.00e+3\\ 1.01e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.96e+2\\ 9.90e+2\\ 9.90e+2\\ 9.90e+2\\ 1.59e+2\\ 2.00e+2\\ 1.59e+2\\ 2.00e+2\\ 0.1e+3\\ 1.59e+2\\ 2.00e+2\\ 0.1e+3\\ 1.59e+2\\ 0.1e+3\\ 1.59e+3\\ 1.59e+2\\ 0.1e+3\\ 1.59e+3\\ 1.$	25 5.19e+2 6.42e+2 6.73e+2 7.20e+2 1.16e+3 7.05e+2 1.27e+2 2.15e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.18e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2 2.16e+2
FES 1e3 1e4	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean std	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.77e+0\\ 2.33e+1\\ 8.68e+0\\ 3.86e+0\\ 3.86e+0\\ 5.40e+0\\ 5.40e+0\\ 5.40e+0\\ 5.40e+0\\ 5.42e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 4.25e+0\\ \end{array}$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.43e+1\\ 2.42e+1\\ 2.42e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.31e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.30e+1\\ 5.11e-1\\ 2.13e+1\\ 2.26e+1\\ \end{array}$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 3.75e+2\\ 4.14e+2\\ 5.23e+2\\ 4.22e+2\\ 5.23e+2\\ 2.30e+2\\ 2.33e+2\\ 2.77e+2\\ 3.48e+2\\ 2.50e+2\\ 2.50e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 3.00e+2\\ 3.00$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 5.22e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ \hline 1.73e+2\\ 1.21e+2\\ \hline 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ 4.63e+2\\ \hline 6.50e+1\\ 3.89e+1\\ 1.26e+1\\ 1.26e+1\\ 1.72e+1\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ \hline 5.78e+\\ \hline 1.05e+\\ 1.70e+\\ 2.72e+\\ 4.40e+\\ \hline 1.55e+\\ \hline 1.55e+\\ 1.23e+\\ \hline 1.23e+\\ \hline 1.23e+\\ \hline 1.59e+\\ 9.79e+\\ \hline 1.23e+\\ \hline 1.59e+\\ \hline 9.79e+\\ \hline 1.23e+\\ \hline \end{array}$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ 2 & 1.08e+3\\ \hline 2 & 1.07e+3\\ 1 & 3.36e+1\\ \hline 2 & 9.13e+2\\ 2 & 9.17e+2\\ 2 & 9.24e+2\\ 2 & 9.24e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 9.25e+2\\ 2 & 9.26e+2\\ 2 & 9.26e+2\\ 2 & 9.16e+2\\ 2$	19           3         1.00e+3           3         1.03e+3           3         1.08e+3           3         1.10e+3           3         1.10e+3           3         1.10e+3           3         1.10e+3           3         1.18e+3           3         1.08e+3           4         97e+1           2         9.20e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.22e+2           2         9.12e+2           2         9.12e+2           2         9.17e+2           2         9.17e+2           2         9.21e+2           2         9.24e+0           2         9.17e+2           2         9.12e+2           3         2.43e+0           2         9.12e+2	20 9.69e+2 1.01e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+3 1.04e+2 9.18e+22 9.22e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.13e+22 9.15e+22 9.16e+22 9.216e+22 9.216e+22 9.216e+22 9.216e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.11e+22 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9.12e+24 9	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{r} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 1.20e+3\\ 1.20e+3\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 8.84e+2\\ 8.51e+2\\ 8.51e+2\\ 8.51e+2\\ 8.51e+2\\ 8.51e+2\\ 8.50e+2\\ 1.34e+1\\ 7.95e+2\\ 7.99e+2\\ 7.99e+2\\ \end{array}$	$\begin{array}{c} 23\\ \hline 1.04e+3\\ 1.05e+3\\ \hline 1.06e+3\\ \hline 1.06e+3\\ \hline 1.08e+3\\ \hline 1.08e+3\\ \hline 1.02e+3\\ \hline $	$\begin{array}{c} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.11e+3\\ 1.29e+3\\ 1.09e+3\\ 1.09e+3\\ 1.09e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 2.00e+2\\ 9.97e+2\\ 2.00e+2\\ 9.90e+2\\ 9.95e+2\\ 1.01e+3\\ 9.60e+2\\ 1.59e+2\\ 2.00e+2\\ 9.95e+2\\ 9$	$\begin{array}{c} 25\\ \hline 5.19e+2\\ \hline 6.42e+2\\ \hline 6.73e+2\\ \hline 7.20e+2\\ \hline 7.20e+2\\ \hline 1.16e+3\\ \hline 7.05e+2\\ \hline 1.27e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.18e+2\\ \hline 2.16e+2\\ $
FES 1e3 1e4	Prob. min 7 <sup>th</sup> med. 19 <sup>th</sup> max mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean std min 7 <sup>th</sup> mean mean std mean mean mean mean mean mean mean mean	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ \overline{}\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 2.33e+1\\ \overline{}\\ 8.07e+0\\ 3.86e+0\\ 4.11e+0\\ \overline{}\\ 3.86e+0\\ 4.99e+0\\ 5.40e+0\\ 5.40e+0\\ \overline{}\\ 5.40e+0\\ \overline{}\\ 5.40e+0\\ \overline{}\\ 5.42e+0\\ 4.99e+0\\ \overline{}\\ 5.42e+0\\ 4.92e+0\\ 4.25e+0\\ 4.25e+0\\ 4.71e+0\\ \end{array}$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.00e-1\\ 2.32e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.31e+1\\ 2.32e+1\\ 2.37e+1\\ 2.31e+1\\ 2.32e+1\\ 2.37e+1\\ 2.32e+1\\ 2$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.39e+2\\ 9.23e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 9.49e+2\\ 3.32e+2\\ 4.52e+2\\ 4.52e+2\\ 2.52e+2\\ 2.10e+2\\ 2.33e+2\\ 2.77e+2\\ 3.48e+2\\ 2.50e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ \end{array}$	$\begin{array}{r} 16\\ \hline 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ \hline 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.21e+2\\ \hline 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ 6.49e+1\\ 1.63e+2\\ 6.50e+1\\ 3.89e+1\\ 3.89e+1\\ 1.26e+1\\ 1.26e+1\\ 1.26e+1\\ 1.25e+1\\ 2.15e+1\end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.73e+\\ 5.73e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 1.27e+\\ 4.40e+\\ 1.55e+\\ 9.79e+\\ 1.23e+\\ 1.61e+\\ 2.36e+\\ 1.59e+\\ 1.59e+\\ 1.23e+\\ 1.59e+\\ 1.23e+\\ 1.61e+\\ \end{array}$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.17e+2\\ \hline 2 & 9.17e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16$	$\begin{array}{c} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.08e+3\\ \hline 4,97e+1\\ \hline 2,9.16e+2\\ \hline 2,9.22e+2\\ \hline 2,9.12e+2\\ \hline 2,9.17e+2\\ \hline 2,9.12e+2\\ \hline 2,$	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 1.07e+3\\ \hline 1.04e+3\\ \hline 2.01e+2\\ \hline 1.04e+3\\ \hline 2.01e+2\\ $	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.20e+3\\ 3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8.51e+2\\ 8.51e+2\\ 8.50e+2\\ 1.89e+1\\ 1.99e+2\\ 1.89e+1\\ 7.95e+2\\ 7.99e+2\\ 8.03e+2\\ \end{array}$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.08e+3\\ 1.02e+3\\ 1$	$\begin{array}{c} 24\\ 1.03 e+3\\ 1.06 e+3\\ 1.09 e+3\\ 1.11 e+3\\ 3\\ 1.29 e+3\\ 1.29 e+3\\ 5.12 e+1\\ 2.00 e+2\\ 9.97 e+2\\ 1.00 e+3\\ 9.72 e+2\\ 1.01 e+3\\ 9.72 e+2\\ 2.00 e+2\\ 9.96 e+2\\ 9.95 e+2\\ 1.59 e+2\\ 1.59 e+2\\ 2.00 e+2\\ 9.96 e+2\\ 9.98 e+2\\ 9.98 e+2\\ 9.86 e+2\\ 9.$	$\begin{array}{c} 25\\ \hline 5.19e+2\\ \hline 6.42e+2\\ \hline 6.42e+2\\ \hline 6.73e+2\\ \hline 7.20e+2\\ \hline 7.20e+2\\ \hline 1.16e+3\\ \hline 7.05e+2\\ \hline 1.27e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.18e+2\\ \hline 2.18e+2\\ \hline 2.18e+2\\ \hline 2.18e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ $
FES 1e3 1e4 1e5 5e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ $19^{th}$ med. $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ $19^{th}$ 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2.33e+1\\ 8.68e+0\\ 3.86e+0\\ 4.99e+0\\ 5.40e+0\\ 5.40e+0\\ 5.48e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 7.29e+0\\ 4.25e+0\\ 4.89e+0\\ \end{array}$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.00e-1\\ 2.32e+1\\ 2.36e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.30e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.32e+1\\ 2.30e+1\\ 2.30e+1\\ 2.30e+1\\ 2.30e+1\\ 2.32e+1\\ 2$	$\begin{array}{c} 15\\ 5.73e+2\\ 8.39e+2\\ 8.39e+2\\ 9.23e+2\\ 9.23e+2\\ 9.49e+2\\ 9.85e+1\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 4.62e+2\\ 2.23e+2\\ 4.22e+2\\ 5.79e+1\\ 2.00e+2\\ 2.33e+2\\ 2.77e+2\\ 3.48e+2\\ 2.50e+2\\ 4.92e+1\\ 2.00e+2\\ 2$	$\begin{array}{c} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.21e+2\\ 3.24e+1\\ 4.50e+1\\ 4.50e+1\\ 4.50e+1\\ 1.63e+2\\ 6.50e+1\\ 1.26e+1\\ 1.26e+1\\ 1.26e+1\\ 1.26e+1\\ 1.25e+1\\ 4.14e+1\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.06e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 3.08e+\\ 1.55e+\\ 9.79e+\\ 1.23e+\\ 1.61e+\\ 5.92e+\\ 2.36e+\\ 1.23e+\\ 1.2$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 1.15e+3\\ \hline 2 & 9.17e+2\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.24e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16$	$\begin{array}{c} 19\\ \hline \\3 & 1.00e+3\\ \hline \\3 & 1.03e+3\\ \hline \\3 & 1.08e+3\\ \hline \\3 & 1.18e+3\\ \hline \\3 & 1.18e+3\\ \hline \\3 & 1.18e+3\\ \hline \\3 & 1.18e+3\\ \hline \\4 & 97e+1\\ \hline \\2 & 9.16e+2\\ \hline \\2 & 9.20e+2\\ \hline \\2 & 9.22e+2\\ \hline \\2 & 9.12e+2\\ \hline \\2 & 9.15e+2\\ \hline \\2 & 9.12e+2\\ \hline \\2 & 9.13e+2\\ \hline \end{array}$	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 1.07e+3\\ \hline 1.07e+3\\ \hline 1.04e+3\\ \hline 2.15e+2\\ \hline 2.13e+2\\ $	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 8.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.58e+2\\ 8.51e+2\\ 8.51e+2\\ 8.62e+2\\ 8$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1$	$\begin{array}{c} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.11e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 1.09e+3\\ 1.09e+3\\ 1.01e+3\\ 1.01e+3\\ 9.72e+2\\ 1.01e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.96e+2\\ 9.90e+2\\ 9.95e+2\\ 1.01e+3\\ 9.60e+2\\ 1.59e+2\\ 2.00e+2\\ 9.95e+2\\ 1.59e+2\\ 2.00e+2\\ 9.95e+2\\ 1.59e+2\\ 9.96e+2\\ 9.92e+2\\ 9$	$\begin{array}{c} 25\\ \hline 5.19e+2\\ \hline 6.42e+2\\ \hline 6.42e+2\\ \hline 6.73e+2\\ \hline 7.20e+2\\ \hline 1.16e+3\\ \hline 7.05e+2\\ \hline 1.27e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.18e+2\\ \hline 2.18e+2\\ \hline 2.22e+2\\ \hline 2.18e+2\\ \hline 2.22e+2\\ \hline 2.18e+2\\ \hline 2.22e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ \hline 2.16e+2\\ $
FES 1e3 1e4 1e5 5e5	Prob. min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ med. $19^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ med.	$\begin{array}{c} 13\\ 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 3.14e+5\\ 9.25e+4\\ 7.50e+4\\ 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 5.11e+0\\ 4.99e+0\\ 5.38e+0\\ 7.29e+0\\ 5.48e+0\\ 7.29e+0\\ 5.48e+0\\ 7.29e+0\\ 5.48e+0\\ 7.29e+0\\ 4.25e+0\\ 4.25e+0\\ 4.89e+0\\ 5.37e+0\\ \hline\end{array}$	$\begin{array}{c} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.41e+1\\ 2.42e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.37e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.32e+1\\ 2.37e+1\\ 2.32e+1\\ 2.37e+1\\ 2$	$\begin{array}{r} 15\\ 5.73e+2\\ 8.39e+2\\ 8.39e+2\\ 9.23e+2\\ 9.23e+2\\ 9.23e+2\\ 9.49e+2\\ 8.49e+2\\ 8.49e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ 2.32e+2\\ 2.23e+2\\ 2.20e+2\\ 2.37e+2\\ 2.37e+2\\ 2.37e+2\\ 2.37e+2\\ 2.37e+2\\ 2.37e+2\\ 2.36e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 2.00e+2\\ 3.00e+2\\ 3$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.22e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.21e+2\\ 3.24e+1\\ 4.09e+1\\ 4.50e+1\\ 4.50e+1\\ 3.89e+1\\ 1.649e+1\\ 1.649e+1\\ 1.649e+1\\ 1.63e+2\\ 6.50e+1\\ 3.89e+1\\ 1.26e+1\\ 1.22e+1\\ 1.32e+2\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.06e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 1.05e+\\ 3.08e+\\ 1.55e+\\ 9.79e+\\ 1.23e+\\ 1.61e+\\ 2.36e+\\ 1.59e+\\ 9.79e+\\ 1.23e+\\ 1.61e+\\ 2.69e+\\ 5.92e+\\ \end{array}$	$\begin{array}{c} 18\\ \hline 2 & 1.01e+3\\ \hline 2 & 1.04e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.08e+3\\ \hline 2 & 1.07e+3\\ \hline 1 & 3.36e+1\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.13e+2\\ \hline 2 & 9.23e+2\\ \hline 2 & 9.23e+2\\ \hline 2 & 9.25e+2\\ \hline 2 & 9.26e+2\\ \hline 2 & 9.14e+2\\ \hline 2 & 9.16e+2\\ \hline 2 & 9.16$	$\begin{array}{c} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 1,18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.18e+3\\ \hline 3,1.08e+3\\ \hline 1,18e+3\\ \hline 3,1.08e+3\\ \hline 1,18e+3\\ \hline 2,18e+2\\ \hline 2,20e+2\\ \hline 2,21e+2\\ \hline$	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 3.1.04e+3\\ \hline 4.68e+1\\ \hline 9.13e+2\\ \hline 9.13e+2\\ \hline 9.23e+2\\ \hline 9.13e+2\\ \hline 9.13e+$	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.07e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 8.58e+2\\ 8.34e+2\\ 8.51e+2\\ 8.62e+2\\ 8.50e+2\\ 1.89e+1\\ 7.95e+2\\ 7.99e+2\\ 7.99e+2\\ 8.03e+2\\ 8.08e+2\\ 8.39e+2\\ 8.39e+2\\ \end{array}$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1.01e+3\\ 1.02e+3\\ 1$	$\begin{array}{r} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.29e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 1.09e+3\\ 1.02e+3\\ 1.01e+3\\ 1.02e+3\\ 1.02e+3\\ 1.02e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.95e+2\\ 1.01e+3\\ 9.60e+2\\ 9.95e+2\\ 1.59e+2\\ 2.00e+2\\ 9.95e+2\\ 1.59e+2\\ 2.00e+2\\ 9.95e+2\\ 1.01e+3\\ 9.60e+2\\ 9.92e+2\\ 1.00e+3\\ 1$	$\begin{array}{c} 25\\ \hline 5.19e+2\\ \hline 6.42e+2\\ \hline 6.42e+2\\ \hline 6.73e+2\\ \hline 7.20e+2\\ \hline 7.20e+2\\ \hline 7.05e+2\\ \hline 1.16e+3\\ \hline 7.05e+2\\ \hline 2.15e+2\\ \hline 2.15e+2\\ \hline 2.18e+2\\ \hline 2.16e+2\\ \hline 2.15e+2\\ $
FES 1e3 1e4 1e5 5e5	Prob. min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ med. $19^{th}$ max mean std min $7^{th}$ med. $19^{th}$ mean std min $7^{th}$ mean mean std min $7^{th}$ mean mean std min $7^{th}$ mean std min $7^{th}$ mean std	$\begin{array}{c} 13\\ \hline 5.38e+3\\ 4.10e+4\\ 7.53e+4\\ 1.13e+5\\ 9.25e+4\\ 7.50e+4\\ \hline 5.11e+0\\ 6.69e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ 8.07e+0\\ \hline 5.11e+0\\ 4.99e+0\\ 5.48e+0\\ \hline 7.29e+0\\ \hline 5.48e+0\\ \hline 5.48e+0\\ \hline 5.48e+0\\ \hline 5.48e+0\\ \hline 5.37e+0\\ \hline 4.59e+0\\ \hline 5.37e+0\\ \hline 4.59e+0\\ \hline \end{array}$	$\begin{array}{r} 14\\ 2.37e+1\\ 2.39e+1\\ 2.41e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.42e+1\\ 2.37e+1\\ 2.32e+1\\ 2.32e+1\\ 2.37e+1\\ 2.32e+1\\ 2$	$\begin{array}{r} 15\\ \overline{5.73e+2}\\ 8.39e+2\\ 8.54e+2\\ 9.23e+2\\ 9.23e+2\\ 9.49e+2\\ \overline{8.49e+2}\\ 8.49e+2\\ \overline{3.32e+2}\\ 3.32e+2\\ 3.75e+2\\ 4.14e+2\\ 4.62e+2\\ \overline{5.23e+2}\\ 5.23e+2\\ \overline{5.23e+2}\\ 2.52e+2\\ \overline{5.79e+1}\\ 2.00e+2\\ 2.33e+2\\ 2.57e+2\\ 4.92e+1\\ 2.00e+2\\ 2$	$\begin{array}{r} 16\\ 3.73e+2\\ 4.33e+2\\ 4.78e+2\\ 5.22e+2\\ 6.52e+2\\ 4.81e+2\\ 7.05e+1\\ 7.05e+1\\ 1.01e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 1.23e+2\\ 3.24e+1\\ 4.09e+1\\ 4.09e+1\\ 4.09e+1\\ 4.09e+1\\ 1.63e+2\\ 6.50e+1\\ 3.89e+1\\ 1.26e+1\\ 1.26e+1\\ 1.26e+1\\ 1.26e+1\\ 1.25e+1\\ 3.89e+1\\ 1.26e+1\\ 1.32e+2\\ 3.09e+1\\ \end{array}$	$\begin{array}{c} 17\\ 4.49e+\\ 5.06e+\\ 5.73e+\\ 6.27e+\\ 7.48e+\\ 7.48e+\\ 1.05e+\\ 1.70e+\\ 2.72e+\\ 4.40e+\\ 3.08e+\\ 1.55e+\\ 1.62e+\\ 3.08e+\\ 1.55e+\\ 1.69e+\\ 2.36e+\\ 1.59e+\\ 2.36e+\\ 1.23e+\\ 1.69e+\\ 2.36e+\\ 2.34e+\\ \end{array}$	$\begin{array}{c} 18\\ \hline \\ 2 & 1.01e+3\\ 2 & 1.04e+3\\ 2 & 1.06e+3\\ 2 & 1.08e+3\\ 2 & 1.07e+3\\ 2 & 1.07e+3\\ 1 & 3.36e+1\\ 2 & 9.13e+2\\ 2 & 9.13e+2\\ 2 & 9.29e+2\\ 2 & 9.18e+2\\ 2 & 9.16e+2\\ 2 &$	$\begin{array}{r} 19\\ \hline 1,00e+3\\ \hline 1,03e+3\\ \hline 1,08e+3\\ \hline 1,08e+3\\ \hline 1,10e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 3,1.08e+3\\ \hline 4,97e+1\\ \hline 2,9.16e+2\\ \hline 2,9.20e+2\\ \hline 2,9.22e+2\\ \hline 2,9.12e+2\\ \hline 2,9.$	$\begin{array}{c} 20\\ \hline 9.69e+2\\ \hline 1.01e+3\\ \hline 1.04e+3\\ \hline 2.04e+2\\ \hline 9.13e+2\\ \hline 9.22e+2\\ \hline 9.22e+2\\ \hline 9.22e+2\\ \hline 9.22e+2\\ \hline 9.22e+2\\ \hline 9.13e+2\\ $	$\begin{array}{c} 21\\ 1.04e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.05e+3\\ 1.01e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.01e+3\\ 1.00e+3\\ 1$	$\begin{array}{c} 22\\ 1.09e+3\\ 1.15e+3\\ 1.18e+3\\ 1.23e+3\\ 1.23e+3\\ 1.20e+3\\ 3.58e+1\\ 9.38e+2\\ 9.58e+2\\ 9.58e+2\\ 9.58e+2\\ 9.67e+2\\ 9.67e+2\\ 9.67e+2\\ 9.88e+2\\ 9.67e+2\\ 1.34e+1\\ 8.12e+2\\ 8.34e+2\\ 8.51e+2\\ 8.34e+2\\ 8.51e+2\\ 8.51e+2\\ 8.34e+2\\ 8.50e+2\\ 1.89e+1\\ 7.95e+2\\ 7.99e+2\\ 8.03e+2\\ 8.03e+2\\ 8.03e+2\\ 8.05e+2\\ 8$	$\begin{array}{c} 23\\ 1.04e+3\\ 1.05e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.06e+3\\ 1.02e+3\\ 1.01e+3\\ 1$	$\begin{array}{c} 24\\ 1.03e+3\\ 1.06e+3\\ 1.09e+3\\ 1.09e+3\\ 1.29e+3\\ 1.29e+3\\ 1.09e+3\\ 1.09e+3\\ 1.02e+3\\ 1.01e+3\\ 1.01e+3\\ 1.02e+3\\ 1.02e+3\\ 9.72e+2\\ 1.61e+2\\ 2.00e+2\\ 9.96e+2\\ 9.90e+2\\ 9.90e+2\\ 1.59e+2\\ 2.00e+2\\ 9.96e+2\\ 1.59e+2\\ 2.00e+2\\ 9.96e+2\\ 9.92e+2\\ 1.01e+3\\ 9.60e+2\\ 1.59e+2\\ 2.00e+2\\ 9.92e+2\\ 1.00e+3\\ 9.55e+2\\ 3.55e+2\\ 1.00e+3\\ 9.55e+2\\ 1.00e+3\\ 1$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

Table 7: Best objective function error values reached in dimension n = 50, see caption of Table 5 for details <u>FES</u>[Prob.] 1 2 3 4 5 6 7 8 9 10 11 12 min 5 760+3 7 220+5 1 900+9 2 780+6 2 240+4 4 630+8 4 950+2 2 120+1 4 610+2 5 210+2 7 460+1 6 550+6

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