**Table S1.1.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S1** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT- AMaLGaM	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT- AMaLGaM
T <sub>1</sub>	median	2.62e-01	8.66e-24 (+)	2.80e-01	7.67e-23 (+)	T <sub>26</sub>	median	2.63e-01	8.86e-24 (+)	2.73e-01	7.19e-23 (+)
-1	mean	2.63e-01	2.09e-23	2.80e-01	7.90e-23	1 20	mean	2.62e-01	2.08e-23	2.75e-01	7.96e-23
	std	2.36e-02	3.76e-23	2.35e-02	1.58e-23		std	2.71e-02	3.73e-23	2.29e-02	2.12e-23
T <sub>2</sub>	median	2.64e-01	8.86e-24 (+)	2.59e-01	7.56e-23 (+)	T <sub>27</sub>	median	2.72e-01	8.59e-24 (+)	2.70e-01	7.40e-23 (+)
	mean	2.62e-01	2.14e-23	2.63e-01	8.29e-23	- 21	mean	2.73e-01	6.21e-22	2.67e-01	7.41e-23
	std	3.02e-02	3.88e-23	2.78e-02	2.32e-23		std	2.80e-02	3.29e-21	3.32e-02	1.24e-23
$T_3$	median	2.66e-01	8.85e-24 (+)	2.77e-01	7.81e-23 (+)	T <sub>28</sub>	median	2.80e-01	8.94e-24 (+)	2.76e-01	7.58e-23 (+)
	mean	2.70e-01	2.16e-23	2.79e-01	8.32e-23		mean	2.75e-01	2.16e-23	2.77e-01	8.05e-23
	std	2.24e-02	3.94e-23	2.84e-02	1.62e-23		std	2.37e-02	3.94e-23	2.39e-02	1.50e-23
$T_4$	median	2.62e-01	9.16e-24 (+)	2.75e-01	7.68e-23 (+)	T <sub>29</sub>	median	2.64e-01	8.85e-24 (+)	2.74e-01	7.59e-23 (+)
	mean	2.66e-01	2.16e-23	2.81e-01	8.38e-23		mean	2.69e-01	2.10e-23	2.72e-01	8.03e-23
	std	2.51e-02	3.88e-23	2.82e-02	2.22e-23		std	2.53e-02	3.72e-23	2.03e-02	1.85e-23
$T_5$	median	2.68e-01	8.61e-24 (+)	2.80e-01	7.73e-23 (+)	$T_{30}$	median	2.74e-01	8.91e-24 (+)	2.84e-01	7.76e-23 (+)
	mean	2.68e-01	2.20e-23	2.76e-01	8.38e-23		mean	2.70e-01	2.16e-23	2.76e-01	7.97e-23
	std	2.14e-02	4.15e-23	2.14e-02	2.74e-23		std	2.36e-02	3.97e-23	2.39e-02	1.77e-23
$T_6$	median	2.71e-01	8.83e-24 (+)	2.81e-01	8.12e-23 (+)	$T_{31}$	median	2.68e-01	9.29e-24 (+)	2.76e-01	7.65e-23 (+)
	mean	2.68e-01	2.11e-23	2.79e-01	8.39e-23		mean	2.68e-01	3.48e-12	2.76e-01	8.28e-23
T <sub>7</sub>	std	3.20e-02	3.80e-23	2.71e-02	1.79e-23	т	std	1.66e-02	1.91e-11	3.24e-02	2.77e-23
17	median	2.67e-01	8.64e-24 (+)	2.75e-01	8.00e-23 (+)	T <sub>32</sub>	median	2.68e-01	9.04e-24 (+)	2.86e-01	8.04e-23 (+)
	mean std	2.66e-01 2.64e-02	2.14e-10 1.17e-09	2.76e-01 2.67e-02	8.52e-23 2.01e-23		mean std	2.61e-01 3.22e-02	3.20e-09 1.75e-08	2.79e-01 2.79e-02	8.84e-23 2.31e-23
T <sub>8</sub>	median	2.64e-02 2.74e-01	8.90e-24 (+)	2.67e-02 2.67e-01	7.97e-23 (+)	T <sub>33</sub>	median	2.78e-01	9.02e-24 (+)	2.79e-02 2.79e-01	7.81e-23 (+)
18	mean	2.74e-01 2.70e-01	2.14e-23	2.69e-01	8.76e-23	1 33	mean	2.76e-01 2.76e-01	2.13e-23	2.77e-01 2.77e-01	7.92e-23
	std	2.70c-01 2.24e-02	3.86e-23	2.09c-01 2.27e-02	3.19e-23		std	2.70c-01 2.37e-02	3.82e-23	1.95e-02	1.02e-23
T <sub>9</sub>	median	2.68e-01	8.62e-24 (+)	2.80e-01	8.03e-23 (+)	T <sub>34</sub>	median	2.79e-01	8.72e-24 (+)	2.94e-01	8.03e-23 (+)
	mean	2.69e-01	2.13e-23	2.81e-01	8.44e-23	J-1	mean	2.75e-01	2.15e-23	2.85e-01	8.22e-23
	std	2.81e-02	3.90e-23	2.94e-02	2.06e-23		std	2.50e-02	3.97e-23	3.01e-02	1.31e-23
$T_{10}$	median	2.73e-01	8.91e-24 (+)	2.87e-01	8.29e-23 (+)	T <sub>35</sub>	median	2.65e-01	8.68e-24 (+)	2.73e-01	7.39e-23 (+)
	mean	2.70e-01	2.08e-23	2.78e-01	8.92e-23		mean	2.63e-01	2.14e-23	2.79e-01	8.07e-23
	std	2.65e-02	3.68e-23	2.41e-02	2.25e-23		std	2.83e-02	3.91e-23	2.55e-02	2.19e-23
T <sub>11</sub>	median	2.76e-01	9.14e-24 (+)	2.77e-01	7.60e-23 (+)	T <sub>36</sub>	median	2.63e-01	8.97e-24 (+)	2.87e-01	7.57e-23 (+)
	mean	2.73e-01	2.13e-23	2.70e-01	7.99e-23		mean	2.63e-01	2.13e-23	2.81e-01	7.81e-23
- T	std	2.63e-02	3.77e-23	2.61e-02	2.23e-23	T.	std	2.32e-02	3.80e-23	2.56e-02	1.87e-23
T <sub>12</sub>	median	2.72e-01	8.88e-24 (+)	2.62e-01	7.54e-23 (+)	T <sub>37</sub>	median	2.66e-01	8.75e-24 (+)	2.86e-01	7.71e-23 (+)
	mean std	2.67e-01 3.14e-02	2.06e-23 3.63e-23	2.64e-01 3.00e-02	8.08e-23 2.42e-23		mean std	2.68e-01 2.49e-02	2.11e-23 3.80e-23	2.79e-01 3.80e-02	8.21e-23 1.98e-23
T <sub>13</sub>	median	2.79e-01	8.86e-24 (+)	2.69e-01	7.77e-23 (+)	T <sub>38</sub>	median	2.49e-02 2.77e-01	8.87e-24 (+)	2.73e-01	7.65e-23 (+)
113	mean	2.79e-01	2.20e-23	2.69e-01	7.91e-23	1 38	mean	2.70e-01	2.16e-23	2.75e-01	8.59e-23
	std	2.24e-02	4.03e-23	2.85e-02	1.39e-23		std	2.72e-02	3.91e-23	2.32e-02	2.49e-23
T <sub>14</sub>	median	2.67e-01	9.10e-24 (+)	2.82e-01	7.18e-23 (+)	T <sub>39</sub>	median	2.77e-01	8.90e-24 (+)	2.65e-01	8.36e-23 (+)
	mean	2.71e-01	2.16e-23	2.79e-01	8.30e-23	-	mean	2.74e-01	2.18e-23	2.70e-01	8.58e-23
	std	2.29e-02	3.82e-23	3.11e-02	2.39e-23		std	2.90e-02	4.03e-23	2.70e-02	2.15e-23
$T_{15}$	median	2.73e-01	8.71e-24 (+)	2.75e-01	7.08e-23 (+)	$T_{40}$	median	2.62e-01	9.16e-24 (+)	2.78e-01	7.68e-23 (+)
	mean	2.70e-01	2.14e-23	2.74e-01	7.34e-23		mean	2.62e-01	2.37e-21	2.73e-01	8.02e-23
	std	3.16e-02	3.92e-23	2.41e-02	1.41e-23		std	2.87e-02	1.29e-20	2.35e-02	1.88e-23
T <sub>16</sub>	median	2.66e-01	8.81e-24 (+)	2.78e-01	7.95e-23 (+)	$T_{41}$	median	2.75e-01	8.75e-24 (+)	2.90e-01	7.89e-23 (+)
	mean	2.71e-01	5.43e-11	2.79e-01	8.07e-23		mean	2.75e-01	1.31e-08	2.87e-01	8.38e-23
Т	std	2.81e-02	2.98e-10	2.38e-02 2.81e-01	1.71e-23	т	std median	2.53e-02	7.16e-08	2.40e-02	1.96e-23
T <sub>17</sub>	median mean	2.62e-01 2.63e-01	8.92e-24 (+) 2.16e-23	2.77e-01	7.62e-23 (+) 8.16e-23	T <sub>42</sub>	mean	2.68e-01 2.64e-01	8.83e-24 (+) 1.59e-11	2.64e-01 2.69e-01	7.85e-23 (+) 8.31e-23
	std	2.64e-02	3.93e-23	2.77e-01 2.74e-02	1.83e-23		std	2.23e-02	8.72e-11	2.83e-02	2.12e-23
	median	2.80e-01	8.70e-24 (+)	2.74e-02 2.76e-01	7.71e-23 (+)		median	2.74e-01	8.96e-24 (+)	2.72e-01	7.63e-23 (+)
- 10	mean	2.72e-01	2.19e-23	2.41e-02	1.99e-23	- 43	mean	2.74e-01	1.86e-23	2.72e-01 2.73e-01	8.33e-23
	std	2.98e-02	4.06e-23	2.77e-01	7.67e-23		std	2.30e-02	3.07e-23	2.96e-02	2.36e-23
T <sub>19</sub>	median	2.78e-01	9.04e-24 (+)	2.75e-01	7.92e-23 (+)	T <sub>44</sub>	median	2.71e-01	8.95e-24 (+)	2.82e-01	7.32e-23 (+)
	mean	2.75e-01	1.01e-13	2.77e-02	1.21e-23		mean	2.70e-01	2.16e-23	2.71e-01	8.06e-23
	std	2.36e-02	5.53e-13	2.78e-01	7.94e-23		std	2.88e-02	3.92e-23	3.30e-02	1.79e-23
$T_{20}$	median	2.63e-01	9.14e-24 (+)	2.76e-01	8.25e-23 (+)	T <sub>45</sub>	median	2.77e-01	8.90e-24 (+)	2.79e-01	8.51e-23 (+)
	mean	2.62e-01	2.26e-23	2.76e-02	1.89e-23	·	mean	2.72e-01	2.70e-14	2.74e-01	9.33e-23
	std	3.39e-02	4.21e-23	2.79e-01	7.68e-23		std	3.33e-02	1.48e-13	3.29e-02	2.76e-23
T <sub>21</sub>	median	2.70e-01	8.74e-24 (+)	2.75e-01	8.44e-23 (+)	T <sub>46</sub>	median	2.73e-01	9.05e-24 (+)	2.75e-01	7.99e-23 (+)
	mean	2.65e-01	2.21e-23	2.50e-02	2.62e-23		mean	2.72e-01	2.14e-23	2.80e-01	8.14e-23
т	std median	2.66e-02	4.11e-23	2.75e-01	7.80e-23	т	std	2.81e-02 2.75e-01	3.87e-23	2.32e-02	1.11e-23
T <sub>22</sub>	median mean	2.56e-01 2.55e-01	9.00e-24 (+) 2.16e-23	2.74e-01 2.20e-02	8.44e-23 (+) 2.60e-23	T <sub>47</sub>	median mean	2.75e-01 2.75e-01	9.06e-24 (+) 2.13e-23	2.74e-01	7.93e-23 (+) 8.45e-23
	std	2.33e-01 2.94e-02	3.92e-23	2.20e-02 2.81e-01	7.44e-23		mean std	2.73e-01 2.34e-02	3.80e-23	2.73e-01 4.39e-02	2.03e-23
T <sub>23</sub>	median	2.76e-01	8.60e-24 (+)	2.81e-01 2.74e-01	7.44e-23 7.73e-23 (+)	T <sub>48</sub>	median	2.74e-02	8.96e-24 (+)	2.79e-01	7.56e-23 (+)
1 23	mean	2.70e-01 2.72e-01	2.01e-23	3.54e-02	2.06e-23	1 48	mean	2.74e-01 2.73e-01	7.23e-07	2.79e-01 2.75e-01	8.12e-23
	std	2.84e-02	3.54e-23	2.77e-01	7.66e-23		std	2.72e-02	3.96e-06	3.55e-02	2.08e-23
T <sub>24</sub>	median	2.67e-01	9.07e-24 (+)	2.77e-01 2.75e-01	8.08e-23 (+)	T <sub>49</sub>	median	2.66e-01	8.79e-24 (+)	2.90e-01	7.51e-23 (+)
- 24	mean	2.66e-01	2.10e-23	2.93e-02	1.91e-23	- 47	mean	2.65e-01	2.19e-23	2.82e-01	7.97e-23
	std	2.29e-02	3.77e-23	2.84e-01	7.50e-23		std	2.60e-02	4.04e-23	2.84e-02	1.56e-23
T <sub>25</sub>	median	2.67e-01	8.87e-24 (+)	2.79e-01	7.79e-23 (+)	T <sub>50</sub>	median	2.73e-01	8.81e-24 (+)	2.81e-01	8.09e-23 (+)
	mean	2.65e-01	2.78e-15	3.60e-02	2.02e-23		mean	2.70e-01	9.04e-17	2.79e-01	8.91e-23
	std	2.59e-02	1.52e-14	2.76e-01	7.71e-23		std	2.43e-02	4.95e-16	2.46e-02	2.64e-23

**Table S1.2.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S2** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

1888   1885   1886	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
mean   S08c-01   J99c-03   J93c-01   S64c-01   mean   J88c-01   J24c-03   J93c-04   S12c-03   J83c-04   S12c-04   J12c-04												
Math   Mathematics   Mathema	11						1 26					
Ty   median   S.Sec101   J.Sec202   Sect.   S. Sect.			0.00- 0-									
	т						т					
add	12						1 27					
Transcalar												
mean   R.23e-01   Jose-03   Jose-04   Syse-01   mean   Type-05   Jose-03   Jose-04   Log-04	т						т					
Bell	13						1 28					
T.   median   7.97e101   2.22e-02 (c)   5.06e-01   4.17e-01 (c)   T.   median   8.02e-01   5.01e-01   7.08e-01   7.09e-01   5.07e-01   5.07e-												
March   Marc	Т.						Т.,					
Set of the content	14						1 29					. ( )
Tr. median   S.Seriol   1,42e-02 (c)   7,03e-01   7,01e-01   7,09e-01   7,0												
mean   8.54e+01   8.29e+03   7.02e+01   7.09e+01   mean   8.24e+01   8.76e+02   7.02e+01   1.76e+03   1.07e+02   1.07e+03   1.07e+	T <sub>c</sub>						T20					
Std   S48c+00   2.03c+04   2.15c+00   7.20c+01   Std   S18c+00   1.20c+03   1.79c+00   1.07c+02   Machine   Machin	- 13						1 30					
T.   median   8.04e+01   1.51e+02 (e)   6.98e+01   4.85e+01   mean   8.16e+01   1.04e+03   6.99e+01   4.88e+01   8.08e+00   8.08e+00   1.99e+01   8.08e+01   8.08e+00   1.04e+03   8.08e+00   5.88e+01   8.08e+00   8.08e+00   8.08e+00   8.08e+00   8.08e+01   8.08e+01   8.08e+00   8.08e+01   8.08e+01   8.08e+01   8.08e+00   8.08e+01   8.08e+01   8.08e+01   8.08e+01   8.08e+01   8.08e+00   8.08e+01   8.08e+												
Sid	T <sub>6</sub>	median					T <sub>31</sub>	median				
Ty median   8,17e10   1.72e102 (c) 8.94e101   4.11e101 (e)   Ty median   8.39e101   2.9ee102 (c) 7.00e101   4.08e101 (e)		mean	8.05e+01	9.79e+02	6.93e+01	4.45e+01		mean	8.16e+01	1.04e+03	6.98e+01	5.88e+01
March   Marc		std	6.06e+00	1.96e+03	2.79e+00	1.97e+01		std	5.20e+00	1.60e+03	2.07e+00	6.60e+01
Sid   S, 17e+00   S, 56e+03   2,40e+00   S, 02e+01   March   T <sub>8</sub>   median   7.95e+01   1.95e+012   3.95e+01   March	$T_7$	median	8.17e+01	1.72e+02 (-)	6.94e+01	4.11e+01 (+)	T <sub>32</sub>	median	8.39e+01	2.96e+02 ( <b>–</b> )	7.00e+01	4.08e+01 (+)
T <sub>1</sub>   median   7.95e-01   9.07e-01   2.9e-01   4.9e-01   1.9e-01   1.7 <sub>3</sub>   median   8.05e-01   4.02e-02   8.8e-01   7.4e-01   8.02e-01   8.02e-01   4.1e-01   1.9e-03   5.9e-01   4.1e-01   1.8e-01   8.02e-01   4.02e-03   4.8e-01   7.4e-01   8.02e-03   4.0e-03   4.0e-03   4.8e-03   4.0e-03   4		mean	8.41e+01	1.30e+03	6.94e+01	5.75e+01		mean	8.44e+01	1.04e+03	6.99e+01	4.28e+01
Mean   \$0.2e+01   .19e+03   \$9.2e+01   .465e+01   mean   7.96e+01   \$0.2e+03   \$0.88e+01   \$7.4e+01   \$1.5e+01   \$1.5e+01   \$1.5e+00   \$0.2e+01   \$1.5e+00   \$0.4e+03   \$0.4e+03   \$0.4e+03   \$0.4e+03   \$0.4e+03   \$1.5e+04   \$0.4e+03   \$1.5e+04   \$0.4e+03   \$1.5e+04   \$0.4e+03   \$1.5e+04   \$0.4e+03   \$0.4e+						5.02e+01		std	5.04e+00	1.76e+03	2.06e+00	1.09e+01
Sid	$T_8$						T <sub>33</sub>					
Ty   median   R.31e+01   J.94e+02 (e) B.95e+01   R.14e+01 (e)   Tat   median   R.04e+01   R.72e+01   R.31e+01   Std   6.72e+00   D.32e+03   D.32e+01   D.32e+02 (e) B.72e+01   S.31e+01   Std   R.32e+00   S.32e+01   S.32e+01   S.32e+01   Std   R.32e+00   S.32e+01												
mean   8.41e-01   9.13e-02   6.97e-01   5.18e-01   mean   8.00e-01   8.72e-03   6.99e-01   6.31e-01     std   6.72e-00   6.03e-03   2.84e-00   2.84e-00   8.44e-01   std   4.82e-00   8.15e-04   6.26e-00   8.10e-01     Tin   median   8.06e-01   1.02e-02 (e) 6.97e-01   4.14e-01 (f)   Tix   median   7.91e-01   4.13e-02 (e) 6.95e-01   6.06e-01 (e)     std   4.69e-00   1.75e-04   1.84e-00   6.21e-01   std   4.20e-00   8.79e-03   1.86e-00   7.67e-01     std   4.69e-00   1.75e-04   1.84e-00   6.21e-01   std   4.20e-00   8.79e-03   1.86e-00   7.67e-01     Tin   median   8.12e-01   1.01e-02 (e) 7.09e-01   4.73e-01   std   4.20e-00   8.79e-03   1.86e-00   7.67e-01     mean   8.13e-01   2.29e-03   7.02e-01   4.73e-01   std   4.20e-00   8.79e-03   1.86e-00   7.67e-01     std   4.81e-00   8.91e-03   2.19e-00   1.92e-01   std   4.20e-00   8.79e-01   3.86e-01   7.48e-01   6.94e-01												
Sid   5.72e+00   2.03e+03   2.84e+01   Sid   4.82e+00   3.15e+04   2.63e+00   3.10e+01   1.02e+02   6.97e+01   4.14e+01   (+)   T <sub>35</sub>   median   7.9e+01   4.32e+03   6.92e+01   7.70e+01   Sid   4.69e+00   7.76e+01   7.70e+01   Sid   4.69e+00   7.76e+01   7.70e+01   Sid   4.69e+00   7.76e+01   7.70e+01   Sid   4.69e+00   7.76e+01   7.70e+01   7.70e+	T <sub>9</sub>						T <sub>34</sub>					
Top   median   No6+01   No2+02 (≥) 697e+01   H.14e+01 (+)   T.35   median   T.91e+01   H.15e+03   S.92e+01   H.06e+01 (+)   T.70e+01   H.32e+03   S.92e+03   S.92e+03   N.76e+03   H.30e+00   S.92e+03   N.76e+03   N.76e+03   H.30e+00   S.92e+03   N.76e+03   N.76e+												
mean   R.06e+01   R.74e+03   R.95e+01   R.88e+01   mean   R.96e+01   R.95e+01   R.76e+01   R.96e+01   R.96e+												
Sid	$T_{10}$						$T_{35}$					,
T1												
mean	-						-					
Std	$T_{11}$						T <sub>36</sub>					
T13												
mean	т						т					
State	1 12						1 37					
Tigorian   R.   Median   R.   Median   R.   See   Ol.   (+)   Tas   median   R.   See   Ol.   (+)   See   Ol.   (+)   See   Ol.   See												
mean	Т						Т					
Std   S18e+00   2.08e+03   2.92e+00   3.28e+01   std   4.93e+00   6.24e+03   2.72e+00   4.30e+01   mean   8.07e+01   3.99e+03   7.03e+01   6.01e+01   mean   8.44e+01   1.35e+02   c) 7.04e+01   4.99e+01   (+) mean   8.07e+01   3.99e+03   7.03e+01   6.01e+01   mean   8.46e+01   8.22e+02   7.04e+01   4.99e+01   (+) mean   8.46e+01   8.22e+02   7.04e+01   4.99e+01   (+) mean   8.36e+01   2.48e+02   c) 7.01e+01   4.06e+01   (+) mean   8.32e+01   3.25e+02   (-) 7.05e+01   4.11e+01   (+) mean   8.50e+01   2.00e+03   7.07e+01   5.88e+01   mean   8.32e+01   4.09e+03   7.05e+01   4.11e+01   (+) mean   8.04e+01   2.06e+02   (-) 7.02e+01   4.10e+01   (+) mean   8.32e+01   4.09e+03   7.05e+01   4.11e+01   (+) mean   8.14e+01   2.06e+02   (-) 7.02e+01   4.00e+01   (+) mean   8.14e+01   2.19e+03   7.05e+01   4.00e+01   (+) mean   8.14e+01   2.19e+03   7.05e+01   4.09e+01   (+) mean   8.14e+01   2.19e+03   7.05e+01   4.09e+01   (+) mean   8.13e+01   1.72e+03   7.04e+01   7.04e+0	1 13						1 38					
T <sub>14</sub>   median   8.06e+01   1.50e+02 (≈) 7.01e+01   4.06e+01 (+)   T <sub>39</sub>   median   8.44e+01   1.35e+02 (≈) 7.04e+01   4.99e+01 (+)   mean   8.07e+01   3.99e+03   7.03e+01   8.01e+01   mean   8.46e+01   8.22e+02   7.04e+01   4.99e+01   4.99e+01   mean   8.36e+01   3.06e+04   2.21e+00   4.39e+01   std   7.14e+00   1.51e+03   2.68e+00   2.86e+01   2.08e+00   2.86e+01   mean   8.02e+01   3.02e+01   3.02e+01   5.88e+01   mean   8.32e+01   4.09e+02 (~) 7.05e+01   5.88e+01   mean   8.32e+01   4.09e+03   7.05e+01   5.48e+01   mean   8.04e+01   2.09e+02 (~) 7.02e+01   4.09e+01 (+)   T <sub>41</sub>   median   8.56e+01   1.48e+02 (~) 7.03e+01   4.31e+01 (+)   mean   8.14e+01   2.19e+03   7.05e+01   4.98e+01   mean   8.76e+01   1.94e+03   6.98e+01   7.07e+01   std   4.64e+00   8.81e+03   2.24e+00   3.83e+01   std   8.09e+01   6.64e+02 (~) 7.04e+01   4.09e+01 (+)   T <sub>42</sub>   median   8.09e+01   6.64e+02 (~) 7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.32e+01   4.09e+00   6.47e+03   2.03e+00   8.86e+01   mean   8.13e+01   3.72e+03   7.06e+01   4.09e+01 (+)   T <sub>42</sub>   median   8.7e+01   4.09e+00   6.47e+03   2.03e+00   8.86e+01   mean   8.13e+01   3.72e+03   7.06e+01   4.09e+01 (+)   T <sub>43</sub>   median   8.7e+01   4.09e+02 (~) 7.00e+01   4.09e+01 (~)   mean   8.32e+01   9.98e+02   6.92e+01   7.12e+01   mean   8.10e+01   5.01e+03   7.05e+01   7.00e+01   4.09e+01 (~)   mean   8.00e+01   6.05e+01   6.05e+01   6.00e+01   6.00e+												
mean   8.07e+01   3.99e+03   7.03e+01   4.0e+01   std   5.16e+00   1.36e+04   2.21e+00   4.39e+01   std   5.16e+00   1.36e+04   2.21e+00   4.39e+01   std   7.14e+00   1.51e+03   2.68e+00   2.86e+01   mean   8.32e+01   3.25e+02 (-) 7.05e+01   4.11e+01 (+)   mean   8.30e+01   2.48e+02 (e) 7.10e+01   4.06e+01 (+)   T <sub>40</sub>   median   8.23e+01   3.25e+02 (-) 7.05e+01   4.11e+01 (+)   mean   8.50e+01   2.00e+03   7.07e+01   5.88e+01   std   5.11e+00   5.82e+01   std   5.11e+00   5.42e+01   std   5.11e+00	T14						T20					
Std   \$1.6e+00   1.36e+04   2.21e+00   4.39e+01   Std   7.14e+00   1.51e+03   2.68e+00   2.86e+01   H.11e+01 (†)	114						1 39					
T <sub>15</sub>   median   8.43e+01   2.48e+02 (≈) 7.10e+01   4.06e+01 (+)   T <sub>40</sub>   median   8.23e+01   3.25e+02 (-) 7.05e+01   4.11e+01 (+)   mean   8.50e+01   2.00e+03   7.07e+01   5.88e+01   mean   8.32e+01   4.09e+03   7.05e+01   5.48e+01   std   9.17e+00   5.82e+03   2.62e+00   2.88e+01   std   6.71e+00   1.00e+04   1.97e+00   1.41e+01   1.97e+01   1.41e+01   1.97e+01   1.41e+01   1.97e+01   1.41e+01   1.97e+01   1.41e+01   1.4												
mean   8.50e+01   2.00e+03   7.07e+01   5.88e+01   mean   8.32e+01   4.09e+03   7.05e+01   5.48e+01   median   8.04e+01   2.06e+02 (~) 7.02e+01   4.10e+01 (+)   T <sub>41</sub>   median   8.56e+01   1.48e+02 (~) 7.03e+01   4.31e+01 (+)   mean   8.14e+01   2.19e+03   7.05e+01   4.98e+01   mean   8.57e+01   1.94e+03   6.98e+01   7.07e+01   std   4.64e+00   5.81e+03   2.24e+00   3.83e+01   std   8.05e+00   6.10e+03   2.61e+00   5.32e+01   mean   8.79e+01   1.94e+03   6.98e+01   7.07e+01   mean   8.13e+01   3.72e+03   7.04e+01   4.09e+01 (+)   T <sub>42</sub>   median   8.07e+01   1.73e+02 (~) 7.02e+01   4.03e+01 (+)   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   2.53e+03   7.06e+01   7.42e+01   std   4.09e+00   6.47e+03   2.03e+00   8.86e+01   std   3.53e+00   6.94e+02 (~) 7.00e+01   4.07e+01   4.09e+01   4.14e+01 (+)   T <sub>43</sub>   median   8.12e+01   6.94e+02 (~) 7.00e+01   4.07e+01   4.09e+01	T <sub>15</sub>						T <sub>40</sub>	median				
T <sub>16</sub>   median   8.04e+01   2.06e+02 (-)   7.02e+01   4.10e+01 (+)   T <sub>41</sub>   median   8.56e+01   1.48e+02 (-)   7.03e+01   4.31e+01 (+)   mean   8.14e+01   2.19e+03   7.05e+01   4.98e+01   mean   8.57e+01   1.94e+03   6.98e+01   7.07e+01   std   4.64e+00   8.18e+03   2.24e+00   3.33e+01   std   8.05e+00   6.10e+03   2.61e+00   5.32e+01   3.2e+01   3.2e+01   3.3e+01   3.2e+01   3.2e+01   4.09e+01 (+)   T <sub>42</sub>   median   8.07e+01   1.73e+02 (-)   7.02e+01   4.03e+01 (+)   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.06e+01   7.42e+01   std   4.09e+00   6.47e+03   2.03e+00   8.86e+01   std   5.35e+00   6.19e+03   2.73e+00   1.20e+02   7.18e+01   4.2e+02 (-)   6.91e+01   4.14e+01 (+)   T <sub>43</sub>   median   8.12e+01   6.94e+02 (-)   7.00e+01   4.07e+01 (+)   mean   8.32e+01   9.98e+02   6.92e+01   7.12e+01   mean   8.10e+01   5.01e+03   7.05e+01   7.10e+01   4.07e+01 (+)   mean   7.95e+01   3.08e+02 (-)   7.01e+01   4.09e+01 (+)   T <sub>44</sub>   median   8.12e+01   8.0e+02 (-)   6.96e+01   4.07e+01 (+)   mean   7.99e+01   4.16e+03   7.00e+01   6.16e+01   mean   8.16e+01   9.19e+02   6.95e+01   4.07e+01 (+)   mean   8.04e+01   2.24e+03   6.92e+01   6.92e+01   mean   8.16e+01   9.19e+02   6.95e+01   5.94e+01   4.07e+01 (+)   mean   8.04e+01   2.24e+03   6.92e+01   6.92e+01   mean   8.16e+01   9.19e+02   6.95e+01   6.94e+01 (+)   mean   8.04e+01   2.24e+03   6.92e+01   6.92e+01   mean   8.16e+01   9.19e+02   6.95e+01   6.96e+01   6.91e+01   6	- 15	mean	8.50e+01	2.00e+03	7.07e+01	5.88e+01	10	mean		4.09e+03	7.05e+01	
mean   8.14e+01   2.19e+03   7.05e+01   4.98e+01   mean   8.57e+01   1.94e+03   6.98e+01   7.07e+01   std   4.64e+00   5.81e+03   2.24e+00   3.83e+01   std   8.05e+00   6.10e+03   2.61e+00   5.32e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   mean   8.13e+01   2.53e+03   7.06e+01   7.42e+01   std   4.09e+00   6.47e+03   2.03e+00   8.86e+01   std   3.55e+00   6.19e+03   2.73e+00   1.20e+02   mean   8.22e+01   9.98e+02   6.92e+01   7.12e+01   mean   8.10e+01   5.01e+03   7.05e+01   7.10e+01   std   4.81e+00   2.31e+03   2.93e+00   5.69e+01   std   5.08e+00   1.20e+02   1.71e+01   mean   7.99e+01   4.16e+03   7.00e+01   4.09e+01   + 144   meain   8.12e+01   1.80e+02   6.95e+01   4.70e+01   + 144   meain   7.99e+01   4.16e+03   7.00e+01   6.16e+01   mean   8.16e+01   9.19e+02   6.95e+01   5.94e+01   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   1.55e+02   6.99e+01   4.70e+01   + 144   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   1.55e+02   6.99e+01   4.70e+01   + 144   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   1.55e+02   6.99e+01   4.70e+01   + 144   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   1.55e+02   6.99e+01   4.70e+01   + 144   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   1.55e+02   6.99e+01   4.70e+01   + 144   mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   3.51e+03   6.93e+01   6.84e+01   mean   8.26e+01   1.09e+03   7.01e+01   4.04e+01   4.13e+01   4.13		std	9.17e+00	5.82e+03	2.62e+00	5.28e+01		std	6.71e+00	1.00e+04	1.97e+00	4.18e+01
Std   4.64e+00   5.81e+03   2.24e+00   3.83e+01   Std   8.05e+00   6.10e+03   2.61e+00   5.32e+01	T <sub>16</sub>	median	8.04e+01	2.06e+02 ( <b>-</b> )	7.02e+01	4.10e+01 (+)	T <sub>41</sub>	median	8.56e+01	1.48e+02 ( <b>-</b> )	7.03e+01	4.31e+01 (+)
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		mean	8.14e+01	2.19e+03	7.05e+01			mean	8.57e+01	1.94e+03	6.98e+01	7.07e+01
mean   8.13e+01   3.72e+03   7.04e+01   7.00e+01   5 mean   8.13e+01   2.53e+03   7.06e+01   7.42e+01     std   4.09e+00   6.47e+03   2.03e+00   8.86e+01   std   5.35e+00   6.19e+03   2.73e+00   1.20e+02     median   8.27e+01   1.42e+02 (—) 6.91e+01   4.14e+01 (+)   T <sub>43</sub>   median   8.12e+01   6.94e+02 (—) 7.00e+01   4.07e+01 (+)     mean   8.32e+01   9.98e+02   6.92e+01   7.12e+01   mean   8.12e+01   6.94e+02 (—) 7.0se+01   7.10e+01     std   4.81e+00   2.31e+03   2.93e+00   5.69e+01   std   5.08e+00   1.12e+04   1.71e+00   6.00e+01     T <sub>19</sub>   median   7.95e+01   3.08e+02 (—) 7.01e+01   4.09e+01 (+)   T <sub>44</sub>   median   8.12e+01   1.80e+02 (≈) 6.96e+01   4.07e+01 (+)     mean   7.99e+01   4.16e+03   7.00e+01   6.16e+01   mean   8.16e+01   1.99e+02 (≈) 6.96e+01   5.94e+01     std   4.95e+00   1.20e+04   1.88e+00   4.83e+01   std   5.11e+00   2.12e+03   2.93e+00   4.70e+01     T <sub>20</sub>   median   8.03e+01   6.63e+01 (≈) 6.91e+01   4.04e+01 (+)   T <sub>45</sub>   median   8.10e+01   1.55e+02 (—) 6.99e+01   4.12e+01 (+)     mean   8.04e+01   2.47e+03   6.92e+01   6.79e+01   mean   8.13e+01   3.51e+03   6.93e+01   6.84e+01     std   3.89e+00   6.23e+03   1.89e+00   6.72e+01   std   5.09e+00   9.54e+03   2.02e+00   7.75e+01     T <sub>21</sub>   median   8.24e+01   1.39e+02 (—) 7.04e+01   4.13e+01 (+)   T <sub>46</sub>   median   8.18e+01   2.36e+02 (—) 6.94e+01   4.09e+01 (+)     mean   8.26e+01   1.09e+03   7.01e+01   4.13e+01 (+)   T <sub>46</sub>   median   8.26e+01   5.40e+03   6.93e+01   7.62e+01     std   6.46e+00   2.94e+03   2.26e+00   3.08e+01   std   5.09e+00   5.4e+03   6.93e+01   7.62e+01     std   6.46e+00   1.79e+03   7.01e+01   5.74e+01   mean   8.26e+01   5.09e+02 (—) 7.03e+01   5.30e+01   (+)     mean   8.20e+01   2.89e+03   7.01e+01   5.74e+01   mean   8.26e+01   5.09e+02 (—) 7.03e+01   5.30e+01   (+)     mean   8.20e+01   3.09e+03   7.01e+01   4.13e+01 (+)   T <sub>48</sub>   median   8.24e+01   2.40e+02 (—) 7.03e+01   4.09e+01 (+)     mean   8.20e+01   3.89e+00   6.29e+01   4.09e+01 (+)   mean   8.26e+01   3.89e+00   6.96e+01   5.85e+01   6.96e+			4.64e+00			3.83e+01		std		6.10e+03		5.32e+01
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$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	T <sub>24</sub>	median					T <sub>49</sub>					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			8.12e+01			5.12e+01		mean		6.50e+02	6.96e+01	
mean 8.06e+01 1.76e+03 6.96e+01 6.21e+01 mean 8.20e+01 1.15e+03 7.04e+01 8.21e+01						2.42e+01		std		1.18e+03	2.56e+00	
	T <sub>25</sub>	median					T <sub>50</sub>	median				
ktd												
		std	4.98e+00	6.12e+03	2.85e+00	9.69e+01		std	6.87e+00	1.86e+03	2.04e+00	7.94e+01

**Table S1.3.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S3** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

								•			
Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
					AMaLGaM						AMaLGaM
$T_1$	median	3.33e+02	4.33e+01 (+)		4.23e+01 (+)	T <sub>26</sub>	median	3.32e+02	3.98e+01 (+)		4.78e+01 (+)
	mean	3.33e+02	4.25e+01		4.55e+01		mean	3.29e+02			4.69e+01
	std	1.40e+01	9.14e+00	1.85e+01	1.04e+01		std	1.65e+01	9.06e+00		8.45e+00
$T_2$	median	3.34e+02	4.08e+01 (+)		4.38e+01 (+)	T <sub>27</sub>	median	3.32e+02			4.97e+01 (+)
	mean	3.29e+02	4.18e+01	3.29e+02	4.42e+01		mean	3.30e+02	3.69e+01		4.87e+01
	std	1.67e+01	8.69e+00	1.30e+01	7.98e+00		std	1.24e+01	7.25e+00	1.26e+01	1.16e+01
$T_3$	median	3.30e+02	3.73e+01 (+)	3.36e+02	4.28e+01 (+)	$T_{28}$	median	3.33e+02	4.18e+01 (+)	3.30e+02	4.53e+01 (+)
	mean	3.30e+02	3.88e+01	3.33e+02	4.37e+01		mean	3.30e+02	4.16e+01	3.30e+02	4.47e+01
	std	1.09e+01	8.24e+00	1.51e+01	7.94e+00		std	1.61e+01	7.23e+00	1.23e+01	8.88e+00
$T_4$	median	3.23e+02	3.78e+01 (+)	3.29e+02	4.83e+01 (+)	T <sub>29</sub>	median	3.32e+02	3.65e+01 (+)	3.28e+02	4.43e+01 (+)
	mean	3.27e+02	3.81e+01	3.29e+02	4.73e+01		mean	3.27e+02	4.01e+01	3.27e+02	4.37e+01
	std	1.50e+01	5.96e+00	1.36e+01	8.36e+00		std	1.79e+01	1.17e+01		8.27e+00
T <sub>5</sub>	median	3.34e+02	4.43e+01 (+)		4.63e+01 (+)	T <sub>30</sub>	median	3.30e+02			5.02e+01 (+)
	mean	3.29e+02	4.26e+01	3.26e+02	4.78e+01	- 30	mean	3.28e+02	4.31e+01		4.91e+01
	std	1.50e+01	9.36e+00	1.33e+01	7.48e+00		std	1.65e+01	8.45e+00		9.55e+00
$T_6$	median	3.31e+02	4.18e+01 (+)		4.93e+01 (+)	T <sub>31</sub>	median	3.33e+02			4.53e+01 (+)
10	mean	3.29e+02	4.06e+01	3.28e+02	4.93e+01	1 31	mean	3.30e+02	4.29e+01		4.53e+01
	std	1.25e+01	8.44e+00	1.48e+01	1.06e+01		std	1.47e+01	1.01e+01	1.09e+01	1.07e+01
T <sub>7</sub>	median	3.34e+02	3.93e+01 (+)		4.53e+01 (+)	T <sub>32</sub>	median	3.36e+02	3.98e+01 (+)		4.48e+01 (+)
17	mean	3.32e+02	4.21e+01	3.29e+02		1 32		3.34e+02	4.26e+01		4.47e+01
-					4.59e+01		mean				
т	std	1.31e+01	1.05e+01	1.16e+01	9.96e+00	т	std	1.16e+01	1.03e+01		7.99e+00
T <sub>8</sub>	median	3.35e+02	4.33e+01 (+)		4.73e+01 (+)	T <sub>33</sub>	median	3.29e+02			4.43e+01 (+)
<b></b>	mean	3.34e+02	4.10e+01	3.30e+02	4.70e+01		mean	3.26e+02	4.04e+01		4.49e+01
	std	1.28e+01	8.27e+00	1.38e+01	9.22e+00	T.	std	1.43e+01	9.65e+00		7.83e+00
T <sub>9</sub>	median	3.37e+02	3.98e+01 (+)		4.43e+01 (+)	$T_{34}$	median	3.32e+02			4.83e+01 (+)
	mean	3.32e+02	3.99e+01		4.47e+01		mean	3.30e+02	4.10e+01		4.72e+01
	std	1.63e+01	7.72e+00	1.20e+01	9.46e+00		std	1.19e+01	1.03e+01		9.97e+00
$T_{10}$	median	3.35e+02	4.08e+01 (+)		4.78e+01 (+)	$T_{35}$	median	3.27e+02			4.68e+01 (+)
	mean	3.31e+02	4.24e+01	3.33e+02	4.76e+01		mean	3.27e+02	3.91e+01		4.78e+01
	std	1.46e+01	8.21e+00	1.48e+01	9.52e+00		std	1.37e+01	7.37e+00	1.22e+01	1.04e+01
$T_{11}$	median	3.30e+02	3.63e+01 (+)	3.33e+02	4.13e+01 (+)	$T_{36}$	median	3.31e+02	3.83e+01 (+)		4.58e+01 (+)
	mean	3.29e+02	3.92e+01	3.30e+02	4.38e+01		mean	3.30e+02	4.00e+01		4.59e+01
	std	1.65e+01	1.24e+01	1.34e+01	9.58e+00		std	1.45e+01	9.54e+00	1.41e+01	9.95e+00
T <sub>12</sub>	median	3.28e+02	4.28e+01 (+)	3.32e+02	4.73e+01 (+)	T <sub>37</sub>	median	3.26e+02	3.73e+01 (+)		4.78e+01 (+)
	mean	3.30e+02	4.23e+01	3.29e+02	4.68e+01		mean	3.26e+02	3.91e+01	3.32e+02	4.66e+01
	std	1.12e+01	9.71e+00	1.56e+01	1.03e+01		std	1.07e+01	8.12e+00	1.29e+01	9.02e+00
T <sub>13</sub>	median	3.29e+02	3.75e+01 (+)		4.18e+01 (+)	T <sub>38</sub>	median	3.30e+02	3.98e+01 (+)		4.78e+01 (+)
- 13	mean	3.29e+02	3.84e+01		4.42e+01	50	mean	3.28e+02	4.06e+01		4.65e+01
	std	1.02e+01	8.38e+00	1.22e+01	9.42e+00		std	1.44e+01	7.68e+00	1.46e+01	1.10e+01
T <sub>14</sub>	median	3.34e+02	4.08e+01 (+)		4.58e+01 (+)	T <sub>39</sub>	median	3.29e+02			4.53e+01 (+)
- 14	mean	3.32e+02	3.97e+01	3.32e+02	4.64e+01	- 37	mean	3.28e+02	3.98e+01		4.45e+01
	std	1.12e+01	8.99e+00		9.11e+00		std	1.42e+01	1.00e+01		8.82e+00
T <sub>15</sub>	median	3.31e+02	3.98e+01 (+)		4.93e+01 (+)	T <sub>40</sub>	median	3.33e+02	3.88e+01 (+)		5.02e+01 (+)
113	mean	3.30e+02	4.18e+01		4.86e+01	1 40	mean	3.31e+02	3.92e+01		4.96e+01
	std	1.21e+01	9.06e+00	1.19e+01	1.04e+01		std	1.66e+01	9.45e+00		9.05e+00
T <sub>16</sub>	median	3.30e+02	4.48e+01 (+)		4.93e+01 (+)	T <sub>41</sub>	median	3.31e+02			4.97e+01 (+)
1 16	mean	3.26e+02	4.27e+01		4.87e+01	141	mean	3.27e+02	3.99e+01		4.77e+01
	std	1.44e+01	8.40e+00	1.61e+01	9.31e+00		std	1.65e+01	9.00e+00		9.18e+00
T <sub>17</sub>	median	3.32e+02		3.34e+02	4.58e+01 (+)	T <sub>42</sub>	median	3.28e+02			4.68e+01 (+)
1 17				3.34e+02		1 42					
-	mean	3.27e+02	3.91e+01		4.68e+01		mean	3.24e+02			4.65e+01
т	std	1.45e+01			8.73e+00		std	1.83e+01			
$T_{18}$	median mean	3.29e+02		2 25~+02	4 62 a 1 01 ( i )	т	modia.				1.05e+01
1		2 20-102			4.63e+01 (+)	T <sub>43</sub>	median	3.32e+02	4.03e+01 (+)	3.34e+02	4.58e+01 (+)
		3.28e+02	3.83e+01	3.32e+02	4.64e+01	T <sub>43</sub>	mean	3.32e+02 3.31e+02	4.03e+01 (+) 4.15e+01	3.34e+02 3.30e+02	4.58e+01 (+) 4.53e+01
T	std	1.75e+01	3.83e+01 9.10e+00	3.32e+02 1.46e+01	4.64e+01 8.90e+00		mean std	3.32e+02 3.31e+02 1.13e+01	4.03e+01 (+) 4.15e+01 1.18e+01	3.34e+02 3.30e+02 1.62e+01	4.58e+01 (+) 4.53e+01 8.59e+00
T <sub>19</sub>	std median	1.75e+01 3.35e+02	3.83e+01 9.10e+00 3.98e+01 (+)	3.32e+02 1.46e+01 3.29e+02	4.64e+01 8.90e+00 3.98e+01 (+)	T <sub>43</sub>	mean std median	3.32e+02 3.31e+02 1.13e+01 3.31e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+)
T <sub>19</sub>	std median mean	1.75e+01 3.35e+02 3.31e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01		mean std median mean	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01
	std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00	T <sub>44</sub>	mean std median mean std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00
T <sub>19</sub>	std median mean std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+)	T <sub>44</sub>	mean std median mean std median	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+)
	std median mean std median mean	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01	T <sub>44</sub>	mean std median mean std median mean	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01
T <sub>20</sub>	std median mean std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00	T <sub>44</sub>	mean std median mean std median mean std median std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01
	std median mean std median mean std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+)	T <sub>44</sub>	mean std median mean std median mean std median mean	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+)
T <sub>20</sub>	std median mean std median mean std median mean	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01	T <sub>44</sub>	mean std median mean std median mean std median mean std median	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01
T <sub>20</sub>	std median mean std median mean std median mean std median median std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00	T <sub>44</sub>	mean std median mean std median mean std median mean std median std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+01 3.32e+02 1.36e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00
T <sub>20</sub>	std median mean std median mean std median mean	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01	T <sub>44</sub>	mean std median mean std median mean std median mean std median	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+01 3.29e+02 1.32e+02 3.29e+02 1.36e+01 3.31e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.31e+01 7.81e+00 4.33e+01 (+)
T <sub>20</sub>	std median mean std median mean std median mean std median median std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.33e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 8.62e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00	T <sub>44</sub> T <sub>45</sub>	mean std median mean std median mean std median mean std median std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+01 3.32e+02 1.36e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00
T <sub>20</sub>	std median mean std median mean sttd median mean std median mean std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 3.32e+02 3.34e+01 3.33e+02 3.31e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+)	T <sub>44</sub> T <sub>45</sub>	mean std median mean std median mean std median mean std median median mean	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.26e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01
T <sub>20</sub>	std median mean std median mean std median mean std median mean std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.31e+02 3.31e+02 1.26e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+00 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01	T <sub>44</sub> T <sub>45</sub>	mean std median mean std median mean std median mean std median mean mean std median	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.29e+02 1.36e+01 3.31e+02 3.27e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.26e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean std median std median mean std median mean std std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01 8.48e+00	3.32e+02 1.46e+01 3.29e+02 3.26e+02 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.39e+02 3.31e+02 1.26e+01 3.26e+01 3.26e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub>	mean std median mean std median mean std median mean std median mean std std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.28e+02 1.89e+01 3.24e+02 1.62e+01 3.34e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean std median std median mean std median mean std std median std median median median median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01 3.93e+01 3.96e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.33e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+)	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub>	mean std median median	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+01 3.32e+01 3.31e+02 3.27e+02 1.51e+01 3.31e+02 3.27e+02 3.32e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 3.36e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.24e+02 1.62e+01 3.34e+02 3.34e+02 3.34e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+)
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01 8.48e+00 3.96e+01 (+) 3.98e+01 (+) 8.71e+00	3.32e+02 1.46e+01 3.29e+02 3.29e+02 1.63e+02 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 3.31e+02 3.31e+02 3.31e+02 3.26e+01 3.26e+01 3.26e+01 3.26e+01	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	mean std median median mean std median std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.32e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.58e+01 (+) 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.19e+01 1.15e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.24e+02 1.62e+01 3.34e+02 3.34e+02 1.62e+01 3.34e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean std median	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02 1.42e+01 3.32e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01 8.48e+00 3.96e+01 (+) 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 3.31e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.26e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00 4.33e+01 (+)	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	mean std median mean std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.32e+02 3.27e+02 1.51e+01 3.32e+02 3.29e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.13e+01 (+) 4.19e+01 1.15e+01 3.92e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.33e+02 3.28e+02 1.89e+01 3.24e+02 1.62e+01 3.34e+02 3.34e+02 1.34e+02 3.32e+02 1.18e+01 3.30e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01 4.43e+01 (+)
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02 1.42e+01 3.32e+02 3.30e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.93e+01 8.48e+00 3.96e+01 (+) 3.98e+01 8.71e+00 3.78e+01 (+) 4.15e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 3.31e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02 3.36e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00 4.33e+01 (+) 4.37e+01	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	mean std median mean	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.32e+02 3.31e+02 1.51e+01 3.32e+02 3.31e+02 1.46e+01 3.26e+02 3.27e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.57e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.19e+01 1.15e+01 3.92e+01 (+) 4.04e+01	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.38e+02 1.89e+02 1.89e+02 3.24e+02 1.62e+01 3.34e+02 3.32e+02 1.32e+02 1.32e+02 3.32e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01 4.43e+01 (+) 4.43e+01 (+) 4.47e+01
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub> T <sub>23</sub>	std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02 1.42e+01 3.32e+02 1.42e+01 1.32e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 8.71e+00 3.78e+01 (+) 4.15e+01 1.16e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 3.31e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02 3.26e+02 3.26e+02 3.30e+02 1.18e+01 3.33e+02 3.30e+02 1.18e+01 3.31e+02 3.31e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00 4.33e+01 (+) 4.37e+01 8.30e+00	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	mean std median mean std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.32e+02 3.27e+02 1.46e+01 3.26e+02 3.27e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.19e+01 1.15e+01 3.92e+01 (+) 4.04e+01 7.53e+00	3.34e+02 3.30e+02 1.62e+01 3.2e+02 3.2e+02 1.33e+01 3.26e+02 3.26e+02 1.06e+01 3.3e+02 3.2e+02 1.89e+01 3.2e+02 3.2e+02 1.89e+01 3.3e+02 3.2e+02 1.62e+01 3.3e+02 3.2e+02 1.5e+01 3.3e+02 3.2e+02 1.5e+01 3.3e+02 3.2e+02 1.5e+01	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01 4.43e+01 (+) 4.43e+01 (+) 4.47e+01
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	std median mean std median std median std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02 1.42e+01 3.32e+02 3.30e+02 1.12e+01 3.30e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.98e+01 8.71e+00 3.78e+01 (+) 3.78e+01 (+) 3.78e+01 (+) 3.78e+01 (+) 4.15e+01 1.16e+01 3.68e+01 (+)	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.33e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02 1.18e+01 3.39e+02 1.26e+01 3.39e+02 1.26e+01 3.39e+02 1.49e+01 1.39e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00 4.33e+01 (+) 4.37e+01 8.30e+00 4.23e+01 (+)	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	mean std median mean std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.31e+02 3.26e+02 3.27e+02 1.36e+01 3.31e+02 3.31e+02 3.31e+02 3.31e+02 3.31e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.19e+01 1.15e+01 3.92e+01 (+) 4.04e+01 7.53e+00 3.99e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 3.28e+02 1.33e+01 3.26e+02 3.26e+02 3.28e+02 1.36e+01 3.28e+02 1.89e+01 3.26e+02 3.24e+02 1.62e+01 3.34e+02 3.32e+02 1.18e+01 3.30e+02 3.28e+02 1.59e+01 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01 4.43e+01 (+) 4.47e+01 8.87e+00 4.63e+01 (+)
T <sub>20</sub> T <sub>21</sub> T <sub>22</sub> T <sub>23</sub>	std median mean std	1.75e+01 3.35e+02 3.31e+02 1.73e+01 3.32e+02 3.28e+02 1.36e+01 3.32e+02 3.31e+02 1.17e+01 3.33e+02 3.31e+02 1.53e+01 3.29e+02 3.24e+02 1.42e+01 3.32e+02 1.42e+01 1.32e+02	3.83e+01 9.10e+00 3.98e+01 (+) 3.95e+01 7.69e+00 3.83e+01 (+) 3.81e+01 8.70e+00 4.28e+01 (+) 4.34e+01 7.33e+00 3.98e+01 (+) 3.98e+01 (+) 3.98e+01 8.71e+00 3.78e+01 (+) 4.15e+01 1.16e+01	3.32e+02 1.46e+01 3.29e+02 3.26e+02 1.63e+01 3.26e+02 3.27e+02 1.12e+01 3.32e+02 3.32e+02 1.34e+01 3.33e+02 3.31e+02 1.26e+01 3.26e+02 3.26e+02 1.18e+01 3.39e+02 1.26e+01 3.39e+02 1.26e+01 3.39e+02 1.49e+01 1.39e+02	4.64e+01 8.90e+00 3.98e+01 (+) 4.20e+01 4.20e+01 4.48e+01 (+) 4.53e+01 7.06e+00 4.43e+01 (+) 4.63e+01 9.87e+00 5.02e+01 (+) 4.95e+01 9.79e+00 4.48e+01 (+) 4.57e+01 7.13e+00 4.33e+01 (+) 4.37e+01 8.30e+00	T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	mean std median mean std	3.32e+02 3.31e+02 1.13e+01 3.31e+02 3.30e+02 1.52e+01 3.28e+02 3.29e+02 1.32e+01 3.32e+02 3.29e+02 1.36e+01 3.31e+02 3.27e+02 1.51e+01 3.32e+02 3.27e+02 1.46e+01 3.26e+02 3.27e+02	4.03e+01 (+) 4.15e+01 1.18e+01 3.58e+01 (+) 3.58e+01 (+) 3.77e+01 1.26e+01 4.28e+01 (+) 4.37e+01 9.24e+00 4.38e+01 (+) 4.39e+01 1.13e+01 4.18e+01 (+) 4.13e+01 9.65e+00 4.13e+01 (+) 4.19e+01 1.15e+01 3.92e+01 (+) 4.04e+01 7.53e+00 3.99e+01 (+)	3.34e+02 3.30e+02 1.62e+01 3.32e+02 1.33e+01 3.26e+02 3.26e+02 3.26e+02 1.36e+01 3.33e+02 3.28e+02 1.89e+01 3.26e+02 3.24e+02 3.24e+02 3.34e+02 3.32e+01 3.30e+02 3.32e+02 1.89e+01 3.30e+02 3.32e+02 1.89e+01 3.30e+02 3.28e+02	4.58e+01 (+) 4.53e+01 8.59e+00 4.58e+01 (+) 4.51e+01 9.82e+00 4.93e+01 (+) 4.73e+01 1.05e+01 4.38e+01 (+) 4.41e+01 7.81e+00 4.33e+01 (+) 4.47e+01 1.05e+01 4.97e+01 (+) 4.93e+01 1.01e+01 4.43e+01 (+) 4.43e+01 (+) 4.47e+01

**Table S1.4.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S4** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Transcript   3,88-01   24-23 (c) 280-01   0,03-04 (r)   Ts median   0,6-02   2,34-02 (e) 7,04-01   372-010   near   1,63-02   1,03-02   2,70-03   near   1,63-02   1,03-02   2,70-03   near   2,70-03   near   3,75-03   4,62-23   2,78-03   2,70-03   near   3,75-03   4,62-23   2,78-03   2,70-03   near   3,75-03   4,75-03   3,7	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
mean   386-01   346-23   276-01   104-04   mean   116-01   117-04   702-01   505-01   107-04   107-0	Т.	median	3 38e-01	1 24e-23 (+)	2.80e-01	AMaLGaM 1.03e-04 (+)	Tar	median	1.06e±02	2 34e+02 (≈)	7.04e+01	AMaLGaM 3.73e+01.(+)
Math   Ast-Oct   Disposition   Disposition   Ast-Oct   Disposition   Disposition   Ast-Oct   Disposition   Dispo							1 26					
Tr.   median   A3e+02   0.01e+03   0.90e+01   3.72e+01   Tr.   median   9.52e+01   9.02e+03   7.91e+03   9.91e+03   9.9												
mean   246+02   295+03   887+01   377-01   mean   1.10e-00   1.16e-12   354-01   291-03   1.0e   mean   5.9e-01   1.0e-12   354-01   291-03   391-04   1.0e   1.0	Ta						Т.,,					
Bell	- 12						12/					
Transcisson   S68-01   Jose-12 (t)   Sol-01   290-03 (t)   Tsa median   S19-04   136-23 (t) 2.72-04   Jole-04   Med   S99-04   7.39-13   2.53-02   3.80-04   and   Jose-04   4.53-23   2.74-04   Jose-04   J												
Mem	T <sub>2</sub>						Tae					
Beld   \$99-601   7,396-13   2,386-20   3,386-04   seld   9,056-01   4,536-23   2,176-02   2,656-05   1,166-04   T <sub>19</sub>   median   1,062-02   3,167-02   2,176-03   7,116-01   8,826-01   1,366-01   3,486-01   3,496-01   4,992-33   3,896-02   5,068-05   5,064   5,386-01   5,776-02   3,946-01   6,526-01   7,166-01   3,566-01   3,76	- 13						1 28					
Tr.   median   399-01   232-23 (*)   274-01   101-04 (*)   Tr.   median   18-002   217-03   71-10   882-01   840   439-01   439-02   289-02   288-02   288-00   538-01   557-03   94-00   529-01   mean   158-02   557-03   94-00   529-01   mean   158-02   557-03   94-00   529-01   158-01   159-01   1												
mean   4.39-01   2.40-23   2.75-01   101-04   mean   1.18-02   2.17-03   7.11-01   6.82-01   Med   4.39-0.1   4.39-0.2   6.80-02   2.68-0.0   5.84-01   mean   1.58-02   5.96-02   6.97-01   5.69-01   0.19-02   mean   7.70-02   5.77-01   5.90-02   6.80-01   6.60-01	T.						Tao					
Math   A39-21   A49-22   289-02   288-05   Std   S.88-01   S.75-03   294-00   S.29-01   Math   S.86-01   D.00-12 (P.) S.60-00   S.81-01   Math   S.66-01   D.00-12 (P.) S.60-00   S.81-01   Math   S.66-01   D.00-12 (P.) S.60-01   S.86-01   S.86-01   S	14					,	1 29					
Tr.   median   1.58e-02   5.96e-02   6.97e-01   3.59e-01   median   1.59e-01   3.59e-01   median   1.59e-01   1.59e-12   3.56e-01   2.80e-03   8.0d   6.09e-01   1.69e-00   1.61e-12   6.69e-00   6.04e-01   8.0d   5.95e-01   7.31e-13   2.37e-02   3.46e-04   7.76e-03   3.69e-04   7.31e-13   2.37e-02   3.46e-04   7.76e-03   3.69e-04   7.31e-13   2.37e-02   3.46e-04   7.31e-13   2.37e-02   3.46e-04   3.69e-04   7.31e-13   3.46e-01   2.21e-23   7.77e-01   9.32e-05   3.69e-04   3.69e-04   3.69e-04   3.69e-04   3.69e-04   3.49e-04   3.41e-04   3.46e-04   3.69e-04   3.69e-04   3.69e-04   3.41e-04   3.46e-04   3.69e-04   3.69e-04   3.69e-04   3.41e-04   3.46e-04   3.69e-04   3.69e-												
Mean   1.72e-02   5.77e-03   6.99e-01   5.34e-01   mean   1.04e-100   1.19e-12   5.56e-01   2.80e-03   3.6e-04   1.05e-00   1.01e-12   1.50e-01   5.02e-01   5.02e-01   5.02e-01   5.02e-01   5.02e-01   5.02e-03   5.02e-	T.						Tao					
Stat   0.09e-01   1.04e-104   2.66e-00   0.00e-01   5   3   5   5   5   0.01   7.31e-13   2.77e-02   3.46e-04   5   6   6   6   7.42e-01   3.24e-01   3.	15						1 30					
The median   1.05e+00   1.01e-12   1.59e-01   1.00e-03   1.01e-04   1.01e-0												
mean   121e+00   1.9e-12   3.59e-01   3.09e-03   mean   4.52e-01   2.38e-23   2.77e-01   3.25e-05   Ty median   3.38e-01   1.23e-23 († 2.79e-01   8.44e-05 († Ty median   1.37e-02   4.29e-02 (-) 7.14e-01   3.25e-01   1.38e-01   1.	Tc						Tai					
Sid   6,011-01   7,42e-13   2,66e-02   4,53e-04   Std   3,41e-01   4,56e-02   2,70e-02   3,25e-05   Std   6,01e-02   4,70e-23   2,90e-01   1,14e-05   Std   6,01e-02   4,70e-23   2,90e-01   1,14e-05   Std   6,01e-02   4,70e-23   2,90e-02   2,76e-05   Std   8,51e-01   1,13e-03   2,47e-00   6,02e-01   T <sub>8</sub> median   2,2e-02   3,10e+02   (p) 7,04e-01   3,77e-01   T <sub>1</sub> median   2,2e-02   3,10e+02   (p) 7,0e-01   5,1e-05   Std   8,51e-01   1,13e-03   2,47e-00   6,02e-01   Std   4,50e-01   1,13e-03   3,47e-00   2,2e-03   Std   1,73e-03   3,06e+03   2,2e+00   2,20e-01   Std   4,50e-01   1,3le-13   2,33e-02   3,99e-04   Std   3,7e-03   3,0e-03   2,2e+00   2,20e-01   Std   4,50e-01   1,3le-13   2,33e-02   3,99e-04   Std   2,6e-01   1,7e-12   3,4e-01   2,8e-03   mean   7,70e-01   1,29e-23   2,80e-01   9,2e-05   Std   2,6e-05   1,7e-13   2,4e-02   4,8le-04   Std   3,4e-01   2,2e-23   2,80e-01   9,2e-05   Std   4,6e-01   2,2e-23   2,80e-01   9,2e-05   Std   1,9e-04   4,1e-23   2,8e-02   4,8le-04   Std   3,4e-01   2,2e-23   2,80e-01   9,2e-05   Std   1,9e-04   4,1e-23   2,8e-02   4,8e-04   Std   1,9e-04   4,1e-23   2,8e-02   4,8e-04   Std   1,9e-04   4,1e-23   2,8e-02   4,8e-04   Std   1,9e-04   4,1e-23   2,8e-04   4,1e-24   4,1e-04   4,1e	10						131					
Ty median   338-01   23e-23 (t) 279e-01   844e-05 (t)   Ty median   137e-02   429e-02 (e) 7.14e-10   382e-01 (e) 184   6.01e-02   4.76e-23   2.99e-02   2.76e-05   std   8.51e-01   1.13e-03   2.47e-100   0.02e-01   Ty median   2.2e-02   1.3e-02   7.9e-03   1.7e-01   1.7y median   5.13e-01   1.13e-03   2.47e-100   0.02e-01   1.7y median   5.13e-01   1.13e-03   2.47e-100   0.02e-01   1.7y median   5.13e-01   1.3e-02   2.99e-02   2.99e-02   2.99e-02   1.7e-02   1.												
mean   3.61e-01   2.49e-23   2.80e-01   9.14e-05   mean   1.37e-02   8.95e-02   7.08e-01   6.96e-01   std   6.61e-02   4.76e-23   2.99e-02   7.08e-01   1.31e-10   1.31e-01   7.7e-01   7.7e-01   1.31e-01   7.7e-01   7	T <sub>7</sub>						Taa					
Sid   6.61e-02   4.76e-23   2.99e-02   2.76e-05   std   8.51e-01   1.13e-03   2.47e-00   6.02e-01   mean   7.27e-02   1.24e-03   7.01e-01   4.51e-01   mean   6.78e-01   1.18e-12   3.48e-01   2.79e-03   std   1.73e-03   3.66e-03   2.25e-03   2.26e-01   std   3.06e-03   7.31e-01   3.36e-03   2.25e-00   2.20e-03   7.31e-01   3.36e-03   3.25e-00   2.20e-03   7.31e-03   3.36e-03   3.31e-03   3.36e-03   3.31e-03   3.36e-03   3.31e-03   3.36e-03   3.31e-03   3.36e-03   7.31e-03   3.36e-03   7.31e-03   7.30e-01   1.17e-12   3.43e-03   4.58e-03   7.31e-03   7.30e-01   7.17e-13   2.43e-03   2.91e-03   4.58e-03   7.31e-03   7.30e-01   7.17e-13   2.43e-03   2.91e-03   4.58e-03   7.31e-03   7.17e-03   7.30e-01   7.17e-13   2.43e-03   7.38e-03   7.31e-03   7.31	17						1 32					
Tst   median   2.52±02   3.10±02 (e) 7.04±01   3.77±01 (ft)   Tst   median   5.13±01   3.80±01   2.79±03   std   1.73±03   3.06±03   2.25±00   2.20±01   std   4.50±01   7.31±13   2.33±02   2.80±01   7.72±03   5.00±01   7.20±03   7.20±												
March   17,7490   124e+03   701e+01   4,51e+01   mean   6,78e-01   1,18e-12   3,48e-01   2,99e.04   T <sub>1</sub>   median   5,47e-01   9,87e-13 (+) 3,95e-01   2,91e-03 (+)   T <sub>34</sub>   median   4,05e-01   1,23e-23 (+) 2,80e-01   9,72e-05   std   4,26e-01   7,17e-13   2,43e-02   4,81e-04   std   7,34e-01   4,82e-01   1,25e-23 (+) 2,83e-01   3,83e-01   8,85e-03   mean   7,81e-01   2,92e-23   2,73e-01   1,03e-04   std   7,34e-01   4,82e-01   2,5e-23   2,73e-01   1,03e-04   mean   7,81e-01   2,39e-23   2,73e-01   1,03e-04   mean   2,03e+02   1,31e-03   2,14e+02   3,85e-01   2,70e-05   std   1,09e+00   4,41e-23   2,83e-02   2,97e-05   std   1,09e+00   4,41e-23   2,83e-02   2,97e-05   std   1,09e+00   4,41e-23   2,83e-02   2,97e-05   std   1,09e+00   1,49e-12   1,7ee+03   3,8ee-10   2,87e-03   std   1,74e-01   1,99e-13   1,99e-1	T <sub>^</sub>						Tan					
Sid   173e-03   30.0e-03   2.25e-00   2.20e-01   std   4.50e-01   7.31e-13   2.33e-02   3.99e-04   mean   7.30e-01   1.72e-12   4.69e-01   2.85e-03   mean   6.70e-01   2.29e-23   2.80e-01   9.92e-05   std   4.26e-01   7.72e-13   4.69e-01   2.85e-03   mean   6.70e-01   2.29e-23   2.80e-01   9.92e-05   std   4.26e-01   7.72e-13   2.48e-02   4.81e-04   std   7.34e-01   4.89e-02   2.85e-03   c.66e-05   mean   7.81e-01   2.59e-23   2.78e-01   1.05e-04   mean   2.81e-01   2.39e-23   2.78e-01   1.05e-04   mean   2.81e-01   2.39e-23   2.78e-01   1.05e-04   mean   2.81e-01   2.39e-23   2.78e-01   1.05e-04   mean   2.81e-01   2.89e-02   2.78e-01   1.05e-04   mean   2.81e-01   2.89e-02   2.78e-01   3.85e-01   2.89e-02   2.83e-02   2.97e-05   std   1.67e+02   1.76e+03   2.15e+00   2.14e+02   1.79e-13   6.94e-01   5.15e+01   mean   5.50e-01   1.8e-12   3.88e-01   2.87e-03   std   3.68e-01   7.22e-13   3.00e-02   4.78e-03   4.78e-01	18						1 53					
Top   median   S47:-01   S47:-01   S48:-01   S48:-01   S48:-03   S58:-03   mean   A05:-01   1.32:-23 (+) 2.80:-01   92:-05   S4	<b>-</b>											
mean	T <sub>o</sub>						Tar					
Sid	19						1 34					
Tignor   T												
mean	Т.,						Т					
Std	1 10						1 35					
T11												
mean   S.46c+02   1.77e+03   6.94c+01   S.15c+01   mean   S.50c-01   1.18c+12   3.48c-01   2.87c-03   1.18c-12   3.48c-01   2.87c-03   1.18c-12   3.48c-01   2.85c-04   1.18c-12   3.48c-01   2.85c-04   1.18c-12   3.48c-01   2.85c-03   mean   8.87c-01   2.30c-23   2.73c-01   1.02c-04   1.08c-01   2.81c-03   mean   8.87c-01   2.30c-23   2.73c-01   1.02c-04   1.08c-01   2.81c-03   1.08c-01   2.20c-02   2.73c-05   1.02c-04   1.08c-01   2.20c-22   2.73c-01   1.09c-04   1.0	Т						Т					
Stat	1 11			( )			1 36					
Tip   median   4.83e-01   9.96e-13 (+) 3.49e-01   2.81e-03 (+)   Tip   median   3.95e-01   1.24e-23 (+) 2.74e-01   1.00e-04												
mean   5,22e-01   1,18e-12   3,47e-01   2,38e-03   mean   8,87e-01   2,30e-23   2,73e-01   1,02e-04     std   1,80e-01   7,23e-13   2,91e-02   4,48e-04   std   1,45e-04   0,40e-23   2,59e-02   2,75e-05     T <sub>13</sub> median   3,84e-01   1,22e-23 (+) 2,87e-01   1,05e-04 (+)   T <sub>38</sub> median   2,07e+02   2,32e+02 (+) 7,23e+01   3,78e+01 (   mean   5,02e-01   4,83e-23   2,34e-02   2,92e-05   std   4,98e+02   1,26e+03   3,25e+00   1,12e-02     T <sub>14</sub> median   1,70e+02   2,09e+02 (**) 7,12e+01   3,69e+01 (+)   T <sub>39</sub> median   5,33e-01   2,85e+13 (+) 3,47e-01   2,95e-03 (   mean   2,53e+02   3,09e+03   7,09e+01   5,79e+01   mean   7,27e-01   4,81e-01   7,45e-13   2,55e-02   4,17e-04     T <sub>15</sub> median   6,01e-01   9,87e-13 (+) 3,56e-01   2,87e-03 (+)   T <sub>40</sub> median   1,7e-12   3,59e-01   2,95e-03 (   mean   7,47e-01   1,17e-12   3,59e-01   2,95e-03 (   mean   9,51e-01   1,24e-23 (+) 2,76e-01   9,72e-05 (+)   T <sub>41</sub> median   1,38e-01   2,2e-23 (+) 2,73e-01   1,07e-04     std   1,09e+00   4,51e-23   2,70e-01   9,88e-05   mean   6,07e+02   3,79e+03   7,01e+01   0,08e+01     T <sub>17</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,29e-01   4,28e-23   3,12e-02   3,36e-05     T <sub>17</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,29e-01   9,90e-13 (+) 3,74e-01   2,86e-03     T <sub>18</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,29e-01   9,90e-13 (+) 3,74e-01   2,86e-03     T <sub>19</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,29e-01   9,90e-13 (+) 3,74e-01   2,86e-03     T <sub>19</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,29e-01   4,28e-23   3,12e-02   3,61e-04     T <sub>19</sub> median   1,07e+02   2,22e+02 (+) 7,09e+01   3,78e+01 (+)   T <sub>42</sub> median   4,90e-01   3,78e+01 (+)   3,79e-02   3,61e-04   3,79e-01   3,79e-02   3,61e-04   3,79e-01   3	Т						Т.					
Std	1 12						1 37					
Ti3												
mean   5,02e-01   2,46e-23   2,34e-02   2,92e-05   std   4,98e+02   1,26e+03   3,25e+00   1,12e+02   1,26e+03   1,2e+02   1,2e+03	т						т					
Std   3,00e-01   4,83e-23   2,34e-02   2,92e-05   std   4,98e-02   1,26e+03   3,25e+00   1,12e-02   1,09e-03   1,09e-03   1,09e-01   1,09e-03   1,09e-01   1,09e-03	1 13						1 38					
T <sub>14</sub>   median   1.70e+02   2.69e+02 (≈) 7.12e+01   3.69e+01 (+)   T <sub>39</sub>   median   5.33e-01   9.85e-13 (+) 3.47e-01   2.95e-03 (+)   1.7e-12   3.50e-01   2.92e-03 (+)   1.7e-12   3.50e-01   2.95e-03 (+)   1.02e-04 (+)												
mean   2.53e+02   3.09e+03   7.09e+01   5.79e+01   mean   7.27e-01   1.17e-12   3.50e-01   2.92e-03     std   2.21e+02   8.95e+03   2.88e+00   4.96e+01   std   4.81e-01   7.45e-13   2.55e-02   4.17e-04     mean   7.47e-01   1.17e-12   3.59e-01   2.87e-03 (+)   T <sub>a0</sub>   median   4.81e-01   1.22e-23 (+) 2.73e-01   1.02e-04 (-)     std   3.93e-01   7.19e-13   1.79e-02   3.65e-04   std   4.92e-01   4.28e-23   3.12e-02   3.00e-05     T <sub>16</sub>   median   3.78e-01   1.24e-23 (+) 2.76e-01   9.72e-05 (+)   T <sub>41</sub>   median   2.01e+02   2.57e+02 (≈) 7.00e+01   3.74e+01 (-)     mean   5.1e-01   2.41e-23   2.77e-01   9.88e-05   mean   6.07e+02   3.79e+03   7.01e+01   9.08e+01     tsd   1.69e+00   4.51e-23   2.40e-02   2.55e-05   std   6.66e-01   8.90e+03   2.36e+00   2.36e+00     T <sub>17</sub>   median   1.07e+02   2.22e+02 (-) 7.09e+01   3.78e+01 (+)   T <sub>42</sub>   median   4.92e-01   9.90e-13 (+) 3.47e-01   2.88e-03 (-)     std   2.88e+02   2.40e+03   2.18e+00   2.20e+02   std   2.82e-01   6.79e-13   2.97e-02   3.61e-04     std   2.88e+02   2.40e+03   2.18e+00   2.20e+02   std   2.82e-01   6.79e-13   2.97e-02   3.61e-04     std   3.66e-01   7.56e-13   2.71e-02   3.89e-04   std   3.82e-01   7.26e-01   2.18e-03   2.88e-03   8.89e-04   std   3.82e-01   2.18e-03   2.18e-03   1.81e-13   3.89e-04   std   3.82e-01   3.8e-03   3.8e-03   mean   2.66e+00   2.34e-23   3.40e-02   2.91e-05   3.8e-01   3	Т						т					
Std   2.21e+02   8.95e+03   2.88e+00   4.96e+01   Std   4.81e-01   7.45e+13   2.55e-02   4.17e-04     T15   median   6.01e-01   9.87e-13 (+) 3.56e-01   2.87e-03 (+)   T40   median   4.13e-01   1.22e-23 (+) 2.73e-01   1.02e-04 (+) (+) (+) (+) (+) (+) (+) (+) (+) (+)	1 14						1 39					
T <sub>15</sub>   median   6.01e-01   9.87e-13 (+)   3.56e-01   2.87e-03 (+)   T <sub>40</sub>   median   4.13e-01   1.22e-23 (+)   2.73e-01   1.02e-04 (+) mean   7.47e-01   1.17e-12   3.59e-01   2.95e-03   mean   5.66e-01   2.31e-23   2.71e-01   1.07e-04   std   3.93e-01   7.19e-13   1.79e-02   3.65e-04   std   4.29e-01   4.28e-23   3.12e-02   3.30e-05   T <sub>16</sub>   median   3.78e-01   1.24e-23 (+) 2.76e-01   9.72e-05 (+)   T <sub>41</sub>   median   2.01e+02   2.57e+02 (≈) 7.00e+01   3.74e+01   mean   5.51e-01   2.41e-23   2.77e-01   9.88e-05   mean   6.07e+02   3.79e+03   7.01e+01   9.08e+01   std   1.69e+00   4.51e-23   2.40e-02   2.55e-05   std   1.66e+03   8.90e+03   2.36e+00												
mean	Т.						Т					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 15						1 40					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$												
mean   9.51e-01   2.41e-23   2.77e-01   9.88e-05   mean   6.07e+02   3.79e+03   7.01e+01   9.08e+01   std   1.69e+00   4.51e-23   2.40e-02   2.55e-05   std   1.66e+03   8.90e+03   2.36e+00   2.63e+02   mean   1.07e+02   2.22e+02 (-) 7.09e+01   1.78e+01   1.9e+02   mean   1.62e+02   1.37e+03   7.08e+01   1.19e+02   mean   5.80e-01   1.16e-12   3.46e-01   2.88e-03   std   2.28e+02   2.40e+03   2.18e+00   2.20e+02   std   2.82e-01   6.79e-13   2.97e-02   3.61e-04   mean   7.73e-01   1.18e-12   3.55e-01   2.81e-03 (+) T43   median   2.06e+00   1.23e-23 (+) 2.84e-01   1.05e-04 (+) mean   7.73e-01   1.18e-12   3.55e-01   2.83e-03   mean   4.27e+00   2.35e-23   2.72e-01   1.02e-04   std   3.66e-01   7.56e-13   2.71e-02   3.89e-04   std   5.87e+00   4.34e-23   3.40e-02   2.91e-05   std   2.25e+00   4.38e-23   1.97e-02   3.43e-05   std   5.00e+01   1.01e+04   2.68e+00   4.04e+01   mean   9.36e-01   2.34e-23   2.83e-01   1.06e-04   mean   1.37e+02   2.68e+03   7.01e+01   5.18e+01   std   2.25e+00   4.38e-23   1.97e-02   3.43e-05   std   5.00e+01   1.01e+04   2.68e+00   4.04e+01   mean   2.63e+02   4.74e+03   6.90e+01   3.64e+01   T43   median   1.26e+00   7.10e-03   3.61e-01   2.82e-03   std   2.04e+02   1.38e+04   2.86e+00   2.49e+01   std   8.5e-01   2.84e-02   3.19e-02   4.37e-04   std   5.90e-01   7.25e-13   2.54e-02   3.54e-04   3.64e-01   3.64e	т						т					
std         1.69e+00         4.51e-23         2.40e-02         2.55e-05         std         1.66e+03         8.90e+03         2.36e+00         2.63e+02           T₁7         median         1.07e+02         2.22e+02 (→) 7.09e+01         3.78e+01 (+)         T₂2         median         4.92e-01         9.90e-13 (+) 3.47e-01         2.86e-03 (±)           std         2.28e+02         2.40e+03         2.18e+00         2.20e+02         std         2.82e-01         6.79e-13         2.97e-02         3.61e-04           T₁8         median         6.49e-01         9.90e-13 (+) 3.61e-01         2.81e-03 (+)         T₄3         median         2.06e+00         1.23e-23 (+) 2.84e-01         1.05e-04           mean         7.73e-01         1.18e-12         3.50e-01         2.83e-03         mean         4.27e+00         2.35e-23         2.72e-01         1.05e-04           std         3.66e-01         7.56e-13         2.71e-02         3.89e-04         std         8.87e+00         4.34e-23         3.40e-02         2.91e-05           T₁9         median         3.82e-01         1.21e-23 (+) 2.88e-01         9.60e-05 (+)         T₄4         median         1.19e+02         3.07e+02 (-) 6.96e+01         3.68e+01 (-)         1.81e-02         3.79e-01         3.48e-05	1 16			/			141					
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mean   1.62e+02   1.37e+03   7.08e+01   1.19e+02   mean   5.80e-01   1.16e-12   3.46e-01   2.88e-03     std   2.28e+02   2.40e+03   2.18e+00   2.20e+02   std   2.82e-01   6.79e-13   2.97e-02   3.61e-04     mean   7.73e-01   1.18e-12   3.55e-01   2.83e-03   mean   4.27e+00   2.35e-23   2.72e-01   1.02e-04     std   3.66e-01   7.56e-13   2.71e-02   3.89e-04   std   5.87e+00   4.34e-23   3.40e-02   2.91e-05     T₁9   median   3.82e-01   1.21e-23 (+) 2.88e-01   9.60e-05 (+)     mean   9.36e-01   2.34e-23   2.33e-01   1.06e-04   mean   1.37e+02   2.68e+03   7.01e+01   5.18e+01     std   2.25e+00   4.38e-23   1.97e-02   3.43e-05   std   5.00e+01   1.01e+04   2.68e+00   4.04e+01     std   2.25e+00   4.38e-23   1.97e-02   3.43e-05   std   5.00e+01   1.01e+04   2.68e+00   4.04e+01     T₂0   median   1.69e+02   1.81e+02 (≈) 6.97e+01   3.64e+01 (+)   T₄5   median   1.26e+00   7.10e-03   3.61e-01   2.82e-03     std   2.04e+02   1.38e+04   2.86e+00   2.49e+01   std   6.85e-01   2.84e-02   3.19e-02   4.37e-04     T₂1   median   1.57e+00   9.90e-13 (+) 3.64e-01   2.81e-03 (+)   std   6.85e-01   2.84e-02   3.19e-02   4.37e-04     std   6.92e-01   7.25e-13   2.54e-02   3.54e-04   std   4.90e-02   4.79e-23   2.88e-01   1.05e-04 (+)   mean   1.53e+00   1.17e-12   3.60e-01   2.81e-03 (+)   std   4.97e-02   4.79e-23   2.88e-02   2.93e-05     T₂2   median   3.30e-01   2.24e-23 (+) 2.70e-01   1.03e-04 (+)   T₄7   median   1.56e+02   6.99e+01   4.55e+01   std   4.90e-02   4.58e+02   7.06e+01   8.47e+01   mean   3.36e-01   2.48e-23   2.78e-01   1.05e-04 (+)   mean   3.30e-01   2.24e-23 (+) 2.70e-01   1.03e-04 (+)   T₄7   median   1.56e+02   6.99e+01   4.55e+01   std   4.90e-02   4.58e+02   7.06e+01   8.47e+01   mean   4.99e-01   9.87e-13 (+) 3.59e-01   2.73e-03 (+)   mean   2.53e+02   4.58e+02   7.06e+01   8.47e+01   mean   3.36e-01   2.28e-03   2.28e-02   2.29e-05   std   4.38e-01   9.73e-01   2.38e-03   9.73e-01   2.73e-03   9.73e-01   2.73e-03   9.73e-01   2.73e-03   9.73e-01   2.73e-03   9.73e-01   2.73e-03   9.73e-01   2.73e-03	т						т					
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T <sub>18</sub>   median   6.49e-01   9.90e-13 (+)   3.61e-01   2.81e-03 (+)   T <sub>43</sub>   median   2.06e+00   1.23e-23 (+)   2.84e-01   1.05e-04 (+)   mean   7.73e-01   1.18e-12   3.55e-01   2.83e-03   mean   4.27e+00   2.35e-23   2.72e-01   1.02e-04   1.02e-04												
mean   7.73e-01   1.18e-12   3.55e-01   2.83e-03   mean   4.27e+00   2.35e-23   2.72e-01   1.02e-04   std   3.66e-01   7.56e-13   2.71e-02   3.89e-04   std   5.87e+00   4.34e-23   3.40e-02   2.91e-05   median   3.82e-01   1.21e-23 (+) 2.88e-01   9.60e-05 (+)   T <sub>44</sub>   median   1.19e+02   3.07e+02 (-) 6.96e+01   3.68e+01 (			∠.∠8e+U∠ 6.40° 01	0.000.12.41	2.18e+00						2.976-02	1.050.04(1)
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T₁9         median         3.82e-01         1.21e-23 (+)         2.88e-01         9.60e-05 (+)         T₄4         median         1.19e+02         3.07e+02 (-)         6.96e+01         3.68e+01 (mean)           std         2.35e+00         4.38e-23         1.97e-02         3.43e-05         std         5.00e+01         1.01e+04         2.68e+00         4.04e+01           T₂0         median         1.69e+02         1.81e+02 (≈)         6.97e+01         3.64e+01 (+)         T₄5         median         1.12e+00         9.99e-13 (+)         3.57e-01         2.86e-03 (-)           mean         2.63e+02         4.74e+03         6.90e+01         4.55e+01         mean         1.26e+00         7.10e-03         3.61e-01         2.86e-03 (-)           std         2.04e+02         1.38e+04         2.86e+00         2.49e+01         std         6.85e-01         2.84e-02         3.19e-02         4.37e-04           T₂1         median         1.57e+00         9.90e-13 (+)         3.64e-01         2.81e-03 (+)         T₄6         median         3.23e-01         1.22e-23 (+)         2.84e-01         1.05e-04 (-)           std         6.92e-01         7.25e-13         2.54e-02         3.54e-04         std         4.97e-02         4.79e-23         2.88e-02<	-											
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$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$T_{23}$						$\Gamma_{48}$					2.73e-03 (+)
T24         median         7.02e-01         9.73e-13 (+)         3.56e-01         2.88e-03 (+)         T49         median         3.18e-01         1.20e-23 (+)         2.83e-01         9.56e-05 (-)           mean         9.06e-01         1.17e-12         3.55e-01         2.85e-03         mean         3.33e-01         2.38e-23         2.73e-01         9.72e-05           std         5.45e-01         7.75e-13         2.54e-02         3.05e-04         std         8.08e-02         4.53e-23         3.27e-02         2.53e-05           T25         median         4.11e-01         1.23e-23 (+)         2.81e-01         9.06e-05 (+)         T50         median         1.07e+02         4.97e+02 (-)         7.10e+01         9.46e+01 (           mean         7.05e-01         2.21e-23         2.77e-01         9.85e-05         mean         1.33e+02         1.55e+03         7.09e+01         1.31e+02												
mean         9.06e-01         1.17e-12         3.55e-01         2.85e-03         mean         3.33e-01         2.38e-23         2.73e-01         9.72e-05           std         5.45e-01         7.75e-13         2.54e-02         3.05e-04         std         8.08e-02         4.53e-23         3.27e-02         2.53e-05           T <sub>25</sub> median         4.11e-01         1.23e-23 (+)         2.81e-01         9.06e-05 (+)         T <sub>50</sub> median         1.07e+02         4.97e+02 (-)         7.10e+01         9.46e+01 (           mean         7.05e-01         2.21e-23         2.77e-01         9.85e-05         mean         1.33e+02         1.55e+03         7.09e+01         1.31e+02												
std         5.45e-01         7.75e-13         2.54e-02         3.05e-04         std         8.08e-02         4.53e-23         3.27e-02         2.53e-05           T <sub>25</sub> median         4.11e-01         1.23e-23 (+)         2.81e-01         9.06e-05 (+)         T <sub>50</sub> median         1.07e+02         4.97e+02 (-)         7.10e+01         9.46e+01 (-)           mean         7.05e-01         2.21e-23         2.77e-01         9.85e-05         mean         1.33e+02         1.55e+03         7.09e+01         1.31e+02	T <sub>24</sub>						T <sub>49</sub>					9.56e-05 (+)
T25         median         4.11e-01         1.23e-23 (+)         2.81e-01         9.06e-05 (+)         T50         median         1.07e+02         4.97e+02 (-)         7.10e+01         9.46e+01 (-)           mean         7.05e-01         2.21e-23         2.77e-01         9.85e-05         mean         1.33e+02         1.55e+03         7.09e+01         1.31e+02												
mean 7.05e-01 2.21e-23 2.77e-01 9.85e-05 mean 1.33e+02 1.55e+03 7.09e+01 1.31e+02												
	T <sub>25</sub>						$T_{50}$					9.46e+01 (≈)
std				2.21e-23								
		std	1.07e+00	B.83e-23	2.76e-02	3.14e-05		std	5.39e+01	2.57e+03	3.31e+00	1.44e+02

**Table S1.5.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S5** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
T <sub>1</sub>	median	3.36e+02	4.58e+01 (+)		AMaLGaM 4.38e+01 (+)		median	2.74e-02		9.27e-03	AMaLGaM 0.00e+00 (+)
11	mean	3.36e+02	4.45e+01 (+)	3.26e+02	4.55e+01 (+)	1 26	mean	7.40e-02		9.27e-03 9.14e-03	3.70e-17
	std	1.15e+01	8.06e+00	1.46e+01	1.05e+01		std	1.05e-01	1.08e-03	9.14e-03 9.65e-04	6.73e-17
T <sub>2</sub>	median	1.68e-02		9.45e-03	0.00e+00 (+)	T <sub>27</sub>	median	4.99e+00	3.05e+00 (+)		2.12e+00 (+)
12	mean	1.86e-02	1.27e-03	9.48e-03	1.85e-17	127	mean	5.20e+00	3.32e+00	3.18e+00	2.57e+00
	std	7.27e-03	1.65e-03	1.05e-03	5.12e-17		std	9.41e-01	2.04e+00	9.60e-02	1.77e+00
T <sub>3</sub>		4.28e+00	2.69e+00 (+)		1.88e+00 (+)	T <sub>28</sub>	median	3.34e+02	4.23e+01 (+)		4.97e+01 (+)
- 13	mean	4.38e+00	2.72e+00	3.16e+00	2.07e+00	1 28	mean	3.31e+02	4.16e+01	3.32e+02	5.00e+01
	std	6.37e-01	1.47e+00	1.00e-01	1.25e+00		std	1.21e+01	5.30e+00	1.89e+01	1.06e+01
T <sub>4</sub>		3.33e+02	4.73e+01 (+)		4.97e+01 (+)	T <sub>29</sub>	median	1.33e-02		9.02e-03	0.00e+00 (+)
	mean	3.32e+02	4.75e+01	3.30e+02	4.85e+01	1 29	mean	1.73e-02	,	9.11e-03	3.33e-17
	std	1.23e+01	7.38e+00		7.19e+00		std	9.97e-03	1.67e-03	7.50e-04	5.94e-17
T <sub>5</sub>	median	1.15e-02		9.22e-03	0.00e+00 (+)	T <sub>30</sub>	median	5.06e+00	3.39e+00 (+)		2.04e+00 (+)
	mean	1.22e-02	6.45e-04	9.06e-03	3.70e-17	- 30	mean	5.35e+00	3.20e+00	3.14e+00	2.00e+00
	std	2.78e-03	3.60e-04	1.12e-03	6.07e-17		std	1.21e+00	8.48e-01	1.41e-01	1.34e+00
T <sub>6</sub>	median	4.01e+00	2.45e+00 (+)	3.13e+00	2.00e+00 (+)	T <sub>31</sub>	median	3.39e+02	3.98e+01 (+)		4.38e+01 (+)
	mean	4.16e+00	2.57e+00	3.15e+00	2.13e+00	J.	mean	3.34e+02	3.96e+01	3.31e+02	4.56e+01
	std	7.67e-01	1.38e+00	8.96e-02	1.10e+00		std	1.39e+01	7.76e+00	1.35e+01	1.26e+01
$T_7$	median	3.35e+02	4.28e+01 (+)	3.33e+02	4.43e+01 (+)	T <sub>32</sub>	median	1.09e-02	5.44e-04 (+)	9.30e-03	0.00e+00 (+)
	mean	3.34e+02	4.34e+01	3.31e+02	4.58e+01		mean	1.13e-02	5.89e-04	9.18e-03	3.70e-17
	std	1.45e+01	9.23e+00	1.52e+01	1.11e+01		std	2.09e-03	4.09e-04	8.70e-04	6.07e-17
$T_8$	median	1.38e-02		8.83e-03	0.00e+00 (+)	T <sub>33</sub>	median	4.51e+00	3.01e+00 (+)	3.19e+00	1.64e+00 (+)
	mean	1.62e-02	8.99e-04	8.87e-03	4.81e-17		mean	4.51e+00	2.88e+00	3.18e+00	1.82e+00
	std	6.86e-03	6.20e-04	1.00e-03	6.95e-17		std	8.18e-01	1.49e+00	1.30e-01	1.39e+00
T <sub>9</sub>		4.44e+00	2.33e+00 (+)		2.78e+00 (≈)	T <sub>34</sub>	median	3.26e+02	4.23e+01 (+)		4.78e+01 (+)
	mean	4.79e+00	3.06e+00	3.13e+00	2.50e+00		mean	3.28e+02	4.32e+01	3.28e+02	4.70e+01
	std	1.21e+00	1.76e+00	1.32e-01	1.63e+00		std	1.58e+01	6.60e+00	1.50e+01	8.14e+00
$T_{10}$	median	3.34e+02	4.03e+01 (+)		4.73e+01 (+)	T <sub>35</sub>	median	4.20e-02	( )	9.13e-03	0.00e+00 (+)
	mean	3.33e+02	4.07e+01		4.65e+01		mean	8.66e-02		9.03e-03	3.70e-17
	std	9.13e+00	9.03e+00	1.19e+01	1.02e+01		std	1.31e-01	7.89e-04	1.16e-03	6.73e-17
$T_{11}$	median	1.48e-02		9.22e-03	0.00e+00 (+)	T <sub>36</sub>	median	3.69e+00	1.89e+00 (+)		2.06e+00 (+)
	mean	2.67e-02	2.05e-03	9.14e-03	1.11e-17		mean	3.75e+00	2.20e+00	3.16e+00	2.07e+00
	std	3.25e-02	3.80e-03	9.79e-04	3.39e-17		std	4.16e-01	1.14e+00	9.76e-02	1.46e+00
$T_{12}$	median	3.78e+00	2.34e+00 (+)		1.94e+00 (+)	T <sub>37</sub>	median	3.28e+02	4.13e+01 (+)		4.88e+01 (+)
	mean	4.04e+00	2.58e+00	3.20e+00	2.29e+00		mean	3.28e+02	3.92e+01	3.27e+02	5.04e+01
	std	5.70e-01	1.56e+00	7.94e-02	1.88e+00	- T	std	1.60e+01	9.59e+00	1.61e+01	1.13e+01
T <sub>13</sub>	median	3.36e+02	4.13e+01 (+)		4.63e+01 (+)	T <sub>38</sub>	median	1.49e-02		9.38e-03	0.00e+00 (+)
	mean	3.34e+02	4.14e+01	3.30e+02	4.92e+01		mean	2.54e-02		9.16e-03	2.22e-17
	std	1.06e+01	7.71e+00	1.64e+01	1.30e+01	T	std	2.30e-02	2.63e-03	9.37e-04	4.52e-17
T <sub>14</sub>	median	1.56e-02		9.48e-03	0.00e+00 (+)	T <sub>39</sub>	median	4.73e+00	3.00e+00 (+)		1.81e+00 (+)
	mean std	2.38e-02	1.59e-03	9.33e-03	3.33e-17		mean std	5.00e+00	2.96e+00	3.15e+00	1.89e+00
т	median	2.53e-02	1.13e-03	9.63e-04	5.17e-17	т	sta median	1.32e+00 3.37e+02	1.36e+00	1.14e-01	1.55e+00
T <sub>15</sub>	mean	3.77e+00 3.87e+00	1.98e+00 (+)	3.17e+00	1.69e+00 (+) 1.63e+00	T <sub>40</sub>	mean	3.34e+02	3.88e+01 (+) 4.04e+01		4.48e+01 (+) 4.72e+01
	std	5.06e-01	2.64e+00 1.62e+00	1.08e-01	1.03e+00 1.03e+00		std	1.28e+01	6.92e+00	3.34e+02 1.46e+01	1.20e+01
T <sub>16</sub>		3.34e+02	4.08e+01 (+)		4.88e+01 (+)	T <sub>41</sub>	median	1.54e-02		9.40e-03	0.00e+00 (+)
116	mean	3.32e+02	4.03e+01		4.75e+01	14]	mean	1.87e-02		9.37e-03	3.33e-17
	std	1.43e+01	7.68e+00		9.04e+00		std	1.10e-02	3.11e-03	7.71e-04	5.17e-17
T <sub>17</sub>	median	1.19e-02		9.34e-03	0.00e+00 (+)	T <sub>42</sub>	median	4.01e+00		3.20e+00	1.59e+00 (+)
*1/	mean	1.29e-02	1.27e-03	9.35e-03	3.70e-17	* 42	mean	4.12e+00	2.06e+00	3.18e+00	2.11e+00
				9.21e-04	7.90e-17		std	7.36e-01		1.27e-01	1.54e+00
			2.13e+00 (+)	3.20E+00	1.09e+00 (+)		median		4.28e+01 (+)		4.97e+01 (+)
			2.13e+00		1.47e+00		mean	3.30e+02		3.29e+02	5.00e+01
		7.91e-01	1.20e+00	8.15E-02	1.23e+00		std			1.39e+01	1.28e+01
T <sub>19</sub>		3.35e+02	4.13e+01 (+)		4.68e+01 (+)	T <sub>44</sub>	median	9.95e-03	8.60e-04 (+)		0.00e+00 (+)
		3.32e+02	4.16e+01	3.31E+02	4.66e+01		mean	1.00e-02		9.34e-03	2.22e-17
	std	1.51e+01	6.89e+00		8.92e+00		std			7.79e-04	4.52e-17
T <sub>20</sub>	median	1.53e-02	7.27e-04 (+)		0.00e+00 (+)	T <sub>45</sub>	median	4.45e+00	3.08e+00 (+)		1.61e+00 (+)
			1.10e-03	9.16E-03	2.59e-17		mean	4.65e+00	2.97e+00		2.07e+00
	std				4.78e-17		std	9.52e-01		1.10e-01	1.39e+00
$T_{21}$		3.78e+00	2.00e+00 (+)		1.77e+00 (+)	T <sub>46</sub>	median		4.08e+01 (+)		4.78e+01 (+)
					2.17e+00		mean	3.31e+02		3.31e+02	4.74e+01
	std	6.58e-01	1.05e+00		1.44e+00		std	1.51e+01	6.15e+00	1.50e+01	6.40e+00
$T_{22}$			4.08e+01 (+)		4.83e+01 (+)	T <sub>47</sub>	median	1.11e-02	( )	9.33e-03	0.00e+00 (+)
					4.94e+01		mean	1.25e-02		9.24e-03	2.96e-17
L	std		8.44e+00		8.14e+00		std	4.13e-03		8.88e-04	6.48e-17
T <sub>23</sub>			5.16e-04 (+)		0.00e+00 (+)		median	4.11e+00	2.77e+00 (+)		2.01e+00 (+)
					2.59e-17		mean	4.30e+00		3.14e+00	1.85e+00
		3.26e-02	8.14e-04		4.78e-17		std	7.46e-01		1.25e-01	1.40e+00
T <sub>24</sub>		4.34e+00	2.84e+00 (+)		2.21e+00 (+)	T <sub>49</sub>	median	3.42e+02	4.48e+01 (+)		4.83e+01 (+)
					2.28e+00		mean	3.38e+02		3.31e+02	5.03e+01
		9.60e-01			1.80e+00		std	1.51e+01		1.22e+01	1.01e+01
T <sub>25</sub>		3.30e+02	4.18e+01 (+)		4.78e+01 (+)	T <sub>50</sub>	median	1.35e-02		9.04e-03	0.00e+00 (+)
		3.30e+02	4.28e+01		4.61e+01		mean	1.57e-02			2.96e-17
	std	1.15e+01	9.35e+00	1.87E+01	8.93e+00		std	8.19e-03	7.38e-04	7.43e-04	4.99e-17

**Table S1.6.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S6** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7.08e+01 1.77e+00 8.99e-03 9.01e-03 7.40e-04 1.55e+04 1.55e+04 1.55e+04 1.54e+01 6.98e+01 6.98e+01 9.01e-03 9.08e-03 8.69e-04 1.58e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 1.56e+04 1.56e+04	AMaLGaM 4.00e+01 (+) 5.35e+01 3.49e+01 4.45e-06 (+) 4.27e-06 1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.88e-06 (+) 4.79e-06 1.24e-06 1.24e-06 1.24e-06 1.24e-06	$ T_{ask} \\ T_{26} \\ T_{27} \\ T_{28} \\ T_{29} \\ T_{30} \\ T_{31} \\ T_{32} \\ T_{33} \\ $	Stats. median mean std median	EDA  1.38e-02 1.54e-02 1.54e-02 6.68e-03 1.55e+04 1.55e+04 1.55e+04 1.55e+02 1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 1.56e+04 1.56e+04 1.56e+04 1.56e+02 1.12e+02 1.13e+02 1.13e+02 1.25e-02 1.25e-02 1.37e-02	3.74e-04 7.63e-04 1.10e+04 (+) 1.09e+04 8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04	AMaLGaM 9.04e-03 8.92e-03 1.05e-03 1.55e+04 1.54e+04 4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00 9.44e-03	AMaLGaM 4.48e-06 (+) 4.66e-06 1.22e-06 9.71e+03 (+) 9.70e+03 8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01 6.42e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7.08e+01 1.77e+00 8.99e-03 9.01e-03 7.40e-04 1.55e+04 1.55e+04 1.55e+04 1.54e+01 6.98e+01 6.98e+01 9.01e-03 9.08e-03 8.69e-04 1.58e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 1.56e+04 1.56e+04	5.35e+01 3.49e+01 4.45e-06 (+) 4.27e-06 1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.95e+01 1.59e+01 1.59e+01 1.59e+01 1.59e+01 1.59e+01 1.59e+01 1.59e+01 1.59e+06 1.24e-06	T <sub>27</sub> T <sub>28</sub> T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	mean std median	1.54e-02 6.68e-03 1.55e+04 1.55e+04 1.55e+04 1.37e+02 1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 1.56e+04 1.2e+02 1.12e+02 1.12e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02 1.13e+02	3.74e-04 7.63e-04 1.10e+04 (+) 1.09e+04 8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (−) 4.05e+03 1.21e+04 9.26e-05 (+)	8.92e-03 1.05e-03 1.55e+04 1.55e+04 1.54e+04 4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 2.89e+00	4.66e-06 1.22e-06 9.71e+03 (+) 9.70e+03 8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c} \text{std} & 1.17\text{e}{+}01 & 2.96\text{e}{+}03 \\ \hline T_2 & \text{median} & 1.42\text{e}{-}02 & 8.48\text{e}{-}05 \ (+) \\ \hline \text{mean} & 2.18\text{e}{-}02 & 5.21\text{e}{-}04 \\ \hline \text{std} & 2.43\text{e}{-}02 & 1.61\text{e}{-}03 \\ \hline T_3 & \text{median} & 1.56\text{e}{+}04 & 1.09\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.55\text{e}{+}04 & 1.08\text{e}{+}04 \ (+) \\ \hline \text{std} & 3.38\text{e}{+}02 & 1.12\text{e}{+}03 \\ \hline \text{T}_4 & \text{median} & 1.38\text{e}{+}02 & 1.45\text{e}{+}02 \ (\approx) \\ \hline \text{mean} & 1.75\text{e}{+}02 & 5.38\text{e}{+}03 \\ \hline \text{std} & 1.02\text{e}{+}02 & 1.59\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.62\text{e}{-}02 & 2.26\text{e}{-}04 \\ \hline \text{std} & 1.98\text{e}{-}02 & 2.91\text{e}{-}04 \\ \hline \text{T}_5 & \text{median} & 1.57\text{e}{+}04 & 1.10\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.55\text{e}{+}04 & 1.10\text{e}{+}04 \ (+) \\ \hline \text{std} & 5.12\text{e}{+}02 & 1.01\text{e}{+}03 \\ \hline \text{T}_7 & \text{median} & 1.13\text{e}{+}02 & 2.22\text{e}{+}02 \ (\approx) \\ \hline \text{mean} & 1.66\text{e}{+}02 & 5.63\text{e}{+}03 \\ \hline \text{std} & 2.37\text{e}{+}02 & 1.25\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.27\text{e}{-}02 & 2.35\text{e}{-}04 \ (+) \\ \hline \text{std} & 5.89\text{e}{-}03 & 3.83\text{e}{-}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline \text{mean} & 1.57\text{e}{+}04 & 1.12\text{e}{+}04 \ (+) \\ \hline $	1.77e+00 8.99e-03 9.01e-03 7.40e-04 1.55e+04 1.55e+04 1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 1.56e+04 4.36e+02	3.49e+01 4.45e-06 (+) 4.27e-06 1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>28</sub> T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	std median mean std median std median	6.68e-03 1.55e+04 1.55e+04 4.37e+02 1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 2.50e-02	7.63e-04 1.10e+04 (+) 1.09e+04 8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.05e-03 1.55e+04 1.54e+04 4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 2.89e+00	1.22e-06 9.71e+03 (+) 9.70e+03 8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	8.99e-03 9.01e-03 7.40e-04 1.55e+04 1.55e+04 1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 1.56e+04 1.56e+04 4.36e+02	4.45e-06 (+) 4.27e-06 1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>28</sub> T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	median mean std	1.55e+04 1.55e+04 4.37e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.12e+02 1.12e+02 1.13e+02 1.13e+02 1.13e+02	1.10e+04 (+) 1.09e+04 8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.55e+04 1.54e+04 4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	9.71e+03 (+) 9.70e+03 8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9.01e-03 7.40e-04 1.55e+04 1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	4.27e-06 1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>28</sub> T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	mean std median mean std	1.55e+04 4.37e+02 1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.13e+02 1.13e+02 1.57e-02 2.50e-02	1.09e+04 8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.54e+04 4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 2.89e+00	9.70e+03 8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	7.40e-04 1.55e+04 1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	1.04e-06 9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	std median mean std	4.37e+02 1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	8.71e+02 2.71e+02 (≈) 2.81e+03 8.89e+03 8.89e+03 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	4.45e+02 7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 2.89e+00	8.74e+02 3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.55e+04 1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	9.39e+03 (+) 9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.95e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	median mean std std median	1.17e+02 1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	2.71e+02 (≈) 2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	7.07e+01 7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 2.89e+00	3.66e+01 (+) 5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.54e+04 4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 8.01e-04 1.56e+04 4.36e+02	9.50e+03 6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>29</sub> T <sub>30</sub> T <sub>31</sub>	mean std median mean std median mean std median mean std median mean std std median	1.23e+02 3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 2.50e-02	2.81e+03 8.89e+03 8.55e-05 (+) 3.94e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	7.05e+01 1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	5.31e+01 4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4.48e+02 6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	6.64e+02 3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>30</sub> T <sub>31</sub>	std median mean std median mean std median mean std median mean std median std	3.31e+01 1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 2.50e-02	8.89e+03 8.55e-05 (+) 3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.94e+00 9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	4.39e+01 4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.97e+01 6.98e+01 2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	3.65e+01 (+) 4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>30</sub> T <sub>31</sub>	median mean std median mean std median metian median mean std median mean std	1.16e-02 1.38e-02 9.51e-03 1.56e+04 1.56e+04 1.52e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	8.55e-05 (+) 3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	9.07e-03 9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	4.42e-06 (+) 4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.98e+01 2.56e+00 9.01e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	4.46e+01 2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>30</sub> T <sub>31</sub>	mean std median mean std median mean std median mean std	1.38e-02 9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	3.94e-04 7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	9.09e-03 8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	4.51e-06 1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	2.56e+00 9.01e-03 9.08e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	2.43e+01 4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>31</sub>	std median mean std median mean std median mean std	9.51e-03 1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	7.36e-04 1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	8.00e-04 1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	1.52e-06 9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9.01e-03 9.08e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	4.76e-06 (+) 4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>31</sub>	median mean std median mean std median mean std	1.56e+04 1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	1.09e+04 (+) 1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.55e+04 1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	9.91e+03 (+) 9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9.08e-03 8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	4.90e-06 1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>31</sub>	mean std median mean std median mean std std median mean std	1.56e+04 5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	1.09e+04 6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	1.54e+04 3.56e+02 6.96e+01 6.96e+01 2.89e+00	9.80e+03 1.01e+03 3.89e+01 (+) 6.41e+01
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8.69e-04 1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	1.04e-06 9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>32</sub>	std median mean std median mean std	5.27e+02 1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	6.71e+02 2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	3.56e+02 6.96e+01 6.96e+01 2.89e+00	1.01e+03 3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.58e+04 1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	9.63e+03 (+) 9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>32</sub>	median mean std median mean std	1.12e+02 1.40e+02 1.13e+02 1.57e-02 2.50e-02	2.46e+02 (-) 4.05e+03 1.21e+04 9.26e-05 (+)	6.96e+01 6.96e+01 2.89e+00	3.89e+01 (+) 6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.57e+04 4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	9.55e+03 1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>32</sub>	mean std median mean std	1.40e+02 1.13e+02 1.57e-02 2.50e-02	4.05e+03 1.21e+04 9.26e-05 (+)	6.96e+01 2.89e+00	6.41e+01
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4.07e+02 6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	1.02e+03 3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	J2	std median mean std	1.13e+02 1.57e-02 2.50e-02	1.21e+04 9.26e-05 (+)	2.89e+00	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.98e+01 6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	3.68e+01 (+) 4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	J2	median mean std	1.57e-02 2.50e-02	9.26e-05 (+)		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6.97e+01 3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	4.05e+01 1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	J2	mean std	2.50e-02			4.52e-06 (+)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	3.04e+00 9.24e-03 9.19e-03 8.01e-04 1.56e+04 4.36e+02	1.59e+01 4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>33</sub>	std			9.33e-03	4.49e-06
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	9.24e-03 9.19e-03 8.01e-04 1.56e+04 1.56e+04 4.36e+02	4.88e-06 (+) 4.79e-06 1.24e-06	T <sub>33</sub>			5.18e-04	1.09e-03	1.18e-06
mean         1.27e-02         2.35e-04           std         5.89e-03         3.83e-04           T <sub>9</sub> median         1.56e+04         1.12e+04 (+           mean         1.57e+04         1.12e+04           std         3.78e+02         8.16e+02           T <sub>10</sub> median         5.25e+02         1.34e+02 (+           mean         7.26e+02         4.67e+02           std         9.40e+02         7.94e+02           T <sub>11</sub> median         1.27e-02         6.78e-05 (+)	9.19e-03 8.01e-04 1.56e+04 1.56e+04 4.36e+02	4.79e-06 1.24e-06	1 53		1.56e+04		1.55e+04	9.86e+03 (+)
std         5.89e-03         3.83e-04           T <sub>9</sub> median         1.56e+04         1.12e+04 (+           mean         1.57e+04         1.12e+04           std         3.78e+02         8.16e+02           T <sub>10</sub> median         5.25e+02         1.34e+02 (+           mean         7.26e+02         4.67e+02           std         9.40e+02         7.94e+02           T <sub>11</sub> median         1.27e-02         6.78e-05 (+)	8.01e-04 1.56e+04 1.56e+04 4.36e+02	1.24e-06		mean	1.55e+04	1.11e+04 (+)	1.54e+04	9.86e+03
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.56e+04 1.56e+04 4.36e+02			std	4.47e+02	9.58e+02	4.93e+02	8.67e+02
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1.56e+04 4.36e+02		T <sub>34</sub>	median	3.53e+02		7.07e+01	3.70e+01 (+)
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4.36e+02	1.00e+04	± 34	mean	7.88e+02	6.10e+03	7.05e+01	8.39e+01
$\begin{array}{c cccc} T_{10} & \text{median} & 5.25\text{e}{+}02 & 1.34\text{e}{+}02 \text{ (+} \\ \hline mean & 7.26\text{e}{+}02 & 4.67\text{e}{+}02 \\ \text{std} & 9.40\text{e}{+}02 & 7.94\text{e}{+}02 \\ \hline T_{11} & \text{median} & 1.27\text{e}{-}02 & 6.78\text{e}{-}05 \text{ (+)} \\ \end{array}$		1.07e+03		std	1.21e+03	1.52e+04	1.76e+00	1.80e+02
mean         7.26e+02         4.67e+02           std         9.40e+02         7.94e+02           T <sub>11</sub> median         1.27e-02         6.78e-05 (+)	17.12e±01	3.79e+01 (+)	T <sub>35</sub>	median	1.33e-02		8.93e-03	4.54e-06 (+)
std 9.40e+02 7.94e+02 T <sub>11</sub> median 1.27e-02 6.78e-05 (+)	7.14e+01	6.39e+01	1 35	mean	1.71e-02		8.86e-03	4.43e-06
T <sub>11</sub> median 1.27e-02 6.78e-05 (+)	2.75e+00	6.10e+01		std	7.60e-03	6.04e-04	7.30e-04	1.30e-06
	9.02e-03	4.55e-06 (+)	T <sub>36</sub>	median	1.57e+04	1.13e+04 (+)		1.00e+04 (+)
mean 1.63e-02 1.71e-04	9.02e-03	4.51e-06	1 36	mean	1.56e+04	1.11e+04	1.57e+04	9.87e+03
std 1.07e-02 2.53e-04	1.04e-03	1.10e-06		std	3.58e+02	1.04e+03	2.57e+02	1.06e+03
T <sub>12</sub> median 1.56e+04 1.10e+04 (+		9.64e+03 (+)	T <sub>37</sub>	median	9.22e+01	1.38e+02 (≈)		3.83e+01 (≈)
mean 1.55e+04 1.11e+04	1.56e+04	9.64e+03	13/	mean	9.82e+01		7.00e+01	7.28e+01
std 4.51e+02 9.01e+02	4.01e+02	1.03e+03		std	2.05e+01		2.17e+00	6.16e+01
$T_{13}$ median 1.16e+02 4.48e+02 (-	_	3.76e+01 (+)	T <sub>38</sub>	median	2.22e-02		9.11e-03	4.52e-06 (+)
mean 1.52e+02 1.04e+04	6.97e+01	5.04e+01	1 38	mean	6.16e-02		9.24e-03	2.51e-04
std 7.85e+01 1.82e+04	2.46e+00	2.90e+01		std	8.22e-02	8.87e-04	8.39e-04	1.35e-03
$T_{14}$ median 1.66e-02 1.81e-04 (+)	9.09e-03	4.57e-06 (+)	T <sub>39</sub>	median	1.55e+04	1.09e+04 (+)	1.57e+04	9.55e+03 (+)
mean 2.28e-02 7.02e-04	9.15e-03	4.51e-06	1 39	mean	1.56e+04	1.11e+04	1.57e+04	9.57e+03
std 1.59e-02 1.84e-03	7.74e-04	1.19e-06		std	4.28e+02	9.23e+02	3.76e+02	9.37e+02
T <sub>15</sub> median 1.56e+04 1.09e+04 (+		9.80e+03 (+)	T <sub>40</sub>	median	1.24e+02		7.12e+01	3.95e+01 (+)
mean 1.55e+04 1.09e+04	1.55e+04	9.81e+03	140	mean	1.43e+02	1.10e+03	7.09e+01	9.09e+01
std 4.27e+02 8.22e+02	4.48e+02	9.85e+02		std	5.57e+01	2.72e+03	2.80e+00	9.77e+01
$T_{16}$ median 1.13e+02 2.53e+02 (-		3.75e+01 (+)	T <sub>41</sub>	median	2.00e-02		9.21e-03	4.29e-06 (+)
mean 1.28e+02 1.19e+03	7.08e+01	7.05e+01	141	mean	4.10e-02		9.16e-03	4.54e-06
std 4.13e+01 2.86e+03	3.11e+00	1.26e+02		std	5.60e-02	4.47e-04	1.15e-03	1.09e-06
T <sub>17</sub> median 1.50e-02 1.99e-04 (+)	9.45e-03	4.48e-06 (+)	T <sub>42</sub>	median	1.56e+04		1.56e+04	9.86e+03 (+)
mean 2.06e-02 7.65e-04	9.39e-03	4.51e-06	* 42	mean	1.56e+04	1.13e+04	1.54e+04	9.87e+03
std 2.09e-02 2.09e-03	8.26e-04	1.43e-06		std	3.14e+02		6.89e+02	8.23e+02
T <sub>18</sub> median 1.56e+04 1.14e+04 (+		9.66e+03 (+)		median	2.28e+02	3.66e+02 (≈)		3.91e+01 (≈)
mean 1.55e+04 1.14e+04	1.54e+04	9.66e+03		mean	3.12e+02		7.08e+01	1.27e+02
std 4.18e+02 8.14e+02	5.35e+02	1.09e+03		std	2.54e+02		3.00e+00	2.54e+02
$T_{19}$ median 1.20e+02 2.24e+02 ( $\approx$		3.71e+01 (+)	T <sub>44</sub>	median	1.11e-02	1.74e-04 (+)		4.37e-06 (+)
mean 1.49e+02 6.58e+03	6.96e+01	4.48e+01	- 44	mean	1.31e-02		9.36e-03	4.44e-06
std 1.20e+02 1.46e+04	2.58e+00	2.42e+01		std	5.89e-03		8.12e-04	1.37e-06
$T_{20}$ median 1.30e-02 1.92e-04 (+)		4.75e-06 (+)	T <sub>45</sub>	median	1.56e+04	1.10e+04 (+)		9.57e+03 (+)
mean 1.90e-02 2.38e-04		4.72e-06	- 73	mean	1.56e+04			9.64e+03
std 2.55e-02 2.52e-04		1.16e-06		std	3.91e+02			9.20e+02
T <sub>21</sub> median 1.57e+04 1.14e+04 (+		9.63e+03 (+)	T <sub>46</sub>	median	2.42e+02	4.88e+02 ( <b>-</b> )		4.43e+01 (≈)
mean 1.57e+04 1.14e+04		9.66e+03	- 40	mean	3.43e+02		7.33e+01	1.48e+02
std 4.20e+02 8.44e+02	4.88e+02	9.06e+02		std	2.66e+02		3.46e+00	1.80e+02
$T_{22}$ median 1.27e+02 4.49e+02 (-		3.79e+01 (+)	T <sub>47</sub>	median	1.28e-02			4.64e-06 (+)
mean 1.47e+02 9.52e+02		5.33e+01	-4/	mean	1.90e-02			4.66e-06
std 6.39e+01 1.15e+03	2.58e+00	3.49e+01		std	2.48e-02		8.40e-04	1.29e-06
$T_{23}$ median 1.22e-02 1.11e-04 (+)	_	4.56e-06 (+)	T <sub>48</sub>	median	1.57e+04	1.13e+04 (+)		9.93e+03 (+)
mean 1.96e-02 2.17e-04	9.01e-03	4.50e-06	- 40	mean	1.57e+04			9.87e+03
std 2.72e-02 4.08e-04	9.65e-04	1.18e-06		std	4.14e+02		4.07e+02	9.12e+02
T <sub>24</sub> median 1.58e+04 1.10e+04 (+		9.61e+03 (+)	T <sub>49</sub>	median	1.06e+02	1.43e+02 (≈)		3.87e+01 (≈)
mean 1.58e+04 1.11e+04		9.66e+03	1 49	mean	1.09e+02		7.01e+01	8.12e+01
std 4.74e+02 9.15e+02	4.18e+02	7.70e+02		std	2.44e+01			7.36e+01
$T_{25}$ median $1.06e+02$ $1.36e+02$ ( $\approx$		3.77e+01 (+)	T <sub>50</sub>	median	1.56e-02			4.94e-06 (+)
mean 1.23e+02 1.32e+03	7.06e+01	6.02e+01	± 30	mean	2.71e-02		9.11e-03	4.78e-06
std 4.35e+01 3.03e+03	2.41e+00	7.56e+01		std	3.12e-02	1.53e-03	1.03e-03	1.32e-06

**Table S1.7.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S7** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
T <sub>1</sub>	median	1.04e+00	4.37e-12 (+)	3.58e-01	AMaLGaM 5.43e-13 (+)	T <sub>26</sub>	median	3.37e+02	4.43e+01 (+)	3 34e+02	AMaLGaM 4.18e+01 (+)
- 11	mean	1.21e+00			5.52e-13	1 26			4.51e+01		4.31e+01
-	std	6.61e-01	1.68e-12	2.05e-02	1.17e-13		std		1.00e+01	1.92e+01	1.05e+01
T <sub>2</sub>	median	3.39e+02	4.38e+01 (+)		4.63e+01 (+)	T <sub>27</sub>			2.76e+00 (+)		1.95e+00 (+)
12	mean	3.35e+02			4.84e+01	127			2.65e+00	3.16e+00	1.97e+00
	std	1.28e+01	7.57e+00	9.55e+00	1.22e+01				1.03e+00	1.19e-01	1.29e+00
T <sub>3</sub>	median	5.48e+00	2.73e+00 (+)		1.83e+00 (+)	T <sub>28</sub>				3.52e-01	5.60e-13 (+)
- 13	mean	5.89e+00		3.15e+00	2.02e+00	1 28	mean		3.14e-12	3.51e-01	5.84e-13
	std	1.61e+00	1.52e+00	1.24e-01	1.36e+00				1.61e-12	2.42e-02	1.30e-13
$T_4$	median	1.18e+00		3.64e-01	5.50e-13 (+)	T <sub>29</sub>			4.33e+01 (+)		4.73e+01 (+)
-4	mean	1.21e+00	3.19e-12	3.62e-01	5.42e-13	- 29	mean		4.37e+01	3.31e+02	4.90e+01
	std	4.83e-01	1.65e-12	1.91e-02	9.67e-14		std		7.86e+00	1.52e+01	1.06e+01
T <sub>5</sub>	median	3.35e+02	3.90e+01 (+)		4.83e+01 (+)	T <sub>30</sub>	median		2.93e+00 (+)		2.06e+00 (+)
	mean	3.35e+02			4.96e+01	50			3.08e+00	3.20e+00	2.20e+00
	std	1.23e+01	8.76e+00	1.39e+01	1.01e+01		std	9.21e-01	1.58e+00	9.91e-02	1.33e+00
T <sub>6</sub>	median	3.92e+00	2.76e+00 (+)	3.15e+00	1.85e+00 (+)	T <sub>31</sub>	median	1.65e+00	4.26e-12 (+)	3.53e-01	5.05e-13 (+)
	mean	4.26e+00	3.13e+00	3.15e+00	1.85e+00		mean	1.51e+00	3.16e-12	3.55e-01	5.24e-13
	std	1.03e+00	1.73e+00	9.67e-02	1.43e+00		std	6.77e-01	1.61e-12	3.06e-02	1.09e-13
$T_7$	median	1.07e+00	4.39e-12 (+)	3.50e-01	5.39e-13 (+)	$T_{32}$	median	3.33e+02	4.17e+01 (+)	3.34e+02	4.97e+01 (+)
	mean	1.19e+00	3.21e-12	3.51e-01	5.55e-13		mean	3.30e+02	4.17e+01	3.30e+02	4.90e+01
	std	6.14e-01	1.65e-12		8.17e-14		std	1.34e+01	9.05e+00	1.53e+01	1.15e+01
$T_8$	median	3.34e+02	4.33e+01 (+)		4.93e+01 (+)	T <sub>33</sub>			2.21e+00 (+)		1.20e+00 (+)
	mean	3.29e+02	4.33e+01		4.79e+01					3.17e+00	1.25e+00
	std	1.67e+01	9.25e+00	1.46e+01	1.07e+01	_	std		1.51e+00	1.18e-01	7.81e-01
T <sub>9</sub>	median	4.47e+00	2.84e+00 (+)		2.90e+00 (≈)	T <sub>34</sub>				3.48e-01	5.55e-13 (+)
	mean	4.58e+00		3.18e+00	2.58e+00				3.16e-12	3.51e-01	5.65e-13
	std	8.82e-01	1.50e+00	1.25e-01	1.29e+00		std		1.63e-12	2.59e-02	1.41e-13
$T_{10}$	median	5.34e-01	- ( )		5.71e-13 (+)	T <sub>35</sub>			3.74e+01 (+)		4.93e+01 (+)
	mean	6.56e-01	3.21e-12		5.81e-13		mean				4.99e+01
	std	3.64e-01	1.66e-12	2.79e-02	1.22e-13		std		9.29e+00	8.90e+00	9.75e+00
$T_{11}$	median	3.31e+02	4.13e+01 (+)		4.68e+01 (+)	T <sub>36</sub>			2.88e+00 (+)		2.05e+00 (+)
	mean	3.31e+02	4.27e+01		4.80e+01				3.12e+00	3.16e+00	2.29e+00
	std	1.28e+01	9.01e+00	1.48e+01	7.56e+00		std		1.59e+00	1.21e-01	1.65e+00
$T_{12}$	median	4.31e+00	2.79e+00 (+)		2.26e+00 (+)	T <sub>37</sub>	median			3.52e-01	5.34e-13 (+)
	mean	4.58e+00	3.12e+00	3.17e+00	2.29e+00		mean		3.20e-12		5.38e-13
	std	1.11e+00	1.58e+00	1.03e-01	1.07e+00	- T	std	7.57e-01	1.64e-12		9.97e-14
T <sub>13</sub>	median	5.21e-01		3.51e-01	5.60e-13 (+)	T <sub>38</sub>	median		4.28e+01 (+)		4.68e+01 (+)
	mean	6.47e-01			5.36e-13		mean		4.39e+01		4.81e+01
- T	std	3.27e-01	1.61e-12	2.76e-02	8.98e-14	T	std		7.65e+00	1.22e+01	8.13e+00
T <sub>14</sub>	median	3.36e+02	4.08e+01 (+)		4.68e+01 (+)	T <sub>39</sub>			1.93e+00 (+)		1.52e+00 (+)
	mean std	3.34e+02	4.04e+01		4.72e+01		mean			3.13e+00	1.76e+00
т		1.34e+01	8.35e+00		9.60e+00	т	std median		1.13e+00	9.81e-02	1.57e+00
T <sub>15</sub>	median mean	5.65e+00 5.64e+00	3.70e+00 (+)	3.17e+00 3.17e+00	1.98e+00 (+) 2.72e+00	T <sub>40</sub>			4.31e-12 (+) 3.21e-12	3.58e-01 3.59e-01	5.44e-13 (+) 5.56e-13
-	std	9.94e-01	3.65e+00 1.49e+00		2.72e+00 2.13e+00		mean std		1.66e-12	2.66e-02	1.14e-13
T <sub>16</sub>	median	9.80e-01			5.55e-13 (+)	T <sub>41</sub>	median		4.58e+01 (+)		4.68e+01 (+)
116	mean	1.05e+00	3.13e-12		5.58e-13	141			4.54e+01		4.71e+01
-	std	4.78e-01	1.59e-12	2.03e-02	1.01e-13		std		8.31e+00		9.59e+00
T <sub>17</sub>	median	3.34e+02	4.38e+01 (+)		4.78e+01 (+)	T <sub>42</sub>			2.42e+00 (+)		1.60e+00 (+)
-1/	mean	3.34e+02			4.58e+01	* 42				3.17e+00	1.68e+00
		1.17e+01			1.04e+01						1.23e+00
		4.84e+00	2.53e+00 (+)		2.23e+00 (+)				4.10e-12 (+)		5.66e-13 (+)
- 10	mean	4.81e+00			2.27e+00	- 43					5.57e-13
	std	9.72e-01			1.74e+00						9.20e-14
T <sub>19</sub>	median	9.63e-01	4.29e-12 (+)		5.18e-13 (+)	T <sub>44</sub>			4.04e+01 (+)		4.93e+01 (+)
	mean	1.24e+00	3.18e-12	3.56e-01	5.37e-13						4.86e+01
	std	7.28e-01			1.23e-13				7.58e+00	1.46e+01	1.02e+01
T <sub>20</sub>	median	3.37e+02	4.34e+01 (+)		4.53e+01 (+)	T <sub>45</sub>			2.27e+00 (+)	3.12e+00	2.09e+00 (+)
		3.38e+02			4.61e+01						2.14e+00
	std	1.12e+01			9.90e+00		std	7.08e-01			1.43e+00
T <sub>21</sub>	median	4.07e+00	2.85e+00 (+)		2.41e+00 (+)	T <sub>46</sub>			4.36e-12 (+)	3.44e-01	5.27e-13 (+)
	mean	4.20e+00		3.15e+00	2.21e+00				3.20e-12	3.42e-01	5.40e-13
	std	6.84e-01			1.47e+00		std			2.83e-02	1.06e-13
T <sub>22</sub>	median	9.49e-01	4.36e-12 (+)		5.28e-13 (+)	T <sub>47</sub>			4.18e+01 (+)	3.35e+02	4.83e+01 (+)
	mean	1.21e+00			5.41e-13					3.29e+02	4.77e+01
	std	6.94e-01			9.01e-14				7.19e+00		8.93e+00
$T_{23}$		3.35e+02	4.38e+01 (+)		5.27e+01 (+)	$T_{48}$			2.84e+00 (+)		1.55e+00 (+)
	mean	3.34e+02			5.26e+01					3.18e+00	1.71e+00
	std	1.23e+01			1.18e+01				1.76e+00	1.27e-01	1.22e+00
$T_{24}$		4.80e+00	2.96e+00 (+)		1.62e+00 (+)	T <sub>49</sub>			4.40e-12 (+)		5.09e-13 (+)
		5.03e+00			1.95e+00						5.26e-13
	std	1.21e+00			1.41e+00						8.44e-14
T <sub>25</sub>	median	6.83e-01	4.33e-12 (+)		5.75e-13 (+)	T <sub>50</sub>			4.28e+01 (+)		4.58e+01 (+)
	mean	8.52e-01			5.58e-13						4.64e+01
1	std	5.46e-01	1.68e-12	3.13e-02	7.87e-14		std	1.64e+01	8.61e+00	1.36e+01	1.12e+01

**Table S1.8.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S8** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
T <sub>1</sub>	median	6.33e+06	1.46e+02 (+)		AMaLGaM 3.56e+01 (+)	T <sub>26</sub>	median		2.01e+02 (+)		AMaLGaM 3.78e+01 (+)
- 1	mean	6.48e+06			4.71e+01	1 26	mean	1.18e+07	1.24e+03	6.95e+01	1.23e+02
	std	2.39e+06			3.53e+01		std		2.50e+03	1.91e+00	3.22e+02
T <sub>2</sub>	median	1.15e+01		4.32e-01	1.84e-03 (+)	T <sub>27</sub>	median			4.25e-01	1.83e-03 (+)
12	mean	1.17e+01		4.30e-01	1.96e-03	12/	mean			4.22e-01	1.98e-03
	std	8.26e-01			5.26e-04		std	1.14e+00	1.89e-12	3.27e-02	4.86e-04
T <sub>3</sub>	median	1.43e+03	3.98e+01 (+)		4.43e+01 (+)	T <sub>28</sub>	median		4.28e+01 (+)		4.88e+01 (+)
	mean	1.40e+03			4.80e+01	20	mean		4.19e+01	3.29e+02	4.91e+01
	std	1.62e+02		1.79e+01	1.20e+01		std		8.32e+00	1.37e+01	1.14e+01
$T_4$	median	3.32e+00	8.48e-04 (+)	9.16e-03	1.41e-06 (+)	T <sub>29</sub>	median	2.81e+00	7.23e-04 (+)	9.29e-03	1.49e-06 (+)
	mean	3.34e+00	1.30e-03	9.25e-03	1.63e-06		mean	2.87e+00	9.73e-04	9.39e-03	1.73e-06
	std	2.79e-01	1.30e-03	9.31e-04	6.79e-07		std	2.39e-01	9.46e-04	8.22e-04	8.35e-07
$T_5$	median	1.48e+01	5.73e+00 (+)	3.27e+00	3.54e+00 (≈)	T <sub>30</sub>	median	1.96e+01	6.39e+00 (+)	3.30e+00	4.32e+00 (≈)
	mean	1.48e+01	5.64e+00	3.29e+00	3.69e+00		mean	1.96e+01	6.58e+00	3.27e+00	4.62e+00
	std	2.12e+00		1.56e-01	1.79e+00		std	1.97e+00	2.79e+00	1.59e-01	2.81e+00
$T_6$	median	3.17e+06	2.04e+02 (+)		3.59e+01 (+)	$T_{31}$	median			7.05e+01	3.84e+01 (+)
	mean	3.77e+06			3.66e+01		mean		6.76e+02	7.13e+01	1.19e+02
	std	1.62e+06		2.59e+00	3.78e+00	_	std	8.98e+06	1.13e+03	3.19e+00	1.53e+02
$T_7$	median	7.81e+00		3.98e-01	1.86e-03 (+)	T <sub>32</sub>	median			4.20e-01	1.84e-03 (+)
	mean	7.66e+00		3.99e-01	1.97e-03		mean		3.23e-12	4.23e-01	1.96e-03
	std	1.55e+00			5.00e-04	т	std	1.22e+00	1.90e-12	2.93e-02	6.10e-04
T <sub>8</sub>	median	1.64e+03	3.93e+01 (+)		4.68e+01 (+)	T <sub>33</sub>	median		4.23e+01 (+)		4.58e+01 (+)
1	mean	1.64e+03			4.76e+01		mean		4.33e+01	3.29e+02	4.58e+01
т	std median	2.23e+02	1.10e+01		1.18e+01	т	std median		6.70e+00	1.28e+01 8.99e-03	8.69e+00
T <sub>9</sub>	median	3.63e+00		9.36e-03	1.51e-06 (+)	T <sub>34</sub>	median		( )		1.55e-06 (+)
<u> </u>	mean std	3.63e+00 2.50e-01		9.23e-03 7.78e-04	1.77e-06 1.24e-06		mean std		9.84e-04 9.12e-04	9.10e-03 6.81e-04	1.85e-06 1.05e-06
T <sub>10</sub>	median	1.48e+01	6.63e+00 (+)		5.53e+00 ( <b>–</b> )	T <sub>35</sub>	sta median	2.57e-01 2.08e+01		3.27e+00	1.05e-06 4.11e+00 (≈)
<b>1</b> 10	mean	1.48e+01 1.52e+01	,		5.45e+00 ( <b>–)</b>	1 35	mean		5.46e+00	3.26e+00	4.24e+00 (~)
	std	2.01e+00			2.31e+00		std	2.23e+00	1.94e+00	9.76e-02	2.28e+00
T <sub>11</sub>	median	3.58e+06	1.10e+03 (+)		3.49e+01 (+)	T <sub>36</sub>	median		2.94e+02 (+)		3.52e+01 (+)
*11	mean	3.73e+06			3.64e+01	1 30	mean		9.69e+02	7.08e+01	6.89e+01
	std	1.41e+06		1.96e+00	7.76e+00		std	2.57e+05	1.44e+03	1.82e+00	1.10e+02
T <sub>12</sub>	median	8.90e+00		4.12e-01	1.80e-03 (+)	T <sub>37</sub>	median			4.29e-01	1.78e-03 (+)
-12	mean	8.87e+00		4.05e-01	1.93e-03	- 37	mean		6.50e-03	4.32e-01	1.97e-03
	std	1.25e+00			4.00e-04		std		3.56e-02	3.88e-02	5.71e-04
T <sub>13</sub>	median	1.07e+03	4.23e+01 (+)	3.31e+02	4.88e+01 (+)	T <sub>38</sub>	median	2.43e+03	4.13e+01 (+)	3.30e+02	4.93e+01 (+)
	mean	1.08e+03	4.41e+01	3.29e+02	5.01e+01		mean	2.52e+03	4.30e+01	3.29e+02	4.83e+01
	std	1.60e+02	7.68e+00	1.42e+01	1.42e+01		std	2.99e+02	1.06e+01	1.53e+01	1.16e+01
$T_{14}$	median	1.71e+00		9.26e-03	1.45e-06 (+)	T <sub>39</sub>	median			9.07e-03	1.58e-06 (+)
	mean	1.73e+00		9.18e-03	1.77e-06		mean		9.68e-04	9.05e-03	1.88e-06
	std	1.35e-01		8.39e-04	1.17e-06		std	2.18e-01	7.74e-04	8.28e-04	1.01e-06
T <sub>15</sub>	median	2.14e+01	6.66e+00 (+)		4.95e+00 ( <b>–</b> )	$T_{40}$	median			3.27e+00	3.89e+00 (≈)
	mean	2.14e+01			4.76e+00		mean		5.87e+00	3.25e+00	4.12e+00
-	std	2.29e+00			2.09e+00	- T	std		2.83e+00	1.16e-01	2.26e+00
T <sub>16</sub>	median	3.99e+07	1.33e+02 (+)		3.81e+01 (+)	T <sub>41</sub>	median			7.16e+01	4.20e+01 (≈)
	mean	3.94e+07			8.20e+01		mean		4.16e+03	7.11e+01	2.53e+02
T <sub>17</sub>	std median	8.61e+06 1.00e+01		4.07e+00 4.29e-01	1.06e+02 1.89e-03 (+)	T <sub>42</sub>	std median		1.81e+04 4.75e-12 (+)	2.75e+00 4.31e-01	4.98e+02 1.88e-03 (+)
1 17	median mean	1.00e+01 1.00e+01		4.29e-01 4.16e-01	1.89e-03 (+) 1.96e-03	1 42	median mean		4.75e-12 (+) 1.06e-01	4.31e-01 4.29e-01	1.88e-03 (+) 1.98e-03
<b>—</b>		1.08e+00			4.52e-04					3.78e-02	5 41 04
	median	2.97e+03	1.25e-02 4.53e+01 (+)		4.83e+01 (+)		median		3.98e+01 (+)	3.36e+02	5.41e-04 4.63e+01 (+)
	mean				4.92e+01		mean			3.31e+02	4.80e+01
	std				1.26e+01		std		9.97e+00	1.53e+01	1.26e+01
T <sub>19</sub>	median		8.52e-04 (+)		1.45e-06 (+)	T <sub>44</sub>	median			8.65e-03	1.64e-06 (+)
	mean		1.12e-03	9.00e-03	3.30e-04		mean		1.84e-03	8.61e-03	4.95e-04
	std				1.80e-03		std		1.86e-03	8.22e-04	1.88e-03
T <sub>20</sub>	median	1.81e+01	6.73e+00 (+)		4.63e+00 ( <b>-</b> )	T <sub>45</sub>	median		4.95e+00 (+)		3.35e+00 (≈)
	mean	1.82e+01			4.57e+00		mean			3.28e+00	3.59e+00
	std				1.83e+00		std		2.28e+00	1.16e-01	1.87e+00
$T_{21}$	median		4.05e+04 (+)		3.74e+01 (+)		median		2.69e+02 (+)		3.54e+01 (+)
	mean				3.73e+01		mean			6.90e+01	4.49e+01
<u></u>	std	5.10e+06			8.50e+00				1.28e+04	2.05e+00	2.83e+01
T <sub>22</sub>	median				1.82e-03 (+)		median			4.34e-01	1.77e-03 (+)
<u> </u>	mean				1.96e-03		mean		4.91e-02	4.24e-01	1.93e-03
- T	std	1.16e+00			4.78e-04	T	std		2.69e-01	2.90e-02	5.14e-04
T <sub>23</sub>	median		4.68e+01 (+)		4.68e+01 (+)				4.48e+01 (+)		4.53e+01 (+)
<del></del>	mean				5.01e+01		mean		4.43e+01	3.31e+02	4.63e+01
Т	std				1.14e+01	т			6.95e+00	1.27e+01	9.28e+00
T <sub>24</sub>	median mean	2.24e+00 2.24e+00			1.43e-06 (+) 2.48e-04		median mean		1.09e-03 (+) 1.66e-03	9.32e-03 9.18e-03	1.48e-06 (+) 1.76e-06
-	mean std	1.97e-01			1.35e-03				2.04e-03		9.35e-07
T <sub>25</sub>	median		5.95e+00 (+)		4.64e+00 ( <b>–</b> )	T <sub>50</sub>	median		5.51e+00 (+)		9.55e-07 3.56e+00 (≈)
1 25	mean				4.36e+00		mean		5.50e+00	3.26e+00	3.71e+00 (~)
1	std				2.22e+00				1.96e+00	1.23e-01	1.92e+00
			520.00	01				170.00		1.230 01	1.720.00

**Table S1.9.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S9** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
	median	4.65e+06	2.02e+02 (+)		AMaLGaM 4.24e+01 (≈)		median	1.27e+01		4.47e-01	AMaLGaM 1.65e-03 (+)
$T_1$					4.24e+01 (≈) 1.75e+02	T <sub>26</sub>					
	mean std	4.85e+06 1.60e+06	7.84e+02 1.44e+03	7.30e+01 3.79e+00	3.62e+02		mean std	1.25e+01 8.66e-01	4.91e-02 2.69e-01	4.41e-01 3.70e-02	1.65e-03 4.32e-04
T <sub>2</sub>	median	1.00e+00		4.18e-01	1.68e-03 (+)	T <sub>27</sub>	median	9.40e+02	4.58e+01 (+)		4.97e+01 (+)
12	mean	9.95e+00	3.01e-12 (+)	4.18e-01 4.21e-01	1.74e-03 (+)	1 27	mean	9.40e+02 9.37e+02	4.64e+01 (+)	3.25e+02	4.97e+01 (+) 4.76e+01
	std	1.29e+00	2.06e-12	2.16e-02	3.91e-04		std	1.18e+02	1.14e+01	1.82e+01	9.78e+00
T <sub>3</sub>	median	1.59e+00	4.33e+01 (+)		4.23e+01 (+)	T <sub>28</sub>	median	2.04e+00		9.26e-03	1.12e-06 (+)
13	mean	1.57e+03	4.27e+01	3.27e+02	4.68e+01	1 28	mean	2.04e+00 2.03e+00	1.24e-03	9.08e-03	2.48e-04
	std	2.08e+02	8.75e+00	1.28e+01	1.35e+01		std	1.55e-01	9.98e-04	9.08e-03 9.09e-04	1.35e-03
T <sub>4</sub>	median	1.32e+00		9.31e-03	1.19e-06 (+)	T <sub>29</sub>	median	1.83e+01	4.54e+00 (+)		1.33e-03 4.46e+00 (≈)
14		1.32e+00	1.38e-03	9.15e-03	1.19e-06 (+)	1 29		1.80e+01	4.94e+00 (+)	3.31e+00	4.47e+00 (~)
	mean std	9.22e-02	1.37e-03	7.67e-04	6.54e-07		mean std	1.97e+00	2.09e+00	2.57e-01	2.40e+00
T <sub>5</sub>	median					т	median	1.51e+04			
15		1.60e+01	4.42e+00 (+)		4.00e+00 (-)	T <sub>30</sub>			9.73e+03 (+)		8.63e+03 (+)
	mean std	1.62e+01	4.90e+00	3.39e+00	4.12e+00		mean std	1.49e+04	9.59e+03	1.47e+04	8.40e+03
т		2.14e+00	2.06e+00	1.74e-01	1.96e+00	т		4.77e+02	8.25e+02	5.22e+02	8.58e+02
T <sub>6</sub>	median	1.46e+04	9.53e+03 (+)		8.26e+03 (+)	T <sub>31</sub>	median	6.74e+06	4.90e+02 (+)		3.82e+01 (+)
-	mean std	1.46e+04	9.73e+03	1.44e+04	8.21e+03		mean	7.01e+06	8.83e+02	7.06e+01	7.42e+01
т	1	4.11e+02	7.92e+02	4.58e+02	9.08e+02	т	std	2.67e+06	1.02e+03	2.94e+00	7.37e+01
T <sub>7</sub>	median	1.14e+07	1.39e+03 (+)		3.59e+01 (+)	T <sub>32</sub>	median	1.06e+01		4.17e-01	1.67e-03 (+)
	mean	1.28e+07	8.00e+03	6.97e+01	5.45e+01		mean	1.09e+01	2.96e-12	4.24e-01	1.71e-03
т	std	4.14e+06	1.41e+04	2.52e+00	5.55e+01	т	std	1.33e+00	2.01e-12	3.30e-02	3.76e-04
T <sub>8</sub>	median	9.71e+00		4.10e-01	1.63e-03 (+)	T <sub>33</sub>	median	2.39e+03	4.23e+01 (+)		4.88e+01 (+)
<u> </u>	mean	9.82e+00	2.95e-12	4.11e-01	1.67e-03		mean	2.39e+03	4.26e+01	3.28e+02	5.10e+01
т	std	1.49e+00	2.00e-12	2.21e-02	3.28e-04	т	std	2.47e+02	1.02e+01	1.83e+01	1.18e+01
T <sub>9</sub>	median	1.71e+03	4.23e+01 (+)		4.58e+01 (+)	T <sub>34</sub>	median	1.70e+00		9.14e-03	1.29e-06 (+)
<u> </u>	mean	1.73e+03	4.24e+01	3.29e+02	4.51e+01		mean	1.73e+00	1.59e-03	9.03e-03	2.48e-04
	std	2.41e+02	9.55e+00	1.16e+01	7.97e+00	- Tr	std	1.80e-01	1.66e-03	8.46e-04	1.35e-03
T <sub>10</sub>	median	2.88e+00	1.46e-03 (+)	8.87e-03	1.14e-06 (+)	T <sub>35</sub>	median	2.19e+01		3.35e+00	4.47e+00 (+)
	mean	2.94e+00	1.41e-03	9.07e-03	2.48e-04		mean	2.17e+01	5.71e+00		4.86e+00
	std	2.12e-01	1.12e-03	7.48e-04	1.35e-03	- T	std	2.48e+00	1.91e+00	1.98e-01	2.17e+00
$T_{11}$	median	1.77e+01	4.22e+00 (+)		3.34e+00 (≈)	T <sub>36</sub>	median	1.50e+04	9.58e+03 (+)		8.48e+03 (+)
	mean	1.73e+01	5.06e+00	3.32e+00	3.72e+00		mean	1.49e+04	9.55e+03	1.46e+04	8.32e+03
	std	1.54e+00	2.73e+00	1.22e-01	2.37e+00		std	4.70e+02	8.11e+02	5.00e+02	9.58e+02
$T_{12}$	median	1.47e+04	9.36e+03 (+)		7.87e+03 (+)	T <sub>37</sub>	median	3.16e+07	4.34e+02 (+)		3.60e+01 (+)
	mean	1.47e+04	9.30e+03	1.44e+04	7.67e+03		mean	3.12e+07		6.94e+01	4.20e+01
	std	3.43e+02	7.52e+02	3.31e+02	1.22e+03		std	6.33e+06	9.95e+03	2.49e+00	2.00e+01
T <sub>13</sub>	median	1.97e+07	3.49e+02 (+)		3.57e+01 (+)	T <sub>38</sub>	median	1.12e+01		4.43e-01	1.73e-03 (+)
	mean	2.06e+07	5.66e+03	6.93e+01	3.64e+01		mean	1.15e+01		4.40e-01	1.69e-03
	std	5.18e+06	1.06e+04	2.30e+00	3.16e+00		std	1.18e+00	2.01e-12	3.32e-02	3.71e-04
T <sub>14</sub>	median	8.15e+00	1.53e-12 (+)	3.89e-01	1.75e-03 (+)	T <sub>39</sub>	median	1.33e+03	4.24e+01 (+)		4.78e+01 (+)
	mean	7.95e+00	2.98e-12	3.87e-01	1.70e-03		mean	1.33e+03	4.27e+01	3.28e+02	4.83e+01
- m	std	1.42e+00	2.04e-12	2.95e-02	3.86e-04	- T	std	1.59e+02	8.88e+00	1.62e+01	7.91e+00
$T_{15}$	median	4.05e+03	4.13e+01 (+)		4.83e+01 (+)	$T_{40}$	median	4.35e+00		8.97e-03	1.11e-06 (+)
	mean	4.04e+03	4.15e+01	3.28e+02	4.75e+01		mean	4.33e+00	1.32e-03	8.87e-03	1.24e-06
	std	4.27e+02	8.05e+00	1.85e+01	1.02e+01		std	3.24e-01	1.02e-03	1.02e-03	5.46e-07
T <sub>16</sub>	median	3.16e+00		9.00e-03	1.19e-06 (+)	$T_{41}$	median	1.55e+01	3.40e+00 (+)		2.68e+00 (≈)
	mean	3.20e+00	1.48e-03	9.09e-03	1.25e-06		mean	1.55e+01	3.99e+00	3.29e+00	3.34e+00
	std	2.52e-01	1.92e-03	9.29e-04	5.21e-07		std	1.63e+00	2.23e+00	9.73e-02	2.05e+00
T <sub>17</sub>	median	1.92e+01	4.74e+00 (+)		3.59e+00 (≈)	T <sub>42</sub>	median	1.46e+04		1.41e+04	7.41e+03 (+)
	mean	1.95e+01	5.01e+00	3.31e+00	3.26e+00		mean	1.45e+04	8.66e+03	1.42e+04	7.33e+03
	std	2.10e+00			1.57e+00			4.14e+02	9.42e+02		1.14e+03
	median	1.49e+04	9.23e+03 (+)		8.43e+03 (+)	$T_{43}$	median	2.63e+07	1.70e+02 (+)	6.91e+01	3.64e+01 (+)
	mean	1.48e+04	9.32e+03		8.23e+03		mean	2.71e+07		6.90e+01	5.20e+01
	std	3.95e+02	9.83e+02		9.51e+02		std	6.08e+06			4.48e+01
$T_{19}$	median	2.32e+06	1.28e+02 (+)		3.57e+01 (+)	$T_{44}$	median	1.19e+01	1.49e-12 (+)		1.65e-03 (+)
	mean	2.49e+06	6.33e+03		9.16e+01		mean	1.15e+01		4.32e-01	1.69e-03
	std	9.51e+05		2.75e+00	2.26e+02		std	1.58e+00		3.71e-02	3.92e-04
$T_{20}$	median	1.24e+01	1.51e-12 (+)		1.69e-03 (+)	T <sub>45</sub>	median	2.08e+03	4.18e+01 (+)		4.48e+01 (+)
	mean	1.23e+01			1.70e-03		mean	2.09e+03			4.78e+01
	std	1.00e+00	2.04e-12		3.31e-04		std	2.47e+02			9.13e+00
$T_{21}$	median	1.79e+03	4.18e+01 (+)		4.73e+01 (+)	T <sub>46</sub>	median	2.51e+00	1.05e-03 (+)		1.24e-06 (+)
<u></u>	mean	1.82e+03	4.26e+01		4.77e+01		mean	2.49e+00		9.33e-03	1.21e-06
	std	1.98e+02	1.07e+01	1.63e+01	9.38e+00		std	1.99e-01		8.93e-04	4.83e-07
$T_{22}$		2.03e+00	1.03e-03 (+)		1.10e-06 (+)	$T_{47}$	median	1.55e+01	4.53e+00 (+)		2.44e+00 (≈)
	median			0 00	1.27e-06		mean	1.57e+01			3.18e+00
	mean	2.01e+00	1.59e-03				1 . 1				
	mean std	2.01e+00 1.70e-01	1.59e-03 1.54e-03	6.87e-04	5.41e-07		std	2.03e+00		3.45e-01	2.09e+00
T <sub>23</sub>	mean std median	2.01e+00 1.70e-01 1.40e+01	1.59e-03 1.54e-03 6.87e+00 (+)	6.87e-04 3.52e+00	5.41e-07 3.81e+00 (≈)	T <sub>48</sub>	std median	1.48e+04	9.57e+03 (+)	1.47e+04	7.75e+03 (+)
T <sub>23</sub>	mean std median mean	2.01e+00 1.70e-01 1.40e+01 1.40e+01	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00	6.87e-04 3.52e+00 3.50e+00	5.41e-07 3.81e+00 (≈) 4.12e+00	T <sub>48</sub>	median mean	1.48e+04 1.48e+04	9.57e+03 (+) 9.57e+03	1.47e+04 1.47e+04	7.75e+03 (+) 7.94e+03
	mean std median mean std	2.01e+00 1.70e-01 1.40e+01 1.40e+01 1.55e+00	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00 2.72e+00	6.87e-04 3.52e+00 3.50e+00 1.83e-01	5.41e-07 3.81e+00 (≈) 4.12e+00 2.13e+00		median mean std	1.48e+04 1.48e+04 5.25e+02	9.57e+03 (+) 9.57e+03 1.06e+03	1.47e+04 1.47e+04 4.63e+02	7.75e+03 (+) 7.94e+03 9.96e+02
	mean std median mean	2.01e+00 1.70e-01 1.40e+01 1.40e+01	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00	6.87e-04 3.52e+00 3.50e+00 1.83e-01	5.41e-07 3.81e+00 (≈) 4.12e+00	T <sub>48</sub>	median mean	1.48e+04 1.48e+04	9.57e+03 (+) 9.57e+03	1.47e+04 1.47e+04 4.63e+02	7.75e+03 (+) 7.94e+03
	mean std median mean std	2.01e+00 1.70e-01 1.40e+01 1.40e+01 1.55e+00	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00 2.72e+00	6.87e-04 3.52e+00 3.50e+00 1.83e-01 1.45e+04	5.41e-07 3.81e+00 (≈) 4.12e+00 2.13e+00		median mean std	1.48e+04 1.48e+04 5.25e+02	9.57e+03 (+) 9.57e+03 1.06e+03 4.52e+03 (+)	1.47e+04 1.47e+04 4.63e+02 6.85e+01	7.75e+03 (+) 7.94e+03 9.96e+02
	mean std median mean std median	2.01e+00 1.70e-01 1.40e+01 1.40e+01 1.55e+00 1.45e+04	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00 2.72e+00 9.22e+03 (+)	6.87e-04 3.52e+00 3.50e+00 1.83e-01 1.45e+04 1.44e+04	5.41e-07 3.81e+00 (≈) 4.12e+00 2.13e+00 7.97e+03 (+)		median mean std median	1.48e+04 1.48e+04 5.25e+02 1.43e+07	9.57e+03 (+) 9.57e+03 1.06e+03 4.52e+03 (+) 1.94e+04	1.47e+04 1.47e+04 4.63e+02 6.85e+01 6.89e+01	7.75e+03 (+) 7.94e+03 9.96e+02 3.65e+01 (+)
T <sub>24</sub>	mean std median mean std median mean	2.01e+00 1.70e-01 1.40e+01 1.40e+01 1.55e+00 1.45e+04 1.46e+04	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00 2.72e+00 9.22e+03 (+) 9.19e+03	6.87e-04 3.52e+00 3.50e+00 1.83e-01 1.45e+04 1.44e+04 5.39e+02	5.41e-07 3.81e+00 (≈) 4.12e+00 2.13e+00 7.97e+03 (+) 7.83e+03	T <sub>49</sub>	median mean std median mean	1.48e+04 1.48e+04 5.25e+02 1.43e+07 1.43e+07	9.57e+03 (+) 9.57e+03 1.06e+03 4.52e+03 (+) 1.94e+04	1.47e+04 1.47e+04 4.63e+02 6.85e+01 6.89e+01 2.44e+00	7.75e+03 (+) 7.94e+03 9.96e+02 3.65e+01 (+) 4.65e+01
T <sub>24</sub>	mean std median mean std median mean std std median mean std	2.01e+00 1.70e-01 1.40e+01 1.40e+01 1.55e+00 1.45e+04 1.46e+04 3.41e+02	1.59e-03 1.54e-03 6.87e+00 (+) 6.66e+00 2.72e+00 9.22e+03 (+) 9.19e+03 8.49e+02	6.87e-04 3.52e+00 3.50e+00 1.83e-01 1.45e+04 1.44e+04 5.39e+02 7.21e+01	5.41e-07 3.81e+00 (≈) 4.12e+00 2.13e+00 7.97e+03 (+) 7.83e+03 1.34e+03	T <sub>49</sub>	median mean std median mean std	1.48e+04 1.48e+04 5.25e+02 1.43e+07 1.43e+07 3.93e+06 1.15e+01	9.57e+03 (+) 9.57e+03 1.06e+03 4.52e+03 (+) 1.94e+04 2.64e+04 1.51e-12 (+)	1.47e+04 1.47e+04 4.63e+02 6.85e+01 6.89e+01 2.44e+00	7.75e+03 (+) 7.94e+03 9.96e+02 3.65e+01 (+) 4.65e+01 2.53e+01

**Table S1.10.** The median, mean, and standard deviation of the best fitness values obtained by EDA, MaT-EDA, AMaLGaM, and MaT-AMaLGaM over 30 independent runs on **S10** in WCCI2020 single-objective many-tasking benchmark suite. "+", "−", and "≈" indicate that the corresponding result of MaT-EDA (or MaT-AMaLGaM) is better than, similar to, and worse than that of EDA (or AMaLGaM), respectively

Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-	Task	Stats.	EDA	MaT-EDA	AMaLGaM	MaT-
					AMalGaM						AlviaLGalvi
	median	1.08e+01			4.86e-10 (+)	20	median	1.30e+01			5.49e-10 (+)
	mean	1.08e+01	2.95e-12	4.23e-01	1.86e-08		mean	1.31e+01		4.63e-01	1.88e-08
	std	1.19e+00	1.95e-12	3.03e-02	6.45e-08		std	9.76e-01	2.27e+00	3.83e-02	6.54e-08
	median	1.11e+03	4.08e+01 (+)		4.83e+01 (+)	T <sub>27</sub>	median				4.73e+01 (+)
	mean	1.14e+03	4.13e+01	3.28e+02	5.01e+01		mean	1.32e+03	4.33e+01		4.81e+01
	std	1.77e+02	8.70e+00	1.05e+01	1.13e+01		std	1.52e+02	7.60e+00	1.03e+01	7.30e+00
$T_3$	median	3.05e+00	1.94e-03 (+)	9.41e-03	0.00e+00 (+)	T <sub>28</sub>	median	4.12e+00	1.62e-03 (+)	9.17e-03	0.00e+00 (+)
	mean	3.07e+00	2.34e-03	9.39e-03	2.47e-04		mean	4.13e+00		9.07e-03	1.39e-13
	std	2.82e-01	1.66e-03	7.06e-04	1.35e-03		std	3.15e-01	1.74e-03	9.64e-04	7.46e-13
$T_4$	median	2.01e+01	5.62e+00 (+)	3.34e+00	3.28e+00 (≈)	T <sub>29</sub>	median	1.78e+01		3.36e+00	3.12e+00 (≈)
	mean	1.99e+01	5.87e+00	3.34e+00	3.74e+00		mean	1.82e+01	4.71e+00	3.40e+00	3.06e+00
	std	2.11e+00	2.60e+00	1.14e-01	2.25e+00		std	1.66e+00	2.01e+00	1.79e-01	1.75e+00
	median	1.49e+04	9.42e+03 (+)		7.93e+03 (+)	T <sub>30</sub>	median	1.47e+04		1.46e+04	7.55e+03 (+)
_	mean	1.48e+04	9.50e+03	1.47e+04	8.02e+03		mean	1.47e+04	9.38e+03	1.45e+04	7.59e+03
	std						std		9.79e+02		
		5.30e+02	8.79e+02	4.36e+02	9.62e+02	т		4.68e+02		4.03e+02	1.10e+03
_	median	1.14e+01	1.55e-12 (+)		5.28e-10 (+)		median	1.04e+01		4.17e-01	5.44e-10 (+)
	mean	1.14e+01	2.98e-12	4.22e-01	2.50e-08		mean	1.06e+01		4.20e-01	2.41e-08
	std	8.26e-01	2.00e-12	3.00e-02	8.43e-08		std	1.21e+00	1.90e-12	2.80e-02	8.04e-08
	median	1.39e+03	4.08e+01 (+)		4.68e+01 (+)		median	1.60e+03	4.41e+01 (+)		4.78e+01 (+)
	mean	1.41e+03	4.13e+01		4.64e+01		mean	1.58e+03	4.41e+01		4.80e+01
	std	1.60e+02	8.32e+00	1.59e+01	8.91e+00		std	1.90e+02		9.97e+00	1.18e+01
_	median	2.31e+00	1.65e-03 (+)	8.93e-03	0.00e+00 (+)		median	2.97e+00		9.12e-03	0.00e+00 (+)
	mean	2.28e+00	2.45e-03	8.98e-03	3.10e-15		mean	2.97e+00	2.66e-03	9.23e-03	2.40e-15
	std	2.12e-01	3.03e-03	8.05e-04	1.35e-14		std	2.49e-01	1.85e-03	7.00e-04	1.02e-14
T <sub>9</sub>	median	1.65e+01	4.00e+00 (+)	3.35e+00	3.36e+00 (≈)	T <sub>34</sub>	median	1.51e+01	4.79e+00 (+)	3.38e+00	4.34e+00 (≈)
,	mean	1.66e+01	4.22e+00	3.44e+00	3.61e+00		mean	1.52e+01			4.15e+00
	std	1.66e+00	1.77e+00		2.12e+00		std	2.30e+00		2.69e-01	2.13e+00
	median	1.50e+04	9.96e+03 (+)	1.50e+04	8.94e+03 (+)		median	1.47e+04		1.47e+04	8.27e+03 (+)
	mean	1.50e+04	1.00e+04	1.50e+04	8.82e+03		mean	1.46e+04	9.30e+03	1.46e+04	8.06e+03
	std	5.19e+02	7.43e+02	3.54e+02	1.12e+03		std	5.89e+02	7.31e+02	4.45e+02	8.72e+02
						т					
	median	1.08e+01			5.42e-10 (+)		median	1.17e+01			5.36e-10 (+)
	mean	1.08e+01	2.87e-12	4.13e-01	1.82e-08		mean	1.14e+01		4.35e-01	1.95e-08
	std	1.20e+00	1.83e-12	2.52e-02	6.17e-08		std	1.17e+00		4.29e-02	6.90e-08
	median	1.34e+03	4.03e+01 (+)		4.63e+01 (+)		median	7.95e+02	4.53e+01 (+)		4.78e+01 (+)
	mean	1.34e+03	4.20e+01		4.74e+01		mean	8.06e+02	4.56e+01		4.79e+01
	std	1.84e+02	7.86e+00	9.42e+00	8.67e+00		std	1.04e+02	8.37e+00		9.37e+00
T <sub>13</sub>	median	3.08e+00	1.86e-03 (+)	8.79e-03	0.00e+00 (+)	T <sub>38</sub>	median	3.01e+00		9.62e-03	0.00e+00 (+)
	mean	3.06e+00	2.28e-03	8.73e-03	6.47e-15		mean	3.02e+00	2.58e-03	9.49e-03	5.17e-15
	std	2.93e-01	1.85e-03	7.96e-04	2.56e-14		std	2.48e-01	2.28e-03	8.46e-04	2.01e-14
$T_{14}$	median	1.81e+01	4.50e+00 (+)	3.48e+00	2.97e+00 (≈)	T <sub>39</sub>	median	1.96e+01	4.46e+00 (+)	3.29e+00	3.47e+00 (≈)
	mean	1.80e+01	4.85e+00	3.54e+00	3.57e+00		mean	1.95e+01	4.60e+00	3.30e+00	3.52e+00
	std	1.92e+00	1.71e+00	2.31e-01	2.20e+00		std	1.93e+00	2.13e+00	2.33e-01	1.73e+00
	median	1.48e+04	8.91e+03 (+)		7.57e+03 (+)		median	1.49e+04		1.49e+04	8.36e+03 (+)
	mean	1.48e+04	8.96e+03	1.46e+04	7.51e+03		mean	1.48e+04	9.62e+03	1.48e+04	8.31e+03
	std	3.99e+02	6.68e+02	4.96e+02	1.25e+03		std	4.59e+02		4.19e+02	1.04e+03
	median	1.41e+01	1.55e-12 (+)	4.72e-01	5.43e-10 (+)	T <sub>41</sub>	median	1.23e+01		4.50e-01	5.23e-10 (+)
	mean	1.39e+01		4.78e-01	2.50e-08		mculan	1.230 01	1.340-12(1)	T.30C-01	
	std	9.71e-01					maan	1.222401	2.062.12	4.46a.01	
			1.13e-01				mean	1.22e+01		4.46e-01	2.61e-08
			6.21e-01	3.42e-02	8.40e-08		std	8.82e-01	1.98e-12	3.38e-02	2.61e-08 8.74e-08
	median	1.65e+03	6.21e-01 4.33e+01 (+)	3.42e-02 3.35e+02	8.40e-08 4.78e+01 (+)	T <sub>42</sub>	std median	8.82e-01 2.93e+03	1.98e-12 4.09e+01 (+)	3.38e-02 3.30e+02	2.61e-08 8.74e-08 4.68e+01 (+)
	mean	1.65e+03 1.66e+03	6.21e-01 4.33e+01 (+) 4.31e+01	3.42e-02 3.35e+02 3.32e+02	8.40e-08 4.78e+01 (+) 4.86e+01	T <sub>42</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03	1.98e-12 4.09e+01 (+) 4.08e+01	3.38e-02 3.30e+02 3.26e+02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01
	mean std	1.65e+03 1.66e+03 1.69e+02	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01	3.42e-02 3.35e+02 3.32e+02 1.46e+01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00	T <sub>42</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00
T <sub>18</sub>	mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+)	T <sub>42</sub>	std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+)
T <sub>18</sub>	mean std median mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15	T <sub>42</sub>	std median mean std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15
T <sub>18</sub>	mean std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14	T <sub>42</sub>	std median mean std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14
T <sub>18</sub>	mean std median mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈)	T <sub>42</sub> T <sub>43</sub>	std median mean std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈)
T <sub>18</sub>	mean std median mean std median mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00	T <sub>42</sub> T <sub>43</sub>	std median mean std median mean std median median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00
T <sub>18</sub>	mean std median mean std median mean std std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub>	std median mean std median mean std median mean std median median std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈)
T <sub>18</sub>	mean std median mean std median mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub>	std median mean std median mean std median median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean std median mean std std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub>	std median mean std median mean std median mean std median median std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 2.06e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean std median mean std mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.39e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub>	std median mean std median mean std median mean std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 2.06e+00 1.49e+04 1.50e+04	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean std median mean std median mean std median std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 9.38e+00 9.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub>	std median mean std meaian mean std median mean std median mean std std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.94e+04 1.50e+04 3.70e+02	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean std median mean std median mean std median median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub>	std median mean std mean std median mean std median mean std mean std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+04 1.50e+04 3.70e+02 1.25e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 5.43e-10 (+)
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 4.27e+02 9.48e+00 9.34e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+04 4.03e+02 4.06e-01 4.08e-01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+04 1.50e+04 3.70e+04 1.25e+01 1.25e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub>	mean std median mean std meaian mean std median mean std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 7.86e-08	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.35e+00 2.59e-01 1.94e+01 2.06e+00 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.09e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 1.28e+03 6.65e-08
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub> T <sub>21</sub>	mean std median mean std meaian mean std median mean std median mean std median std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02 3.34e+02	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub>	std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 2.06e+00 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.09e+00 1.26e+03	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 4.18e+01 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+)
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub> T <sub>21</sub>	mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.55e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02 3.34e+02 9.33e+02	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.09e+00 1.26e+03 1.26e+03	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 4.18e+01 (+) 4.11e+01	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$	mean std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.59e+01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.34e+00 9.34e+00 1.27e+00 1.77e+03 1.79e+03 2.15e+02	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.05e+01	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.34e+02 3.34e+02 3.33e+02 1.17e+01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 9.38e+00 9.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 7.86e-08 7.86e-08 4.33e+01 (+) 4.38e+01 7.58e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.26e+03 1.57e+02	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02 1.22e+01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$	mean std median median mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02 3.34e+02 3.34e+02 1.17e+01 9.17e-03	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 7.86e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02 1.22e+01 8.86e-03	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+)
T <sub>18</sub> T <sub>19</sub> T <sub>20</sub> T <sub>21</sub> T <sub>22</sub>	mean std median mean	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03 2.15e+02 2.15e+02 2.71e+00 2.72e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.75e-03 (+) 2.65e-03	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+04 4.06e-01 4.08e-01 3.78e-02 3.34e+02 3.34e+02 1.17e-01 9.17e-03 9.16e-03	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.59e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02 1.22e+01 8.86e-03 8.87e-03	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$	mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00 2.72e+00 2.72e+00 2.95e-01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.75e-03 (+) 2.65e-03 2.39e-03	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02 3.34e+02 3.34e+02 3.31e-03 3.21e-03 3.21e-04 3.21e-	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 7.86e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15 1.33e-14	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 2.06e+00 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.7e-01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02 1.22e+01 8.87e-03 8.33e-04	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$ $T_{23}$	mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.55e+00 2.19e+01 2.33e+01 2.45e+00 1.50e+04 4.27e+02 9.48e+00 9.34e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00 2.72e+00 2.72e+00 2.95e-01 1.79e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+) 2.65e-03 2.39e-03 4.71e+00 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.78e-02 3.34e+02 3.34e+02 3.34e+02 3.34e+02 3.36e+02	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15 1.33e-14 3.03e+00 (≈)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.50e+04 1.50e+04 1.25e+01 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.17e-01 1.81e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03 5.30e+00 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 3.30e+02 1.22e+01 8.86e-03 8.87e-03 8.33e-04 3.54e+00	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03 3.65e+00 (≈)
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$ $T_{23}$	mean std median mean	1.65e+03 1.69e+02 2.58e+00 2.58e+00 2.58e+00 2.59e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00 2.72e+00 1.72e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+) 2.65e-03 2.39e-03 4.71e+00 (+) 4.61e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.3e+02 3.34e+02 3.34e+02 9.17e-03 9.16e-03 9.38e-04 3.32e+00 9.38e-04 3.32e+00	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15 1.33e-14 3.03e+00 (≈) 3.15e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.75e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03 5.30e+00 (+) 5.86e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.29e+02 1.22e+01 8.86e-03 8.87e-03 8.35e-04 3.54e+00 3.54e+00 3.54e+00 3.69e+00	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03 3.65e+00 (≈) 4.14e+00
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$ $T_{23}$	mean std median	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.55e+00 2.55e+00 2.19e+01 2.33e+01 2.45e+00 1.50e+04 4.27e+02 9.48e+00 9.34e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00 2.72e+00 2.72e+00 2.95e-01 1.79e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+) 2.65e-03 2.39e-03 4.71e+00 (+)	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.3e+02 3.34e+02 3.34e+02 9.17e-03 9.16e-03 9.38e-04 3.32e+00 9.38e-04 3.32e+00	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15 1.33e-14 3.03e+00 (≈)	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	std median mean std median	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.17e-01 1.81e+01 1.75e+01 1.90e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03 5.30e+00 (+)	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.30e+02 1.22e+01 8.86e-03 8.87e-03 8.33e-04 3.54e+00 3.69e+00 6.50e-01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03 3.65e+00 (≈) 4.14e+00 1.97e+00
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$ $T_{23}$	mean std median mean	1.65e+03 1.69e+02 2.58e+00 2.58e+00 2.58e+00 2.59e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.77e+03 1.79e+03 2.15e+02 2.71e+00 2.72e+00 1.72e+00	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+) 2.65e-03 2.39e-03 4.71e+00 (+) 4.61e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.34e+02 3.34e+02 3.33e+02 3.34e+02 3.34e+02 3.37e+00 9.38e-04 3.32e+00 3.37e+00 2.46e-01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 4.33e+01 (+) 4.38e+01 7.58e+00 0.00e+00 (+) 3.21e-15 1.33e-14 3.03e+00 (≈) 3.15e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub>	std median mean	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.59e+00 1.75e+01	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03 5.30e+00 (+) 5.86e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.30e+02 1.22e+01 8.86e-03 8.87e-03 8.33e-04 3.54e+00 3.69e+00 6.50e-01	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03 3.65e+00 (≈) 4.14e+00 1.97e+00
$T_{18}$ $T_{19}$ $T_{20}$ $T_{21}$ $T_{22}$ $T_{23}$ $T_{24}$	mean std median mean std	1.65e+03 1.66e+03 1.69e+02 2.58e+00 2.58e+00 2.19e-01 2.29e+01 2.33e+01 2.45e+00 1.50e+04 1.49e+04 4.27e+02 9.48e+00 9.34e+00 1.27e+00 1.27e+00 1.27e+00 2.15e+02 2.71e+00 2.72e+00 2.95e-01 1.79e+01 1.79e+01 1.79e+01 1.79e+01	6.21e-01 4.33e+01 (+) 4.31e+01 1.05e+01 2.13e-03 (+) 2.57e-03 1.59e-03 3.82e+00 (+) 3.74e+00 1.97e+00 8.95e+03 (+) 9.11e+03 8.41e+02 1.56e-12 (+) 3.01e-12 1.99e-12 4.53e+01 (+) 4.50e+01 1.05e+01 1.75e-03 (+) 2.65e-03 2.39e-03 4.71e+00 (+) 4.61e+00 1.88e+00	3.42e-02 3.35e+02 3.32e+02 1.46e+01 9.32e-03 9.11e-03 1.31e-03 3.27e+00 3.30e+00 1.03e-01 1.48e+04 4.03e+02 4.06e-01 4.08e-01 3.34e+02 3.34e+02 3.33e+02 3.34e+02 3.34e+02 3.37e+00 9.38e-04 3.32e+00 3.37e+00 2.46e-01	8.40e-08 4.78e+01 (+) 4.86e+01 9.38e+00 0.00e+00 (+) 5.89e-15 2.32e-14 3.17e+00 (≈) 3.49e+00 1.84e+00 8.25e+03 (+) 8.13e+03 1.02e+03 5.42e-10 (+) 2.36e-08 7.86e-08 7.86e-08 1.32e+01 1.32e+01 1.33e+01 1.33e+01 1.33e-14 3.03e+00 (≈) 3.15e+00 1.97e+00	T <sub>42</sub> T <sub>43</sub> T <sub>44</sub> T <sub>45</sub> T <sub>46</sub> T <sub>47</sub> T <sub>48</sub> T <sub>49</sub>	std median mean std	8.82e-01 2.93e+03 2.94e+03 2.47e+02 2.35e+00 2.36e+00 2.59e-01 1.94e+01 1.94e+01 1.94e+01 1.49e+04 1.50e+04 3.70e+02 1.25e+01 1.25e+01 1.26e+03 1.26e+03 1.57e+02 1.60e+00 1.17e-01 1.81e+01 1.75e+01 1.90e+00	1.98e-12 4.09e+01 (+) 4.08e+01 7.24e+00 2.13e-03 (+) 2.93e-03 2.48e-03 5.13e+00 (+) 5.39e+00 2.29e+00 9.30e+03 (+) 9.46e+03 8.16e+02 1.55e-12 (+) 2.94e-12 1.92e-12 4.18e+01 (+) 4.11e+01 6.50e+00 2.33e-03 (+) 3.16e-03 2.93e-03 5.30e+00 (+) 5.86e+00 2.07e+00	3.38e-02 3.30e+02 3.26e+02 1.45e+01 9.23e-03 9.17e-03 7.61e-04 3.38e+00 3.35e+00 1.84e-01 1.48e+04 1.46e+04 5.74e+02 4.47e-01 4.43e-01 3.13e-02 3.30e+02 1.22e+01 8.86e-03 8.87e-03 8.33e-04 3.54e+00 3.54e+00 6.50e-01 1.44e+04	2.61e-08 8.74e-08 4.68e+01 (+) 4.57e+01 8.26e+00 0.00e+00 (+) 2.49e-15 1.06e-14 3.54e+00 (≈) 4.20e+00 2.09e+00 8.35e+03 (+) 8.45e+03 1.28e+03 5.43e-10 (+) 1.94e-08 6.65e-08 4.53e+01 (+) 4.78e+01 1.15e+01 0.00e+00 (+) 2.47e-04 1.35e-03 3.65e+00 (≈) 4.14e+00