Overview of whole program execution metrics									
Number of processors	1	2	4	6	8	10	12	14	16
Elapsed time (sec)	0.21	0.24	0.21	0.21	0.22	0.22	0.24	0.24	0.25
Speedup	1.00	0.87	0.99	1.02	0.98	0.98	0.90	0.90	0.84
Efficiency	1.00	0.43	0.25	0.17	0.12	0.10	0.08	0.06	0.05

Table 1: Analysis done on Fri May 12 05:57:40 PM CEST 2023, par2318

Overview of the Efficiency metrics in parallel fraction, ϕ=89.33%									
Number of processors	1	2	4	6	8	10	12	14	16
Global efficiency	91.87%	39.39%	22.76%	15.76%	11.39%	9.09%	6.90%	5.87%	4.78%
Parallelization strategy efficiency	91.87%	53.30%	36.08%	26.61%	20.45%	15.45%	13.32%	11.54%	9.75%
Load balancing	100.00%	99.02%	89.39%	62.07%	38.49%	33.38%	22.63%	18.82%	15.53%
In execution efficiency	91.87%	53.83%	40.36%	42.87%	53.14%	46.28%	58.86%	61.31%	62.76%
Scalability for computation tasks	100.00%	73.91%	63.08%	59.23%	55.67%	58.87%	51.77%	50.89%	49.05%
IPC scalability	100.00%	66.82%	56.24%	55.55%	52.65%	56.39%	50.70%	49.89%	48.01%
Instruction scalability	100.00%	112.39%	113.19%	113.08%	111.64%	112.73%	110.70%	110.98%	110.95%
Frequency scalability	100.00%	98.42%	99.08%	94.28%	94.71%	92.60%	92.24%	91.92%	92.08%

Table 2: Analysis done on Fri May 12 05:57:40 PM CEST 2023, par2318

Statistics about explicit tasks in parallel fraction									
Number of processors	1	2	4	6	8	10	12	14	16
Number of explicit tasks executed (total)	53248.0	53248.0	53248.0	53248.0	53248.0	53248.0	53248.0	53248.0	53248.0
LB (number of explicit tasks executed)	1.0	0.79	0.73	0.78	0.79	0.82	0.79	0.8	0.82
LB (time executing explicit tasks)	1.0	0.82	0.81	0.77	0.78	0.83	0.79	0.79	0.81
Time per explicit task (average us)	2.75	3.66	4.1	4.12	4.05	3.98	4.06	4.08	4.1
Overhead per explicit task (synch %)	1.28	70.54	179.56	336.76	539.0	731.04	990.22	1186.04	1485.29
Overhead per explicit task (sched %)	9.23	35.57	44.63	33.24	26.39	33.28	24.29	22.41	23.64
Number of taskwait/taskgroup (total)	4095.0	4095.0	4095.0	4095.0	4095.0	4095.0	4095.0	4095.0	4095.0

Table 3: Analysis done on Fri May 12 05:57:40 PM CEST 2023, par2318