Overview of whole program execution metrics				
Number of processors	1	4	8	16
Elapsed time (sec)	2.82	0.72	0.41	0.23
Speedup	1.00	3.93	6.81	12.46
Efficiency	1.00	0.98	0.85	0.78

Table 1: Analysis done on Fri May 26 12:45:09 PM CEST 2023, par2318

Overview of the Efficiency metrics in parallel fraction, ϕ=98.65%				
Number of processors	1	4	8	16
Global efficiency	99.67%	101.58%	91.72%	92.03%
Parallelization strategy efficiency	99.67%	95.39%	95.19%	92.63%
Load balancing	100.00%	96.80%	97.71%	97.67%
In execution efficiency	99.67%	98.55%	97.43%	94.84%
Scalability for computation tasks	100.00%	106.48%	96.35%	99.35%
IPC scalability	100.00%	107.02%	105.68%	114.05%
Instruction scalability	100.00%	99.95%	98.64%	97.68%
Frequency scalability	100.00%	99.54%	92.43%	89.19%

Table 2: Analysis done on Fri May 26 12:45:09 PM CEST 2023, par2318

Statistics about explicit tasks in parallel fraction				
Number of processors	1	4	8	16
Number of implicit tasks per thread (average us)	2000.0	2000.0	2000.0	2000.0
Useful duration for implicit tasks (average us)	1387.76	325.83	180.05	87.3
Load balancing for implicit tasks	1.0	0.97	0.98	0.98
Time in synchronization implicit tasks (average us)	0	0	0	0
Time in fork/join implicit tasks (average us)	4.56	21.54	11.05	10.38

Table 3: Analysis done on Fri May 26 12:45:09 PM CEST 2023, par2318