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PA 3

The Linux Scheduler: A Benchmarked Solution

Abstract

When testing 27 different combinations of scheduling policies, process types, and policy scales, the SCHED_OTHER policy was the only policy that successfully scaled up to the HIGH level, however it was a fairly greedy and resource intensive scheduler. The I/O Bound processes seemed to run much faster than the CPU Bound/Mixed Processes.

Introduction

This benchmarking program was designed to test 27 different dimensions of optimization. There are three types of schedulers (SCHED_OTHER, SCHED_FIFO, SCHED_RR), three types of process types (CPU Bound, I/O Bound, Mixed), and three policy scales (Low, Medium, and High). If you look at all of these combinations in separate cases, then it is clear that depending on the application and the priority level, the best scheduling policy is variable.

Method

I based my CPU-bound code off of the pi-sched.c file that was originally supplied to us. I used a for-loop to spawn multiple forked processes.

I based my I/O-bound code off of the rw.c file. So that I didn't have to deal with concurrency issues and get accurate readings, I pull information out of "/dev/urandom" and into multiple rwinput-# files before the rw program starts. That way random information is in a static file and isn't a part of the time calculation. The program pulls information out of a the junk file and then writes information out to a new junk file.

I based my Mixed code off of mainly the pi-sched.c file. I calculate pi the appropriate number of iterations, and then write it out to a file. Once again, so I don't have to deal with concurrency issues, I write out the results of the pi calculation to pilog-# different files.

I used the "testscript" file as a wrapper program to call each program multiple times while varying the arguments for the number of simultaneous processes and the type of scheduling process. All of my results were output to a *.CSV file for easy analysis later.

Results & Analysis

The SCHED_FIFO scheduler type works better in a I/O BOUND process type. The CPU and mixed process type perform almost exactly the same. The SCHED_FIFO scheduler obviously doesn't scale

though, because every single time the program ran with 100 concurrent processes, the program would crash.

The SCHED_RR scheduler also doesn't scale well, as is apparent when 100 processes are running concurrently and the program crashes. This scheduler runs about a second (on average) faster than the SCHED_FIFO scheduler in all cases. This is a little more processor intensive than the FIFO scheduler.

The SCHED_OTHER scheduler was the only scheduler that I was able to get to scale. It did take a large amount of time to complete, but it did actually complete when run with multiple processes.

Overall, the best time seemed to come from the SCHED_OTHER scheduler, then the second best time came from the SCHED_RR scheduler, then SCHED_FIFO scheduler came last in time.

The best CPU performance on the other hand came from the SCHED_FIFO protocol, then the SCHED_RR scheduler, then the SCHED_OTHER protocol.

Conclusion

While the SCHED_OTHER scheduler ran faster timewise than the other scheduling policies, it was the most greedy protocol. It took up more clock cycles in general than the other two protocols. It is obvious at this point why the SCHED_OTHER policy is the default policy. It will always work. It may not be the optimal solution, but it completes the program and gets us to the finish line.

Process Type	Scheduler Type	Num Simultaneous Processes	Wall	User	System	CPU	I-Switched	V-switched
CPU BOUND	SCHED_FIFO	5	15.1411	38.2	0.0198	252%	27.113333	9.99666667
CPU BOUND	SCHED_FIFO	20	44.6097	160	0.0308	358%	154.04	24.9933333
CPU BOUND	SCHED_FIFO	100						
I/O BOUND	SCHED_FIFO	5	3.8843	0	0.0516	2%	1.0033333	1505.02667
I/O BOUND	SCHED_FIFO	20	7.0673	0.01	0.1669	2%	1	6143.76333
I/O BOUND	SCHED_FIFO	100						
MIXED	SCHED_FIFO	5	15.2801	38.4	0.0136	251%	27.126667	22.2933333
MIXED	SCHED_FIFO	20	44.5575	159	0.0643	357%	153.51667	72.35
MIXED	SCHED_FIFO	100						
CPU BOUND	SCHED_OTHER	5	11.0717	40.8	0.0438	368%	2018.0967	11.01
CPU BOUND	SCHED_OTHER	20	40.0964	157	0.0815	392%	31591.103	40.9566667
CPU BOUND	SCHED_OTHER	100	200.161	783	0.3678	391%	201279.26	199.067961
I/O BOUND	SCHED_OTHER	5	4.46487	0	0.1314	5%	35.88	1835.53
I/O BOUND	SCHED_OTHER	20	2.66703	0.01	0.2317	11%	127.67	7209.85
I/O BOUND	SCHED_OTHER	100	22.7782	0.03	1.9208	9%	576.19802	33601.2772
MIXED	SCHED_OTHER	5	11.342	40.8	0.0628	360%	2512.8633	21.86
MIXED	SCHED_OTHER	20	41.1412	157	0.13	381%	32759.547	92.65
MIXED	SCHED_OTHER	100	206.586	793	0.6056	384%	207571.36	483.431373
CPU BOUND	SCHED_RR	5	12.3866	38.4	0.0368	310%	103.99	10.6666667
CPU BOUND	SCHED_RR	20	43.733	158	0.0341	361%	457.01333	33.9433333
CPU BOUND	SCHED_RR	100						
I/O BOUND	SCHED_RR	5	4.74517	0	0.0528	2%	0.9966667	1486.48667
I/O BOUND	SCHED_RR	20	7.4299	0.01	0.1644	2%	0.9966667	6082.49667
I/O BOUND	SCHED_RR	100						
MIXED	SCHED_RR	5	13.1156	38.4	0.0245	294%	98.666667	23.08
MIXED	SCHED_RR	20	43.5997	157	0.0596	359%	485.27667	79.91
MIXED	SCHED_RR	100						

Process Type	Scheduler Type	Iterations	Num Simultaneous Processes	Wall	User	System	CPU	I-Switched	V-switched
CPU BOUND	SCHED_FIFO	100000000	5	14.96	37.51	0	250%	13	10
CPU BOUND	SCHED_FIFO	100000000	5	15.56	39	0.02	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.44	38.87	0.02	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.56	39.45	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	39.02	0.05	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.43	38.92	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.64	39.27	0.01	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.38	39.47	0	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	38.69	0.02	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.99	0.09	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	38.88	0	253%	31	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.49	0.05	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.65	38.95	0.01	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.97	0.02	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.54	39.63	0	254%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.16	38.16	0.02	251%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.96	39.86	0	249%	22	10
CPU BOUND	SCHED_FIFO	100000000	5	15.25	38.35	0	251%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15	38.09	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.33	0.03	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.33	0.02	254%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.73	37.16	0.03	252%	18	10
CPU BOUND	SCHED_FIFO	100000000	5	14.95	37.9	0.01	253%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.13	0	250%	18	10
CPU BOUND	SCHED_FIFO	100000000	5	15.44	39.45	0.03	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.4	39.47	0.01	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.31	0.04	251%	19	10
CPU BOUND	SCHED_FIFO	100000000	5	14.38	35.88	0.03	249%	18	10
CPU BOUND	SCHED_FIFO	100000000	5	14.99	37.55	0.07	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.44	35.87	0	248%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.93	37.6	0.03	251%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	15.63	39.47	0.01	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.12	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.86	37.34	0.05	251%	18	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.63	0.01	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.39	38.53	0.01	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.67	36.93	0	251%	13	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	39.12	0.01	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.58	39.17	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	37.94	0.03	248%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	15.41	38.71	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.5	39.5	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.04	38.05	0.08	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.56	36.38	0	249%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	15.38	39.13	0.06	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15	37.85	0	252%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.02	0.01	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.21	39.4	0.03	259%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.29	38.42	0.01	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.21	38.53	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.49	38.83	0.02	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	39.29	0.04	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.06	38.65	0.02	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.44	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.65	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.85	37.04	0.02	249%	14	10
CPU BOUND	SCHED_FIFO	100000000	5	14.89	37.35	0.02	250%	16	10
CPU BOUND	SCHED_FIFO	100000000	5	15.06	37.78	0.05	251%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.83	37.17	0.04	250%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	39.51	0.04	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.61	38.94	0.01	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.33	38.7	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.01	37.98	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	38	0.01	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.38	38.25	0	248%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	38.65	0.02	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.43	39.08	0	253%	29	10

CPU BOUND	SCHED_FIFO	100000000	5	15.24	39.1	0.1	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.98	37.85	0.08	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	39.17	0.03	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.2	0.01	252%	29	9
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.37	0.02	249%	27	10
CPU BOUND	SCHED_FIFO	100000000	5	15.03	37.76	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.95	37.71	0.04	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.42	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.01	38.39	0.01	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.82	37.38	0.01	252%	14	10
CPU BOUND	SCHED_FIFO	100000000	5	14.74	37.63	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.02	38.42	0.02	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.33	38.57	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	38.49	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.27	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.82	0	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.81	37.25	0	251%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.81	37.31	0.01	251%	16	10
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.31	0	249%	28	9
CPU BOUND	SCHED_FIFO	100000000	5	14.67	37.04	0	252%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.81	37.05	0.06	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	38.98	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.87	37.79	0.01	254%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	38.21	0.08	251%	30	10
CPU BOUND	SCHED_FIFO	100000000	5	14.9	37.9	0.02	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.03	0	251%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	38.08	0.11	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.61	38.53	0	246%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.59	0.01	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	37.61	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	38.56	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.03	37.61	0	250%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.13	38.7	0.06	256%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.65	36.55	0.03	249%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.98	37.95	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	39.08	0.06	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.98	37.89	0	252%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.5	39.17	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.58	0.07	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.46	38.66	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.31	38.15	0	249%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.25	0.01	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.96	37.45	0.02	250%	15	10
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.76	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.81	0.02	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.94	37.15	0	248%	27	10
CPU BOUND	SCHED_FIFO	100000000	5	15.14	38.4	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	37.63	0.08	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.83	36.93	0.01	249%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.49	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.95	38.05	0.02	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	38.41	0.01	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.09	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.14	38.18	0.06	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.99	38.07	0.07	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.77	37.4	0.02	253%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	38.14	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.56	39.06	0	250%	29	11
CPU BOUND	SCHED_FIFO	100000000	5	15.34	38.52	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.79	37.55	0.03	254%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	14.9	37.03	0	248%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	38.46	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.37	37.99	0	247%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.73	37.27	0.07	253%	16	10
CPU BOUND	SCHED_FIFO	100000000	5	15.48	38.72	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.43	0.09	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.79	0	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.53	38.81	0	249%	29	10

CPU BOUND	SCHED_FIFO	100000000	5	15.51	39.02	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.82	0.09	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.71	39.13	0	248%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.44	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.02	37.54	0.01	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.5	35.97	0.01	248%	18	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.71	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.74	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.21	37.91	0	249%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	39.24	0.04	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.31	38.8	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	37.99	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.14	38.33	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	38.23	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.31	38.76	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.13	37.9	0.01	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.65	0.02	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.88	37.23	0.05	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.89	37.36	0	250%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.01	37.75	0	251%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	38.23	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.81	37.68	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.43	38.59	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.3	38.22	0.01	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.48	0.01	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.02	38.46	0.06	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.08	38.61	0.03	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.39	38.4	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.81	37.32	0	251%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	38.43	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.19	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.53	38.79	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.15	0	249%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	38.32	0.02	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.08	38.32	0	254%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.89	37.92	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.72	0.07	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.04	37.93	0	252%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.17	0.06	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.43	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.29	39.28	0.02	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.13	38.63	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.43	38.48	0.02	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.72	40.19	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.1	0.08	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15	37.68	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.25	37.88	0	248%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.02	38.45	0	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.06	37.49	0	248%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	15.52	39.17	0.02	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.3	38.99	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.67	0.08	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.06	38.43	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.49	0.11	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.51	0.01	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.96	37.19	0	248%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	38.93	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.13	37.58	0	248%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.97	0.03	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.89	36.93	0.06	248%	27	10
CPU BOUND	SCHED_FIFO	100000000	5	14.57	36.45	0	250%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	14.96	37.81	0.02	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	38.19	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.77	0.09	255%	30	10
CPU BOUND	SCHED_FIFO	100000000	5	14.72	36.86	0	250%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.23	38.82	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.94	37.9	0.01	253%	21	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.29	0	249%	29	10

CPU BOUND	SCHED_FIFO	100000000	5	15.11	38.23	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.53	39.29	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	38.19	0.06	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.4	38.48	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.89	37.68	0.04	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.42	39.46	0.09	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.53	36.14	0.06	249%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.87	37.19	0.1	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.25	38.55	0	252%	22	10
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.73	0.04	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.36	39.55	0.04	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.09	38.15	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.36	38.22	0	248%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.12	37.88	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	38.57	0.02	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.9	37.3	0	250%	15	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	38.33	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.06	37.86	0.12	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	38.46	0.04	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.49	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.08	37.67	0.05	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.02	37.96	0.01	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.35	38.42	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.33	0.04	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.26	38.95	0.01	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.13	0	250%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	38.22	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.05	0.08	251%	31	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	38.97	0	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.5	0.06	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.08	37.84	0	250%	22	10
CPU BOUND	SCHED_FIFO	100000000	5	14.57	36.78	0.06	252%	11	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	37.91	0	250%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.14	38.2	0.01	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.99	38.3	0.01	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.33	38.22	0	249%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.58	0.02	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.42	39.05	0	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.09	0.02	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	38.55	0.03	253%	24	10
CPU BOUND	SCHED_FIFO	100000000	5	14.98	38.17	0.06	255%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.18	0.02	253%	22	10
CPU BOUND	SCHED_FIFO	100000000	5	14.4	36.14	0.02	251%	13	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	38.57	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.92	37.9	0.01	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	39.49	0.01	257%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.76	36.94	0	250%	27	10
CPU BOUND	SCHED_FIFO	100000000	5	14.96	37.89	0.01	253%	22	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.34	0.01	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	38.52	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.23	38.21	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.22	38.49	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.01	38	0.06	253%	26	10
CPU BOUND	SCHED_FIFO	100000000	5	15.31	38.39	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.35	0.03	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	38.67	0	257%	21	10
CPU BOUND	SCHED_FIFO	100000000	5	15.05	37.96	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.53	0	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.27	37.89	0.01	248%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.37	38.76	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.62	36.44	0.01	249%	21	10
CPU BOUND	SCHED_FIFO	100000000	5	15.2	38.26	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.3	37.97	0	248%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.31	39.16	0.08	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15	38.47	0	256%	28	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.2	0	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.14	38.38	0	253%	30	10
CPU BOUND	SCHED_FIFO	100000000	5	15.34	38.58	0	251%	29	10

CPU BOUND	SCHED_FIFO	100000000	5	15.17	38.43	0.02	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	38.42	0.01	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.32	38.4	0	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.28	38.71	0.09	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.6	39.03	0.03	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.45	36.07	0.01	249%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.93	37.56	0.03	251%	15	10
CPU BOUND	SCHED_FIFO	100000000	5	15.4	38.69	0.02	251%	31	10
CPU BOUND	SCHED_FIFO	100000000	5	15.24	39.03	0.05	256%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.91	37.65	0.08	253%	15	10
CPU BOUND	SCHED_FIFO	100000000	5	15.58	39.39	0.02	252%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.25	38.38	0	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.8	37.65	0.02	254%	16	10
CPU BOUND	SCHED_FIFO	100000000	5	15.16	38.43	0.07	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.36	39.11	0.05	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.18	38.37	0.08	253%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.15	38.47	0.07	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.1	38.45	0.01	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.63	36.39	0	248%	24	10
CPU BOUND	SCHED_FIFO	100000000	5	14.57	37.04	0.02	254%	9	10
CPU BOUND	SCHED_FIFO	100000000	5	14.72	36.57	0	248%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	14.6	36.69	0.03	251%	13	10
CPU BOUND	SCHED_FIFO	100000000	5	14.95	37.46	0.08	251%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.77	37.51	0	253%	17	10
CPU BOUND	SCHED_FIFO	100000000	5	15.11	37.97	0.04	251%	25	10
CPU BOUND	SCHED_FIFO	100000000	5	15.19	37.98	0.09	250%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	15.07	38.4	0.01	254%	29	10
CPU BOUND	SCHED_FIFO	100000000	5	14.97	37.92	0.01	253%	16	10
CPU BOUND	SCHED_FIFO	100000000	5	15.36	38.62	0.01	251%	29	10
CPU BOUND	SCHED_OTHER	100000000	5	10.64	40.5	0.04	380%	1853	11
CPU BOUND	SCHED_OTHER	100000000	5	10.51	38.58	0.32	369%	2467	11
CPU BOUND	SCHED_OTHER	100000000	5	10.28	38.63	0.24	377%	2666	11
CPU BOUND	SCHED_OTHER	100000000	5	10.61	38.42	0.09	362%	2675	11
CPU BOUND	SCHED_OTHER	100000000	5	10.68	38.48	0.06	360%	2168	11
CPU BOUND	SCHED_OTHER	100000000	5	11.02	39.15	0.21	357%	2167	11
CPU BOUND	SCHED_OTHER	100000000	5	11.03	39.25	0.3	358%	2533	11
CPU BOUND	SCHED_OTHER	100000000	5	11.3	40.91	0.21	363%	1993	11
CPU BOUND	SCHED_OTHER	100000000	5	10.94	40.34	0.12	369%	2741	11
CPU BOUND	SCHED_OTHER	100000000	5	11.52	41.19	0.2	359%	2063	11
CPU BOUND	SCHED_OTHER	100000000	5	10.8	38.84	0.16	360%	3093	11
CPU BOUND	SCHED_OTHER	100000000	5	10.47	39.14	0.25	376%	1862	11
CPU BOUND	SCHED_OTHER	100000000	5	10.68	37.6	0.12	353%	1726	11
CPU BOUND	SCHED_OTHER	100000000	5	10.04	38.41	0.19	384%	1678	11
CPU BOUND	SCHED_OTHER	100000000	5	11.01	39.79	0.24	363%	2523	11
CPU BOUND	SCHED_OTHER	100000000	5	10.52	38.54	0.21	368%	1989	11
CPU BOUND	SCHED_OTHER	100000000	5	10.63	38.22	0.18	360%	2960	11
CPU BOUND	SCHED_OTHER	100000000	5	10.42	38.26	0.15	368%	2474	11
CPU BOUND	SCHED_OTHER	100000000	5	10.25	39.35	0.04	384%	2086	11
CPU BOUND	SCHED_OTHER	100000000	5	10.62	40.34	0.06	380%	2408	11
CPU BOUND	SCHED_OTHER	100000000	5	10.54	39.81	0.05	378%	1739	11
CPU BOUND	SCHED_OTHER	100000000	5	10.67	40.42	0	378%	1692	11
CPU BOUND	SCHED_OTHER	100000000	5	10.6	40.56	0.06	383%	2604	11
CPU BOUND	SCHED_OTHER	100000000	5	11.57	42.3	0.02	365%	1680	11
CPU BOUND	SCHED_OTHER	100000000	5	10.05	38.46	0.06	383%	2258	11
CPU BOUND	SCHED_OTHER	100000000	5	10.22	38.41	0	375%	1637	11
CPU BOUND	SCHED_OTHER	100000000	5	10.35	39.22	0	378%	1631	11
CPU BOUND	SCHED_OTHER	100000000	5	10.31	38.41	0.06	372%	2807	11
CPU BOUND	SCHED_OTHER	100000000	5	10.26	39.49	0	384%	1581	11
CPU BOUND	SCHED_OTHER	100000000	5	10.77	39.97	0.01	371%	2128	11
CPU BOUND	SCHED_OTHER	100000000	5	10.95	37.97	0.02	346%	1571	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	40.53	0.02	367%	1473	11
CPU BOUND	SCHED_OTHER	100000000	5	11.3	40.93	0.06	362%	2581	11
CPU BOUND	SCHED_OTHER	100000000	5	10.97	42.03	0.01	382%	1542	11
CPU BOUND	SCHED_OTHER	100000000	5	11.69	41.8	0.05	358%	2198	11
CPU BOUND	SCHED_OTHER	100000000	5	10.88	40.94	0.04	376%	1935	11
CPU BOUND	SCHED_OTHER	100000000	5	11.37	41.71	0	366%	1651	11
CPU BOUND	SCHED_OTHER	100000000	5	10.54	39.77	0.06	377%	2203	11
CPU BOUND	SCHED_OTHER	100000000	5	10.53	40.5	0.02	384%	1587	11

CPU BOUND	SCHED_OTHER	100000000	5	10.7	39.56	0.02	369%	1634	11
CPU BOUND	SCHED_OTHER	100000000	5	10.93	41.21	0.02	376%	1779	11
CPU BOUND	SCHED_OTHER	100000000	5	12.04	42.21	0.01	350%	1513	11
CPU BOUND	SCHED_OTHER	100000000	5	11.19	41.19	0.04	368%	2253	11
CPU BOUND	SCHED_OTHER	100000000	5	10.96	41.78	0.04	381%	1887	11
CPU BOUND	SCHED_OTHER	100000000	5	11.42	42.65	0.07	374%	2875	11
CPU BOUND	SCHED_OTHER	100000000	5	11.27	42.05	0.03	373%	2004	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	41.97	0.01	370%	1820	11
CPU BOUND	SCHED_OTHER	100000000	5	11.12	40.27	0.09	362%	2796	11
CPU BOUND	SCHED_OTHER	100000000	5	11.62	41.69	0.04	359%	1691	11
CPU BOUND	SCHED_OTHER	100000000	5	11.24	38.58	0.03	343%	2281	11
CPU BOUND	SCHED_OTHER	100000000	5	10.97	39.27	0.02	358%	1651	11
CPU BOUND	SCHED_OTHER	100000000	5	11.05	42.19	0.02	381%	1889	11
CPU BOUND	SCHED_OTHER	100000000	5	11.25	41.83	0.06	372%	2610	11
CPU BOUND	SCHED_OTHER	100000000	5	11.49	42.3	0.02	368%	1563	11
CPU BOUND	SCHED_OTHER	100000000	5	11.59	42.97	0.05	371%	2278	11
CPU BOUND	SCHED_OTHER	100000000	5	11.1	41.79	0.05	376%	2228	11
CPU BOUND	SCHED_OTHER	100000000	5	11.62	42.73	0	367%	1629	11
CPU BOUND	SCHED_OTHER	100000000	5	11.31	40.88	0.08	361%	2154	11
CPU BOUND	SCHED_OTHER	100000000	5	11.1	40.85	0.04	368%	2048	11
CPU BOUND	SCHED_OTHER	100000000	5	11.55	42.14	0.01	364%	1554	11
CPU BOUND	SCHED_OTHER	100000000	5	10.52	39.64	0.08	377%	2273	11
CPU BOUND	SCHED_OTHER	100000000	5	11.29	42.3	0.01	374%	2017	11
CPU BOUND	SCHED_OTHER	100000000	5	11.22	40.71	0.05	363%	2550	11
CPU BOUND	SCHED_OTHER	100000000	5	11.95	42.21	0.03	353%	2001	11
CPU BOUND	SCHED_OTHER	100000000	5	10.79	40.09	0.02	371%	1877	11
CPU BOUND	SCHED_OTHER	100000000	5	11.59	42.52	0.06	367%	2768	11
CPU BOUND	SCHED_OTHER	100000000	5	11.21	42.09	0.03	375%	2030	11
CPU BOUND	SCHED_OTHER	100000000	5	11.26	41.15	0.01	365%	1605	11
CPU BOUND	SCHED_OTHER	100000000	5	11.54	41.11	0.07	356%	2650	11
CPU BOUND	SCHED_OTHER	100000000	5	10.88	40.67	0.02	373%	1697	11
CPU BOUND	SCHED_OTHER	100000000	5	12.04	40.57	0.05	337%	2102	11
CPU BOUND	SCHED_OTHER	100000000	5	10.44	38.18	0.07	366%	2715	11
CPU BOUND	SCHED_OTHER	100000000	5	10.82	39.39	0.04	364%	2011	11
CPU BOUND	SCHED_OTHER	100000000	5	10.89	40.48	0.01	371%	1779	11
CPU BOUND	SCHED_OTHER	100000000	5	10.84	38.37	0.08	354%	2596	11
CPU BOUND	SCHED_OTHER	100000000	5	11.82	42.56	0.01	360%	1638	11
CPU BOUND	SCHED_OTHER	100000000	5	11.19	42.1	0.02	376%	1699	11
CPU BOUND	SCHED_OTHER	100000000	5	11.42	42.35	0.07	371%	2580	11
CPU BOUND	SCHED_OTHER	100000000	5	11.17	41.15	0.04	368%	1871	11
CPU BOUND	SCHED_OTHER	100000000	5	10.38	39.82	0.02	383%	1467	11
CPU BOUND	SCHED_OTHER	100000000	5	11.25	42.67	0.06	379%	2329	11
CPU BOUND	SCHED_OTHER	100000000	5	11.82	42.73	0.02	361%	1660	11
CPU BOUND	SCHED_OTHER	100000000	5	11.59	42.81	0	369%	1627	11
CPU BOUND	SCHED_OTHER	100000000	5	11.01	41.86	0.04	380%	2184	11
CPU BOUND	SCHED_OTHER	100000000	5	10.74	38.69	0.04	360%	1932	11
CPU BOUND	SCHED_OTHER	100000000	5	11.33	42.68	0.04	376%	1918	11
CPU BOUND	SCHED_OTHER	100000000	5	10.53	39.07	0.02	371%	2367	11
CPU BOUND	SCHED_OTHER	100000000	5	10.94	40.19	0.01	367%	1394	11
CPU BOUND	SCHED_OTHER	100000000	5	10.52	38.71	0.02	368%	2170	11
CPU BOUND	SCHED_OTHER	100000000	5	11.63	42.05	0.03	361%	2019	11
CPU BOUND	SCHED_OTHER	100000000	5	11.02	41.21	0.01	373%	1618	11
CPU BOUND	SCHED_OTHER	100000000	5	11.29	41.54	0.07	368%	2220	11
CPU BOUND	SCHED_OTHER	100000000	5	11.16	41.26	0.02	369%	1994	11
CPU BOUND	SCHED_OTHER	100000000	5	11.11	41.1	0.06	370%	2213	11
CPU BOUND	SCHED_OTHER	100000000	5	11.39	41.34	0.04	363%	2453	11
CPU BOUND	SCHED_OTHER	100000000	5	10.93	40.37	0.05	369%	1681	11
CPU BOUND	SCHED_OTHER	100000000	5	10.88	40.06	0.05	368%	2573	11
CPU BOUND	SCHED_OTHER	100000000	5	10.99	41.75	0.04	380%	1917	11
CPU BOUND	SCHED_OTHER	100000000	5	11.13	40.95	0.03	368%	2097	11
CPU BOUND	SCHED_OTHER	100000000	5	10.71	39.1	0.01	365%	1489	11
CPU BOUND	SCHED_OTHER	100000000	5	10.07	37.98	0.05	377%	2394	11
CPU BOUND	SCHED_OTHER	100000000	5	9.8	37.11	0.02	378%	1494	11
CPU BOUND	SCHED_OTHER	100000000	5	10.35	38.06	0.02	367%	1475	11
CPU BOUND	SCHED_OTHER	100000000	5	10.66	38.28	0.06	359%	2596	11
CPU BOUND	SCHED_OTHER	100000000	5	10.72	38.12	0.03	355%	2093	11
CPU BOUND	SCHED_OTHER	100000000	5	11.5	41.12	0.06	358%	2708	11
CPU BOUND	SCHED_OTHER	100000000	5	10.53	37.15	0.03	352%	1436	11

CPU BOUND	SCHED_OTHER	100000000	5	10.27	37.51	0.02	365%	1497	11
CPU BOUND	SCHED_OTHER	100000000	5	10.84	40.4	0.04	372%	1793	12
CPU BOUND	SCHED_OTHER	100000000	5	11.27	42.69	0.02	378%	1610	11
CPU BOUND	SCHED_OTHER	100000000	5	11.42	41.6	0.07	364%	2354	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	41.92	0	379%	2175	11
CPU BOUND	SCHED_OTHER	100000000	5	11.73	43.97	0.03	375%	2215	11
CPU BOUND	SCHED_OTHER	100000000	5	10.96	40.66	0.05	371%	2051	11
CPU BOUND	SCHED_OTHER	100000000	5	10.32	38.36	0.04	372%	1805	11
CPU BOUND	SCHED_OTHER	100000000	5	10.6	40.68	0.02	384%	1581	11
CPU BOUND	SCHED_OTHER	100000000	5	10.3	38.55	0.04	374%	1690	11
CPU BOUND	SCHED_OTHER	100000000	5	11.1	41.21	0.02	371%	1821	11
CPU BOUND	SCHED_OTHER	100000000	5	10.85	39.23	0.03	361%	1515	11
CPU BOUND	SCHED_OTHER	100000000	5	10.87	40.75	0.03	374%	2046	11
CPU BOUND	SCHED_OTHER	100000000	5	10.89	41.75	0.03	383%	1762	11
CPU BOUND	SCHED_OTHER	100000000	5	12.29	43.78	0.06	356%	3176	11
CPU BOUND	SCHED_OTHER	100000000	5	11.43	41.85	0	365%	1502	11
CPU BOUND	SCHED_OTHER	100000000	5	11.78	43.59	0.05	370%	2082	11
CPU BOUND	SCHED_OTHER	100000000	5	11.55	42.09	0.05	364%	2070	11
CPU BOUND	SCHED_OTHER	100000000	5	11.06	42.37	0	383%	1733	11
CPU BOUND	SCHED_OTHER	100000000	5	10.35	38.83	0.07	375%	2707	11
CPU BOUND	SCHED_OTHER	100000000	5	10.92	39.02	0.01	357%	1740	11
CPU BOUND	SCHED_OTHER	100000000	5	10.2	37.89	0.02	371%	1956	11
CPU BOUND	SCHED_OTHER	100000000	5	10.38	39.36	0.05	379%	1642	11
CPU BOUND	SCHED_OTHER	100000000	5	10.51	38.72	0	368%	1502	11
CPU BOUND	SCHED_OTHER	100000000	5	10.82	39.29	0.05	363%	2613	11
CPU BOUND	SCHED_OTHER	100000000	5	10.69	39.54	0.02	369%	1400	11
CPU BOUND	SCHED_OTHER	100000000	5	10.44	39.53	0.05	379%	2035	11
CPU BOUND	SCHED_OTHER	100000000	5	10.39	39.49	0.02	380%	1740	11
CPU BOUND	SCHED_OTHER	100000000	5	10.95	40.99	0	374%	1389	11
CPU BOUND	SCHED_OTHER	100000000	5	11.11	42.18	0.04	379%	2383	11
CPU BOUND	SCHED_OTHER	100000000	5	11.31	41.99	0.02	371%	2223	11
CPU BOUND	SCHED_OTHER	100000000	5	10.83	39.09	0.06	361%	2095	11
CPU BOUND	SCHED_OTHER	100000000	5	11.18	38.77	0.05	347%	2855	11
CPU BOUND	SCHED_OTHER	100000000	5	10.44	39.11	0.07	375%	2128	11
CPU BOUND	SCHED_OTHER	100000000	5	11.26	40.85	0.04	363%	1469	11
CPU BOUND	SCHED_OTHER	100000000	5	11.49	42.44	0.03	369%	1938	11
CPU BOUND	SCHED_OTHER	100000000	5	10.7	40.73	0.03	380%	1699	11
CPU BOUND	SCHED_OTHER	100000000	5	11.26	41.81	0.06	371%	2880	11
CPU BOUND	SCHED_OTHER	100000000	5	11.41	42.45	0.02	372%	1641	11
CPU BOUND	SCHED_OTHER	100000000	5	11.24	42.3	0	376%	1763	11
CPU BOUND	SCHED_OTHER	100000000	5	11.1	38.9	0.06	351%	3570	11
CPU BOUND	SCHED_OTHER	100000000	5	10.66	40.23	0.02	377%	1599	11
CPU BOUND	SCHED_OTHER	100000000	5	11.23	39.23	0.05	349%	2147	11
CPU BOUND	SCHED_OTHER	100000000	5	11.56	40.17	0.02	347%	2027	11
CPU BOUND	SCHED_OTHER	100000000	5	11.21	40.03	0.02	357%	1524	11
CPU BOUND	SCHED_OTHER	100000000	5	10.86	38.79	0.05	357%	2566	11
CPU BOUND	SCHED_OTHER	100000000	5	11.33	40.55	0.01	357%	1638	10
CPU BOUND	SCHED_OTHER	100000000	5	10.47	39.81	0.06	380%	1976	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	42.21	0	372%	1593	11
CPU BOUND	SCHED_OTHER	100000000	5	11.06	40.03	0.07	362%	2553	11
CPU BOUND	SCHED_OTHER	100000000	5	11.51	43.15	0	374%	1716	11
CPU BOUND	SCHED_OTHER	100000000	5	11.6	42.68	0.06	368%	2380	11
CPU BOUND	SCHED_OTHER	100000000	5	11.36	41.31	0.05	363%	2108	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	42.15	0.02	381%	1937	11
CPU BOUND	SCHED_OTHER	100000000	5	11.06	41.38	0.05	374%	2286	11
CPU BOUND	SCHED_OTHER	100000000	5	10.23	38.18	0.06	373%	2274	11
CPU BOUND	SCHED_OTHER	100000000	5	10.73	41.53	0.02	386%	1610	11
CPU BOUND	SCHED_OTHER	100000000	5	11.13	42.37	0.02	380%	1904	11
CPU BOUND	SCHED_OTHER	100000000	5	11.06	41.61	0.06	376%	1869	11
CPU BOUND	SCHED_OTHER	100000000	5	11.27	42.56	0.01	377%	1555	11
CPU BOUND	SCHED_OTHER	100000000	5	11.31	42.82	0.02	378%	1898	11
CPU BOUND	SCHED_OTHER	100000000	5	11.97	42.46	0.04	354%	2359	11
CPU BOUND	SCHED_OTHER	100000000	5	11.37	43.06	0	378%	1764	11
CPU BOUND	SCHED_OTHER	100000000	5	11.17	41.73	0.06	374%	2367	11
CPU BOUND	SCHED_OTHER	100000000	5	11.4	42.35	0.06	371%	2255	11
CPU BOUND	SCHED_OTHER	100000000	5	11.32	41.96	0.01	370%	1492	11
CPU BOUND	SCHED_OTHER	100000000	5	11.24	39.64	0.06	353%	2332	11
CPU BOUND	SCHED_OTHER	100000000	5	11.14	41.43	0.02	372%	1894	11

CPU BOUND	SCHED_OTHER	100000000	5	10.65	40.21	0.04	377%	1823	11
CPU BOUND	SCHED_OTHER	100000000	5	11.12	41.46	0.04	373%	2248	11
CPU BOUND	SCHED_OTHER	100000000	5	11.48	41.44	0.04	361%	2715	11
CPU BOUND	SCHED_OTHER	100000000	5	11.26	42.65	0.02	378%	2006	11
CPU BOUND	SCHED_OTHER	100000000	5	10.7	40.49	0.03	378%	2082	11
CPU BOUND	SCHED_OTHER	100000000	5	11.36	42.22	0.02	371%	1750	11
CPU BOUND	SCHED_OTHER	100000000	5	11.19	42.77	0.02	382%	1759	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	39.49	0.04	358%	3026	11
CPU BOUND	SCHED_OTHER	100000000	5	11.25	41.71	0.05	371%	1927	11
CPU BOUND	SCHED_OTHER	100000000	5	11.44	42.99	0.03	375%	1711	11
CPU BOUND	SCHED_OTHER	100000000	5	10.55	38.98	0.03	369%	2625	11
CPU BOUND	SCHED_OTHER	100000000	5	10.97	40.28	0.02	367%	1748	11
CPU BOUND	SCHED_OTHER	100000000	5	10.75	39.59	0.02	368%	1704	11
CPU BOUND	SCHED_OTHER	100000000	5	10.42	38.39	0.05	368%	1969	11
CPU BOUND	SCHED_OTHER	100000000	5	11	40.14	0.03	364%	1973	11
CPU BOUND	SCHED_OTHER	100000000	5	10.87	41.15	0.01	378%	1746	11
CPU BOUND	SCHED_OTHER	100000000	5	10.99	40.92	0.05	372%	1913	11
CPU BOUND	SCHED_OTHER	100000000	5	11.49	41.73	0.02	363%	1674	11
CPU BOUND	SCHED_OTHER	100000000	5	10.83	39.15	0.08	362%	2531	11
CPU BOUND	SCHED_OTHER	100000000	5	10.62	39.81	0.01	374%	1501	11
CPU BOUND	SCHED_OTHER	100000000	5	10.1	38.59	0	382%	1270	11
CPU BOUND	SCHED_OTHER	100000000	5	11.5	43.01	0.04	374%	2310	11
CPU BOUND	SCHED_OTHER	100000000	5	10.73	40.9	0.01	381%	1576	11
CPU BOUND	SCHED_OTHER	100000000	5	9.58	37.13	0.01	387%	1511	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	38.38	0.03	347%	2127	11
CPU BOUND	SCHED_OTHER	100000000	5	11.33	42.67	0.05	377%	2182	11
CPU BOUND	SCHED_OTHER	100000000	5	10.91	41.02	0	375%	1512	11
CPU BOUND	SCHED_OTHER	100000000	5	11.11	40.58	0.06	365%	2187	11
CPU BOUND	SCHED_OTHER	100000000	5	11.47	43.07	0.02	375%	1795	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	42.13	0.07	371%	2299	11
CPU BOUND	SCHED_OTHER	100000000	5	10.8	39.33	0.01	364%	2222	11
CPU BOUND	SCHED_OTHER	100000000	5	10.86	40.83	0.03	376%	1869	11
CPU BOUND	SCHED_OTHER	100000000	5	11.56	42.47	0.06	367%	2072	11
CPU BOUND	SCHED_OTHER	100000000	5	10.83	39.94	0.02	368%	2307	11
CPU BOUND	SCHED_OTHER	100000000	5	10.8	39.1	0.02	362%	1491	11
CPU BOUND	SCHED_OTHER	100000000	5	11.22	39.61	0.04	353%	2092	11
CPU BOUND	SCHED_OTHER	100000000	5	11.44	41.24	0.02	360%	1709	11
CPU BOUND	SCHED_OTHER	100000000	5	11.68	42.59	0.03	364%	2003	11
CPU BOUND	SCHED_OTHER	100000000	5	11.47	42.21	0.01	367%	1496	11
CPU BOUND	SCHED_OTHER	100000000	5	11.42	41.11	0.06	360%	2296	11
CPU BOUND	SCHED_OTHER	100000000	5	11.32	42.95	0.02	379%	1829	11
CPU BOUND	SCHED_OTHER	100000000	5	11.59	42.47	0.01	366%	1490	11
CPU BOUND	SCHED_OTHER	100000000	5	11.38	41.91	0.06	368%	2023	11
CPU BOUND	SCHED_OTHER	100000000	5	11.86	43.91	0.03	370%	1807	11
CPU BOUND	SCHED_OTHER	100000000	5	11.67	43.83	0	375%	1740	11
CPU BOUND	SCHED_OTHER	100000000	5	11.84	43.04	0.07	364%	2868	11
CPU BOUND	SCHED_OTHER	100000000	5	11.63	42.83	0.02	368%	1728	11
CPU BOUND	SCHED_OTHER	100000000	5	11.22	41.9	0.01	373%	1648	11
CPU BOUND	SCHED_OTHER	100000000	5	10.74	38.69	0.07	360%	2040	11
CPU BOUND	SCHED_OTHER	100000000	5	11.45	41.93	0.01	366%	1686	11
CPU BOUND	SCHED_OTHER	100000000	5	11.77	39.29	0.07	334%	2462	11
CPU BOUND	SCHED_OTHER	100000000	5	11.66	42.85	0	367%	1601	11
CPU BOUND	SCHED_OTHER	100000000	5	11.15	42.19	0.02	378%	1826	11
CPU BOUND	SCHED_OTHER	100000000	5	11.65	41.56	0.07	357%	2723	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	42.57	0.02	375%	1997	11
CPU BOUND	SCHED_OTHER	100000000	5	11.39	42.48	0.02	372%	1691	11
CPU BOUND	SCHED_OTHER	100000000	5	11.66	42.71	0.04	366%	1917	11
CPU BOUND	SCHED_OTHER	100000000	5	11.71	42.8	0.03	365%	1726	11
CPU BOUND	SCHED_OTHER	100000000	5	11.85	42.09	0.06	355%	1980	11
CPU BOUND	SCHED_OTHER	100000000	5	11.48	43.7	0.02	380%	1967	11
CPU BOUND	SCHED_OTHER	100000000	5	11.79	43.55	0.07	369%	3031	12
CPU BOUND	SCHED_OTHER	100000000	5	11.65	43.15	0.02	370%	2002	11
CPU BOUND	SCHED_OTHER	100000000	5	11.39	42.85	0.03	376%	1977	11
CPU BOUND	SCHED_OTHER	100000000	5	11.22	41.97	0.03	374%	1761	11
CPU BOUND	SCHED_OTHER	100000000	5	11.75	42.61	0.04	362%	1935	11
CPU BOUND	SCHED_OTHER	100000000	5	11.04	39.06	0.04	354%	2103	11
CPU BOUND	SCHED_OTHER	100000000	5	11.01	38.97	0.02	354%	2088	11
CPU BOUND	SCHED_OTHER	100000000	5	10.88	41.76	0.05	384%	1858	11

CPU BOUND	SCHED_OTHER	100000000	5	11.08	39.9	0.08	360%	2964	11
CPU BOUND	SCHED_OTHER	100000000	5	10.42	39.38	0.02	378%	1876	11
CPU BOUND	SCHED_OTHER	100000000	5	10.5	38.21	0.03	364%	1663	11
CPU BOUND	SCHED_OTHER	100000000	5	10.7	38.81	0.04	363%	2260	11
CPU BOUND	SCHED_OTHER	100000000	5	11.28	41.67	0.06	369%	1772	11
CPU BOUND	SCHED_OTHER	100000000	5	11.6	42.4	0.06	365%	2002	11
CPU BOUND	SCHED_OTHER	100000000	5	11.77	41.19	0.06	350%	2737	11
CPU BOUND	SCHED_OTHER	100000000	5	11.64	43.47	0.03	373%	1643	11
CPU BOUND	SCHED_OTHER	100000000	5	11.78	42.17	0.02	358%	2164	11
CPU BOUND	SCHED_OTHER	100000000	5	11.58	42.43	0.03	366%	2011	11
CPU BOUND	SCHED_OTHER	100000000	5	11.12	41.73	0.03	375%	1835	11
CPU BOUND	SCHED_OTHER	100000000	5	10.31	38.77	0.05	376%	2476	11
CPU BOUND	SCHED_OTHER	100000000	5	10.89	40.49	0.04	371%	1723	11
CPU BOUND	SCHED_OTHER	100000000	5	10.92	40.37	0.01	369%	1607	11
CPU BOUND	SCHED_OTHER	100000000	5	10.18	38.07	0.07	374%	2280	11
CPU BOUND	SCHED_OTHER	100000000	5	10.89	40.02	0.04	367%	1949	11
CPU BOUND	SCHED_OTHER	100000000	5	11.41	41.81	0.06	366%	1911	11
CPU BOUND	SCHED_OTHER	100000000	5	11.35	42.29	0.04	372%	2228	11
CPU BOUND	SCHED_OTHER	100000000	5	11.33	42.81	0.02	377%	1614	11
CPU BOUND	SCHED_OTHER	100000000	5	11.65	41.37	0.05	355%	2686	11
CPU BOUND	SCHED_OTHER	100000000	5	11.76	42.53	0.01	361%	1889	11
CPU BOUND	SCHED_OTHER	100000000	5	11.62	42.11	0.04	362%	1893	11
CPU BOUND	SCHED_OTHER	100000000	5	11.55	42.9	0.02	371%	1974	11
CPU BOUND	SCHED_OTHER	100000000	5	11.79	43.02	0.02	365%	2156	11
CPU BOUND	SCHED_OTHER	100000000	5	10.83	39.85	0.08	368%	2490	11
CPU BOUND	SCHED_OTHER	100000000	5	11.03	42.02	0	380%	1693	11
CPU BOUND	SCHED_OTHER	100000000	5	10.93	39.88	0.06	365%	2449	11
CPU BOUND	SCHED_OTHER	100000000	5	11.2	41.21	0.01	367%	1527	11
CPU BOUND	SCHED_OTHER	100000000	5	10.53	39.27	0.05	373%	2505	11
CPU BOUND	SCHED_OTHER	100000000	5	10.41	38.53	0.07	370%	2219	11
CPU BOUND	SCHED_OTHER	100000000	5	10.99	41.36	0.04	376%	2047	11
CPU BOUND	SCHED_OTHER	100000000	5	10.64	39.09	0.05	367%	2579	11
CPU BOUND	SCHED_OTHER	100000000	5	10.74	39.4	0.04	367%	2000	11
CPU BOUND	SCHED_OTHER	100000000	5	10.77	40.3	0.01	374%	1478	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	42.06	0.05	371%	2274	11
CPU BOUND	SCHED_OTHER	100000000	5	11.71	41.23	0.04	352%	2150	11
CPU BOUND	SCHED_OTHER	100000000	5	11.83	41.54	0.04	351%	1600	11
CPU BOUND	SCHED_OTHER	100000000	5	11.77	42.47	0.09	361%	2627	11
CPU BOUND	SCHED_OTHER	100000000	5	11.43	42.76	0	374%	1453	11
CPU BOUND	SCHED_OTHER	100000000	5	11.1	40.91	0	368%	1424	11
CPU BOUND	SCHED_OTHER	100000000	5	11.38	40.07	0.04	352%	1846	11
CPU BOUND	SCHED_OTHER	100000000	5	11.2	41.48	0.02	370%	1517	11
CPU BOUND	SCHED_OTHER	100000000	5	10.95	39.69	0.1	363%	2351	11
CPU BOUND	SCHED_OTHER	100000000	5	11.14	41.82	0.03	375%	2003	11
CPU BOUND	SCHED_OTHER	100000000	5	10.33	38.45	0.06	372%	2352	11
CPU BOUND	SCHED_OTHER	100000000	5	10.25	37.8	0.01	368%	2322	13
CPU BOUND	SCHED_OTHER	100000000	5	10.09	37.78	0.02	374%	1834	11
CPU BOUND	SCHED_OTHER	100000000	5	11.34	41.96	0.05	370%	1876	11
CPU BOUND	SCHED_OTHER	100000000	5	10.48	37.65	0.04	359%	1793	11
CPU BOUND	SCHED_OTHER	100000000	5	10.15	37.4	0.02	368%	1564	11
CPU BOUND	SCHED_OTHER	100000000	5	10.68	39.14	0.06	366%	2013	11
CPU BOUND	SCHED_OTHER	100000000	5	11.72	42.02	0.04	358%	2006	11
CPU BOUND	SCHED_OTHER	100000000	5	11.73	42.29	0.06	360%	2259	11
CPU BOUND	SCHED_OTHER	100000000	5	11.31	40.46	0.04	357%	1995	11
CPU BOUND	SCHED_OTHER	100000000	5	11.79	43.3	0	367%	1484	11
CPU BOUND	SCHED_OTHER	100000000	5	11.26	42.95	0.06	381%	1938	11
CPU BOUND	SCHED_OTHER	100000000	5	11.59	42.71	0.05	368%	1981	11
CPU BOUND	SCHED_RR	100000000	5	12.64	37.67	0.01	298%	93	11
CPU BOUND	SCHED_RR	100000000	5	12.46	39.3	0	315%	107	10
CPU BOUND	SCHED_RR	100000000	5	12.42	36.87	0	296%	72	11
CPU BOUND	SCHED_RR	100000000	5	12.17	38.05	0	312%	76	10
CPU BOUND	SCHED_RR	100000000	5	12.08	37.18	0.02	307%	105	10
CPU BOUND	SCHED_RR	100000000	5	12.34	39.15	0.03	317%	108	11
CPU BOUND	SCHED_RR	100000000	5	11.49	36.5	0	317%	90	10
CPU BOUND	SCHED_RR	100000000	5	12.42	38.94	0.06	313%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.07	37.57	0.01	311%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.19	38.29	0.01	314%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.08	39.47	0	326%	102	11

CPU BOUND	SCHED_RR	100000000	5	12.42	39.84	0	320%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.25	38.76	0.06	316%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.94	38.16	0	294%	94	11
CPU BOUND	SCHED_RR	100000000	5	12.39	38.76	0.08	313%	106	9
CPU BOUND	SCHED_RR	100000000	5	12.46	38.64	0.09	310%	113	11
CPU BOUND	SCHED_RR	100000000	5	12.36	38.8	0.02	314%	110	10
CPU BOUND	SCHED_RR	100000000	5	12.53	38.05	0	303%	77	10
CPU BOUND	SCHED_RR	100000000	5	11.95	38.11	0.02	318%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.16	37.57	0.06	309%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.31	38.4	0.01	312%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.4	39.18	0.04	316%	114	10
CPU BOUND	SCHED_RR	100000000	5	11.95	37.8	0.03	316%	98	10
CPU BOUND	SCHED_RR	100000000	5	13.63	38.2	0.07	280%	58	11
CPU BOUND	SCHED_RR	100000000	5	13.71	37.77	0.01	275%	98	11
CPU BOUND	SCHED_RR	100000000	5	12.05	38.18	0	316%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.25	39.83	0.01	325%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.42	39.26	0.01	316%	110	11
CPU BOUND	SCHED_RR	100000000	5	12.63	38.83	0	307%	110	10
CPU BOUND	SCHED_RR	100000000	5	14.02	37.79	0	269%	98	10
CPU BOUND	SCHED_RR	100000000	5	12.74	38.84	0.02	305%	114	11
CPU BOUND	SCHED_RR	100000000	5	13.02	38.58	0.08	296%	101	10
CPU BOUND	SCHED_RR	100000000	5	12.23	37.97	0.04	310%	111	10
CPU BOUND	SCHED_RR	100000000	5	12.22	39.49	0	323%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.29	38.94	0.05	317%	107	11
CPU BOUND	SCHED_RR	100000000	5	13.41	38.32	0.02	285%	107	11
CPU BOUND	SCHED_RR	100000000	5	13.86	37.35	0.04	269%	97	10
CPU BOUND	SCHED_RR	100000000	5	11.64	36.19	0.03	311%	94	10
CPU BOUND	SCHED_RR	100000000	5	12.37	38.53	0.05	311%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.35	38.4	0.01	310%	113	11
CPU BOUND	SCHED_RR	100000000	5	12.31	38.59	0.02	313%	110	11
CPU BOUND	SCHED_RR	100000000	5	11.97	37.94	0	316%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.53	39.27	0	313%	112	10
CPU BOUND	SCHED_RR	100000000	5	12.02	38.87	0.03	323%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.02	38.67	0.03	321%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.42	38.42	0.02	309%	113	11
CPU BOUND	SCHED_RR	100000000	5	12.32	39.47	0.01	320%	107	10
CPU BOUND	SCHED_RR	100000000	5	12.37	39.03	0.04	315%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.41	39.05	0	314%	110	10
CPU BOUND	SCHED_RR	100000000	5	13.93	37.97	0	272%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.13	37.81	0.06	312%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.27	39.06	0	318%	106	10
CPU BOUND	SCHED_RR	100000000	5	12.39	38.16	0.05	308%	110	10
CPU BOUND	SCHED_RR	100000000	5	12.9	37.3	0	288%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.26	36.65	0.07	299%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.56	39.24	0.02	312%	111	11
CPU BOUND	SCHED_RR	100000000	5	14.07	38.52	0	273%	99	11
CPU BOUND	SCHED_RR	100000000	5	12.35	38.64	0.01	312%	107	10
CPU BOUND	SCHED_RR	100000000	5	12.04	38.73	0	321%	103	11
CPU BOUND	SCHED_RR	100000000	5	11.79	38.95	0.05	330%	98	11
CPU BOUND	SCHED_RR	100000000	5	12.46	38.25	0	306%	110	11
CPU BOUND	SCHED_RR	100000000	5	12.33	38.21	0.04	310%	106	10
CPU BOUND	SCHED_RR	100000000	5	11.9	38.66	0	324%	98	11
CPU BOUND	SCHED_RR	100000000	5	12.62	39.06	0.01	309%	114	10
CPU BOUND	SCHED_RR	100000000	5	12.31	39.38	0.02	320%	101	10
CPU BOUND	SCHED_RR	100000000	5	13.55	38.37	0	283%	74	10
CPU BOUND	SCHED_RR	100000000	5	13.78	36.89	0.02	267%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.11	39.01	0.04	322%	104	11
CPU BOUND	SCHED_RR	100000000	5	12.07	38.27	0.06	317%	104	10
CPU BOUND	SCHED_RR	100000000	5	11.89	37.69	0.08	317%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.35	36.61	0.04	296%	93	11
CPU BOUND	SCHED_RR	100000000	5	12.34	38.03	0.02	308%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.47	38.94	0.02	312%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.6	38.53	0.04	305%	115	11
CPU BOUND	SCHED_RR	100000000	5	11.78	37.97	0.04	322%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.54	38.84	0.07	310%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.34	39.01	0.01	316%	106	10
CPU BOUND	SCHED_RR	100000000	5	12.18	38.57	0.02	316%	106	10
CPU BOUND	SCHED_RR	100000000	5	11.93	37.99	0	318%	104	11

CPU BOUND	SCHED_RR	100000000	5	12.34	39.41	0.06	319%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.71	38.75	0.08	305%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.25	39.21	0.01	320%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.7	39.34	0.06	310%	114	10
CPU BOUND	SCHED_RR	100000000	5	11.68	38.37	0	328%	98	10
CPU BOUND	SCHED_RR	100000000	5	12.4	38.24	0	308%	108	11
CPU BOUND	SCHED_RR	100000000	5	13.03	37.93	0.02	291%	105	11
CPU BOUND	SCHED_RR	100000000	5	11.48	36.63	0	319%	95	11
CPU BOUND	SCHED_RR	100000000	5	12.47	38.24	0	306%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.23	38.4	0.02	313%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.32	37.76	0.02	306%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.68	37.99	0	299%	76	11
CPU BOUND	SCHED_RR	100000000	5	12.48	38.6	0.03	309%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.21	38.59	0.01	316%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.13	38.22	0.04	315%	105	11
CPU BOUND	SCHED_RR	100000000	5	13.1	38.54	0	294%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.9	38.22	0.01	296%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.68	39.25	0.06	309%	114	11
CPU BOUND	SCHED_RR	100000000	5	12.02	37.55	0.03	312%	105	11
CPU BOUND	SCHED_RR	100000000	5	11.88	37.58	0.02	316%	99	10
CPU BOUND	SCHED_RR	100000000	5	12.3	38.34	0.04	311%	105	11
CPU BOUND	SCHED_RR	100000000	5	11.86	38.08	0.01	321%	101	10
CPU BOUND	SCHED_RR	100000000	5	11.91	38.91	0.03	326%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.24	37.2	0.02	304%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.02	37.51	0.02	312%	103	11
CPU BOUND	SCHED_RR	100000000	5	13.16	39.05	0.01	296%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.11	38.34	0	316%	106	11
CPU BOUND	SCHED_RR	100000000	5	11.96	38.52	0.02	322%	94	11
CPU BOUND	SCHED_RR	100000000	5	12.38	38.75	0	312%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.48	38.61	0.06	309%	114	11
CPU BOUND	SCHED_RR	100000000	5	12.18	38.97	0	319%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.17	38.67	0.03	318%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.57	39.42	0.02	313%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.2	38.45	0	315%	106	10
CPU BOUND	SCHED_RR	100000000	5	13.02	38.55	0	296%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.18	37.77	0	310%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.5	39.25	0	313%	111	10
CPU BOUND	SCHED_RR	100000000	5	12.1	38.59	0.04	319%	105	10
CPU BOUND	SCHED_RR	100000000	5	11.98	39.21	0.01	327%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.5	37.95	0.04	303%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.05	36.58	0.01	303%	102	10
CPU BOUND	SCHED_RR	100000000	5	11.87	37.61	0.03	317%	101	11
CPU BOUND	SCHED_RR	100000000	5	11.66	37.71	0.02	323%	97	11
CPU BOUND	SCHED_RR	100000000	5	12.41	38.04	0.04	306%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.01	38.43	0.03	320%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.29	38.53	0	313%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.75	39.52	0.03	310%	109	10
CPU BOUND	SCHED_RR	100000000	5	12.33	38.41	0.03	311%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.49	38.35	0.12	307%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.13	39.03	0.02	321%	104	11
CPU BOUND	SCHED_RR	100000000	5	12.17	38.59	0	317%	107	10
CPU BOUND	SCHED_RR	100000000	5	12.17	38.8	0.06	319%	102	10
CPU BOUND	SCHED_RR	100000000	5	13.73	38.05	0.06	277%	98	11
CPU BOUND	SCHED_RR	100000000	5	11.96	36.91	0.02	308%	77	11
CPU BOUND	SCHED_RR	100000000	5	13.22	38.44	0.02	290%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.11	39.33	0.01	324%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.05	37.52	0.04	311%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.44	38.63	0.04	310%	115	11
CPU BOUND	SCHED_RR	100000000	5	12.61	37.19	0.01	294%	92	11
CPU BOUND	SCHED_RR	100000000	5	12.57	38.37	0.01	305%	114	11
CPU BOUND	SCHED_RR	100000000	5	12.28	38.68	0.06	315%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.33	37.77	0	306%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.72	38.81	0.03	305%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.38	39.14	0.02	316%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.52	39.26	0.02	313%	106	10
CPU BOUND	SCHED_RR	100000000	5	14.02	37.89	0	270%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.31	39.45	0.06	320%	101	10
CPU BOUND	SCHED_RR	100000000	5	12.38	38.31	0.02	309%	106	10

CPU BOUND	SCHED_RR	100000000	5	12.39	39.85	0.05	322%	110	11
CPU BOUND	SCHED_RR	100000000	5	13.47	37.54	0.07	279%	94	11
CPU BOUND	SCHED_RR	100000000	5	12.51	38.92	0	311%	87	11
CPU BOUND	SCHED_RR	100000000	5	11.85	38.3	0	323%	100	10
CPU BOUND	SCHED_RR	100000000	5	12.13	38.37	0	316%	104	11
CPU BOUND	SCHED_RR	100000000	5	11.8	36.16	0.05	306%	97	10
CPU BOUND	SCHED_RR	100000000	5	11.51	36.45	0.02	316%	95	11
CPU BOUND	SCHED_RR	100000000	5	12.27	37.69	0.04	307%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.16	38.25	0.06	314%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.36	39.12	0	316%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.13	37.76	0.1	312%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.59	39.27	0	311%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.16	38.89	0.01	319%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.16	38.75	0.01	318%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.47	39.11	0.02	313%	112	10
CPU BOUND	SCHED_RR	100000000	5	12.17	38.75	0.01	318%	107	11
CPU BOUND	SCHED_RR	100000000	5	12.37	39.13	0.01	316%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.67	39.18	0.07	309%	117	11
CPU BOUND	SCHED_RR	100000000	5	11.81	38.26	0	323%	97	11
CPU BOUND	SCHED_RR	100000000	5	12.72	38.51	0	302%	100	11
CPU BOUND	SCHED_RR	100000000	5	14	38.32	0	273%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.56	38.76	0.05	308%	112	10
CPU BOUND	SCHED_RR	100000000	5	11.52	37.1	0.05	322%	96	11
CPU BOUND	SCHED_RR	100000000	5	12.31	37.25	0.02	302%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.14	38.47	0.04	317%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.72	38.67	0	303%	117	11
CPU BOUND	SCHED_RR	100000000	5	11.9	38.57	0.02	324%	102	10
CPU BOUND	SCHED_RR	100000000	5	11.92	37.69	0.04	316%	99	10
CPU BOUND	SCHED_RR	100000000	5	12.97	38.47	0.01	296%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.22	38.57	0.08	316%	106	10
CPU BOUND	SCHED_RR	100000000	5	11.92	38.24	0.03	321%	101	10
CPU BOUND	SCHED_RR	100000000	5	12.61	38.73	0.08	307%	114	10
CPU BOUND	SCHED_RR	100000000	5	12.47	38.48	0.03	308%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.42	38.83	0.01	312%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.28	38.94	0.04	317%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.38	38.83	0.01	313%	105	10
CPU BOUND	SCHED_RR	100000000	5	13.4	39	0.01	291%	108	10
CPU BOUND	SCHED_RR	100000000	5	12.53	39.14	0.01	312%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.19	38.72	0.03	317%	106	11
CPU BOUND	SCHED_RR	100000000	5	11.76	36.18	0.01	307%	102	10
CPU BOUND	SCHED_RR	100000000	5	12.18	38.41	0.07	315%	104	9
CPU BOUND	SCHED_RR	100000000	5	12.47	38.53	0	308%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.28	38.78	0.02	315%	109	11
CPU BOUND	SCHED_RR	100000000	5	13.22	38.7	0	292%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.4	38.69	0.03	312%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.01	38.32	0.01	319%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.87	38.17	0	296%	99	11
CPU BOUND	SCHED_RR	100000000	5	11.93	38.06	0.01	318%	104	11
CPU BOUND	SCHED_RR	100000000	5	13.06	38.68	0	296%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.72	39.26	0.04	309%	114	11
CPU BOUND	SCHED_RR	100000000	5	12.03	38.89	0.01	323%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.47	38.77	0.06	311%	112	10
CPU BOUND	SCHED_RR	100000000	5	11.71	37.96	0.02	324%	93	11
CPU BOUND	SCHED_RR	100000000	5	12.4	39.12	0.03	315%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.39	38.31	0.02	309%	110	11
CPU BOUND	SCHED_RR	100000000	5	12.15	37.65	0	309%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.42	37.66	0.03	303%	110	10
CPU BOUND	SCHED_RR	100000000	5	13.49	37.68	0.02	279%	94	11
CPU BOUND	SCHED_RR	100000000	5	13.07	38.99	0.03	298%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.3	38.01	0.06	309%	111	11
CPU BOUND	SCHED_RR	100000000	5	11.97	38.05	0.02	318%	102	10
CPU BOUND	SCHED_RR	100000000	5	12.57	39.35	0.06	313%	109	10
CPU BOUND	SCHED_RR	100000000	5	12.53	39.07	0.04	312%	115	11
CPU BOUND	SCHED_RR	100000000	5	11.96	38.84	0	324%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.25	38.48	0.01	314%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.16	39.75	0.01	326%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.59	39.14	0.04	311%	113	11
CPU BOUND	SCHED_RR	100000000	5	12.72	38.97	0.02	306%	108	11

CPU BOUND	SCHED_RR	100000000	5	12.08	39.22	0.05	324%	102	10
CPU BOUND	SCHED_RR	100000000	5	11.7	38.12	0.03	325%	94	10
CPU BOUND	SCHED_RR	100000000	5	12.25	39.5	0	322%	101	10
CPU BOUND	SCHED_RR	100000000	5	13.63	37.53	1.66	287%	80	11
CPU BOUND	SCHED_RR	100000000	5	13.26	38.26	0.07	289%	109	11
CPU BOUND	SCHED_RR	100000000	5	13.08	38.6	0.67	300%	110	10
CPU BOUND	SCHED_RR	100000000	5	11.98	38.49	0.02	321%	105	11
CPU BOUND	SCHED_RR	100000000	5	13.09	39.15	0	299%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.01	38.57	0	321%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.15	38.47	0.05	316%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.04	37.89	0.5	318%	100	10
CPU BOUND	SCHED_RR	100000000	5	12.72	39.07	0.06	307%	116	10
CPU BOUND	SCHED_RR	100000000	5	12.4	38.15	0.35	310%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.14	38.79	0.38	322%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.91	38.51	0	298%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.47	39.08	0.04	313%	111	10
CPU BOUND	SCHED_RR	100000000	5	14.21	38.33	0.01	269%	101	11
CPU BOUND	SCHED_RR	100000000	5	13.58	38.8	0	285%	111	11
CPU BOUND	SCHED_RR	100000000	5	12.49	38.58	0.06	309%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.17	37.54	0.06	309%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.17	37.41	0.03	307%	103	10
CPU BOUND	SCHED_RR	100000000	5	12.09	36.01	0	297%	89	11
CPU BOUND	SCHED_RR	100000000	5	12.39	37.85	0.04	305%	110	11
CPU BOUND	SCHED_RR	100000000	5	12.2	37.27	0.01	305%	109	11
CPU BOUND	SCHED_RR	100000000	5	13.11	37.8	0	288%	106	11
CPU BOUND	SCHED_RR	100000000	5	11.9	37.43	0.02	314%	100	10
CPU BOUND	SCHED_RR	100000000	5	13.75	36.77	0.02	267%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.28	38.22	0	311%	110	11
CPU BOUND	SCHED_RR	100000000	5	11.92	37.33	0.01	313%	99	11
CPU BOUND	SCHED_RR	100000000	5	11.88	37.89	0.03	319%	101	10
CPU BOUND	SCHED_RR	100000000	5	12.6	38.55	0.06	306%	115	11
CPU BOUND	SCHED_RR	100000000	5	14.16	38.35	0	270%	103	11
CPU BOUND	SCHED_RR	100000000	5	12.82	39.92	0.05	311%	106	10
CPU BOUND	SCHED_RR	100000000	5	12.56	40.39	0.03	321%	105	11
CPU BOUND	SCHED_RR	100000000	5	11.49	37.43	0.01	325%	98	10
CPU BOUND	SCHED_RR	100000000	5	11.98	36.58	0.03	305%	105	11
CPU BOUND	SCHED_RR	100000000	5	13.5	36.69	0	271%	93	10
CPU BOUND	SCHED_RR	100000000	5	11.91	37.47	0.04	314%	102	11
CPU BOUND	SCHED_RR	100000000	5	12.18	39.21	0.01	322%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.69	38.84	0.05	306%	114	11
CPU BOUND	SCHED_RR	100000000	5	12.46	39.84	0	319%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.59	38.63	0.06	307%	113	10
CPU BOUND	SCHED_RR	100000000	5	12.85	39.73	0.06	309%	114	10
CPU BOUND	SCHED_RR	100000000	5	12.82	40.07	0	312%	110	11
CPU BOUND	SCHED_RR	100000000	5	12.22	37.33	0.06	305%	108	11
CPU BOUND	SCHED_RR	100000000	5	11.83	37.67	0.03	318%	99	11
CPU BOUND	SCHED_RR	100000000	5	12.45	38.98	0.03	313%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.02	37.7	0.04	313%	109	11
CPU BOUND	SCHED_RR	100000000	5	11.92	36.75	0.04	308%	69	11
CPU BOUND	SCHED_RR	100000000	5	12.32	38.89	0.02	315%	107	10
CPU BOUND	SCHED_RR	100000000	5	12.26	38.52	0.07	314%	109	11
CPU BOUND	SCHED_RR	100000000	5	12.26	39.19	0.02	319%	104	10
CPU BOUND	SCHED_RR	100000000	5	12.1	37.58	0	310%	106	10
CPU BOUND	SCHED_RR	100000000	5	12.21	37.84	0.02	309%	104	10
CPU BOUND	SCHED_RR	100000000	5	11.54	35.66	0.02	309%	68	11
CPU BOUND	SCHED_RR	100000000	5	11.19	36.22	0	323%	88	10
CPU BOUND	SCHED_RR	100000000	5	11.91	36.94	0	310%	98	10
CPU BOUND	SCHED_RR	100000000	5	12.26	37.46	0.03	305%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.02	39.14	0.02	325%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.1	39.25	0.02	324%	106	11
CPU BOUND	SCHED_RR	100000000	5	12.46	38.76	0.03	311%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.55	39.25	0.02	312%	112	11
CPU BOUND	SCHED_RR	100000000	5	12	38.35	0.06	320%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.32	39.97	0.02	324%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.05	37.77	0	313%	105	11
CPU BOUND	SCHED_RR	100000000	5	12.25	39.36	0.02	321%	103	11
CPU BOUND	SCHED_RR	100000000	5	11.88	37.09	0.05	312%	102	11
CPU BOUND	SCHED_RR	100000000	5	11.7	38.39	0.09	328%	100	11

CPU BOUND	SCHED_RR	100000000	5	11.98	38.58	0.02	322%	101	11
CPU BOUND	SCHED_RR	100000000	5	12.36	39.55	0	319%	107	10
CPU BOUND	SCHED_RR	100000000	5	11.99	38.88	0.06	324%	100	10
CPU BOUND	SCHED_RR	100000000	5	11.84	37.63	0.04	318%	99	11
CPU BOUND	SCHED_RR	100000000	5	11.57	37.22	0	321%	95	10
CPU BOUND	SCHED_RR	100000000	5	11.83	37.07	0.02	313%	98	11
CPU BOUND	SCHED_RR	100000000	5	11.91	36.43	0.05	306%	83	10
CPU BOUND	SCHED_RR	100000000	5	12.89	38.37	0.02	297%	97	11
CPU BOUND	SCHED_RR	100000000	5	12.31	38.76	0.01	314%	112	11
CPU BOUND	SCHED_RR	100000000	5	12.2	38.73	0.04	317%	103	10
CPU BOUND	SCHED_RR	100000000	5	12.34	39.13	0.02	317%	107	11
CPU BOUND	SCHED_RR	100000000	5	11.95	37.89	0.06	317%	100	11
CPU BOUND	SCHED_RR	100000000	5	12.13	40.03	0.02	330%	97	10
CPU BOUND	SCHED_RR	100000000	5	12.44	39.09	0.03	314%	108	11
CPU BOUND	SCHED_RR	100000000	5	12.44	39.04	0.06	314%	107	10
CPU BOUND	SCHED_RR	100000000	5	11.78	38.57	0.01	327%	98	10
CPU BOUND	SCHED_RR	100000000	5	11.89	37.58	0	316%	98	11
I/O BOUND	SCHED_FIFO	1	5	1.47	0	0.04	2%	1	1379
I/O BOUND	SCHED_FIFO	1	5	1.3	0	0.04	3%	1	1336
I/O BOUND	SCHED_FIFO	1	5	1.85	0	0.04	2%	1	1941
I/O BOUND	SCHED_FIFO	1	5	6	0	0.05	0%	1	1414
I/O BOUND	SCHED_FIFO	1	5	1.99	0	0.07	3%	1	1251
I/O BOUND	SCHED_FIFO	1	5	10.34	0	0.04	0%	1	1847
I/O BOUND	SCHED_FIFO	1	5	1.73	0	0.04	2%	1	1787
I/O BOUND	SCHED_FIFO	1	5	8.41	0	0.04	0%	1	1370
I/O BOUND	SCHED_FIFO	1	5	1.6	0.01	0.02	2%	1	1799
I/O BOUND	SCHED_FIFO	1	5	7.98	0	0.08	1%	1	1150
I/O BOUND	SCHED_FIFO	1	5	1.89	0	0.04	2%	1	1926
I/O BOUND	SCHED_FIFO	1	5	1.35	0	0.04	3%	1	1127
I/O BOUND	SCHED_FIFO	1	5	1.51	0	0.04	3%	1	1286
I/O BOUND	SCHED_FIFO	1	5	2.04	0	0.04	2%	1	1852
I/O BOUND	SCHED_FIFO	1	5	1.56	0	0.02	2%	1	1735
I/O BOUND	SCHED_FIFO	1	5	2.39	0	0.08	3%	1	1246
I/O BOUND	SCHED_FIFO	1	5	3.38	0	0.08	2%	1	1230
I/O BOUND	SCHED_FIFO	1	5	2.76	0.01	0.04	1%	1	1936
I/O BOUND	SCHED_FIFO	1	5	6.91	0	0.1	1%	1	1164
I/O BOUND	SCHED_FIFO	1	5	2.06	0	0.05	2%	1	1877
I/O BOUND	SCHED_FIFO	1	5	1.71	0	0.04	2%	1	1459
I/O BOUND	SCHED_FIFO	1	5	2.41	0.03	0.01	1%	1	1955
I/O BOUND	SCHED_FIFO	1	5	1.67	0	0.04	2%	1	1422
I/O BOUND	SCHED_FIFO	1	5	1.64	0	0.04	2%	1	1839
I/O BOUND	SCHED_FIFO	1	5	3.88	0	0.04	1%	1	1939
I/O BOUND	SCHED_FIFO	1	5	5.63	0	0.04	0%	1	1369
I/O BOUND	SCHED_FIFO	1	5	5.1	0	0.08	1%	1	1172
I/O BOUND	SCHED_FIFO	1	5	1.92	0	0.04	2%	1	1251
I/O BOUND	SCHED_FIFO	1	5	8.75	0.02	0.01	0%	1	1685
I/O BOUND	SCHED_FIFO	1	5	10.65	0	0.04	0%	1	1581
I/O BOUND	SCHED_FIFO	1	5	2.24	0	0.07	3%	1	1281
I/O BOUND	SCHED_FIFO	1	5	1.49	0	0.06	4%	1	1281
I/O BOUND	SCHED_FIFO	1	5	4.37	0	0.06	1%	1	1903
I/O BOUND	SCHED_FIFO	1	5	3.96	0	0.04	1%	1	1814
I/O BOUND	SCHED_FIFO	1	5	4.75	0.01	0.02	0%	1	1983
I/O BOUND	SCHED_FIFO	1	5	3.28	0	0.04	1%	1	1624
I/O BOUND	SCHED_FIFO	1	5	4.4	0	0.1	2%	1	1428
I/O BOUND	SCHED_FIFO	1	5	1.47	0	0.04	3%	1	1599
I/O BOUND	SCHED_FIFO	1	5	1.91	0.01	0.04	2%	1	1702
I/O BOUND	SCHED_FIFO	1	5	2.39	0.02	0.02	1%	1	1946
I/O BOUND	SCHED_FIFO	1	5	1.6	0	0.04	2%	1	1426
I/O BOUND	SCHED_FIFO	1	5	7.11	0.01	0.09	1%	1	1862
I/O BOUND	SCHED_FIFO	1	5	7.95	0.01	0.04	0%	1	1873
I/O BOUND	SCHED_FIFO	1	5	5.23	0	0.08	1%	1	1400
I/O BOUND	SCHED_FIFO	1	5	6.13	0	0.08	1%	1	1537
I/O BOUND	SCHED_FIFO	1	5	5.22	0	0.07	1%	1	1194
I/O BOUND	SCHED_FIFO	1	5	3.35	0	0.04	1%	1	1563
I/O BOUND	SCHED_FIFO	1	5	5.14	0	0.05	1%	1	1891
I/O BOUND	SCHED_FIFO	1	5	3.42	0	0.09	2%	1	1182
I/O BOUND	SCHED_FIFO	1	5	1.8	0.01	0.03	2%	1	1668
I/O BOUND	SCHED_FIFO	1	5	3.69	0.02	0.02	1%	1	1944

I/O BOUND	SCHED_FIFO	1	5	4.01	0	0.08	2%	1	1121
I/O BOUND	SCHED_FIFO	1	5	8.96	0.01	0.03	0%	1	1888
I/O BOUND	SCHED_FIFO	1	5	1.33	0	0.04	2%	1	1393
I/O BOUND	SCHED_FIFO	1	5	10.53	0	0.04	0%	1	1414
I/O BOUND	SCHED_FIFO	1	5	1.37	0	0.04	3%	1	1233
I/O BOUND	SCHED_FIFO	1	5	17.93	0	0.04	0%	1	1847
I/O BOUND	SCHED_FIFO	1	5	1.57	0	0.04	3%	1	1377
I/O BOUND	SCHED_FIFO	1	5	1.82	0.01	0.02	2%	0	1802
I/O BOUND	SCHED_FIFO	1	5	3.83	0	0.08	2%	1	1351
I/O BOUND	SCHED_FIFO	1	5	20.86	0	0.07	0%	1	1316
I/O BOUND	SCHED_FIFO	1	5	1.8	0	0.06	3%	1	1263
I/O BOUND	SCHED_FIFO	1	5	2.38	0	0.07	3%	1	1259
I/O BOUND	SCHED_FIFO	1	5	3.51	0	0.04	1%	1	1957
I/O BOUND	SCHED_FIFO	1	5	2.69	0	0.07	2%	1	1274
I/O BOUND	SCHED_FIFO	1	5	1.37	0	0.06	4%	2	1264
I/O BOUND	SCHED_FIFO	1	5	1.47	0	0.04	2%	1	1280
I/O BOUND	SCHED_FIFO	1	5	1.61	0	0.05	3%	1	1143
I/O BOUND	SCHED_FIFO	1	5	2.57	0	0.04	1%	1	1833
I/O BOUND	SCHED_FIFO	1	5	10.67	0	0.05	0%	1	1667
I/O BOUND	SCHED_FIFO	1	5	19.05	0.01	0.05	0%	1	1601
I/O BOUND	SCHED_FIFO	1	5	5.59	0.02	0.03	1%	1	1422
I/O BOUND	SCHED_FIFO	1	5	1.76	0	0.03	2%	1	1560
I/O BOUND	SCHED_FIFO	1	5	1.99	0	0.04	2%	1	1188
I/O BOUND	SCHED_FIFO	1	5	2.01	0	0.04	2%	1	1989
I/O BOUND	SCHED_FIFO	1	5	6.77	0.02	0.02	0%	1	1983
I/O BOUND	SCHED_FIFO	1	5	2.3	0	0.07	3%	1	1213
I/O BOUND	SCHED_FIFO	1	5	1.67	0	0.04	2%	1	1467
I/O BOUND	SCHED_FIFO	1	5	1.77	0	0.15	8%	1	1335
I/O BOUND	SCHED_FIFO	1	5	2.13	0	0.08	3%	1	1257
I/O BOUND	SCHED_FIFO	1	5	1.48	0	0.04	2%	1	1284
I/O BOUND	SCHED_FIFO	1	5	2.15	0	0.03	1%	1	1252
I/O BOUND	SCHED_FIFO	1	5	2.32	0	0.04	2%	1	1789
I/O BOUND	SCHED_FIFO	1	5	11.29	0	0.18	1%	1	1140
I/O BOUND	SCHED_FIFO	1	5	3.28	0.01	0.02	1%	1	1380
I/O BOUND	SCHED_FIFO	1	5	5.38	0.01	0.04	1%	1	1323
I/O BOUND	SCHED_FIFO	1	5	10.21	0	0.04	0%	1	1403
I/O BOUND	SCHED_FIFO	1	5	2.71	0	0.04	1%	1	1425
I/O BOUND	SCHED_FIFO	1	5	2.41	0	0.13	5%	1	1246
I/O BOUND	SCHED_FIFO	1	5	1.75	0	0.04	2%	1	1383
I/O BOUND	SCHED_FIFO	1	5	4.96	0	0.08	1%	1	1141
I/O BOUND	SCHED_FIFO	1	5	2	0	0.03	1%	1	1880
I/O BOUND	SCHED_FIFO	1	5	1.68	0	0.04	2%	1	1573
I/O BOUND	SCHED_FIFO	1	5	3.23	0	0.04	1%	1	1194
I/O BOUND	SCHED_FIFO	1	5	1.24	0	0.07	6%	1	1209
I/O BOUND	SCHED_FIFO	1	5	4.19	0	0.07	1%	1	1262
I/O BOUND	SCHED_FIFO	1	5	1.41	0	0.03	3%	1	1179
I/O BOUND	SCHED_FIFO	1	5	1.23	0	0.04	3%	1	1139
I/O BOUND	SCHED_FIFO	1	5	1.9	0	0.04	2%	1	1649
I/O BOUND	SCHED_FIFO	1	5	8.25	0	0.05	0%	1	1398
I/O BOUND	SCHED_FIFO	1	5	7.61	0.01	0.02	0%	1	1581
I/O BOUND	SCHED_FIFO	1	5	2.65	0.01	0.05	2%	1	1187
I/O BOUND	SCHED_FIFO	1	5	1.46	0	0.06	4%	1	1179
I/O BOUND	SCHED_FIFO	1	5	2.67	0.02	0.02	1%	1	1961
I/O BOUND	SCHED_FIFO	1	5	1.14	0	0.06	5%	1	1212
I/O BOUND	SCHED_FIFO	1	5	2.94	0	0.06	2%	1	1238
I/O BOUND	SCHED_FIFO	1	5	2.79	0	0.08	2%	1	1315
I/O BOUND	SCHED_FIFO	1	5	1.59	0	0.05	3%	1	1665
I/O BOUND	SCHED_FIFO	1	5	1.58	0	0.06	3%	1	1171
I/O BOUND	SCHED_FIFO	1	5	1.35	0	0.05	4%	1	1167
I/O BOUND	SCHED_FIFO	1	5	1.5	0	0.07	4%	1	1146
I/O BOUND	SCHED_FIFO	1	5	1.31	0	0.04	3%	1	1197
I/O BOUND	SCHED_FIFO	1	5	1.28	0	0.04	3%	1	1218
I/O BOUND	SCHED_FIFO	1	5	2.98	0.02	0.02	1%	1	1323
I/O BOUND	SCHED_FIFO	1	5	4.61	0	0.07	1%	1	1312
I/O BOUND	SCHED_FIFO	1	5	4.28	0	0.07	1%	1	1253
I/O BOUND	SCHED_FIFO	1	5	1.45	0	0.04	3%	1	1240
I/O BOUND	SCHED_FIFO	1	5	1.84	0.02	0.02	2%	1	1950
I/O BOUND	SCHED_FIFO	1	5	5.17	0	0.06	1%	1	1684

I/O BOUND	SCHED_FIFO	1	5	1.87	0	0.04	2%	1	1794
I/O BOUND	SCHED_FIFO	1	5	6.56	0	0.07	1%	1	1204
I/O BOUND	SCHED_FIFO	1	5	3.98	0.01	0.04	1%	1	1245
I/O BOUND	SCHED_FIFO	1	5	1.93	0	0.07	3%	1	1307
I/O BOUND	SCHED_FIFO	1	5	3.72	0	0.07	2%	1	1261
I/O BOUND	SCHED_FIFO	1	5	3.64	0	0.09	2%	1	1787
I/O BOUND	SCHED_FIFO	1	5	3.52	0	0.1	2%	1	1134
I/O BOUND	SCHED_FIFO	1	5	7.96	0	0.05	0%	1	1277
I/O BOUND	SCHED_FIFO	1	5	3.39	0.01	0.03	1%	1	1958
I/O BOUND	SCHED_FIFO	1	5	5.33	0	0.04	1%	1	1935
I/O BOUND	SCHED_FIFO	1	5	2.23	0	0.04	2%	1	1539
I/O BOUND	SCHED_FIFO	1	5	4.91	0	0.04	0%	1	1534
I/O BOUND	SCHED_FIFO	1	5	4.92	0	0.05	1%	1	1790
I/O BOUND	SCHED_FIFO	1	5	7.14	0	0.04	0%	1	1791
I/O BOUND	SCHED_FIFO	1	5	3.73	0.02	0.02	1%	1	1939
I/O BOUND	SCHED_FIFO	1	5	3.78	0	0.06	1%	1	1828
I/O BOUND	SCHED_FIFO	1	5	2.16	0	0.04	2%	1	1843
I/O BOUND	SCHED_FIFO	1	5	10.35	0	0.08	0%	1	1188
I/O BOUND	SCHED_FIFO	1	5	2.04	0	0.08	3%	1	1188
I/O BOUND	SCHED_FIFO	1	5	8.58	0	0.07	0%	1	1211
I/O BOUND	SCHED_FIFO	1	5	3.13	0	0.05	1%	1	1333
I/O BOUND	SCHED_FIFO	1	5	10.67	0	0.08	0%	1	1582
I/O BOUND	SCHED_FIFO	1	5	1.74	0.01	0.03	2%	1	1880
I/O BOUND	SCHED_FIFO	1	5	1.98	0	0.04	2%	1	1592
I/O BOUND	SCHED_FIFO	1	5	1.98	0	0.03	2%	1	1988
I/O BOUND	SCHED_FIFO	1	5	4.03	0	0.04	1%	1	1975
I/O BOUND	SCHED_FIFO	1	5	3.98	0	0.04	1%	1	1208
I/O BOUND	SCHED_FIFO	1	5	2.28	0	0.04	2%	1	1492
I/O BOUND	SCHED_FIFO	1	5	3.33	0.01	0.04	1%	1	1614
I/O BOUND	SCHED_FIFO	1	5	2	0	0.08	3%	1	1263
I/O BOUND	SCHED_FIFO	1	5	4.75	0	0.18	3%	1	1252
I/O BOUND	SCHED_FIFO	1	5	3.63	0.01	0.04	1%	1	1723
I/O BOUND	SCHED_FIFO	1	5	1.96	0	0.04	2%	1	1201
I/O BOUND	SCHED_FIFO	1	5	6.63	0.01	0.04	0%	1	1940
I/O BOUND	SCHED_FIFO	1	5	16.7	0	0.06	0%	1	1492
I/O BOUND	SCHED_FIFO	1	5	1.85	0	0.04	2%	1	1428
I/O BOUND	SCHED_FIFO	1	5	7.06	0	0.05	0%	0	1826
I/O BOUND	SCHED_FIFO	1	5	1.95	0	0.04	2%	1	1456
I/O BOUND	SCHED_FIFO	1	5	1.39	0	0.04	3%	1	1723
I/O BOUND	SCHED_FIFO	1	5	1.53	0	0.04	3%	1	1862
I/O BOUND	SCHED_FIFO	1	5	2.24	0	0.08	3%	1	1205
I/O BOUND	SCHED_FIFO	1	5	2.37	0	0.04	2%	1	1941
I/O BOUND	SCHED_FIFO	1	5	2.25	0	0.08	3%	1	1300
I/O BOUND	SCHED_FIFO	1	5	1.25	0	0.05	4%	1	1163
I/O BOUND	SCHED_FIFO	1	5	1.57	0	0.04	3%	1	1456
I/O BOUND	SCHED_FIFO	1	5	2.31	0	0.1	4%	1	1294
I/O BOUND	SCHED_FIFO	1	5	2.56	0	0.04	1%	1	1633
I/O BOUND	SCHED_FIFO	1	5	21.06	0	0.06	0%	1	1701
I/O BOUND	SCHED_FIFO	1	5	2.57	0	0.04	1%	1	1967
I/O BOUND	SCHED_FIFO	1	5	1.64	0	0.04	2%	1	1280
I/O BOUND	SCHED_FIFO	1	5	2.02	0	0.05	2%	1	1365
I/O BOUND	SCHED_FIFO	1	5	1.31	0	0.04	3%	1	1327
I/O BOUND	SCHED_FIFO	1	5	1.69	0	0.04	2%	1	1607
I/O BOUND	SCHED_FIFO	1	5	4.73	0	0.08	1%	1	1150
I/O BOUND	SCHED_FIFO	1	5	1.83	0	0.04	2%	1	1922
I/O BOUND	SCHED_FIFO	1	5	1.43	0	0.05	3%	1	1224
I/O BOUND	SCHED_FIFO	1	5	2	0	0.08	4%	1	1199
I/O BOUND	SCHED_FIFO	1	5	4.84	0	0.08	1%	1	1294
I/O BOUND	SCHED_FIFO	1	5	5.76	0	0.04	0%	1	1348
I/O BOUND	SCHED_FIFO	1	5	7.57	0.02	0.04	0%	1	1377
I/O BOUND	SCHED_FIFO	1	5	2.62	0	0.03	1%	1	1296
I/O BOUND	SCHED_FIFO	1	5	6.59	0.01	0.02	0%	1	1892
I/O BOUND	SCHED_FIFO	1	5	1.68	0	0.04	2%	1	1463
I/O BOUND	SCHED_FIFO	1	5	3.9	0	0.06	1%	1	1350
I/O BOUND	SCHED_FIFO	1	5	1.7	0	0.04	2%	1	1312
I/O BOUND	SCHED_FIFO	1	5	2.3	0	0.04	1%	1	1662
I/O BOUND	SCHED_FIFO	1	5	1.73	0	0.05	3%	1	1448
I/O BOUND	SCHED_FIFO	1	5	7	0	0.04	0%	1	1800

I/O BOUND	SCHED_FIFO	1	5	1.9	0	0.04	2%	1	1706
I/O BOUND	SCHED_FIFO	1	5	2.72	0	0.08	2%	1	1209
I/O BOUND	SCHED_FIFO	1	5	1.37	0	0.04	3%	1	1217
I/O BOUND	SCHED_FIFO	1	5	1.51	0.01	0.04	3%	1	1311
I/O BOUND	SCHED_FIFO	1	5	3.34	0	0.04	1%	1	1855
I/O BOUND	SCHED_FIFO	1	5	2.83	0	0.06	2%	1	1415
I/O BOUND	SCHED_FIFO	1	5	7.6	0.01	0.04	0%	1	1940
I/O BOUND	SCHED_FIFO	1	5	8.11	0	0.08	1%	1	1167
I/O BOUND	SCHED_FIFO	1	5	7.62	0	0.03	0%	1	1447
I/O BOUND	SCHED_FIFO	1	5	2	0	0.04	2%	1	1739
I/O BOUND	SCHED_FIFO	1	5	1.61	0	0.04	2%	1	1324
I/O BOUND	SCHED_FIFO	1	5	7.03	0	0.08	1%	1	1135
I/O BOUND	SCHED_FIFO	1	5	1.27	0	0.03	3%	1	1307
I/O BOUND	SCHED_FIFO	1	5	3.42	0.01	0.03	1%	1	1932
I/O BOUND	SCHED_FIFO	1	5	1.61	0	0.03	2%	1	1269
I/O BOUND	SCHED_FIFO	1	5	3.59	0	0.04	1%	1	1662
I/O BOUND	SCHED_FIFO	1	5	2.2	0.01	0.03	1%	1	1935
I/O BOUND	SCHED_FIFO	1	5	6.56	0	0.04	0%	1	1285
I/O BOUND	SCHED_FIFO	1	5	3.33	0	0.04	1%	1	1270
I/O BOUND	SCHED_FIFO	1	5	4.9	0	0.04	0%	1	1465
I/O BOUND	SCHED_FIFO	1	5	1.46	0	0.04	3%	1	1465
I/O BOUND	SCHED_FIFO	1	5	12.24	0	0.04	0%	1	1476
I/O BOUND	SCHED_FIFO	1	5	5.51	0	0.08	1%	1	1150
I/O BOUND	SCHED_FIFO	1	5	4.92	0.01	0.03	0%	1	1962
I/O BOUND	SCHED_FIFO	1	5	2.8	0	0.04	1%	1	1864
I/O BOUND	SCHED_FIFO	1	5	2.13	0	0.08	3%	1	1298
I/O BOUND	SCHED_FIFO	1	5	2.17	0	0.08	3%	1	1233
I/O BOUND	SCHED_FIFO	1	5	3.45	0	0.08	2%	1	1258
I/O BOUND	SCHED_FIFO	1	5	2.25	0	0.05	2%	1	1571
I/O BOUND	SCHED_FIFO	1	5	1.52	0	0.04	3%	1	1188
I/O BOUND	SCHED_FIFO	1	5	1.59	0	0.04	2%	1	1242
I/O BOUND	SCHED_FIFO	1	5	2.05	0	0.05	2%	1	1459
I/O BOUND	SCHED_FIFO	1	5	1.78	0	0.04	2%	1	1935
I/O BOUND	SCHED_FIFO	1	5	1.84	0.02	0.02	2%	1	1863
I/O BOUND	SCHED_FIFO	1	5	7.06	0	0.08	1%	1	1173
I/O BOUND	SCHED_FIFO	1	5	21.02	0	0.04	0%	1	1507
I/O BOUND	SCHED_FIFO	1	5	5.33	0	0.04	0%	1	1763
I/O BOUND	SCHED_FIFO	1	5	5.52	0	0.04	0%	1	1932
I/O BOUND	SCHED_FIFO	1	5	1.89	0	0.03	2%	1	1651
I/O BOUND	SCHED_FIFO	1	5	1.73	0	0.03	2%	1	1953
I/O BOUND	SCHED_FIFO	1	5	1.21	0	0.04	3%	1	1281
I/O BOUND	SCHED_FIFO	1	5	5.26	0	0.08	1%	1	1228
I/O BOUND	SCHED_FIFO	1	5	4.71	0.01	0.05	1%	1	1762
I/O BOUND	SCHED_FIFO	1	5	1.76	0	0.05	2%	1	1575
I/O BOUND	SCHED_FIFO	1	5	3.61	0	0.08	2%	1	1333
I/O BOUND	SCHED_FIFO	1	5	5.46	0	0.08	1%	1	1152
I/O BOUND	SCHED_FIFO	1	5	1.38	0	0.03	2%	1	1280
I/O BOUND	SCHED_FIFO	1	5	1.45	0	0.04	3%	1	1160
I/O BOUND	SCHED_FIFO	1	5	10.98	0	0.04	0%	1	1938
I/O BOUND	SCHED_FIFO	1	5	5.88	0	0.12	2%	1	1491
I/O BOUND	SCHED_FIFO	1	5	1.31	0	0.04	3%	1	1286
I/O BOUND	SCHED_FIFO	1	5	5.73	0	0.2	3%	1	1272
I/O BOUND	SCHED_FIFO	1	5	1.17	0	0.04	3%	1	1221
I/O BOUND	SCHED_FIFO	1	5	3.77	0.01	0.14	4%	1	1410
I/O BOUND	SCHED_FIFO	1	5	1.76	0.01	0.05	3%	1	1912
I/O BOUND	SCHED_FIFO	1	5	1.75	0	0.04	2%	1	1937
I/O BOUND	SCHED_FIFO	1	5	4	0.01	0.07	2%	1	1838
I/O BOUND	SCHED_FIFO	1	5	4.23	0	0.08	1%	1	1197
I/O BOUND	SCHED_FIFO	1	5	1.91	0	0.05	2%	1	1798
I/O BOUND	SCHED_FIFO	1	5	1.57	0	0.04	3%	1	1447
I/O BOUND	SCHED_FIFO	1	5	1.84	0	0.04	2%	1	1201
I/O BOUND	SCHED_FIFO	1	5	5.02	0	0.04	0%	1	1354
I/O BOUND	SCHED_FIFO	1	5	15.56	0	0.04	0%	1	1459
I/O BOUND	SCHED_FIFO	1	5	1.98	0	0.05	2%	1	1782
I/O BOUND	SCHED_FIFO	1	5	2.43	0.01	0.03	1%	1	1955
I/O BOUND	SCHED_FIFO	1	5	1.64	0	0.04	2%	1	1234
I/O BOUND	SCHED_FIFO	1	5	1.57	0.01	0.02	2%	1	1738
I/O BOUND	SCHED_FIFO	1	5	1.17	0	0.03	3%	1	1212

I/O BOUND	SCHED_FIFO	1	5	5.72	0	0.12	2%	1	1272
I/O BOUND	SCHED_FIFO	1	5	1.77	0	0.05	3%	1	1857
I/O BOUND	SCHED_FIFO	1	5	1.38	0.01	0.03	3%	1	1196
I/O BOUND	SCHED_FIFO	1	5	1.49	0	0.08	6%	1	1751
I/O BOUND	SCHED_FIFO	1	5	2.69	0	0.05	1%	1	1863
I/O BOUND	SCHED_FIFO	1	5	1.34	0	0.06	4%	1	1248
I/O BOUND	SCHED_FIFO	1	5	4.44	0	0.04	1%	1	1625
I/O BOUND	SCHED_FIFO	1	5	1.73	0.01	0.02	2%	1	1805
I/O BOUND	SCHED_FIFO	1	5	6.22	0	0.08	1%	1	1188
I/O BOUND	SCHED_FIFO	1	5	7.65	0	0.08	1%	1	1266
I/O BOUND	SCHED_FIFO	1	5	2.06	0	0.04	2%	1	1590
I/O BOUND	SCHED_FIFO	1	5	7.84	0.01	0.03	0%	1	1657
I/O BOUND	SCHED_FIFO	1	5	2.14	0	0.04	2%	1	1652
I/O BOUND	SCHED_FIFO	1	5	9.77	0	0.06	0%	1	1466
I/O BOUND	SCHED_FIFO	1	5	2.25	0	0.11	5%	2	1273
I/O BOUND	SCHED_FIFO	1	5	3.35	0	0.04	1%	1	1940
I/O BOUND	SCHED_FIFO	1	5	1.76	0	0.04	2%	1	1932
I/O BOUND	SCHED_FIFO	1	5	6.86	0.01	0.04	0%	1	1343
I/O BOUND	SCHED_FIFO	1	5	1.95	0.02	0.02	2%	1	1829
I/O BOUND	SCHED_FIFO	1	5	3.92	0	0.09	2%	2	1256
I/O BOUND	SCHED_FIFO	1	5	1.97	0	0.04	2%	1	1673
I/O BOUND	SCHED_FIFO	1	5	7.92	0	0.07	0%	1	1131
I/O BOUND	SCHED_FIFO	1	5	2.7	0	0.04	1%	1	1601
I/O BOUND	SCHED_FIFO	1	5	7.96	0	0.08	1%	1	1118
I/O BOUND	SCHED_FIFO	1	5	2	0	0.04	2%	0	1828
I/O BOUND	SCHED_FIFO	1	5	1.5	0	0.04	2%	1	1104
I/O BOUND	SCHED_FIFO	1	5	1.84	0.01	0.05	3%	1	1600
I/O BOUND	SCHED_FIFO	1	5	8.93	0.01	0.04	0%	1	1552
I/O BOUND	SCHED_FIFO	1	5	1.3	0	0.04	3%	1	1303
I/O BOUND	SCHED_FIFO	1	5	4.06	0	0.06	1%	2	1875
I/O BOUND	SCHED_FIFO	1	5	1.85	0	0.03	2%	1	1925
I/O BOUND	SCHED_FIFO	1	5	4.68	0	0.07	1%	1	1267
I/O BOUND	SCHED_FIFO	1	5	1.93	0	0.04	2%	1	1947
I/O BOUND	SCHED_FIFO	1	5	1.79	0	0.04	2%	1	1204
I/O BOUND	SCHED_FIFO	1	5	7.91	0	0.05	0%	1	1644
I/O BOUND	SCHED_FIFO	1	5	4.15	0	0.04	1%	1	1322
I/O BOUND	SCHED_FIFO	1	5	3.96	0	0.05	1%	1	1789
I/O BOUND	SCHED_FIFO	1	5	2.29	0	0.06	3%	1	1446
I/O BOUND	SCHED_FIFO	1	5	1.51	0	0.04	3%	1	1706
I/O BOUND	SCHED_FIFO	1	5	4.54	0.01	0.1	2%	1	1817
I/O BOUND	SCHED_FIFO	1	5	1.54	0	0.05	3%	1	1102
I/O BOUND	SCHED_FIFO	1	5	3.57	0	0.05	1%	1	1348
I/O BOUND	SCHED_FIFO	1	5	1.63	0	0.04	2%	1	1593
I/O BOUND	SCHED_FIFO	1	5	1.82	0	0.05	2%	1	1879
I/O BOUND	SCHED_FIFO	1	5	6.52	0	0.03	0%	1	1809
I/O BOUND	SCHED_OTHER	1	5	14.5	0	0.26	1%	60	1704
I/O BOUND	SCHED_OTHER	1	5	9.96	0	0.45	4%	64	1734
I/O BOUND	SCHED_OTHER	1	5	16.25	0	0.26	1%	47	1748
I/O BOUND	SCHED_OTHER	1	5	11.73	0.01	0.07	0%	39	1880
I/O BOUND	SCHED_OTHER	1	5	12.62	0	0.09	0%	36	1854
I/O BOUND	SCHED_OTHER	1	5	12.85	0	0.52	4%	74	1644
I/O BOUND	SCHED_OTHER	1	5	17.57	0.02	0.44	2%	46	1859
I/O BOUND	SCHED_OTHER	1	5	11.71	0	0.13	1%	29	1873
I/O BOUND	SCHED_OTHER	1	5	12.43	0	0.1	0%	25	1796
I/O BOUND	SCHED_OTHER	1	5	13.01	0	0.19	1%	46	1795
I/O BOUND	SCHED_OTHER	1	5	12.58	0.01	0.3	2%	27	1886
I/O BOUND	SCHED_OTHER	1	5	12.74	0	0.08	0%	36	1856
I/O BOUND	SCHED_OTHER	1	5	14.2	0	0.52	3%	61	1802
I/O BOUND	SCHED_OTHER	1	5	15.51	0	0.17	1%	45	1699
I/O BOUND	SCHED_OTHER	1	5	13.99	0	0.18	1%	29	1737
I/O BOUND	SCHED_OTHER	1	5	13.63	0	0.35	2%	58	1811
I/O BOUND	SCHED_OTHER	1	5	12.69	0	0.23	1%	48	1834
I/O BOUND	SCHED_OTHER	1	5	15.54	0.01	0.08	0%	23	1811
I/O BOUND	SCHED_OTHER	1	5	10.66	0.02	0.1	1%	51	1752
I/O BOUND	SCHED_OTHER	1	5	5.31	0.02	0.16	3%	39	1887
I/O BOUND	SCHED_OTHER	1	5	1.51	0	0.13	9%	52	1858
I/O BOUND	SCHED_OTHER	1	5	6.6	0	0.34	5%	57	1865
I/O BOUND	SCHED_OTHER	1	5	2.31	0	0.18	8%	48	1715

I/O BOUND	SCHED_OTHER	1	5	5.87	0	0.14	2%	68	1784
I/O BOUND	SCHED_OTHER	1	5	1.09	0	0.06	5%	20	1916
I/O BOUND	SCHED_OTHER	1	5	1.07	0	0.08	7%	41	1946
I/O BOUND	SCHED_OTHER	1	5	10.14	0	0.11	1%	84	1878
I/O BOUND	SCHED_OTHER	1	5	7.47	0	0.08	1%	29	1930
I/O BOUND	SCHED_OTHER	1	5	26.58	0	0.1	0%	32	1653
I/O BOUND	SCHED_OTHER	1	5	1.18	0.01	0.05	5%	21	1913
I/O BOUND	SCHED_OTHER	1	5	0.77	0.01	0.04	7%	29	1939
I/O BOUND	SCHED_OTHER	1	5	0.83	0	0.07	9%	33	1815
I/O BOUND	SCHED_OTHER	1	5	1.2	0	0.07	6%	38	1935
I/O BOUND	SCHED_OTHER	1	5	1.87	0	0.07	4%	52	1760
I/O BOUND	SCHED_OTHER	1	5	1.05	0	0.12	11%	34	1747
I/O BOUND	SCHED_OTHER	1	5	1.31	0	0.06	4%	21	1944
I/O BOUND	SCHED_OTHER	1	5	3.14	0	0.24	7%	47	1774
I/O BOUND	SCHED_OTHER	1	5	11.7	0.02	0.34	3%	63	1807
I/O BOUND	SCHED_OTHER	1	5	1.94	0	0.15	8%	42	1869
I/O BOUND	SCHED_OTHER	1	5	18.11	0	0.32	1%	53	1660
I/O BOUND	SCHED_OTHER	1	5	1.22	0	0.08	6%	45	1829
I/O BOUND	SCHED_OTHER	1	5	8.12	0	0.46	5%	62	1878
I/O BOUND	SCHED_OTHER	1	5	1.26	0.01	0.04	5%	22	1716
I/O BOUND	SCHED_OTHER	1	5	0.92	0	0.06	7%	21	1876
I/O BOUND	SCHED_OTHER	1	5	1.39	0.01	0.05	4%	19	1870
I/O BOUND	SCHED_OTHER	1	5	2.84	0	0.06	2%	30	1918
I/O BOUND	SCHED_OTHER	1	5	3.51	0	0.34	9%	60	1870
I/O BOUND	SCHED_OTHER	1	5	6.07	0	0.16	2%	53	1790
I/O BOUND	SCHED_OTHER	1	5	4.23	0	0.11	2%	52	1898
I/O BOUND	SCHED_OTHER	1	5	1.66	0	0.09	5%	50	1878
I/O BOUND	SCHED_OTHER	1	5	4.08	0	0.08	2%	27	1726
I/O BOUND	SCHED_OTHER	1	5	1.17	0.01	0.06	6%	31	1924
I/O BOUND	SCHED_OTHER	1	5	1.98	0	0.06	3%	15	1896
I/O BOUND	SCHED_OTHER	1	5	1.25	0	0.07	5%	24	1720
I/O BOUND	SCHED_OTHER	1	5	10.03	0	0.15	1%	37	1746
I/O BOUND	SCHED_OTHER	1	5	5.36	0.03	0.06	1%	31	1753
I/O BOUND	SCHED_OTHER	1	5	1.07	0	0.07	7%	28	1752
I/O BOUND	SCHED_OTHER	1	5	1.15	0	0.07	6%	26	1928
I/O BOUND	SCHED_OTHER	1	5	3.3	0	0.16	5%	45	1877
I/O BOUND	SCHED_OTHER	1	5	1.53	0.02	0.1	8%	40	1870
I/O BOUND	SCHED_OTHER	1	5	3.99	0.01	0.06	1%	15	1938
I/O BOUND	SCHED_OTHER	1	5	18.92	0	0.45	2%	75	1685
I/O BOUND	SCHED_OTHER	1	5	1.44	0	0.06	4%	24	1803
I/O BOUND	SCHED_OTHER	1	5	2.14	0	0.08	3%	37	1708
I/O BOUND	SCHED_OTHER	1	5	1.47	0.01	0.06	5%	39	1946
I/O BOUND	SCHED_OTHER	1	5	0.86	0	0.06	7%	18	1881
I/O BOUND	SCHED_OTHER	1	5	1.54	0.02	0.3	21%	40	1906
I/O BOUND	SCHED_OTHER	1	5	1.53	0	0.11	7%	26	1831
I/O BOUND	SCHED_OTHER	1	5	1.05	0	0.07	6%	39	1710
I/O BOUND	SCHED_OTHER	1	5	1.51	0	0.08	5%	27	1724
I/O BOUND	SCHED_OTHER	1	5	1.7	0	0.13	7%	44	1933
I/O BOUND	SCHED_OTHER	1	5	2.23	0.02	0.03	2%	23	1918
I/O BOUND	SCHED_OTHER	1	5	3.13	0	0.07	2%	30	1777
I/O BOUND	SCHED_OTHER	1	5	1.62	0	0.1	6%	43	1919
I/O BOUND	SCHED_OTHER	1	5	1.44	0	0.06	4%	33	1767
I/O BOUND	SCHED_OTHER	1	5	1.05	0	0.08	7%	30	1928
I/O BOUND	SCHED_OTHER	1	5	0.93	0.01	0.05	7%	24	1934
I/O BOUND	SCHED_OTHER	1	5	1.99	0	0.06	3%	19	1949
I/O BOUND	SCHED_OTHER	1	5	0.82	0	0.06	7%	18	1940
I/O BOUND	SCHED_OTHER	1	5	0.84	0.01	0.06	8%	21	1863
I/O BOUND	SCHED_OTHER	1	5	1.1	0.01	0.04	5%	22	1949
I/O BOUND	SCHED_OTHER	1	5	1.37	0	0.2	14%	19	1832
I/O BOUND	SCHED_OTHER	1	5	0.83	0	0.06	7%	24	1842
I/O BOUND	SCHED_OTHER	1	5	1.21	0.01	0.05	5%	35	1950
I/O BOUND	SCHED_OTHER	1	5	9.86	0.03	0.05	0%	30	1837
I/O BOUND	SCHED_OTHER	1	5	16.11	0	0.32	2%	58	1705
I/O BOUND	SCHED_OTHER	1	5	4.36	0	0.1	2%	39	1878
I/O BOUND	SCHED_OTHER	1	5	1.91	0.01	0.06	4%	26	1909
I/O BOUND	SCHED_OTHER	1	5	3.93	0	0.16	4%	52	1843
I/O BOUND	SCHED_OTHER	1	5	1.54	0	0.06	4%	20	1928
I/O BOUND	SCHED_OTHER	1	5	3.25	0	0.07	2%	29	1903

I/O BOUND	SCHED_OTHER	1	5	1.68	0.01	0.06	4%	37	1839
I/O BOUND	SCHED_OTHER	1	5	1.78	0	0.06	3%	21	1870
I/O BOUND	SCHED_OTHER	1	5	1.33	0.01	0.06	5%	19	1930
I/O BOUND	SCHED_OTHER	1	5	6.03	0	0.25	4%	59	1848
I/O BOUND	SCHED_OTHER	1	5	11.07	0	0.17	1%	33	1650
I/O BOUND	SCHED_OTHER	1	5	9.14	0	0.49	5%	60	1853
I/O BOUND	SCHED_OTHER	1	5	6.95	0	0.22	3%	56	1837
I/O BOUND	SCHED_OTHER	1	5	3.58	0.02	0.11	3%	40	1777
I/O BOUND	SCHED_OTHER	1	5	1.02	0	0.09	9%	33	1932
I/O BOUND	SCHED_OTHER	1	5	1.45	0	0.08	5%	26	1945
I/O BOUND	SCHED_OTHER	1	5	1.17	0	0.06	5%	27	1807
I/O BOUND	SCHED_OTHER	1	5	1.04	0.02	0.03	5%	22	1950
I/O BOUND	SCHED_OTHER	1	5	0.91	0	0.06	6%	15	1960
I/O BOUND	SCHED_OTHER	1	5	26.85	0	0.12	0%	38	1526
I/O BOUND	SCHED_OTHER	1	5	1.15	0.01	0.06	6%	22	1942
I/O BOUND	SCHED_OTHER	1	5	1.01	0	0.06	6%	26	1910
I/O BOUND	SCHED_OTHER	1	5	5.97	0	0.11	1%	35	1648
I/O BOUND	SCHED_OTHER	1	5	0.89	0	0.06	6%	17	1944
I/O BOUND	SCHED_OTHER	1	5	3.31	0	0.09	2%	29	1908
I/O BOUND	SCHED_OTHER	1	5	1.27	0	0.08	6%	29	1898
I/O BOUND	SCHED_OTHER	1	5	1.28	0	0.08	6%	23	1796
I/O BOUND	SCHED_OTHER	1	5	1.29	0	0.06	5%	30	1944
I/O BOUND	SCHED_OTHER	1	5	1.16	0	0.07	6%	32	1914
I/O BOUND	SCHED_OTHER	1	5	4.36	0	0.2	4%	37	1745
I/O BOUND	SCHED_OTHER	1	5	1.53	0.01	0.06	4%	23	1871
I/O BOUND	SCHED_OTHER	1	5	8.89	0.01	0.07	1%	28	1823
I/O BOUND	SCHED_OTHER	1	5	1.7	0	0.1	5%	37	1597
I/O BOUND	SCHED_OTHER	1	5	12.3	0	0.2	1%	32	1764
I/O BOUND	SCHED_OTHER	1	5	1.66	0	0.08	5%	24	1904
I/O BOUND	SCHED_OTHER	1	5	0.95	0	0.07	7%	43	1836
I/O BOUND	SCHED_OTHER	1	5	1.67	0	0.07	4%	23	1935
I/O BOUND	SCHED_OTHER	1	5	1.38	0.01	0.05	4%	37	1904
I/O BOUND	SCHED_OTHER	1	5	16.09	0	0.62	3%	44	1822
I/O BOUND	SCHED_OTHER	1	5	5.25	0	0.1	2%	49	1886
I/O BOUND	SCHED_OTHER	1	5	3.83	0.01	0.06	2%	46	1897
I/O BOUND	SCHED_OTHER	1	5	13.31	0	0.09	0%	32	1879
I/O BOUND	SCHED_OTHER	1	5	7.17	0	0.37	5%	62	1768
I/O BOUND	SCHED_OTHER	1	5	7.08	0.02	0.56	8%	85	1839
I/O BOUND	SCHED_OTHER	1	5	10.61	0	0.18	1%	50	1818
I/O BOUND	SCHED_OTHER	1	5	5.18	0	0.47	9%	59	1701
I/O BOUND	SCHED_OTHER	1	5	7.32	0	0.14	1%	55	1874
I/O BOUND	SCHED_OTHER	1	5	5.31	0	0.08	1%	58	1812
I/O BOUND	SCHED_OTHER	1	5	2.69	0	0.14	5%	37	1764
I/O BOUND	SCHED_OTHER	1	5	1.33	0	0.06	5%	29	1894
I/O BOUND	SCHED_OTHER	1	5	2.7	0	0.12	4%	35	1704
I/O BOUND	SCHED_OTHER	1	5	1.13	0	0.08	7%	28	1846
I/O BOUND	SCHED_OTHER	1	5	1.57	0	0.08	5%	26	1859
I/O BOUND	SCHED_OTHER	1	5	0.92	0.01	0.05	6%	21	1937
I/O BOUND	SCHED_OTHER	1	5	4.75	0	0.12	2%	36	1905
I/O BOUND	SCHED_OTHER	1	5	1.55	0	0.06	3%	40	1890
I/O BOUND	SCHED_OTHER	1	5	6.12	0	0.16	2%	27	1881
I/O BOUND	SCHED_OTHER	1	5	1.31	0.01	0.05	5%	30	1898
I/O BOUND	SCHED_OTHER	1	5	1.09	0	0.06	5%	28	1825
I/O BOUND	SCHED_OTHER	1	5	2.43	0	0.42	17%	38	1916
I/O BOUND	SCHED_OTHER	1	5	0.87	0	0.06	7%	27	1951
I/O BOUND	SCHED_OTHER	1	5	1.1	0	0.09	8%	27	1667
I/O BOUND	SCHED_OTHER	1	5	11.69	0	0.13	1%	47	1808
I/O BOUND	SCHED_OTHER	1	5	1.55	0	0.07	4%	47	1930
I/O BOUND	SCHED_OTHER	1	5	8.58	0.01	0.07	1%	38	1763
I/O BOUND	SCHED_OTHER	1	5	1.47	0	0.14	9%	32	1912
I/O BOUND	SCHED_OTHER	1	5	20.17	0	0.26	1%	79	1851
I/O BOUND	SCHED_OTHER	1	5	5.54	0	0.21	3%	62	1763
I/O BOUND	SCHED_OTHER	1	5	14.29	0	0.16	1%	20	1826
I/O BOUND	SCHED_OTHER	1	5	1.44	0	0.06	4%	32	1893
I/O BOUND	SCHED_OTHER	1	5	8.4	0.02	0.07	1%	35	1928
I/O BOUND	SCHED_OTHER	1	5	3	0	0.07	2%	21	1873
I/O BOUND	SCHED_OTHER	1	5	0.86	0	0.06	7%	48	1903
I/O BOUND	SCHED_OTHER	1	5	0.85	0.01	0.04	7%	21	1966

I/O BOUND	SCHED_OTHER	1	5	1.13	0.01	0.05	6%	33	1806
I/O BOUND	SCHED_OTHER	1	5	2.23	0	0.06	3%	42	1918
I/O BOUND	SCHED_OTHER	1	5	1.35	0	0.06	5%	34	1888
I/O BOUND	SCHED_OTHER	1	5	3.35	0	0.08	2%	36	1474
I/O BOUND	SCHED_OTHER	1	5	0.86	0	0.07	8%	20	1879
I/O BOUND	SCHED_OTHER	1	5	1.03	0.01	0.04	6%	19	1917
I/O BOUND	SCHED_OTHER	1	5	0.92	0	0.07	8%	36	1728
I/O BOUND	SCHED_OTHER	1	5	1.06	0	0.06	6%	22	1941
I/O BOUND	SCHED_OTHER	1	5	1.05	0.01	0.06	6%	39	1916
I/O BOUND	SCHED_OTHER	1	5	3.27	0.01	0.06	2%	19	1875
I/O BOUND	SCHED_OTHER	1	5	2.24	0.01	0.08	4%	34	1923
I/O BOUND	SCHED_OTHER	1	5	1.05	0	0.07	6%	40	1954
I/O BOUND	SCHED_OTHER	1	5	1.33	0	0.07	5%	26	1834
I/O BOUND	SCHED_OTHER	1	5	0.95	0.01	0.06	7%	20	1906
I/O BOUND	SCHED_OTHER	1	5	1.68	0	0.07	4%	18	1916
I/O BOUND	SCHED_OTHER	1	5	4.5	0.01	0.06	1%	25	1916
I/O BOUND	SCHED_OTHER	1	5	1.24	0	0.09	7%	27	1582
I/O BOUND	SCHED_OTHER	1	5	20.69	0	0.41	2%	59	1616
I/O BOUND	SCHED_OTHER	1	5	2.24	0	0.07	3%	45	1688
I/O BOUND	SCHED_OTHER	1	5	1.38	0	0.08	6%	37	1727
I/O BOUND	SCHED_OTHER	1	5	16.18	0	0.29	1%	40	1800
I/O BOUND	SCHED_OTHER	1	5	0.78	0	0.06	8%	23	1957
I/O BOUND	SCHED_OTHER	1	5	1.66	0.03	0.05	5%	29	1731
I/O BOUND	SCHED_OTHER	1	5	2.08	0.01	0.2	10%	23	1765
I/O BOUND	SCHED_OTHER	1	5	3.04	0	0.1	3%	32	1877
I/O BOUND	SCHED_OTHER	1	5	0.78	0	0.07	9%	28	1756
I/O BOUND	SCHED_OTHER	1	5	1.72	0	0.15	8%	35	1909
I/O BOUND	SCHED_OTHER	1	5	1.89	0	0.16	8%	63	1850
I/O BOUND	SCHED_OTHER	1	5	1.84	0	0.07	3%	32	1953
I/O BOUND	SCHED_OTHER	1	5	5.98	0	0.33	5%	51	1759
I/O BOUND	SCHED_OTHER	1	5	1.76	0.01	0.09	6%	65	1906
I/O BOUND	SCHED_OTHER	1	5	11.72	0	0.29	2%	46	1888
I/O BOUND	SCHED_OTHER	1	5	1.03	0.01	0.06	7%	24	1806
I/O BOUND	SCHED_OTHER	1	5	0.87	0.02	0.02	5%	29	1937
I/O BOUND	SCHED_OTHER	1	5	0.94	0.02	0.03	6%	23	1955
I/O BOUND	SCHED_OTHER	1	5	0.78	0	0.05	7%	16	1961
I/O BOUND	SCHED_OTHER	1	5	0.9	0	0.28	31%	35	1926
I/O BOUND	SCHED_OTHER	1	5	1.32	0	0.24	18%	53	1785
I/O BOUND	SCHED_OTHER	1	5	0.87	0	0.08	9%	20	1568
I/O BOUND	SCHED_OTHER	1	5	0.89	0	0.06	7%	20	1930
I/O BOUND	SCHED_OTHER	1	5	0.82	0	0.07	8%	20	1903
I/O BOUND	SCHED_OTHER	1	5	1.11	0	0.17	15%	36	1841
I/O BOUND	SCHED_OTHER	1	5	5.21	0.01	0.06	1%	50	1874
I/O BOUND	SCHED_OTHER	1	5	0.95	0	0.06	7%	21	1932
I/O BOUND	SCHED_OTHER	1	5	1.01	0	0.06	6%	26	1914
I/O BOUND	SCHED_OTHER	1	5	4.07	0	0.09	2%	33	1924
I/O BOUND	SCHED_OTHER	1	5	4.74	0	0.12	2%	53	1827
I/O BOUND	SCHED_OTHER	1	5	1.3	0	0.06	4%	45	1875
I/O BOUND	SCHED_OTHER	1	5	4.67	0	0.09	2%	25	1760
I/O BOUND	SCHED_OTHER	1	5	1.9	0	0.07	3%	38	1842
I/O BOUND	SCHED_OTHER	1	5	19.19	0	0.18	0%	56	1840
I/O BOUND	SCHED_OTHER	1	5	4.12	0	0.09	2%	29	1680
I/O BOUND	SCHED_OTHER	1	5	11.65	0	0.18	1%	24	1772
I/O BOUND	SCHED_OTHER	1	5	3.45	0	0.13	3%	53	1759
I/O BOUND	SCHED_OTHER	1	5	1.39	0	0.08	6%	30	1584
I/O BOUND	SCHED_OTHER	1	5	1.09	0	0.06	5%	26	1937
I/O BOUND	SCHED_OTHER	1	5	1.02	0	0.06	6%	22	1915
I/O BOUND	SCHED_OTHER	1	5	1.81	0	0.14	7%	43	1815
I/O BOUND	SCHED_OTHER	1	5	1.59	0	0.07	4%	20	1937
I/O BOUND	SCHED_OTHER	1	5	0.91	0	0.06	7%	30	1949
I/O BOUND	SCHED_OTHER	1	5	1.71	0	0.16	9%	33	1670
I/O BOUND	SCHED_OTHER	1	5	1.12	0	0.06	6%	35	1943
I/O BOUND	SCHED_OTHER	1	5	1.04	0	0.06	6%	15	1915
I/O BOUND	SCHED_OTHER	1	5	2.82	0	0.28	9%	37	1906
I/O BOUND	SCHED_OTHER	1	5	6.38	0	0.12	1%	38	1841
I/O BOUND	SCHED_OTHER	1	5	1.17	0	0.11	9%	41	1924
I/O BOUND	SCHED_OTHER	1	5	1.01	0	0.06	6%	28	1833
I/O BOUND	SCHED_OTHER	1	5	5.58	0	0.31	5%	45	1752

I/O BOUND	SCHED_OTHER	1	5	1.23	0	0.06	5%	16	1870
I/O BOUND	SCHED_OTHER	1	5	1.04	0	0.07	6%	31	1939
I/O BOUND	SCHED_OTHER	1	5	1.18	0	0.12	10%	31	1702
I/O BOUND	SCHED_OTHER	1	5	12.06	0	0.32	2%	28	1885
I/O BOUND	SCHED_OTHER	1	5	1.13	0	0.08	7%	33	1735
I/O BOUND	SCHED_OTHER	1	5	9.25	0	0.15	1%	33	1737
I/O BOUND	SCHED_OTHER	1	5	1.28	0	0.07	5%	33	1858
I/O BOUND	SCHED_OTHER	1	5	0.95	0	0.08	8%	39	1719
I/O BOUND	SCHED_OTHER	1	5	0.89	0	0.06	7%	26	1777
I/O BOUND	SCHED_OTHER	1	5	2.03	0	0.07	3%	31	1918
I/O BOUND	SCHED_OTHER	1	5	7.96	0	0.46	5%	52	1863
I/O BOUND	SCHED_OTHER	1	5	0.95	0	0.14	14%	40	1835
I/O BOUND	SCHED_OTHER	1	5	1.26	0.01	0.06	6%	33	1625
I/O BOUND	SCHED_OTHER	1	5	1.41	0	0.27	19%	31	1899
I/O BOUND	SCHED_OTHER	1	5	7.69	0	0.48	6%	35	1762
I/O BOUND	SCHED_OTHER	1	5	2.5	0	0.08	3%	41	1875
I/O BOUND	SCHED_OTHER	1	5	2.12	0	0.07	3%	46	1836
I/O BOUND	SCHED_OTHER	1	5	4.25	0	0.16	3%	50	1874
I/O BOUND	SCHED_OTHER	1	5	12.07	0	0.23	1%	45	1703
I/O BOUND	SCHED_OTHER	1	5	6.47	0	0.4	6%	80	1749
I/O BOUND	SCHED_OTHER	1	5	1.28	0	0.07	5%	44	1925
I/O BOUND	SCHED_OTHER	1	5	1.1	0	0.08	7%	17	1856
I/O BOUND	SCHED_OTHER	1	5	3.3	0	0.08	2%	20	1916
I/O BOUND	SCHED_OTHER	1	5	0.9	0	0.08	9%	35	1887
I/O BOUND	SCHED_OTHER	1	5	0.85	0	0.06	7%	42	1897
I/O BOUND	SCHED_OTHER	1	5	1.55	0	0.06	4%	38	1946
I/O BOUND	SCHED_OTHER	1	5	3.42	0	0.14	4%	44	1907
I/O BOUND	SCHED_OTHER	1	5	4.75	0.01	0.22	4%	37	1913
I/O BOUND	SCHED_OTHER	1	5	1.58	0.01	0.06	5%	27	1828
I/O BOUND	SCHED_OTHER	1	5	1.62	0	0.12	7%	48	1921
I/O BOUND	SCHED_OTHER	1	5	5.61	0	0.58	10%	44	1897
I/O BOUND	SCHED_OTHER	1	5	2.56	0	0.12	4%	47	1710
I/O BOUND	SCHED_OTHER	1	5	2.09	0	0.07	3%	27	1866
I/O BOUND	SCHED_OTHER	1	5	4.31	0	0.08	1%	21	1649
I/O BOUND	SCHED_OTHER	1	5	0.98	0	0.16	16%	27	1883
I/O BOUND	SCHED_OTHER	1	5	1.06	0	0.06	6%	28	1848
I/O BOUND	SCHED_OTHER	1	5	1.26	0	0.06	5%	22	1896
I/O BOUND	SCHED_OTHER	1	5	1.01	0	0.08	8%	37	1823
I/O BOUND	SCHED_OTHER	1	5	0.95	0.01	0.06	7%	38	1925
I/O BOUND	SCHED_OTHER	1	5	2.73	0.01	0.06	3%	15	1847
I/O BOUND	SCHED_OTHER	1	5	14.37	0	0.27	1%	68	1859
I/O BOUND	SCHED_OTHER	1	5	2.88	0	0.1	3%	23	1863
I/O BOUND	SCHED_OTHER	1	5	16.59	0	0.35	2%	40	1856
I/O BOUND	SCHED_OTHER	1	5	33.48	0	0.13	0%	43	1862
I/O BOUND	SCHED_OTHER	1	5	19.73	0	0.56	2%	62	1582
I/O BOUND	SCHED_OTHER	1	5	7.64	0.03	0.12	2%	39	1891
I/O BOUND	SCHED_OTHER	1	5	3.18	0	0.11	3%	52	1794
I/O BOUND	SCHED_OTHER	1	5	10.39	0	0.23	2%	50	1594
I/O BOUND	SCHED_OTHER	1	5	3.14	0	0.08	2%	36	1923
I/O BOUND	SCHED_OTHER	1	5	2.07	0	0.07	3%	27	1817
I/O BOUND	SCHED_OTHER	1	5	1.73	0.02	0.2	13%	24	1710
I/O BOUND	SCHED_OTHER	1	5	2.23	0	0.08	3%	20	1887
I/O BOUND	SCHED_OTHER	1	5	1.15	0	0.15	13%	29	1934
I/O BOUND	SCHED_OTHER	1	5	2.13	0	0.08	3%	18	1543
I/O BOUND	SCHED_OTHER	1	5	1.07	0.06	0.01	7%	40	1907
I/O BOUND	SCHED_OTHER	1	5	11.89	0	0.26	2%	39	1652
I/O BOUND	SCHED_OTHER	1	5	2.22	0	0.07	3%	34	1830
I/O BOUND	SCHED_OTHER	1	5	1.21	0.01	0.05	5%	43	1908
I/O BOUND	SCHED_OTHER	1	5	1.33	0	0.06	4%	36	1939
I/O BOUND	SCHED_OTHER	1	5	5.43	0	0.21	3%	51	1854
I/O BOUND	SCHED_OTHER	1	5	0.8	0	0.13	16%	43	1519
I/O BOUND	SCHED_OTHER	1	5	0.87	0	0.06	7%	16	1857
I/O BOUND	SCHED_OTHER	1	5	1.23	0.01	0.05	5%	23	1927
I/O BOUND	SCHED_OTHER	1	5	3.61	0	0.26	7%	46	1632
I/O BOUND	SCHED_OTHER	1	5	0.99	0	0.06	7%	12	1927
I/O BOUND	SCHED_OTHER	1	5	0.88	0	0.06	7%	25	1906
I/O BOUND	SCHED_OTHER	1	5	14.62	0	0.11	0%	46	1605
I/O BOUND	SCHED_OTHER	1	5	1.44	0	0.06	4%	30	1798

I/O BOUND	SCHED_OTHER	1	5	0.93	0.02	0.04	7%	37	1923
I/O BOUND	SCHED_OTHER	1	5	2.25	0	0.1	4%	18	1796
I/O BOUND	SCHED_OTHER	1	5	0.83	0	0.07	9%	34	1748
I/O BOUND	SCHED_OTHER	1	5	1	0	0.06	6%	29	1803
I/O BOUND	SCHED_OTHER	1	5	4.76	0	0.08	1%	41	1748
I/O BOUND	SCHED_RR	1	5	2.5	0	0.05	2%	1	1216
I/O BOUND	SCHED_RR	1	5	8.56	0	0.1	1%	1	1400
I/O BOUND	SCHED_RR	1	5	2.93	0	0.08	3%	1	1284
I/O BOUND	SCHED_RR	1	5	1.7	0	0.04	2%	1	1603
I/O BOUND	SCHED_RR	1	5	20.35	0.01	0.02	0%	1	1852
I/O BOUND	SCHED_RR	1	5	8.18	0	0.08	1%	1	1171
I/O BOUND	SCHED_RR	1	5	2.28	0	0.04	1%	1	1227
I/O BOUND	SCHED_RR	1	5	9.96	0	0.09	0%	1	1201
I/O BOUND	SCHED_RR	1	5	2.4	0	0.08	3%	1	1277
I/O BOUND	SCHED_RR	1	5	1.51	0	0.04	2%	1	1729
I/O BOUND	SCHED_RR	1	5	3.86	0	0.07	1%	1	1772
I/O BOUND	SCHED_RR	1	5	1.72	0	0.04	3%	1	1812
I/O BOUND	SCHED_RR	1	5	4.78	0	0.04	1%	1	1317
I/O BOUND	SCHED_RR	1	5	2.97	0.01	0.04	1%	1	1602
I/O BOUND	SCHED_RR	1	5	6.6	0	0.08	1%	1	1215
I/O BOUND	SCHED_RR	1	5	1.98	0	0.04	2%	1	1218
I/O BOUND	SCHED_RR	1	5	8.87	0	0.04	0%	1	1355
I/O BOUND	SCHED_RR	1	5	2.34	0	0.07	3%	1	1373
I/O BOUND	SCHED_RR	1	5	1.77	0	0.03	2%	1	1958
I/O BOUND	SCHED_RR	1	5	6.18	0.02	0.02	0%	1	1841
I/O BOUND	SCHED_RR	1	5	1.93	0.01	0.04	2%	1	1288
I/O BOUND	SCHED_RR	1	5	23.81	0	0.1	0%	1	1148
I/O BOUND	SCHED_RR	1	5	3.09	0	0.05	1%	1	1616
I/O BOUND	SCHED_RR	1	5	3.3	0	0.04	1%	1	1816
I/O BOUND	SCHED_RR	1	5	3.87	0	0.04	1%	1	1351
I/O BOUND	SCHED_RR	1	5	1.67	0	0.04	3%	1	1672
I/O BOUND	SCHED_RR	1	5	2.42	0	0.08	3%	1	1215
I/O BOUND	SCHED_RR	1	5	1.27	0	0.05	4%	1	1392
I/O BOUND	SCHED_RR	1	5	8.84	0	0.1	1%	1	1167
I/O BOUND	SCHED_RR	1	5	1.96	0	0.06	3%	1	1561
I/O BOUND	SCHED_RR	1	5	1.31	0	0.04	3%	1	1241
I/O BOUND	SCHED_RR	1	5	1.39	0	0.05	3%	1	1264
I/O BOUND	SCHED_RR	1	5	1.96	0	0.05	2%	1	1885
I/O BOUND	SCHED_RR	1	5	1.82	0	0.08	4%	1	1327
I/O BOUND	SCHED_RR	1	5	5.04	0	0.04	0%	1	1494
I/O BOUND	SCHED_RR	1	5	1.52	0.01	0.03	3%	1	1398
I/O BOUND	SCHED_RR	1	5	9.01	0	0.04	0%	1	1499
I/O BOUND	SCHED_RR	1	5	2.64	0	0.1	3%	1	1499
I/O BOUND	SCHED_RR	1	5	5.77	0	0.04	0%	1	1902
I/O BOUND	SCHED_RR	1	5	2.18	0	0.06	2%	1	1789
I/O BOUND	SCHED_RR	1	5	9.54	0	0.04	0%	1	1923
I/O BOUND	SCHED_RR	1	5	1.57	0.01	0.03	3%	1	1337
I/O BOUND	SCHED_RR	1	5	8.1	0	0.1	1%	1	1152
I/O BOUND	SCHED_RR	1	5	3.74	0	0.04	1%	1	1307
I/O BOUND	SCHED_RR	1	5	5.05	0	0.05	1%	1	1581
I/O BOUND	SCHED_RR	1	5	4.18	0	0.03	1%	1	1546
I/O BOUND	SCHED_RR	1	5	1.24	0	0.07	6%	1	1247
I/O BOUND	SCHED_RR	1	5	1.64	0.01	0.03	2%	1	1958
I/O BOUND	SCHED_RR	1	5	4.69	0	0.04	1%	1	1231
I/O BOUND	SCHED_RR	1	5	4.01	0	0.04	1%	1	1689
I/O BOUND	SCHED_RR	1	5	1.63	0	0.04	2%	1	1688
I/O BOUND	SCHED_RR	1	5	2.27	0.02	0.02	1%	1	1169
I/O BOUND	SCHED_RR	1	5	5.35	0	0.05	1%	0	1923
I/O BOUND	SCHED_RR	1	5	3.47	0	0.04	1%	1	1871
I/O BOUND	SCHED_RR	1	5	8.07	0	0.04	0%	1	1389
I/O BOUND	SCHED_RR	1	5	4.47	0	0.11	2%	1	1146
I/O BOUND	SCHED_RR	1	5	9.81	0	0.06	0%	1	1901
I/O BOUND	SCHED_RR	1	5	1.71	0.02	0.02	2%	1	1640
I/O BOUND	SCHED_RR	1	5	3.36	0	0.04	1%	1	1699
I/O BOUND	SCHED_RR	1	5	4.67	0	0.04	1%	1	1651
I/O BOUND	SCHED_RR	1	5	1.38	0	0.04	3%	1	1289
I/O BOUND	SCHED_RR	1	5	3.55	0	0.06	1%	1	1561
I/O BOUND	SCHED_RR	1	5	1.56	0	0.05	3%	1	1459

I/O BOUND	SCHED_RR	1	5	2.66	0	0.05	2%	1	1149
I/O BOUND	SCHED_RR	1	5	2.17	0	0.08	3%	1	1220
I/O BOUND	SCHED_RR	1	5	12.22	0	0.08	0%	1	1187
I/O BOUND	SCHED_RR	1	5	1.39	0	0.06	4%	1	1294
I/O BOUND	SCHED_RR	1	5	1.99	0	0.03	2%	1	1175
I/O BOUND	SCHED_RR	1	5	7.87	0	0.05	0%	1	1655
I/O BOUND	SCHED_RR	1	5	5.39	0	0.1	2%	1	1209
I/O BOUND	SCHED_RR	1	5	10.85	0	0.06	0%	1	1570
I/O BOUND	SCHED_RR	1	5	1.88	0	0.05	3%	1	1523
I/O BOUND	SCHED_RR	1	5	1.54	0	0.04	3%	1	1599
I/O BOUND	SCHED_RR	1	5	8.72	0	0.05	0%	1	1790
I/O BOUND	SCHED_RR	1	5	1.95	0.01	0.02	2%	1	1962
I/O BOUND	SCHED_RR	1	5	6.88	0	0.08	1%	1	1178
I/O BOUND	SCHED_RR	1	5	2.12	0.02	0.01	1%	1	1973
I/O BOUND	SCHED_RR	1	5	2.4	0	0.08	3%	1	1138
I/O BOUND	SCHED_RR	1	5	3.65	0	0.04	1%	1	1970
I/O BOUND	SCHED_RR	1	5	2.18	0	0.07	3%	1	1293
I/O BOUND	SCHED_RR	1	5	1.41	0	0.04	3%	1	1193
I/O BOUND	SCHED_RR	1	5	2.64	0.01	0.06	2%	1	1299
I/O BOUND	SCHED_RR	1	5	4.64	0	0.04	1%	1	1224
I/O BOUND	SCHED_RR	1	5	4.66	0	0.04	0%	1	1637
I/O BOUND	SCHED_RR	1	5	13.28	0	0.15	1%	1	1424
I/O BOUND	SCHED_RR	1	5	4.06	0	0.08	1%	1	1210
I/O BOUND	SCHED_RR	1	5	14.9	0	0.04	0%	1	1776
I/O BOUND	SCHED_RR	1	5	2.13	0.02	0.05	3%	1	1182
I/O BOUND	SCHED_RR	1	5	9.91	0	0.04	0%	1	1786
I/O BOUND	SCHED_RR	1	5	5.07	0	0.04	0%	1	1930
I/O BOUND	SCHED_RR	1	5	7.62	0	0.06	0%	1	1472
I/O BOUND	SCHED_RR	1	5	3.41	0	0.06	1%	1	1950
I/O BOUND	SCHED_RR	1	5	6.48	0	0.04	0%	1	1835
I/O BOUND	SCHED_RR	1	5	5.23	0	0.07	1%	1	1143
I/O BOUND	SCHED_RR	1	5	5.61	0	0.04	0%	1	1402
I/O BOUND	SCHED_RR	1	5	1.72	0	0.04	2%	1	1860
I/O BOUND	SCHED_RR	1	5	2.63	0	0.04	1%	1	1214
I/O BOUND	SCHED_RR	1	5	4.33	0	0.05	1%	1	1741
I/O BOUND	SCHED_RR	1	5	2.03	0	0.04	2%	1	1976
I/O BOUND	SCHED_RR	1	5	1.78	0	0.05	2%	2	1159
I/O BOUND	SCHED_RR	1	5	4.32	0	0.04	1%	1	1950
I/O BOUND	SCHED_RR	1	5	9.91	0	0.05	0%	1	1817
I/O BOUND	SCHED_RR	1	5	19.01	0	0.12	0%	1	1310
I/O BOUND	SCHED_RR	1	5	6.1	0.02	0.05	1%	1	1182
I/O BOUND	SCHED_RR	1	5	1.78	0	0.05	3%	1	1348
I/O BOUND	SCHED_RR	1	5	2.15	0	0.04	1%	1	1818
I/O BOUND	SCHED_RR	1	5	2.9	0	0.06	2%	1	1252
I/O BOUND	SCHED_RR	1	5	1.29	0	0.03	3%	1	1283
I/O BOUND	SCHED_RR	1	5	2.74	0.01	0.02	1%	1	1932
I/O BOUND	SCHED_RR	1	5	4.19	0	0.04	1%	1	1305
I/O BOUND	SCHED_RR	1	5	10.17	0	0.04	0%	1	1536
I/O BOUND	SCHED_RR	1	5	2.32	0	0.08	3%	1	1354
I/O BOUND	SCHED_RR	1	5	1.35	0	0.05	3%	1	1283
I/O BOUND	SCHED_RR	1	5	2.34	0	0.04	1%	1	1946
I/O BOUND	SCHED_RR	1	5	1.39	0	0.06	4%	1	1218
I/O BOUND	SCHED_RR	1	5	7.07	0	0.08	1%	1	1249
I/O BOUND	SCHED_RR	1	5	2.29	0.01	0.04	2%	1	1156
I/O BOUND	SCHED_RR	1	5	1.41	0	0.04	2%	1	1270
I/O BOUND	SCHED_RR	1	5	2.45	0	0.04	1%	1	1853
I/O BOUND	SCHED_RR	1	5	3.76	0	0.04	1%	1	1826
I/O BOUND	SCHED_RR	1	5	8.77	0.01	0.06	0%	1	1190
I/O BOUND	SCHED_RR	1	5	1.82	0	0.05	3%	1	1648
I/O BOUND	SCHED_RR	1	5	3.79	0	0.07	2%	1	1595
I/O BOUND	SCHED_RR	1	5	1.66	0	0.12	7%	1	1422
I/O BOUND	SCHED_RR	1	5	1.42	0.01	0.04	3%	1	1441
I/O BOUND	SCHED_RR	1	5	1.51	0	0.06	3%	1	1414
I/O BOUND	SCHED_RR	1	5	1.45	0	0.04	3%	1	1189
I/O BOUND	SCHED_RR	1	5	3.87	0	0.08	2%	1	1280
I/O BOUND	SCHED_RR	1	5	2.28	0	0.04	2%	1	1253
I/O BOUND	SCHED_RR	1	5	1.91	0	0.07	3%	1	1268
I/O BOUND	SCHED_RR	1	5	3.65	0	0.04	1%	1	1503

I/O BOUND	SCHED_RR	1	5	5.54	0	0.04	0%	1	1848
I/O BOUND	SCHED_RR	1	5	4.22	0	0.08	1%	1	1322
I/O BOUND	SCHED_RR	1	5	1.29	0	0.05	4%	1	1133
I/O BOUND	SCHED_RR	1	5	2.65	0	0.04	1%	1	1827
I/O BOUND	SCHED_RR	1	5	9.93	0	0.05	0%	1	1604
I/O BOUND	SCHED_RR	1	5	5.11	0	0.1	1%	1	1539
I/O BOUND	SCHED_RR	1	5	6.93	0	0.04	0%	1	1483
I/O BOUND	SCHED_RR	1	5	2.48	0	0.08	3%	1	1150
I/O BOUND	SCHED_RR	1	5	6.63	0	0.05	0%	1	1446
I/O BOUND	SCHED_RR	1	5	2.11	0	0.04	2%	1	1977
I/O BOUND	SCHED_RR	1	5	6.6	0	0.09	1%	1	1351
I/O BOUND	SCHED_RR	1	5	2.16	0	0.07	3%	1	1225
I/O BOUND	SCHED_RR	1	5	8.52	0.01	0.03	0%	1	1994
I/O BOUND	SCHED_RR	1	5	1.31	0	0.05	4%	1	1180
I/O BOUND	SCHED_RR	1	5	8.72	0	0.04	0%	1	1395
I/O BOUND	SCHED_RR	1	5	1.72	0	0.04	2%	1	1947
I/O BOUND	SCHED_RR	1	5	8.84	0	0.08	0%	1	1282
I/O BOUND	SCHED_RR	1	5	1.66	0	0.04	2%	1	1285
I/O BOUND	SCHED_RR	1	5	1.54	0	0.04	3%	1	1226
I/O BOUND	SCHED_RR	1	5	1.76	0	0.04	2%	1	1639
I/O BOUND	SCHED_RR	1	5	1.96	0.02	0.02	2%	1	1873
I/O BOUND	SCHED_RR	1	5	8.85	0	0.08	0%	1	1174
I/O BOUND	SCHED_RR	1	5	1.38	0	0.04	2%	1	1200
I/O BOUND	SCHED_RR	1	5	8.05	0	0.05	0%	1	1754
I/O BOUND	SCHED_RR	1	5	3.09	0	0.08	2%	1	1274
I/O BOUND	SCHED_RR	1	5	2.09	0	0.03	2%	1	1379
I/O BOUND	SCHED_RR	1	5	3.12	0	0.05	1%	1	1630
I/O BOUND	SCHED_RR	1	5	1.46	0	0.04	2%	1	1267
I/O BOUND	SCHED_RR	1	5	2.96	0.02	0.02	1%	1	1901
I/O BOUND	SCHED_RR	1	5	1.71	0	0.07	4%	1	1546
I/O BOUND	SCHED_RR	1	5	2.66	0	0.08	3%	1	1274
I/O BOUND	SCHED_RR	1	5	1.37	0	0.06	4%	1	1241
I/O BOUND	SCHED_RR	1	5	2.07	0	0.08	4%	1	1233
I/O BOUND	SCHED_RR	1	5	2.91	0	0.06	2%	1	1104
I/O BOUND	SCHED_RR	1	5	1.88	0	0.04	2%	1	1930
I/O BOUND	SCHED_RR	1	5	1.17	0	0.05	4%	1	1157
I/O BOUND	SCHED_RR	1	5	1.8	0	0.04	2%	1	1656
I/O BOUND	SCHED_RR	1	5	4.21	0	0.07	1%	1	1211
I/O BOUND	SCHED_RR	1	5	5.38	0	0.12	2%	1	1856
I/O BOUND	SCHED_RR	1	5	12.18	0	0.06	0%	1	1568
I/O BOUND	SCHED_RR	1	5	5.02	0	0.04	0%	1	1855
I/O BOUND	SCHED_RR	1	5	4.97	0	0.05	1%	1	1932
I/O BOUND	SCHED_RR	1	5	2.3	0	0.06	2%	1	1710
I/O BOUND	SCHED_RR	1	5	9.42	0	0.04	0%	1	1411
I/O BOUND	SCHED_RR	1	5	2	0	0.07	3%	1	1338
I/O BOUND	SCHED_RR	1	5	2.64	0	0.04	1%	1	1413
I/O BOUND	SCHED_RR	1	5	1.38	0	0.05	3%	1	1210
I/O BOUND	SCHED_RR	1	5	9.25	0	0.05	0%	1	1995
I/O BOUND	SCHED_RR	1	5	2.11	0	0.08	4%	1	1361
I/O BOUND	SCHED_RR	1	5	6.6	0	0.04	0%	1	1744
I/O BOUND	SCHED_RR	1	5	2.98	0	0.04	1%	1	1281
I/O BOUND	SCHED_RR	1	5	4.62	0.01	0.03	0%	1	1800
I/O BOUND	SCHED_RR	1	5	2.15	0.02	0.03	2%	1	1738
I/O BOUND	SCHED_RR	1	5	11.89	0	0.08	0%	1	1149
I/O BOUND	SCHED_RR	1	5	2.42	0	0.04	1%	1	1890
I/O BOUND	SCHED_RR	1	5	12.11	0.02	0.02	0%	1	1627
I/O BOUND	SCHED_RR	1	5	6.55	0	0.08	1%	1	1232
I/O BOUND	SCHED_RR	1	5	1.97	0.02	0.02	2%	1	1944
I/O BOUND	SCHED_RR	1	5	1.99	0.01	0.03	2%	1	1848
I/O BOUND	SCHED_RR	1	5	2.82	0	0.05	1%	1	1918
I/O BOUND	SCHED_RR	1	5	3.37	0	0.08	2%	1	1272
I/O BOUND	SCHED_RR	1	5	1.48	0	0.04	3%	1	1455
I/O BOUND	SCHED_RR	1	5	5.54	0	0.07	1%	1	1601
I/O BOUND	SCHED_RR	1	5	2.14	0	0.08	3%	1	1506
I/O BOUND	SCHED_RR	1	5	1.5	0	0.03	2%	1	1578
I/O BOUND	SCHED_RR	1	5	4.32	0.01	0.06	1%	1	1247
I/O BOUND	SCHED_RR	1	5	1.68	0	0.03	2%	1	1915
I/O BOUND	SCHED_RR	1	5	4.83	0	0.05	1%	1	1193

I/O BOUND	SCHED_RR	1	5	2.56	0	0.05	2%	1	1838
I/O BOUND	SCHED_RR	1	5	2.31	0	0.04	2%	1	1617
I/O BOUND	SCHED_RR	1	5	7.62	0	0.04	0%	1	1596
I/O BOUND	SCHED_RR	1	5	1.52	0	0.05	3%	1	1196
I/O BOUND	SCHED_RR	1	5	9.18	0	0.04	0%	1	1324
I/O BOUND	SCHED_RR	1	5	2.24	0	0.08	3%	1	1348
I/O BOUND	SCHED_RR	1	5	1.65	0	0.05	3%	1	1171
I/O BOUND	SCHED_RR	1	5	2.01	0	0.04	2%	1	1182
I/O BOUND	SCHED_RR	1	5	2.4	0	0.08	3%	1	1313
I/O BOUND	SCHED_RR	1	5	2.06	0	0.06	2%	0	1233
I/O BOUND	SCHED_RR	1	5	3.49	0	0.09	2%	1	1361
I/O BOUND	SCHED_RR	1	5	7.16	0	0.05	0%	1	1767
I/O BOUND	SCHED_RR	1	5	4.63	0	0.05	1%	1	1219
I/O BOUND	SCHED_RR	1	5	1.31	0	0.04	3%	1	1148
I/O BOUND	SCHED_RR	1	5	1.42	0	0.04	3%	1	1448
I/O BOUND	SCHED_RR	1	5	1.56	0	0.04	3%	1	1369
I/O BOUND	SCHED_RR	1	5	8.95	0	0.03	0%	1	1393
I/O BOUND	SCHED_RR	1	5	1.29	0	0.04	3%	1	1129
I/O BOUND	SCHED_RR	1	5	12.76	0	0.08	0%	1	1390
I/O BOUND	SCHED_RR	1	5	5.74	0	0.08	1%	1	1436
I/O BOUND	SCHED_RR	1	5	15.22	0	0.05	0%	1	1864
I/O BOUND	SCHED_RR	1	5	6.02	0	0.1	1%	1	1450
I/O BOUND	SCHED_RR	1	5	10.77	0	0.09	0%	1	1529
I/O BOUND	SCHED_RR	1	5	5.95	0	0.04	0%	1	1367
I/O BOUND	SCHED_RR	1	5	9.13	0.02	0.04	0%	1	1364
I/O BOUND	SCHED_RR	1	5	2.46	0	0.05	2%	1	1562
I/O BOUND	SCHED_RR	1	5	2.53	0	0.08	3%	1	1348
I/O BOUND	SCHED_RR	1	5	10.58	0.02	0.03	0%	1	1928
I/O BOUND	SCHED_RR	1	5	2.67	0	0.08	3%	1	1213
I/O BOUND	SCHED_RR	1	5	9.53	0	0.07	0%	1	1836
I/O BOUND	SCHED_RR	1	5	2.45	0	0.06	2%	1	1424
I/O BOUND	SCHED_RR	1	5	8.56	0	0.04	0%	1	1821
I/O BOUND	SCHED_RR	1	5	1.64	0	0.04	2%	1	1626
I/O BOUND	SCHED_RR	1	5	5.53	0	0.03	0%	1	1306
I/O BOUND	SCHED_RR	1	5	2.5	0	0.04	2%	1	1719
I/O BOUND	SCHED_RR	1	5	7.47	0	0.06	0%	1	1740
I/O BOUND	SCHED_RR	1	5	6.19	0	0.08	1%	1	1197
I/O BOUND	SCHED_RR	1	5	3.87	0	0.08	2%	1	1257
I/O BOUND	SCHED_RR	1	5	10.66	0	0.09	0%	1	1289
I/O BOUND	SCHED_RR	1	5	2.34	0.01	0.08	3%	1	1337
I/O BOUND	SCHED_RR	1	5	1.5	0	0.04	2%	1	1650
I/O BOUND	SCHED_RR	1	5	5.02	0	0.04	0%	1	1439
I/O BOUND	SCHED_RR	1	5	3.77	0	0.1	2%	1	1372
I/O BOUND	SCHED_RR	1	5	1.98	0.01	0.03	2%	1	1679
I/O BOUND	SCHED_RR	1	5	20.55	0.01	0.07	0%	1	1097
I/O BOUND	SCHED_RR	1	5	2.13	0.01	0.04	2%	1	1184
I/O BOUND	SCHED_RR	1	5	8.82	0.01	0.04	0%	1	1884
I/O BOUND	SCHED_RR	1	5	2.5	0.01	0.03	1%	1	1939
I/O BOUND	SCHED_RR	1	5	6.06	0	0.08	1%	1	1221
I/O BOUND	SCHED_RR	1	5	3.29	0	0.04	1%	1	1899
I/O BOUND	SCHED_RR	1	5	6.66	0.02	0.02	0%	1	1702
I/O BOUND	SCHED_RR	1	5	1.7	0	0.05	3%	1	1386
I/O BOUND	SCHED_RR	1	5	5.7	0	0.07	1%	1	1080
I/O BOUND	SCHED_RR	1	5	7.5	0	0.03	0%	1	1810
I/O BOUND	SCHED_RR	1	5	1.45	0	0.05	3%	1	1448
I/O BOUND	SCHED_RR	1	5	10.33	0	0.04	0%	1	1361
I/O BOUND	SCHED_RR	1	5	2.63	0	0.08	3%	1	1240
I/O BOUND	SCHED_RR	1	5	1.59	0	0.05	3%	1	1290
I/O BOUND	SCHED_RR	1	5	2.09	0	0.08	4%	1	1336
I/O BOUND	SCHED_RR	1	5	1.53	0	0.04	3%	1	1486
I/O BOUND	SCHED_RR	1	5	8.83	0	0.08	0%	1	1249
I/O BOUND	SCHED_RR	1	5	2.61	0	0.04	2%	1	1233
I/O BOUND	SCHED_RR	1	5	8.1	0	0.06	0%	1	1399
I/O BOUND	SCHED_RR	1	5	15.02	0	0.04	0%	1	1366
I/O BOUND	SCHED_RR	1	5	4.88	0	0.04	0%	1	1389
I/O BOUND	SCHED_RR	1	5	1.53	0	0.04	3%	1	1238
I/O BOUND	SCHED_RR	1	5	4.15	0	0.04	1%	1	1210
I/O BOUND	SCHED_RR	1	5	1.68	0	0.04	2%	1	1752

I/O BOUND	SCHED_RR	1	5	3.94	0.01	0.04	1%	1	1822
I/O BOUND	SCHED_RR	1	5	4.98	0	0.05	1%	1	1302
I/O BOUND	SCHED_RR	1	5	1.94	0	0.04	2%	1	1371
I/O BOUND	SCHED_RR	1	5	8.75	0.01	0.03	0%	1	1413
I/O BOUND	SCHED_RR	1	5	1.84	0	0.05	2%	1	1301
I/O BOUND	SCHED_RR	1	5	8.61	0.02	0.01	0%	1	1643
I/O BOUND	SCHED_RR	1	5	2.52	0	0.08	3%	1	1370
I/O BOUND	SCHED_RR	1	5	1.32	0	0.04	3%	1	1436
I/O BOUND	SCHED_RR	1	5	2	0.01	0.04	2%	1	1764
I/O BOUND	SCHED_RR	1	5	11.72	0	0.09	0%	1	1165
I/O BOUND	SCHED_RR	1	5	14.31	0	0.06	0%	1	1794
I/O BOUND	SCHED_RR	1	5	8.31	0.01	0.02	0%	1	1387
I/O BOUND	SCHED_RR	1	5	9.56	0	0.04	0%	1	1503
I/O BOUND	SCHED_RR	1	5	2.37	0	0.05	2%	1	1338
I/O BOUND	SCHED_RR	1	5	24.27	0	0.03	0%	1	1560
I/O BOUND	SCHED_RR	1	5	8.06	0	0.13	1%	1	1213
I/O BOUND	SCHED_RR	1	5	1.95	0.02	0.02	2%	1	1935
I/O BOUND	SCHED_RR	1	5	3.08	0	0.04	1%	1	1299
I/O BOUND	SCHED_RR	1	5	7.43	0.01	0.04	0%	1	1263
I/O BOUND	SCHED_RR	1	5	4.39	0	0.08	1%	1	1201
I/O BOUND	SCHED_RR	1	5	8.49	0	0.03	0%	1	1399
I/O BOUND	SCHED_RR	1	5	6.67	0.02	0.02	0%	1	1774
I/O BOUND	SCHED_RR	1	5	6.97	0	0.08	1%	1	1224
I/O BOUND	SCHED_RR	1	5	1.72	0	0.03	2%	1	1556
I/O BOUND	SCHED_RR	1	5	1.99	0	0.05	2%	1	1402
I/O BOUND	SCHED_RR	1	5	1.7	0	0.03	2%	1	1955
I/O BOUND	SCHED_RR	1	5	2.54	0	0.04	1%	1	1869
I/O BOUND	SCHED_RR	1	5	8.28	0	0.04	0%	1	1369
I/O BOUND	SCHED_RR	1	5	1.65	0	0.04	3%	1	1577
I/O BOUND	SCHED_RR	1	5	7.36	0	0.04	0%	1	1847
I/O BOUND	SCHED_RR	1	5	4.2	0	0.08	1%	1	1209
I/O BOUND	SCHED_RR	1	5	25.47	0.02	0.03	0%	1	1905
I/O BOUND	SCHED_RR	1	5	1.79	0	0.04	2%	1	1849
MIXED	SCHED_FIFO	1	5	15.49	39.03	0	251%	28	20
MIXED	SCHED_FIFO	1	5	15.51	38.87	0	250%	29	22
MIXED	SCHED_FIFO	1	5	15.37	38.89	0	253%	29	19
MIXED	SCHED_FIFO	1	5	15.64	39.29	0	251%	29	22
MIXED	SCHED_FIFO	1	5	15.18	38.52	0	253%	17	25
MIXED	SCHED_FIFO	1	5	15.17	38.41	0.03	253%	29	24
MIXED	SCHED_FIFO	1	5	15.41	38.55	0.01	250%	29	21
MIXED	SCHED_FIFO	1	5	15.03	37.82	0	251%	28	22
MIXED	SCHED_FIFO	1	5	15.24	38.47	0.02	252%	25	25
MIXED	SCHED_FIFO	1	5	15.71	38.89	0	247%	29	22
MIXED	SCHED_FIFO	1	5	15.17	38.29	0.01	252%	17	19
MIXED	SCHED_FIFO	1	5	15.14	38.37	0	253%	29	28
MIXED	SCHED_FIFO	1	5	15.34	39.33	0.02	256%	29	24
MIXED	SCHED_FIFO	1	5	15.42	38.66	0	250%	29	19
MIXED	SCHED_FIFO	1	5	15.3	38.89	0	254%	21	23
MIXED	SCHED_FIFO	1	5	15.84	39.78	0.02	251%	29	20
MIXED	SCHED_FIFO	1	5	15.39	38.61	0.03	251%	29	24
MIXED	SCHED_FIFO	1	5	15.45	38.95	0	252%	29	20
MIXED	SCHED_FIFO	1	5	15.47	38.78	0	250%	29	21
MIXED	SCHED_FIFO	1	5	15.68	38.79	0	247%	26	20
MIXED	SCHED_FIFO	1	5	15.51	39.75	0.02	256%	22	24
MIXED	SCHED_FIFO	1	5	15.42	38.47	0.01	249%	29	23
MIXED	SCHED_FIFO	1	5	15.5	38.78	0.01	250%	29	22
MIXED	SCHED_FIFO	1	5	15.35	38.36	0	249%	28	21
MIXED	SCHED_FIFO	1	5	15.49	39.17	0	252%	29	20
MIXED	SCHED_FIFO	1	5	15.35	38.63	0	251%	22	22
MIXED	SCHED_FIFO	1	5	15.28	37.99	0.02	248%	25	20
MIXED	SCHED_FIFO	1	5	15.4	38.81	0	251%	29	21
MIXED	SCHED_FIFO	1	5	15.24	37.42	0.01	245%	29	21
MIXED	SCHED_FIFO	1	5	15.42	37.6	0.02	243%	21	23
MIXED	SCHED_FIFO	1	5	15.2	37.7	0	248%	28	27
MIXED	SCHED_FIFO	1	5	15.35	38.83	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.58	37.56	0.02	241%	28	22
MIXED	SCHED_FIFO	1	5	15.91	39.59	0	248%	29	22
MIXED	SCHED_FIFO	1	5	15.52	39.85	0.06	257%	29	26

MIXED	SCHED_FIFO	1	5	15.22	37.93	0.02	249%	18	22
MIXED	SCHED_FIFO	1	5	15.13	38.46	0.01	254%	29	19
MIXED	SCHED_FIFO	1	5	15.39	38.9	0.04	252%	29	25
MIXED	SCHED_FIFO	1	5	14.81	37.59	0.02	253%	17	22
MIXED	SCHED_FIFO	1	5	15.68	39.6	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.5	38.57	0.01	248%	29	21
MIXED	SCHED_FIFO	1	5	15.23	38.37	0	251%	29	20
MIXED	SCHED_FIFO	1	5	14.85	36.28	0	244%	25	21
MIXED	SCHED_FIFO	1	5	14.98	37.33	0.01	249%	14	21
MIXED	SCHED_FIFO	1	5	15.43	37.8	0.02	245%	18	24
MIXED	SCHED_FIFO	1	5	15.03	38.11	0	253%	29	22
MIXED	SCHED_FIFO	1	5	15.21	38.87	0.06	255%	29	22
MIXED	SCHED_FIFO	1	5	15.5	38.59	0.01	249%	29	22
MIXED	SCHED_FIFO	1	5	15.31	38.79	0	253%	29	21
MIXED	SCHED_FIFO	1	5	14.75	37.43	0.01	253%	14	25
MIXED	SCHED_FIFO	1	5	15.56	38.61	0.02	248%	29	21
MIXED	SCHED_FIFO	1	5	15.43	38.65	0	250%	29	19
MIXED	SCHED_FIFO	1	5	15.31	37.92	0.02	247%	29	21
MIXED	SCHED_FIFO	1	5	15.32	38.48	0	251%	29	20
MIXED	SCHED_FIFO	1	5	15.03	37.16	0.03	247%	17	22
MIXED	SCHED_FIFO	1	5	15.21	39.11	0.04	257%	29	23
MIXED	SCHED_FIFO	1	5	15	38.1	0.02	254%	29	27
MIXED	SCHED_FIFO	1	5	15.54	38.57	0.01	248%	29	21
MIXED	SCHED_FIFO	1	5	15.23	38.76	0.02	254%	29	23
MIXED	SCHED_FIFO	1	5	15.52	37.89	0.02	244%	29	23
MIXED	SCHED_FIFO	1	5	15.75	39.99	0	253%	29	23
MIXED	SCHED_FIFO	1	5	15.18	38.17	0	251%	17	24
MIXED	SCHED_FIFO	1	5	15.15	38.2	0.06	252%	29	23
MIXED	SCHED_FIFO	1	5	15.56	38.75	0	249%	29	22
MIXED	SCHED_FIFO	1	5	14.94	37.73	0.01	252%	18	23
MIXED	SCHED_FIFO	1	5	15.4	38.85	0	252%	29	22
MIXED	SCHED_FIFO	1	5	14.98	37.61	0.02	251%	29	24
MIXED	SCHED_FIFO	1	5	15.4	38.55	0.01	250%	29	24
MIXED	SCHED_FIFO	1	5	15.24	38.32	0.02	251%	29	22
MIXED	SCHED_FIFO	1	5	15.15	37.17	0.02	245%	28	22
MIXED	SCHED_FIFO	1	5	15.34	38.59	0	251%	25	19
MIXED	SCHED_FIFO	1	5	15.18	37.63	0	247%	28	22
MIXED	SCHED_FIFO	1	5	15.33	38.81	0.02	253%	29	21
MIXED	SCHED_FIFO	1	5	15.07	37.99	0	252%	28	20
MIXED	SCHED_FIFO	1	5	15.24	39	0.01	255%	29	26
MIXED	SCHED_FIFO	1	5	15.49	38.81	0.01	250%	29	22
MIXED	SCHED_FIFO	1	5	15.65	38.44	0	245%	29	22
MIXED	SCHED_FIFO	1	5	15.23	37.95	0.02	249%	29	21
MIXED	SCHED_FIFO	1	5	15.38	38.54	0.01	250%	29	21
MIXED	SCHED_FIFO	1	5	15.43	38.73	0.02	251%	29	22
MIXED	SCHED_FIFO	1	5	15.09	37.85	0	250%	28	23
MIXED	SCHED_FIFO	1	5	15.23	38.89	0.05	255%	29	23
MIXED	SCHED_FIFO	1	5	15.15	38.04	0	251%	29	23
MIXED	SCHED_FIFO	1	5	14.98	37.41	0.02	249%	29	24
MIXED	SCHED_FIFO	1	5	15.2	37.69	0	248%	29	20
MIXED	SCHED_FIFO	1	5	15.4	37.2	0	241%	28	22
MIXED	SCHED_FIFO	1	5	15.66	38.36	0.02	245%	29	22
MIXED	SCHED_FIFO	1	5	15.14	37.74	0	249%	28	21
MIXED	SCHED_FIFO	1	5	15	37.31	0.03	249%	17	23
MIXED	SCHED_FIFO	1	5	15.29	39.38	0.01	257%	29	23
MIXED	SCHED_FIFO	1	5	15.56	39.06	0	250%	29	22
MIXED	SCHED_FIFO	1	5	15.4	38.79	0.02	251%	29	25
MIXED	SCHED_FIFO	1	5	15.06	38.25	0	254%	29	25
MIXED	SCHED_FIFO	1	5	15.13	38.16	0.01	252%	29	22
MIXED	SCHED_FIFO	1	5	15.1	38.58	0.04	255%	29	25
MIXED	SCHED_FIFO	1	5	15.38	38.51	0.02	250%	25	23
MIXED	SCHED_FIFO	1	5	15.15	38.26	0	252%	28	23
MIXED	SCHED_FIFO	1	5	15.27	38.61	0	252%	29	22
MIXED	SCHED_FIFO	1	5	15.24	38.91	0.01	255%	29	21
MIXED	SCHED_FIFO	1	5	15.07	37.05	0.05	246%	29	23
MIXED	SCHED_FIFO	1	5	15.28	38.17	0.01	249%	29	19
MIXED	SCHED_FIFO	1	5	15.14	37.81	0.02	249%	22	20
MIXED	SCHED_FIFO	1	5	15.31	38.2	0	249%	28	22

MIXED	SCHED_FIFO	1	5	15.27	38.58	0.02	252%	29	19
MIXED	SCHED_FIFO	1	5	15.31	38.9	0	253%	29	18
MIXED	SCHED_FIFO	1	5	15.33	38.49	0	251%	29	24
MIXED	SCHED_FIFO	1	5	14.95	37.42	0	250%	15	24
MIXED	SCHED_FIFO	1	5	15.43	38.52	0.01	249%	13	23
MIXED	SCHED_FIFO	1	5	15.56	38.37	0	246%	29	20
MIXED	SCHED_FIFO	1	5	15.58	38.88	0	249%	29	20
MIXED	SCHED_FIFO	1	5	15.13	38.46	0.06	254%	29	22
MIXED	SCHED_FIFO	1	5	15.15	38.35	0.02	253%	17	22
MIXED	SCHED_FIFO	1	5	15.29	38.59	0.01	252%	29	20
MIXED	SCHED_FIFO	1	5	14.66	36.25	0	247%	25	21
MIXED	SCHED_FIFO	1	5	15.18	38.73	0.02	255%	29	25
MIXED	SCHED_FIFO	1	5	15.69	38.77	0	247%	29	22
MIXED	SCHED_FIFO	1	5	15.43	38.26	0.01	248%	29	21
MIXED	SCHED_FIFO	1	5	15.36	38.86	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.4	38.25	0	248%	29	21
MIXED	SCHED_FIFO	1	5	15.32	38.51	0	251%	29	22
MIXED	SCHED_FIFO	1	5	15.14	38.49	0.02	254%	29	26
MIXED	SCHED_FIFO	1	5	15.21	38.37	0	252%	21	21
MIXED	SCHED_FIFO	1	5	15.47	38.53	0	249%	29	19
MIXED	SCHED_FIFO	1	5	15.33	39.19	0.02	255%	29	22
MIXED	SCHED_FIFO	1	5	15.51	38.43	0.01	247%	29	21
MIXED	SCHED_FIFO	1	5	15.23	38.3	0.01	251%	21	21
MIXED	SCHED_FIFO	1	5	14.71	36.25	0.06	246%	25	31
MIXED	SCHED_FIFO	1	5	15.23	38.64	0.02	253%	29	24
MIXED	SCHED_FIFO	1	5	15.28	38.26	0.01	250%	29	26
MIXED	SCHED_FIFO	1	5	15.42	38.64	0	250%	21	23
MIXED	SCHED_FIFO	1	5	15.45	39.21	0.01	253%	29	19
MIXED	SCHED_FIFO	1	5	15.55	39.18	0	251%	29	21
MIXED	SCHED_FIFO	1	5	15.33	38.07	0	248%	29	25
MIXED	SCHED_FIFO	1	5	15.09	38.33	0	254%	29	24
MIXED	SCHED_FIFO	1	5	15.67	38.84	0.01	247%	29	25
MIXED	SCHED_FIFO	1	5	15.25	38.38	0.01	251%	29	21
MIXED	SCHED_FIFO	1	5	15.03	37.99	0.04	253%	29	27
MIXED	SCHED_FIFO	1	5	15.55	38.74	0	249%	29	23
MIXED	SCHED_FIFO	1	5	15.05	37.46	0.06	249%	29	24
MIXED	SCHED_FIFO	1	5	14.73	35.99	0.02	244%	25	27
MIXED	SCHED_FIFO	1	5	15.37	38.53	0.01	250%	29	20
MIXED	SCHED_FIFO	1	5	15.17	38.4	0.01	253%	28	21
MIXED	SCHED_FIFO	1	5	15.36	38.67	0.02	251%	29	24
MIXED	SCHED_FIFO	1	5	15.27	38.73	0	253%	29	21
MIXED	SCHED_FIFO	1	5	15.42	38.81	0.02	251%	29	21
MIXED	SCHED_FIFO	1	5	15	37.67	0.02	251%	19	23
MIXED	SCHED_FIFO	1	5	15.06	38.13	0.03	253%	13	22
MIXED	SCHED_FIFO	1	5	15.65	38.61	0	246%	29	19
MIXED	SCHED_FIFO	1	5	15.21	39.26	0.03	258%	29	24
MIXED	SCHED_FIFO	1	5	15.24	38.57	0	253%	29	21
MIXED	SCHED_FIFO	1	5	15.47	38.21	0.03	247%	19	20
MIXED	SCHED_FIFO	1	5	15.7	38.99	0	248%	29	22
MIXED	SCHED_FIFO	1	5	15.15	38.34	0.02	253%	29	20
MIXED	SCHED_FIFO	1	5	15.65	38.57	0.01	246%	29	23
MIXED	SCHED_FIFO	1	5	15.25	38.41	0	251%	29	20
MIXED	SCHED_FIFO	1	5	15.44	38.14	0.01	247%	29	28
MIXED	SCHED_FIFO	1	5	15.14	38.02	0.01	251%	29	22
MIXED	SCHED_FIFO	1	5	15.57	38.53	0	247%	29	23
MIXED	SCHED_FIFO	1	5	15.03	38.15	0	253%	29	23
MIXED	SCHED_FIFO	1	5	15.44	38.77	0.02	251%	29	21
MIXED	SCHED_FIFO	1	5	15.13	38.24	0	252%	28	20
MIXED	SCHED_FIFO	1	5	15.55	38.79	0.01	249%	29	23
MIXED	SCHED_FIFO	1	5	14.96	37.9	0.01	253%	29	24
MIXED	SCHED_FIFO	1	5	15.22	38.77	0.05	254%	29	25
MIXED	SCHED_FIFO	1	5	15.29	37.71	0	246%	29	21
MIXED	SCHED_FIFO	1	5	15.49	38.95	0	251%	29	21
MIXED	SCHED_FIFO	1	5	15.28	38.69	0.02	253%	29	24
MIXED	SCHED_FIFO	1	5	15.29	38.62	0.02	252%	29	25
MIXED	SCHED_FIFO	1	5	14.78	37.29	0.05	252%	13	22
MIXED	SCHED_FIFO	1	5	15.45	38.53	0.02	249%	29	27
MIXED	SCHED_FIFO	1	5	14.8	37.29	0.08	252%	16	22

MIXED	SCHED_FIFO	1	5	15.41	38.91	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.43	38.28	0.01	248%	29	22
MIXED	SCHED_FIFO	1	5	15.18	38.88	0	256%	29	21
MIXED	SCHED_FIFO	1	5	15.42	38.31	0.01	248%	28	18
MIXED	SCHED_FIFO	1	5	14.96	37.61	0.04	251%	17	23
MIXED	SCHED_FIFO	1	5	15.32	38.39	0	250%	29	23
MIXED	SCHED_FIFO	1	5	15.3	38.65	0	252%	29	21
MIXED	SCHED_FIFO	1	5	14.91	37.37	0.03	250%	29	25
MIXED	SCHED_FIFO	1	5	14.96	37.17	0	248%	28	24
MIXED	SCHED_FIFO	1	5	15.23	38.88	0.01	255%	29	22
MIXED	SCHED_FIFO	1	5	15.35	38.69	0	252%	29	23
MIXED	SCHED_FIFO	1	5	15.05	38.51	0.02	255%	29	26
MIXED	SCHED_FIFO	1	5	15.49	38.6	0	249%	29	21
MIXED	SCHED_FIFO	1	5	15.27	38.57	0	252%	29	27
MIXED	SCHED_FIFO	1	5	14.97	37.95	0.02	253%	29	26
MIXED	SCHED_FIFO	1	5	15.14	38.51	0.02	254%	28	20
MIXED	SCHED_FIFO	1	5	15.18	38.3	0.07	252%	29	23
MIXED	SCHED_FIFO	1	5	15.23	38.71	0.02	254%	29	23
MIXED	SCHED_FIFO	1	5	15.59	38.44	0	246%	29	24
MIXED	SCHED_FIFO	1	5	15.01	37.51	0.04	250%	29	27
MIXED	SCHED_FIFO	1	5	15.21	38.6	0.02	253%	29	24
MIXED	SCHED_FIFO	1	5	15.23	37.98	0	249%	29	22
MIXED	SCHED_FIFO	1	5	15.09	37.49	0.02	248%	29	21
MIXED	SCHED_FIFO	1	5	15.47	37.39	0.01	241%	28	21
MIXED	SCHED_FIFO	1	5	15.99	40.45	0.01	252%	29	22
MIXED	SCHED_FIFO	1	5	15.05	37.35	0	248%	28	21
MIXED	SCHED_FIFO	1	5	15.38	38.89	0	252%	29	23
MIXED	SCHED_FIFO	1	5	15.25	38.13	0	249%	29	20
MIXED	SCHED_FIFO	1	5	15	37.5	0.01	250%	18	22
MIXED	SCHED_FIFO	1	5	15.2	38.08	0	250%	21	20
MIXED	SCHED_FIFO	1	5	15.37	38.39	0	249%	29	20
MIXED	SCHED_FIFO	1	5	15.06	38.43	0.02	255%	29	23
MIXED	SCHED_FIFO	1	5	14.69	37.42	0.06	255%	14	23
MIXED	SCHED_FIFO	1	5	15.85	38.92	0.02	245%	29	19
MIXED	SCHED_FIFO	1	5	15.33	38.92	0	253%	29	19
MIXED	SCHED_FIFO	1	5	15.38	38.48	0.02	250%	29	20
MIXED	SCHED_FIFO	1	5	15.33	38.38	0	250%	29	24
MIXED	SCHED_FIFO	1	5	14.84	36.93	0	248%	28	22
MIXED	SCHED_FIFO	1	5	15.71	38.95	0.01	247%	28	21
MIXED	SCHED_FIFO	1	5	14.74	37.14	0.02	252%	16	22
MIXED	SCHED_FIFO	1	5	15.6	38.77	0.01	248%	29	20
MIXED	SCHED_FIFO	1	5	14.94	37.91	0.02	253%	26	31
MIXED	SCHED_FIFO	1	5	15.27	38.46	0.01	251%	29	25
MIXED	SCHED_FIFO	1	5	15.09	38.42	0.01	254%	29	27
MIXED	SCHED_FIFO	1	5	15.31	37.85	0.02	247%	13	19
MIXED	SCHED_FIFO	1	5	15.16	38.42	0.06	253%	29	23
MIXED	SCHED_FIFO	1	5	15.56	39.17	0	251%	29	21
MIXED	SCHED_FIFO	1	5	15.18	38.36	0.02	252%	29	22
MIXED	SCHED_FIFO	1	5	15.6	38.98	0	249%	29	23
MIXED	SCHED_FIFO	1	5	15.3	38.85	0	253%	29	22
MIXED	SCHED_FIFO	1	5	15.64	39.14	0	250%	29	21
MIXED	SCHED_FIFO	1	5	15.32	38.87	0.01	253%	29	22
MIXED	SCHED_FIFO	1	5	15.59	39.05	0.01	250%	29	19
MIXED	SCHED_FIFO	1	5	15.25	38.52	0.01	252%	29	20
MIXED	SCHED_FIFO	1	5	15.54	38.53	0	247%	29	19
MIXED	SCHED_FIFO	1	5	15.24	38.87	0.01	255%	29	25
MIXED	SCHED_FIFO	1	5	15.27	38.17	0	249%	28	21
MIXED	SCHED_FIFO	1	5	15.23	38.83	0.01	254%	29	23
MIXED	SCHED_FIFO	1	5	15.37	38.54	0	250%	29	23
MIXED	SCHED_FIFO	1	5	15.43	39.93	0.04	259%	29	24
MIXED	SCHED_FIFO	1	5	15.14	38.43	0.01	253%	29	20
MIXED	SCHED_FIFO	1	5	15.4	39.22	0	254%	29	21
MIXED	SCHED_FIFO	1	5	15.27	37.83	0	247%	17	21
MIXED	SCHED_FIFO	1	5	15.21	38	0.01	249%	28	21
MIXED	SCHED_FIFO	1	5	15.09	37.7	0.01	249%	29	19
MIXED	SCHED_FIFO	1	5	15.12	37.75	0.01	249%	28	21
MIXED	SCHED_FIFO	1	5	15.21	38.27	0	251%	29	22
MIXED	SCHED_FIFO	1	5	15.18	38.19	0	251%	29	22

MIXED	SCHED_FIFO	1	5	15.3	38.63	0.01	252%	29	19
MIXED	SCHED_FIFO	1	5	15.2	38.22	0	251%	28	21
MIXED	SCHED_FIFO	1	5	15.19	37.95	0.01	249%	29	21
MIXED	SCHED_FIFO	1	5	15.26	38.67	0.01	253%	29	22
MIXED	SCHED_FIFO	1	5	15.21	38.72	0.02	254%	29	21
MIXED	SCHED_FIFO	1	5	15.5	38.3	0.02	247%	25	19
MIXED	SCHED_FIFO	1	5	15.1	37.82	0.05	250%	24	25
MIXED	SCHED_FIFO	1	5	14.97	37.88	0	253%	13	23
MIXED	SCHED_FIFO	1	5	14.51	36.13	0	248%	13	25
MIXED	SCHED_FIFO	1	5	15.69	39.16	0.02	249%	29	26
MIXED	SCHED_FIFO	1	5	15.41	38.12	0.01	247%	24	21
MIXED	SCHED_FIFO	1	5	15.01	37.51	0.09	250%	17	25
MIXED	SCHED_FIFO	1	5	15.32	37.99	0	247%	29	21
MIXED	SCHED_FIFO	1	5	14.93	38.14	0.02	255%	29	26
MIXED	SCHED_FIFO	1	5	15.34	38.43	0.01	250%	29	22
MIXED	SCHED_FIFO	1	5	15.22	38.5	0.04	253%	29	24
MIXED	SCHED_FIFO	1	5	15.15	38.22	0.02	252%	29	21
MIXED	SCHED_FIFO	1	5	15.54	38.66	0	248%	29	24
MIXED	SCHED_FIFO	1	5	15.29	38.26	0	250%	27	21
MIXED	SCHED_FIFO	1	5	15.49	38.88	0	250%	29	20
MIXED	SCHED_FIFO	1	5	15.25	38.5	0	252%	29	19
MIXED	SCHED_FIFO	1	5	15.56	38.92	0.01	250%	29	21
MIXED	SCHED_FIFO	1	5	15.32	37.35	0	243%	28	20
MIXED	SCHED_FIFO	1	5	14.8	36.43	0.01	246%	25	23
MIXED	SCHED_FIFO	1	5	15.36	38.41	0.01	250%	29	20
MIXED	SCHED_FIFO	1	5	15.06	38.01	0.01	252%	28	20
MIXED	SCHED_FIFO	1	5	15.44	38.71	0.01	250%	29	19
MIXED	SCHED_FIFO	1	5	15.05	38.45	0.02	255%	29	24
MIXED	SCHED_FIFO	1	5	15.45	39.11	0	253%	29	21
MIXED	SCHED_FIFO	1	5	14.97	37.89	0.01	253%	29	25
MIXED	SCHED_FIFO	1	5	15.17	38.71	0	255%	29	25
MIXED	SCHED_FIFO	1	5	15.16	37.9	0.02	250%	25	22
MIXED	SCHED_FIFO	1	5	15.56	39.4	0.02	253%	29	21
MIXED	SCHED_FIFO	1	5	14.58	36.39	0.05	249%	13	23
MIXED	SCHED_FIFO	1	5	15.1	38.02	0.04	252%	18	20
MIXED	SCHED_FIFO	1	5	15.21	38.08	0.02	250%	29	21
MIXED	SCHED_FIFO	1	5	15.35	38.77	0.01	252%	29	19
MIXED	SCHED_FIFO	1	5	15.3	38.57	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.16	37.97	0.04	250%	29	23
MIXED	SCHED_FIFO	1	5	15.17	38.49	0	253%	29	25
MIXED	SCHED_FIFO	1	5	15.36	38.78	0	252%	29	23
MIXED	SCHED_FIFO	1	5	15.1	38.11	0.06	252%	30	26
MIXED	SCHED_FIFO	1	5	15.43	38.62	0	250%	29	19
MIXED	SCHED_FIFO	1	5	15.41	38.46	0.02	249%	29	20
MIXED	SCHED_FIFO	1	5	15.29	39.62	0.04	259%	29	24
MIXED	SCHED_FIFO	1	5	15.5	38.75	0	250%	29	26
MIXED	SCHED_FIFO	1	5	15.14	38.41	0.02	253%	29	26
MIXED	SCHED_FIFO	1	5	15.49	39.3	0.03	253%	29	25
MIXED	SCHED_FIFO	1	5	15.19	38.39	0	252%	29	21
MIXED	SCHED_FIFO	1	5	15.15	38.09	0.02	251%	29	25
MIXED	SCHED_FIFO	1	5	15.19	38.07	0.02	250%	25	21
MIXED	SCHED_FIFO	1	5	15.49	38.32	0	247%	29	22
MIXED	SCHED_FIFO	1	5	15.01	37.81	0	251%	18	24
MIXED	SCHED_FIFO	1	5	15.6	39.1	0	250%	29	24
MIXED	SCHED_FIFO	1	5	15.04	38.36	0.03	255%	29	25
MIXED	SCHED_FIFO	1	5	15.38	39.47	0.05	256%	31	22
MIXED	SCHED_FIFO	1	5	15.05	37.87	0.04	251%	29	25
MIXED	SCHED_FIFO	1	5	15.33	38.83	0.04	253%	30	25
MIXED	SCHED_FIFO	1	5	15.22	38.23	0.08	251%	29	24
MIXED	SCHED_FIFO	1	5	15.67	39.69	0.01	253%	29	21
MIXED	SCHED_FIFO	1	5	15.21	38.82	0.02	255%	29	24
MIXED	SCHED_OTHER	1	5	11.11	38.82	0.3	352%	1845	24
MIXED	SCHED_OTHER	1	5	10.78	38.29	0.2	356%	2772	24
MIXED	SCHED_OTHER	1	5	11.49	38.31	0.11	334%	3025	24
MIXED	SCHED_OTHER	1	5	10.81	38.28	0.2	355%	2443	27
MIXED	SCHED_OTHER	1	5	11.04	39.37	0.08	357%	3375	23
MIXED	SCHED_OTHER	1	5	11.42	38.83	0.33	342%	3308	23
MIXED	SCHED_OTHER	1	5	11.18	40.21	0.34	362%	2701	21

MIXED	SCHED_OTHER	1	5	11.28	39.3	0.15	349%	3676	24
MIXED	SCHED_OTHER	1	5	11.07	40.53	0.25	368%	2764	20
MIXED	SCHED_OTHER	1	5	11.41	39.15	0.29	345%	3274	23
MIXED	SCHED_OTHER	1	5	10.85	39.65	0.05	365%	2452	24
MIXED	SCHED_OTHER	1	5	10.73	37.82	0.1	353%	2804	26
MIXED	SCHED_OTHER	1	5	10.95	38.83	0.17	356%	2472	22
MIXED	SCHED_OTHER	1	5	11.3	39.47	0.27	351%	3261	21
MIXED	SCHED_OTHER	1	5	11.38	39.37	0.26	348%	2192	24
MIXED	SCHED_OTHER	1	5	10.46	38.71	0.22	372%	2670	21
MIXED	SCHED_OTHER	1	5	10.94	39.54	0.25	363%	2280	24
MIXED	SCHED_OTHER	1	5	10.77	38.62	0.08	359%	2738	25
MIXED	SCHED_OTHER	1	5	11.66	40.03	0.01	343%	1679	22
MIXED	SCHED_OTHER	1	5	11.06	39.29	0.09	355%	3279	23
MIXED	SCHED_OTHER	1	5	10.89	40.77	0.02	374%	1943	21
MIXED	SCHED_OTHER	1	5	11.75	40.55	0.09	345%	3306	19
MIXED	SCHED_OTHER	1	5	11.34	41.68	0.05	367%	2678	20
MIXED	SCHED_OTHER	1	5	11.53	40.33	0.03	350%	1955	20
MIXED	SCHED_OTHER	1	5	10.78	38.43	0.06	357%	2660	22
MIXED	SCHED_OTHER	1	5	10.43	38.39	0.04	368%	2127	21
MIXED	SCHED_OTHER	1	5	10.84	38.56	0.05	356%	2450	24
MIXED	SCHED_OTHER	1	5	10.28	38.48	0.06	374%	2656	20
MIXED	SCHED_OTHER	1	5	11.99	41.68	0.11	348%	3492	24
MIXED	SCHED_OTHER	1	5	10.22	37.42	0.06	366%	2126	19
MIXED	SCHED_OTHER	1	5	11.25	38.18	0.01	339%	1974	21
MIXED	SCHED_OTHER	1	5	11.51	41.86	0.08	364%	3412	23
MIXED	SCHED_OTHER	1	5	11.58	41.58	0.04	359%	2760	20
MIXED	SCHED_OTHER	1	5	11.78	41.38	0.02	351%	1926	20
MIXED	SCHED_OTHER	1	5	11.5	41.46	0.09	361%	2869	22
MIXED	SCHED_OTHER	1	5	11.42	41.75	0.04	365%	2748	19
MIXED	SCHED_OTHER	1	5	11.61	43.08	0.03	371%	1864	23
MIXED	SCHED_OTHER	1	5	10.93	39.89	0.02	365%	2520	22
MIXED	SCHED_OTHER	1	5	10.97	39.87	0.04	363%	1854	21
MIXED	SCHED_OTHER	1	5	11.47	40.43	0.09	353%	2473	22
MIXED	SCHED_OTHER	1	5	11.63	41.27	0.06	355%	2311	22
MIXED	SCHED_OTHER	1	5	11.46	40.66	0.08	355%	3345	22
MIXED	SCHED_OTHER	1	5	11.73	42.49	0.04	362%	2369	20
MIXED	SCHED_OTHER	1	5	11.94	43.27	0.06	362%	2705	25
MIXED	SCHED_OTHER	1	5	11.55	41.81	0.08	362%	2691	20
MIXED	SCHED_OTHER	1	5	11.22	41.98	0.05	374%	1917	22
MIXED	SCHED_OTHER	1	5	11.66	40.99	0.1	352%	3188	21
MIXED	SCHED_OTHER	1	5	11.04	40.07	0.07	363%	2557	23
MIXED	SCHED_OTHER	1	5	11.53	40.9	0.02	354%	2029	20
MIXED	SCHED_OTHER	1	5	10.61	38.29	0.1	361%	3347	24
MIXED	SCHED_OTHER	1	5	11.41	41.79	0.05	366%	2572	24
MIXED	SCHED_OTHER	1	5	12.11	42.5	0.07	351%	3039	23
MIXED	SCHED_OTHER	1	5	12.12	43.82	0.09	362%	2677	19
MIXED	SCHED_OTHER	1	5	11.57	42.65	0.02	368%	2464	20
MIXED	SCHED_OTHER	1	5	11.36	40.69	0.05	358%	3132	22
MIXED	SCHED_OTHER	1	5	11.47	41.75	0.04	364%	2403	20
MIXED	SCHED_OTHER	1	5	11.61	41.03	0.09	354%	3000	23
MIXED	SCHED_OTHER	1	5	11.74	41.81	0.04	356%	2359	20
MIXED	SCHED_OTHER	1	5	11.15	41.61	0.04	373%	2300	24
MIXED	SCHED_OTHER	1	5	11.02	38.99	0.15	355%	4321	22
MIXED	SCHED_OTHER	1	5	11.44	41.81	0.08	366%	2323	21
MIXED	SCHED_OTHER	1	5	11.29	40.92	0.04	362%	2133	21
MIXED	SCHED_OTHER	1	5	11.41	41.08	0.07	360%	3658	24
MIXED	SCHED_OTHER	1	5	11.39	40.72	0	357%	1513	22
MIXED	SCHED_OTHER	1	5	11.86	40.96	0.02	345%	2270	26
MIXED	SCHED_OTHER	1	5	11.21	41.7	0.04	372%	2568	20
MIXED	SCHED_OTHER	1	5	11.28	41.09	0.03	364%	2320	25
MIXED	SCHED_OTHER	1	5	12.01	40.88	0.09	341%	3045	25
MIXED	SCHED_OTHER	1	5	11.1	41.06	0.04	370%	2804	23
MIXED	SCHED_OTHER	1	5	11.44	40.48	0.04	354%	2138	21
MIXED	SCHED_OTHER	1	5	11.85	39.35	0.05	332%	2461	23
MIXED	SCHED_OTHER	1	5	11.28	41.17	0.04	365%	2551	19
MIXED	SCHED_OTHER	1	5	10.87	40.27	0.03	370%	1710	20
MIXED	SCHED_OTHER	1	5	10.94	38.84	0.08	355%	2527	23
MIXED	SCHED_OTHER	1	5	11.73	42.07	0.06	359%	2785	22

MIXED	SCHED_OTHER	1	5	12.03	42.85	0.04	356%	2304	21
MIXED	SCHED_OTHER	1	5	11.65	42.57	0.04	365%	2269	26
MIXED	SCHED_OTHER	1	5	11.58	42.4	0.07	366%	2922	19
MIXED	SCHED_OTHER	1	5	10.09	37.96	0.02	376%	1792	20
MIXED	SCHED_OTHER	1	5	12.01	42.85	0.13	357%	2844	24
MIXED	SCHED_OTHER	1	5	11.66	42.02	0.06	360%	2203	23
MIXED	SCHED_OTHER	1	5	11.48	42.55	0.02	370%	1872	20
MIXED	SCHED_OTHER	1	5	11.71	42.23	0.09	361%	2742	22
MIXED	SCHED_OTHER	1	5	11.72	39.94	0.03	340%	2609	27
MIXED	SCHED_OTHER	1	5	11.78	42.69	0.05	362%	2456	25
MIXED	SCHED_OTHER	1	5	10.89	39.37	0.06	362%	2886	22
MIXED	SCHED_OTHER	1	5	11.28	41.12	0.04	364%	2368	21
MIXED	SCHED_OTHER	1	5	11.18	39.49	0.08	353%	2414	23
MIXED	SCHED_OTHER	1	5	11.2	39.98	0.07	357%	2466	20
MIXED	SCHED_OTHER	1	5	11.34	41.41	0.03	365%	2246	22
MIXED	SCHED_OTHER	1	5	12.41	41.78	0.08	337%	2929	23
MIXED	SCHED_OTHER	1	5	11	41.49	0.01	377%	2633	21
MIXED	SCHED_OTHER	1	5	11.15	41.99	0.01	376%	2084	19
MIXED	SCHED_OTHER	1	5	11.46	41.85	0.09	366%	3489	20
MIXED	SCHED_OTHER	1	5	11.2	40.8	0.02	364%	2144	22
MIXED	SCHED_OTHER	1	5	11.12	38.81	0.1	349%	2905	21
MIXED	SCHED_OTHER	1	5	11.72	41.32	0.04	352%	1998	20
MIXED	SCHED_OTHER	1	5	11.42	40.86	0.07	358%	3570	21
MIXED	SCHED_OTHER	1	5	11.28	41.79	0.02	370%	1996	24
MIXED	SCHED_OTHER	1	5	11.45	38.1	0.06	333%	3091	23
MIXED	SCHED_OTHER	1	5	10.5	38.63	0.03	368%	2144	20
MIXED	SCHED_OTHER	1	5	10.14	37.75	0.04	372%	2060	21
MIXED	SCHED_OTHER	1	5	10.48	37.82	0.03	361%	1875	23
MIXED	SCHED_OTHER	1	5	10.97	38.1	0.07	347%	2441	23
MIXED	SCHED_OTHER	1	5	10.7	37.89	0.07	354%	2685	24
MIXED	SCHED_OTHER	1	5	11.06	41.19	0.05	372%	2636	20
MIXED	SCHED_OTHER	1	5	10.48	37.67	0.06	360%	2350	21
MIXED	SCHED_OTHER	1	5	10.51	38.14	0.11	363%	3168	21
MIXED	SCHED_OTHER	1	5	11.74	42.45	0.03	361%	2119	23
MIXED	SCHED_OTHER	1	5	11.36	42.83	0.03	377%	2039	24
MIXED	SCHED_OTHER	1	5	11.21	40.24	0.1	359%	3430	24
MIXED	SCHED_OTHER	1	5	11.46	42.43	0.07	370%	2641	22
MIXED	SCHED_OTHER	1	5	12.12	42.6	0.02	351%	1618	19
MIXED	SCHED_OTHER	1	5	11.22	40.59	0.08	362%	3024	22
MIXED	SCHED_OTHER	1	5	11.18	41.27	0.04	369%	2399	21
MIXED	SCHED_OTHER	1	5	10.82	39.57	0.07	366%	2307	21
MIXED	SCHED_OTHER	1	5	11.02	39.99	0.06	363%	2181	21
MIXED	SCHED_OTHER	1	5	11.3	41.68	0.05	369%	2665	22
MIXED	SCHED_OTHER	1	5	11.41	41.27	0.06	362%	3658	22
MIXED	SCHED_OTHER	1	5	11.6	42.89	0.03	370%	1933	19
MIXED	SCHED_OTHER	1	5	11.67	42.33	0.08	363%	2672	26
MIXED	SCHED_OTHER	1	5	11.55	41.07	0.05	355%	2508	23
MIXED	SCHED_OTHER	1	5	11.4	43.03	0.03	377%	2262	21
MIXED	SCHED_OTHER	1	5	11.68	42.22	0.06	362%	2581	21
MIXED	SCHED_OTHER	1	5	11.25	40.64	0.07	361%	2277	21
MIXED	SCHED_OTHER	1	5	11.1	39.38	0.07	355%	3003	21
MIXED	SCHED_OTHER	1	5	10.4	38.65	0.03	371%	1749	25
MIXED	SCHED_OTHER	1	5	10.98	39.96	0.02	364%	1700	21
MIXED	SCHED_OTHER	1	5	11.15	39.09	0.08	351%	2788	22
MIXED	SCHED_OTHER	1	5	10.59	38.66	0.04	365%	1813	23
MIXED	SCHED_OTHER	1	5	10.97	40.53	0.09	370%	3895	25
MIXED	SCHED_OTHER	1	5	10.54	38.51	0.04	365%	2289	20
MIXED	SCHED_OTHER	1	5	10.9	39.63	0.02	363%	1957	21
MIXED	SCHED_OTHER	1	5	10.66	39.42	0.06	370%	2773	21
MIXED	SCHED_OTHER	1	5	10.62	39.44	0.02	371%	2140	23
MIXED	SCHED_OTHER	1	5	10.92	40.63	0.05	372%	2017	19
MIXED	SCHED_OTHER	1	5	12.03	42.64	0.08	354%	3151	23
MIXED	SCHED_OTHER	1	5	10.84	39.56	0.02	365%	1957	19
MIXED	SCHED_OTHER	1	5	10.65	38.53	0.04	362%	2036	24
MIXED	SCHED_OTHER	1	5	11.24	38.54	0.04	343%	3067	30
MIXED	SCHED_OTHER	1	5	11.56	41.86	0.05	362%	2670	19
MIXED	SCHED_OTHER	1	5	11.74	42.58	0.12	363%	3480	21
MIXED	SCHED_OTHER	1	5	11.76	42.29	0.06	359%	2296	21

MIXED	SCHED_OTHER	1	5	11.78	41.87	0.07	355%	2830	24
MIXED	SCHED_OTHER	1	5	11.7	41	0.07	350%	2627	21
MIXED	SCHED_OTHER	1	5	11.51	42.88	0.03	372%	2083	21
MIXED	SCHED_OTHER	1	5	11.5	41.19	0.03	358%	2211	24
MIXED	SCHED_OTHER	1	5	11.35	39.8	0.03	350%	2009	25
MIXED	SCHED_OTHER	1	5	11.34	40.51	0.05	357%	2117	20
MIXED	SCHED_OTHER	1	5	11.66	40.53	0.05	347%	2731	22
MIXED	SCHED_OTHER	1	5	10.87	39.65	0.03	365%	2402	23
MIXED	SCHED_OTHER	1	5	11.19	40.28	0.08	360%	2912	23
MIXED	SCHED_OTHER	1	5	10.8	40	0.05	370%	2141	22
MIXED	SCHED_OTHER	1	5	10.64	38.34	0.04	360%	2031	24
MIXED	SCHED_OTHER	1	5	12.02	43.25	0.06	360%	2224	20
MIXED	SCHED_OTHER	1	5	11.29	40.24	0.1	357%	3897	23
MIXED	SCHED_OTHER	1	5	11.51	41.23	0.04	358%	2008	22
MIXED	SCHED_OTHER	1	5	11.71	43.31	0.03	369%	2118	21
MIXED	SCHED_OTHER	1	5	12.1	43.11	0.08	356%	3193	22
MIXED	SCHED_OTHER	1	5	11.41	41.79	0.03	366%	2045	20
MIXED	SCHED_OTHER	1	5	11.33	42.14	0.04	372%	1788	21
MIXED	SCHED_OTHER	1	5	11.2	39.68	0.06	354%	3055	24
MIXED	SCHED_OTHER	1	5	11.55	42.11	0.03	364%	1987	18
MIXED	SCHED_OTHER	1	5	12.07	42.22	0.04	349%	2149	22
MIXED	SCHED_OTHER	1	5	11.69	40.65	0.07	348%	3152	22
MIXED	SCHED_OTHER	1	5	11.48	41.76	0.04	364%	2216	19
MIXED	SCHED_OTHER	1	5	11.78	42.93	0.03	364%	2408	21
MIXED	SCHED_OTHER	1	5	12.03	42.19	0.1	351%	2985	24
MIXED	SCHED_OTHER	1	5	11.36	42.53	0.02	374%	1977	21
MIXED	SCHED_OTHER	1	5	11.95	42.66	0.03	357%	1883	18
MIXED	SCHED_OTHER	1	5	11.63	41.03	0.09	353%	2491	23
MIXED	SCHED_OTHER	1	5	11.12	41.78	0.05	376%	2114	19
MIXED	SCHED_OTHER	1	5	11.06	39.99	0.09	362%	2821	25
MIXED	SCHED_OTHER	1	5	11.14	39.53	0.04	354%	2329	23
MIXED	SCHED_OTHER	1	5	11.91	42.47	0.02	356%	2556	19
MIXED	SCHED_OTHER	1	5	11.05	40.25	0.07	364%	2726	22
MIXED	SCHED_OTHER	1	5	11.72	39.97	0.05	341%	1825	25
MIXED	SCHED_OTHER	1	5	11.28	41.04	0.06	364%	2958	23
MIXED	SCHED_OTHER	1	5	11.7	41.29	0.02	353%	2718	24
MIXED	SCHED_OTHER	1	5	11.06	40.69	0.07	368%	2778	24
MIXED	SCHED_OTHER	1	5	11.91	42.51	0.03	357%	2414	19
MIXED	SCHED_OTHER	1	5	11.2	39.86	0.08	356%	2646	24
MIXED	SCHED_OTHER	1	5	11.09	41.02	0.07	370%	2014	19
MIXED	SCHED_OTHER	1	5	12.01	43.17	0.03	359%	2116	20
MIXED	SCHED_OTHER	1	5	11.82	41.97	0.1	355%	3002	24
MIXED	SCHED_OTHER	1	5	11.14	40.68	0.06	365%	2955	20
MIXED	SCHED_OTHER	1	5	11.6	39.91	0.04	344%	1826	19
MIXED	SCHED_OTHER	1	5	10.81	39.21	0.02	362%	2136	23
MIXED	SCHED_OTHER	1	5	10.76	39.61	0.05	368%	2496	23
MIXED	SCHED_OTHER	1	5	11.13	40.18	0.03	361%	2046	22
MIXED	SCHED_OTHER	1	5	11.02	39.55	0.09	359%	3027	23
MIXED	SCHED_OTHER	1	5	11.81	42.76	0.04	362%	2477	21
MIXED	SCHED_OTHER	1	5	10.8	37.92	0.06	351%	2608	23
MIXED	SCHED_OTHER	1	5	10.3	38.55	0.05	374%	3030	24
MIXED	SCHED_OTHER	1	5	10.88	39.11	0.04	359%	2335	21
MIXED	SCHED_OTHER	1	5	10.6	38	0.13	359%	3083	23
MIXED	SCHED_OTHER	1	5	11.7	42.55	0.04	364%	2277	22
MIXED	SCHED_OTHER	1	5	10.26	37.91	0.02	369%	2099	20
MIXED	SCHED_OTHER	1	5	11.11	37.97	0.09	342%	2796	22
MIXED	SCHED_OTHER	1	5	11.03	37.99	0.02	344%	2057	20
MIXED	SCHED_OTHER	1	5	11.8	42.24	0.05	358%	2295	20
MIXED	SCHED_OTHER	1	5	11.3	40.37	0.09	358%	2856	21
MIXED	SCHED_OTHER	1	5	11.69	42.13	0.01	360%	2433	24
MIXED	SCHED_OTHER	1	5	11.97	42.49	0.04	355%	1974	20
MIXED	SCHED_OTHER	1	5	10.73	39.15	0.07	365%	3059	20
MIXED	SCHED_OTHER	1	5	11.22	40.89	0.06	364%	2414	20
MIXED	SCHED_OTHER	1	5	11.52	42.08	0.04	365%	1943	21
MIXED	SCHED_OTHER	1	5	11.22	38.95	0.06	347%	3046	23
MIXED	SCHED_OTHER	1	5	11.49	42.05	0.02	366%	2053	23
MIXED	SCHED_OTHER	1	5	11.25	40.17	0.05	357%	2607	25
MIXED	SCHED_OTHER	1	5	11	41.1	0.02	373%	2345	20

MIXED	SCHED_OTHER	1	5	11.05	41.26	0.07	373%	3013	21
MIXED	SCHED_OTHER	1	5	11.65	43.13	0.06	370%	2364	21
MIXED	SCHED_OTHER	1	5	11.6	41.18	0.1	355%	3155	20
MIXED	SCHED_OTHER	1	5	11.85	42.69	0.05	360%	2600	20
MIXED	SCHED_OTHER	1	5	11.89	43.19	0.06	363%	2388	19
MIXED	SCHED_OTHER	1	5	11.75	42.07	0.07	358%	2663	23
MIXED	SCHED_OTHER	1	5	12.28	43.39	0.04	353%	2492	24
MIXED	SCHED_OTHER	1	5	11.85	43.36	0.03	366%	1986	22
MIXED	SCHED_OTHER	1	5	12.11	41.23	0.11	341%	3034	22
MIXED	SCHED_OTHER	1	5	11.85	43.19	0.05	364%	2222	21
MIXED	SCHED_OTHER	1	5	11.43	41.66	0.02	364%	1928	20
MIXED	SCHED_OTHER	1	5	11.32	38.68	0.09	342%	3747	23
MIXED	SCHED_OTHER	1	5	11.16	40.92	0.04	367%	2232	19
MIXED	SCHED_OTHER	1	5	12.01	42.19	0.05	351%	2803	24
MIXED	SCHED_OTHER	1	5	11.5	42.64	0.07	371%	2883	20
MIXED	SCHED_OTHER	1	5	11.26	42.61	0.03	378%	1898	21
MIXED	SCHED_OTHER	1	5	11.67	42.32	0.08	363%	2696	20
MIXED	SCHED_OTHER	1	5	11.66	41.88	0.06	359%	3097	21
MIXED	SCHED_OTHER	1	5	11.59	42.87	0.04	369%	2694	20
MIXED	SCHED_OTHER	1	5	12.46	42.09	0.08	338%	3427	23
MIXED	SCHED_OTHER	1	5	11.88	43.39	0.03	365%	2600	23
MIXED	SCHED_OTHER	1	5	11.52	41.99	0.09	365%	3230	25
MIXED	SCHED_OTHER	1	5	11.66	42.83	0.02	367%	1853	21
MIXED	SCHED_OTHER	1	5	11.58	42.91	0.07	370%	2621	23
MIXED	SCHED_OTHER	1	5	11.76	42.92	0.02	365%	2290	23
MIXED	SCHED_OTHER	1	5	11.86	43.12	0.06	364%	2134	19
MIXED	SCHED_OTHER	1	5	11.91	42.61	0.07	358%	2603	21
MIXED	SCHED_OTHER	1	5	12.02	42.05	0.05	350%	2443	20
MIXED	SCHED_OTHER	1	5	11.34	41.96	0.02	370%	1873	20
MIXED	SCHED_OTHER	1	5	10.72	38.28	0.07	357%	2899	25
MIXED	SCHED_OTHER	1	5	11.62	41.94	0.07	361%	2139	20
MIXED	SCHED_OTHER	1	5	11.61	43.12	0.02	371%	1913	19
MIXED	SCHED_OTHER	1	5	11.13	38.41	0.04	345%	2554	22
MIXED	SCHED_OTHER	1	5	10.96	41.2	0.05	376%	2480	21
MIXED	SCHED_OTHER	1	5	10.93	40.8	0.09	373%	2378	22
MIXED	SCHED_OTHER	1	5	11.52	41.94	0.05	364%	2043	20
MIXED	SCHED_OTHER	1	5	11.44	42.07	0.03	367%	2049	21
MIXED	SCHED_OTHER	1	5	11.79	40.79	0.12	347%	3357	24
MIXED	SCHED_OTHER	1	5	11.91	42.05	0.05	353%	1842	22
MIXED	SCHED_OTHER	1	5	12.45	43.35	0.06	348%	2624	20
MIXED	SCHED_OTHER	1	5	12.07	43.56	0.04	361%	2493	22
MIXED	SCHED_OTHER	1	5	11.45	43.12	0.02	376%	1823	21
MIXED	SCHED_OTHER	1	5	11.25	41.35	0.03	367%	1798	20
MIXED	SCHED_OTHER	1	5	11.41	40.8	0.04	357%	3750	23
MIXED	SCHED_OTHER	1	5	10.84	39.82	0.04	367%	1947	21
MIXED	SCHED_OTHER	1	5	10.68	37.72	0.09	354%	2246	23
MIXED	SCHED_OTHER	1	5	11.07	38.55	0.08	348%	2277	22
MIXED	SCHED_OTHER	1	5	11.38	41.05	0.05	361%	1910	19
MIXED	SCHED_OTHER	1	5	12.49	43.67	0.06	350%	2778	20
MIXED	SCHED_OTHER	1	5	12.01	43.08	0.03	359%	2211	22
MIXED	SCHED_OTHER	1	5	11.65	41.85	0.06	359%	2762	20
MIXED	SCHED_OTHER	1	5	11.72	42	0.08	359%	2719	20
MIXED	SCHED_OTHER	1	5	11.22	41.85	0.03	373%	2182	19
MIXED	SCHED_OTHER	1	5	12.04	41.83	0.1	348%	3247	21
MIXED	SCHED_OTHER	1	5	11.74	42.93	0.02	365%	1849	20
MIXED	SCHED_OTHER	1	5	11.65	40.8	0.05	350%	2388	24
MIXED	SCHED_OTHER	1	5	12.01	41.83	0.06	348%	2230	23
MIXED	SCHED_OTHER	1	5	11.27	40.66	0.11	361%	2856	22
MIXED	SCHED_OTHER	1	5	11.3	41.96	0.05	371%	2582	24
MIXED	SCHED_OTHER	1	5	11.24	38.5	0.04	342%	2545	25
MIXED	SCHED_OTHER	1	5	10.95	38.48	0.08	352%	3198	23
MIXED	SCHED_OTHER	1	5	10.46	39.21	0.04	375%	1961	22
MIXED	SCHED_OTHER	1	5	10.96	41.03	0.07	374%	2065	22
MIXED	SCHED_OTHER	1	5	11.04	39.83	0.07	361%	3026	23
MIXED	SCHED_OTHER	1	5	11.56	41.69	0.03	360%	2048	25
MIXED	SCHED_OTHER	1	5	11.27	41.28	0.06	366%	3124	23
MIXED	SCHED_OTHER	1	5	11.02	40.1	0.04	364%	2761	25
MIXED	SCHED_OTHER	1	5	11.46	41.55	0.04	362%	2400	23

MIXED	SCHED_OTHER	1	5	11.85	41.17	0.08	347%	3032	22
MIXED	SCHED_OTHER	1	5	11.52	42.54	0.07	369%	2765	22
MIXED	SCHED_OTHER	1	5	11.68	41.87	0.04	358%	2393	20
MIXED	SCHED_OTHER	1	5	10.72	38.42	0.06	358%	2001	23
MIXED	SCHED_OTHER	1	5	11.36	41.02	0.03	361%	1693	21
MIXED	SCHED_OTHER	1	5	11.83	39.55	0.09	335%	3011	25
MIXED	SCHED_OTHER	1	5	11.33	40.65	0.03	358%	2530	23
MIXED	SCHED_OTHER	1	5	11.06	40.85	0.04	369%	1971	20
MIXED	SCHED_OTHER	1	5	10.63	38.48	0.08	362%	3429	25
MIXED	SCHED_OTHER	1	5	10.41	38.29	0.02	367%	1881	21
MIXED	SCHED_OTHER	1	5	10.1	37.68	0.02	373%	1845	21
MIXED	SCHED_OTHER	1	5	10.72	39.3	0.06	367%	2520	18
MIXED	SCHED_OTHER	1	5	10.36	38.53	0.05	372%	1885	20
MIXED	SCHED_OTHER	1	5	10.19	37.94	0.02	372%	1622	21
MIXED	SCHED_OTHER	1	5	11.79	41.93	0.08	356%	2486	23
MIXED	SCHED_OTHER	1	5	11.54	42.16	0.04	365%	1873	19
MIXED	SCHED_OTHER	1	5	12.04	41.29	0.09	343%	3298	24
MIXED	SCHED_OTHER	1	5	11.65	42.6	0.05	365%	2204	20
MIXED	SCHED_OTHER	1	5	11.83	42.64	0.04	360%	2556	20
MIXED	SCHED_OTHER	1	5	11.84	43.22	0.08	365%	3031	25
MIXED	SCHED_OTHER	1	5	10.64	39.74	0.06	374%	2429	19
MIXED	SCHED_RR	1	5	13.56	39.57	0	291%	113	21
MIXED	SCHED_RR	1	5	12.18	37.43	0.03	307%	75	21
MIXED	SCHED_RR	1	5	12.45	39.48	0.02	317%	104	21
MIXED	SCHED_RR	1	5	12.71	37.16	0	292%	96	24
MIXED	SCHED_RR	1	5	12.12	37.18	0.03	306%	102	22
MIXED	SCHED_RR	1	5	11.89	37.86	0.05	318%	99	24
MIXED	SCHED_RR	1	5	13.54	38.95	0	287%	108	23
MIXED	SCHED_RR	1	5	13.4	38.4	0	286%	105	23
MIXED	SCHED_RR	1	5	13.68	38.65	0.04	282%	113	27
MIXED	SCHED_RR	1	5	14.19	38.2	0	269%	96	24
MIXED	SCHED_RR	1	5	12.49	38.78	0.02	310%	111	22
MIXED	SCHED_RR	1	5	13.84	38.48	0	278%	81	22
MIXED	SCHED_RR	1	5	13.81	37.48	0.01	271%	83	25
MIXED	SCHED_RR	1	5	12.96	38.92	0.01	300%	103	22
MIXED	SCHED_RR	1	5	12.75	38.13	0.04	299%	100	24
MIXED	SCHED_RR	1	5	13.63	39.67	0.01	291%	112	20
MIXED	SCHED_RR	1	5	12.03	36.63	0.12	305%	69	26
MIXED	SCHED_RR	1	5	12.47	39.21	0	314%	104	23
MIXED	SCHED_RR	1	5	13.48	38.35	0.01	284%	110	24
MIXED	SCHED_RR	1	5	13.76	37.8	0.01	274%	89	24
MIXED	SCHED_RR	1	5	13.51	38.68	0	286%	108	20
MIXED	SCHED_RR	1	5	12.65	39.35	0.01	311%	109	22
MIXED	SCHED_RR	1	5	12.74	39.21	0.02	307%	114	21
MIXED	SCHED_RR	1	5	12.76	37.97	0	297%	75	23
MIXED	SCHED_RR	1	5	12.52	38.69	0	308%	109	22
MIXED	SCHED_RR	1	5	14.11	38.61	0.01	273%	98	22
MIXED	SCHED_RR	1	5	13.16	38.5	0.01	292%	102	21
MIXED	SCHED_RR	1	5	14.04	38.39	0.02	273%	101	21
MIXED	SCHED_RR	1	5	12.22	37.57	0.03	307%	77	21
MIXED	SCHED_RR	1	5	14.16	38.49	0.02	271%	104	19
MIXED	SCHED_RR	1	5	13.51	39.13	0.02	289%	86	24
MIXED	SCHED_RR	1	5	14.16	38.35	0.04	271%	101	22
MIXED	SCHED_RR	1	5	14.17	38.89	0.01	274%	97	25
MIXED	SCHED_RR	1	5	14.11	38.13	0.03	270%	93	20
MIXED	SCHED_RR	1	5	12.7	37.7	0.02	296%	76	25
MIXED	SCHED_RR	1	5	12.15	38.16	0.04	314%	77	22
MIXED	SCHED_RR	1	5	12.06	36.5	0.02	302%	79	21
MIXED	SCHED_RR	1	5	13.44	38.45	0.01	286%	107	20
MIXED	SCHED_RR	1	5	13.37	38.12	0	285%	106	23
MIXED	SCHED_RR	1	5	14.02	39.02	0.01	278%	98	23
MIXED	SCHED_RR	1	5	13.81	37.89	0.04	274%	95	25
MIXED	SCHED_RR	1	5	14.49	39.53	0.01	272%	102	21
MIXED	SCHED_RR	1	5	12.15	38.43	0.05	316%	103	24
MIXED	SCHED_RR	1	5	12.22	38.95	0.04	319%	104	23
MIXED	SCHED_RR	1	5	13.89	38.1	0.04	274%	96	22
MIXED	SCHED_RR	1	5	12.22	39	0.02	319%	104	21
MIXED	SCHED_RR	1	5	14.07	38.48	0	273%	96	21

MIXED	SCHED_RR	1	5	13.9	38.38	0.02	276%	94	21
MIXED	SCHED_RR	1	5	12.39	38.27	0	308%	77	21
MIXED	SCHED_RR	1	5	12.43	38.23	0.01	307%	108	26
MIXED	SCHED_RR	1	5	14.42	39.34	0	272%	102	23
MIXED	SCHED_RR	1	5	12.88	37.66	0.02	292%	101	24
MIXED	SCHED_RR	1	5	12.9	37.77	0	292%	80	24
MIXED	SCHED_RR	1	5	12.71	36.22	0	284%	98	20
MIXED	SCHED_RR	1	5	12.37	38.23	0.01	308%	105	22
MIXED	SCHED_RR	1	5	12.56	38.74	0.01	308%	85	20
MIXED	SCHED_RR	1	5	14.11	38.26	0.02	271%	100	25
MIXED	SCHED_RR	1	5	13.78	37.85	0.02	274%	95	23
MIXED	SCHED_RR	1	5	14.01	38.39	0	274%	62	40
MIXED	SCHED_RR	1	5	14.18	38.9	0.05	274%	103	25
MIXED	SCHED_RR	1	5	14.45	38.63	0.02	267%	97	24
MIXED	SCHED_RR	1	5	12.89	39.75	0.04	308%	109	21
MIXED	SCHED_RR	1	5	13.41	38.79	0.03	289%	112	25
MIXED	SCHED_RR	1	5	13.34	38.95	0	292%	104	22
MIXED	SCHED_RR	1	5	12.6	38.93	0	309%	91	24
MIXED	SCHED_RR	1	5	12.15	38.99	0	320%	98	22
MIXED	SCHED_RR	1	5	12.06	38.47	0	318%	104	27
MIXED	SCHED_RR	1	5	13.5	39.33	0	291%	110	22
MIXED	SCHED_RR	1	5	12.43	39.11	0.01	314%	105	24
MIXED	SCHED_RR	1	5	13.25	37.41	0.03	282%	83	22
MIXED	SCHED_RR	1	5	13.29	38.46	0.01	289%	109	23
MIXED	SCHED_RR	1	5	13.92	38.27	0.02	274%	95	20
MIXED	SCHED_RR	1	5	13.45	38.06	0.02	283%	87	25
MIXED	SCHED_RR	1	5	11.89	38	0.06	320%	100	21
MIXED	SCHED_RR	1	5	13.57	39.61	0.01	291%	112	26
MIXED	SCHED_RR	1	5	12.79	38.57	0.02	301%	99	25
MIXED	SCHED_RR	1	5	13.6	38.9	0	286%	113	22
MIXED	SCHED_RR	1	5	13.25	38.19	0.01	288%	100	19
MIXED	SCHED_RR	1	5	12.78	38.98	0.05	305%	112	23
MIXED	SCHED_RR	1	5	12.97	38.18	0	294%	102	20
MIXED	SCHED_RR	1	5	13.9	38.63	0	277%	97	23
MIXED	SCHED_RR	1	5	12.85	39.51	0.01	307%	98	22
MIXED	SCHED_RR	1	5	12	38.59	0.03	321%	96	23
MIXED	SCHED_RR	1	5	14.26	39.21	0.03	275%	99	20
MIXED	SCHED_RR	1	5	13.17	37.14	0	281%	81	23
MIXED	SCHED_RR	1	5	12.77	39.86	0.02	312%	111	23
MIXED	SCHED_RR	1	5	12.9	38.27	0.02	296%	97	23
MIXED	SCHED_RR	1	5	13.77	39.74	0	288%	115	22
MIXED	SCHED_RR	1	5	13.34	37.85	0	283%	107	20
MIXED	SCHED_RR	1	5	12.15	39.43	0.03	324%	97	23
MIXED	SCHED_RR	1	5	14.17	39.31	0	277%	100	21
MIXED	SCHED_RR	1	5	12.71	39.66	0	312%	112	22
MIXED	SCHED_RR	1	5	13.12	38.56	0.01	293%	101	20
MIXED	SCHED_RR	1	5	13.62	38.71	0	284%	92	23
MIXED	SCHED_RR	1	5	12.95	38.29	0.02	295%	78	22
MIXED	SCHED_RR	1	5	14.23	38.77	0.02	272%	101	23
MIXED	SCHED_RR	1	5	12.99	38.93	0.02	299%	104	26
MIXED	SCHED_RR	1	5	12.23	38.21	0.04	312%	103	24
MIXED	SCHED_RR	1	5	13.56	38.78	0	285%	106	23
MIXED	SCHED_RR	1	5	13.85	38.35	0.09	277%	93	25
MIXED	SCHED_RR	1	5	12.59	40.14	0.01	318%	109	24
MIXED	SCHED_RR	1	5	12.82	37.46	0.04	292%	101	28
MIXED	SCHED_RR	1	5	13.31	38.84	0.02	291%	108	24
MIXED	SCHED_RR	1	5	12.7	37.37	0.03	294%	98	28
MIXED	SCHED_RR	1	5	14.34	38.89	0	271%	96	23
MIXED	SCHED_RR	1	5	13.36	38.01	0	284%	101	22
MIXED	SCHED_RR	1	5	13.26	38.7	0.02	292%	107	23
MIXED	SCHED_RR	1	5	13.91	38.53	0.04	277%	99	23
MIXED	SCHED_RR	1	5	13.17	38.61	0.09	293%	106	21
MIXED	SCHED_RR	1	5	12.14	38.55	0.01	317%	103	23
MIXED	SCHED_RR	1	5	13.12	38.01	0.01	289%	98	25
MIXED	SCHED_RR	1	5	13.05	38.77	0.02	297%	105	26
MIXED	SCHED_RR	1	5	13.6	38.76	0	284%	89	24
MIXED	SCHED_RR	1	5	13.35	39.14	0	293%	106	23
MIXED	SCHED_RR	1	5	14.01	38.1	0.02	272%	102	24

MIXED	SCHED_RR	1	5	13.26	39.07	0.02	294%	104	21
MIXED	SCHED_RR	1	5	13.27	38.85	0	292%	110	21
MIXED	SCHED_RR	1	5	14.11	37.15	0.02	263%	99	29
MIXED	SCHED_RR	1	5	12.99	36.88	0	283%	96	23
MIXED	SCHED_RR	1	5	13.05	38.49	0.01	294%	100	22
MIXED	SCHED_RR	1	5	11.8	38.58	0	326%	97	24
MIXED	SCHED_RR	1	5	13.47	38.68	0	287%	110	21
MIXED	SCHED_RR	1	5	12.47	38.67	0.05	310%	107	24
MIXED	SCHED_RR	1	5	13.9	38.24	0.12	275%	94	24
MIXED	SCHED_RR	1	5	14.05	38.44	0.02	273%	95	25
MIXED	SCHED_RR	1	5	13.91	38.85	0.01	279%	96	21
MIXED	SCHED_RR	1	5	14.08	38.29	0	271%	97	20
MIXED	SCHED_RR	1	5	12.24	38.73	0.02	316%	106	26
MIXED	SCHED_RR	1	5	13.25	38.79	0	292%	106	20
MIXED	SCHED_RR	1	5	14.12	40.39	0	285%	118	23
MIXED	SCHED_RR	1	5	13.59	38.73	0.06	285%	82	22
MIXED	SCHED_RR	1	5	11.96	39.1	0.01	326%	98	24
MIXED	SCHED_RR	1	5	13.02	38.45	0.01	295%	76	22
MIXED	SCHED_RR	1	5	12.08	39.09	0.03	323%	99	22
MIXED	SCHED_RR	1	5	12.42	37.85	0.02	304%	111	24
MIXED	SCHED_RR	1	5	13.7	38.12	0.01	278%	94	24
MIXED	SCHED_RR	1	5	13.74	36.11	0.04	263%	95	25
MIXED	SCHED_RR	1	5	12.91	38.13	0.04	295%	102	24
MIXED	SCHED_RR	1	5	13.31	38.94	0.02	292%	109	24
MIXED	SCHED_RR	1	5	12.89	38.04	0.05	295%	102	24
MIXED	SCHED_RR	1	5	13.48	39.17	0.01	290%	116	23
MIXED	SCHED_RR	1	5	13.1	38.16	0.01	291%	103	24
MIXED	SCHED_RR	1	5	13.35	39.35	0	294%	109	22
MIXED	SCHED_RR	1	5	12.32	37.82	0.03	307%	77	20
MIXED	SCHED_RR	1	5	11.86	38.19	0.01	321%	97	26
MIXED	SCHED_RR	1	5	14.2	38.27	0	269%	99	25
MIXED	SCHED_RR	1	5	13.91	38.57	0	277%	97	19
MIXED	SCHED_RR	1	5	12.95	37.85	0	292%	78	23
MIXED	SCHED_RR	1	5	12.84	38.63	0	300%	81	21
MIXED	SCHED_RR	1	5	12.28	39.01	0	317%	105	26
MIXED	SCHED_RR	1	5	13.63	37.27	0.02	273%	91	23
MIXED	SCHED_RR	1	5	14.12	39.31	0	278%	97	20
MIXED	SCHED_RR	1	5	11.83	36.71	0.04	310%	97	22
MIXED	SCHED_RR	1	5	14.09	38.37	0	272%	101	22
MIXED	SCHED_RR	1	5	12.33	38.27	0	310%	105	22
MIXED	SCHED_RR	1	5	12.62	38.59	0.04	306%	113	27
MIXED	SCHED_RR	1	5	13.53	37.99	0.04	280%	93	22
MIXED	SCHED_RR	1	5	12.61	38.85	0.02	308%	113	21
MIXED	SCHED_RR	1	5	14.05	39.15	0.02	278%	99	21
MIXED	SCHED_RR	1	5	13.14	38.35	0.08	292%	102	24
MIXED	SCHED_RR	1	5	13.47	38.87	0	288%	112	22
MIXED	SCHED_RR	1	5	13.06	38.82	0.02	297%	104	25
MIXED	SCHED_RR	1	5	14.37	38.89	0.06	270%	100	24
MIXED	SCHED_RR	1	5	13.32	38.84	0.04	291%	111	23
MIXED	SCHED_RR	1	5	12.77	37.57	0.05	294%	100	25
MIXED	SCHED_RR	1	5	13.47	38.73	0	287%	88	23
MIXED	SCHED_RR	1	5	12.42	37.7	0.02	303%	73	25
MIXED	SCHED_RR	1	5	14.27	38.83	0	272%	103	24
MIXED	SCHED_RR	1	5	12.43	39.11	0.05	315%	106	24
MIXED	SCHED_RR	1	5	13.68	37.21	0.02	272%	94	23
MIXED	SCHED_RR	1	5	12.33	38.42	0.02	311%	107	18
MIXED	SCHED_RR	1	5	13.79	36.54	0.12	265%	94	27
MIXED	SCHED_RR	1	5	11.9	38.43	0	322%	94	30
MIXED	SCHED_RR	1	5	13.24	38.41	0.01	290%	104	21
MIXED	SCHED_RR	1	5	13.35	38.04	0	284%	83	23
MIXED	SCHED_RR	1	5	14.23	38.59	0.02	271%	94	24
MIXED	SCHED_RR	1	5	12.93	38.79	0.02	300%	103	22
MIXED	SCHED_RR	1	5	14.2	38.4	0	270%	99	20
MIXED	SCHED_RR	1	5	14.29	38.96	0.03	272%	102	21
MIXED	SCHED_RR	1	5	13.29	38.67	0.04	291%	109	20
MIXED	SCHED_RR	1	5	13.47	39.43	0.05	293%	112	26
MIXED	SCHED_RR	1	5	12.8	38.67	0.02	302%	110	20
MIXED	SCHED_RR	1	5	12.91	38.03	0	294%	75	22

MIXED	SCHED_RR	1	5	13.86	38.41	0.04	277%	100	23
MIXED	SCHED_RR	1	5	12.44	37.91	0.07	305%	106	27
MIXED	SCHED_RR	1	5	12.73	38.29	0.02	300%	91	25
MIXED	SCHED_RR	1	5	12.69	38.33	0.04	302%	109	22
MIXED	SCHED_RR	1	5	12.5	38.07	0	304%	111	21
MIXED	SCHED_RR	1	5	13.92	38.19	0.01	274%	94	27
MIXED	SCHED_RR	1	5	12.26	38.36	0.04	313%	86	24
MIXED	SCHED_RR	1	5	13.44	38.79	0	288%	102	20
MIXED	SCHED_RR	1	5	12.55	39.06	0.02	311%	110	18
MIXED	SCHED_RR	1	5	13.33	38.5	0.02	288%	88	24
MIXED	SCHED_RR	1	5	14.26	38.95	0.02	273%	99	22
MIXED	SCHED_RR	1	5	13.19	38.24	0.01	289%	85	24
MIXED	SCHED_RR	1	5	13.77	38.19	0.06	277%	98	23
MIXED	SCHED_RR	1	5	11.99	38.45	0	320%	99	24
MIXED	SCHED_RR	1	5	13.3	38.64	0.04	290%	110	26
MIXED	SCHED_RR	1	5	12.05	38.74	0.08	322%	97	22
MIXED	SCHED_RR	1	5	12.82	39.21	0.02	306%	113	23
MIXED	SCHED_RR	1	5	12.74	38.93	0	305%	92	23
MIXED	SCHED_RR	1	5	12.26	37.67	0	307%	108	24
MIXED	SCHED_RR	1	5	13.84	37.29	0.03	269%	97	25
MIXED	SCHED_RR	1	5	12.53	38.07	0.03	304%	78	24
MIXED	SCHED_RR	1	5	13.65	38.79	0	284%	90	22
MIXED	SCHED_RR	1	5	13.97	38.08	0.08	273%	97	23
MIXED	SCHED_RR	1	5	13.7	38.01	0.09	278%	96	22
MIXED	SCHED_RR	1	5	14.05	38.58	0.01	274%	95	22
MIXED	SCHED_RR	1	5	13.06	38.32	0.06	293%	106	26
MIXED	SCHED_RR	1	5	12.4	38.81	0	312%	106	25
MIXED	SCHED_RR	1	5	12.65	38.75	0.04	306%	111	24
MIXED	SCHED_RR	1	5	11.85	39.05	0	329%	93	22
MIXED	SCHED_RR	1	5	13.44	38.31	0.01	284%	108	23
MIXED	SCHED_RR	1	5	14.03	38.34	0.08	273%	97	22
MIXED	SCHED_RR	1	5	13.85	38.51	0.02	278%	95	25
MIXED	SCHED_RR	1	5	11.97	38.46	0.04	321%	98	24
MIXED	SCHED_RR	1	5	14.16	39.55	0	279%	97	22
MIXED	SCHED_RR	1	5	12.68	37.94	0.61	303%	75	23
MIXED	SCHED_RR	1	5	12.92	38.19	0.07	296%	79	24
MIXED	SCHED_RR	1	5	13.15	38	0.14	290%	101	27
MIXED	SCHED_RR	1	5	12.99	38.21	0	294%	101	19
MIXED	SCHED_RR	1	5	12.5	37.97	0.13	304%	86	24
MIXED	SCHED_RR	1	5	13.47	38.71	0.02	287%	105	23
MIXED	SCHED_RR	1	5	11.68	37.59	0.04	322%	92	23
MIXED	SCHED_RR	1	5	13.45	39.4	0	292%	105	21
MIXED	SCHED_RR	1	5	12.16	39.17	0.01	322%	105	22
MIXED	SCHED_RR	1	5	13.15	37.44	0.06	285%	97	22
MIXED	SCHED_RR	1	5	13.08	38.53	0.07	295%	104	20
MIXED	SCHED_RR	1	5	13.48	39.03	0	289%	86	21
MIXED	SCHED_RR	1	5	13.31	38.59	0.02	289%	109	22
MIXED	SCHED_RR	1	5	12.41	39.77	0.09	321%	100	21
MIXED	SCHED_RR	1	5	13.04	38.95	0	298%	81	20
MIXED	SCHED_RR	1	5	14.34	38.97	0.01	271%	100	23
MIXED	SCHED_RR	1	5	13.03	38.25	0.03	293%	105	23
MIXED	SCHED_RR	1	5	12.5	37.12	0.06	297%	105	24
MIXED	SCHED_RR	1	5	12.81	37.45	0.03	292%	97	24
MIXED	SCHED_RR	1	5	12.4	36.93	0	297%	90	22
MIXED	SCHED_RR	1	5	12.99	37.57	0	289%	99	21
MIXED	SCHED_RR	1	5	11.98	37.03	0.03	309%	86	23
MIXED	SCHED_RR	1	5	11.54	37.28	0.01	323%	93	24
MIXED	SCHED_RR	1	5	12.04	37.74	0.04	313%	76	25
MIXED	SCHED_RR	1	5	13.13	38.48	0	293%	107	23
MIXED	SCHED_RR	1	5	13.53	36.91	0.02	272%	90	23
MIXED	SCHED_RR	1	5	12.23	38.7	0.02	316%	104	22
MIXED	SCHED_RR	1	5	12.94	38.38	0.04	296%	97	22
MIXED	SCHED_RR	1	5	12.6	40.21	0.06	319%	104	22
MIXED	SCHED_RR	1	5	13.92	39.09	0.07	281%	94	22
MIXED	SCHED_RR	1	5	13.61	40.38	0.08	297%	110	20
MIXED	SCHED_RR	1	5	11.69	37.5	0.02	320%	100	26
MIXED	SCHED_RR	1	5	13.26	37.44	0.02	282%	100	22
MIXED	SCHED_RR	1	5	12.37	36.9	0	298%	68	21

MIXED	SCHED_RR	1	5	11.52	36.86	0.02	320%	95	25
MIXED	SCHED_RR	1	5	12.43	39.12	0.03	314%	108	19
MIXED	SCHED_RR	1	5	13.86	38.58	0.02	278%	99	28
MIXED	SCHED_RR	1	5	13.29	38.92	0	292%	102	22
MIXED	SCHED_RR	1	5	12.33	38.63	0.03	313%	88	25
MIXED	SCHED_RR	1	5	13.94	38.39	0.07	275%	101	27
MIXED	SCHED_RR	1	5	13.41	39.09	0.01	291%	104	21
MIXED	SCHED_RR	1	5	13.25	38.9	0	293%	97	26
MIXED	SCHED_RR	1	5	11.86	38.32	0.01	323%	97	24
MIXED	SCHED_RR	1	5	12.84	38.25	0.02	297%	102	24
MIXED	SCHED_RR	1	5	11.83	38.04	0	321%	98	21
MIXED	SCHED_RR	1	5	13.8	40.18	0.01	291%	106	23
MIXED	SCHED_RR	1	5	13.76	37.85	0	275%	93	24
MIXED	SCHED_RR	1	5	14.6	39.31	0.02	269%	101	23
MIXED	SCHED_RR	1	5	12	38.2	0.04	318%	99	22
MIXED	SCHED_RR	1	5	13.27	39	0.05	294%	110	28
MIXED	SCHED_RR	1	5	12.01	36.67	0.03	305%	104	26
MIXED	SCHED_RR	1	5	11.99	35.89	0.02	299%	66	23
MIXED	SCHED_RR	1	5	13.71	38.13	0.01	278%	105	24
MIXED	SCHED_RR	1	5	11.88	36.9	0	310%	98	25
MIXED	SCHED_RR	1	5	13.55	36.63	0.06	270%	96	22
MIXED	SCHED_RR	1	5	12.17	37.54	0.03	308%	101	22
MIXED	SCHED_RR	1	5	12.9	38.78	0.04	300%	103	25
MIXED	SCHED_RR	1	5	14.37	38.87	0.05	270%	101	21
MIXED	SCHED_RR	1	5	13.66	39.23	0.01	287%	114	24
MIXED	SCHED_RR	1	5	12.68	38.55	0.04	304%	105	26
MIXED	SCHED_RR	1	5	13.49	39.97	0	296%	107	24
MIXED	SCHED_RR	1	5	14.02	37.31	0.01	266%	100	26
MIXED	SCHED_RR	1	5	11.7	38.48	0.01	329%	95	28
MIXED	SCHED_RR	1	5	12.77	38.71	0.02	303%	114	22
MIXED	SCHED_RR	1	5	12.64	39.55	0.08	313%	105	21
MIXED	SCHED_RR	1	5	12.17	38.63	0.03	317%	99	21
MIXED	SCHED_RR	1	5	13.37	39.44	0.04	295%	109	24
MIXED	SCHED_RR	1	5	12.72	39.49	0.02	310%	110	22
MIXED	SCHED_RR	1	5	12.7	38.51	0	303%	110	23
MIXED	SCHED_RR	1	5	11.56	37.24	0.02	322%	97	24
MIXED	SCHED_RR	1	5	11.99	36.53	0	304%	77	28
MIXED	SCHED_RR	1	5	16.39	35.59	0.04	217%	16	35
MIXED	SCHED_RR	1	5	12.76	36.69	0.01	287%	101	23
MIXED	SCHED_RR	1	5	14.08	38.57	0.02	274%	100	19
MIXED	SCHED_RR	1	5	14.49	38.56	0.01	266%	96	24
MIXED	SCHED_RR	1	5	13.78	39.82	0.01	288%	115	22
MIXED	SCHED_RR	1	5	13.22	38.53	0.01	291%	100	21
MIXED	SCHED_RR	1	5	12.5	39.96	0.01	319%	106	23
MIXED	SCHED_RR	1	5	13.27	39.11	0	294%	106	19
MIXED	SCHED_RR	1	5	12.2	38.12	0	312%	107	25
MIXED	SCHED_RR	1	5	12.17	38.35	0.06	315%	101	26
MIXED	SCHED_RR	1	5	13.72	39.19	0	285%	114	23
MIXED	SCHED_RR	1	5	13.76	38.38	0.02	278%	98	21
CPU BOUND	SCHED_FIFO	100000000	20	42.64	159.24	0.04	373%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	43.99	158.38	0.04	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.75	159.98	0.02	365%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	43.57	160.57	0.03	368%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.88	158.14	0	352%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	43.37	156.9	0.03	361%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.08	158.69	0.02	360%	117	25
CPU BOUND	SCHED_FIFO	100000000	20	44.17	161.05	0.05	364%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.92	158.3	0.03	360%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	45.87	155.88	0.05	339%	133	25
CPU BOUND	SCHED_FIFO	100000000	20	43.57	159.1	0.04	365%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	43.63	157.92	0.03	362%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.27	157.36	0	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.54	157.05	0.03	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.1	156.22	0.04	354%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.87	158.82	0.01	362%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	44.66	159.67	0	357%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.57	154.77	0.03	347%	142	25
CPU BOUND	SCHED_FIFO	100000000	20	43.91	155.23	0.06	353%	145	25

CPU BOUND	SCHED_FIFO	100000000	20	42.27	156.21	0.01	369%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.39	158.55	0.01	357%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	43.79	156.97	0.06	358%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	42.89	152	0.02	354%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	44.47	154.92	0	348%	110	25
CPU BOUND	SCHED_FIFO	100000000	20	44.05	158.24	0.03	359%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.49	156.8	0.04	352%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	43.66	156.77	0.02	359%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	44.17	156.16	0.02	353%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.32	155.59	0.05	351%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	44.15	157.62	0.02	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.34	157.19	0.03	354%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.15	158.68	0.01	359%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.33	158.18	0.03	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	42.85	152.25	0.04	355%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	45.01	157.44	0.04	349%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	43.51	157.71	0.03	362%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.81	158.34	0.03	361%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.27	156.8	0.02	362%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.66	155.48	0.06	356%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	45.24	157.25	0.02	347%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	43.49	158.68	0	364%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.03	156.59	0.02	355%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.48	158.97	0.02	365%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	44.21	156.93	0.05	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.75	155.74	0.02	348%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	44.11	157.67	0.03	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.76	156.73	0.04	358%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.91	158.81	0.01	361%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.75	157.58	0.03	360%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	45.01	156.58	0.04	347%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.95	156.48	0.08	356%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.7	156.23	0.02	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.45	158.46	0.02	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.29	159.18	0.04	359%	151	25
CPU BOUND	SCHED_FIFO	100000000	20	43.12	153.58	0.04	356%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.5	155.16	0	356%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	43.91	158.32	0.04	360%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.57	157.89	0.03	354%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	43.43	155.56	0.02	358%	151	25
CPU BOUND	SCHED_FIFO	100000000	20	42.81	152.94	0.01	357%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	44.34	156.62	0.04	353%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.41	157.92	0.04	355%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	43.59	157.66	0.04	361%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	43.4	156.9	0.03	361%	155	25
CPU BOUND	SCHED_FIFO	100000000	20	43.81	156.14	0.02	356%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	41.88	156.78	0.04	374%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	44.05	157.25	0.04	357%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	44.09	157.2	0.01	356%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	43.86	158.61	0.01	361%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	44.52	159.5	0.06	358%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.24	155.96	0.02	352%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.94	156.61	0.01	356%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	43.35	158.02	0.04	364%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.35	158.36	0.07	365%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.82	158.19	0	352%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	42.9	150.98	0.04	352%	143	25
CPU BOUND	SCHED_FIFO	100000000	20	44.27	155.83	0	351%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	44.08	157.79	0.06	358%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.89	159.17	0.02	362%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.1	156.82	0.02	355%	109	25
CPU BOUND	SCHED_FIFO	100000000	20	43.57	154.86	0.04	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.83	155	0.09	353%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	44.34	158.2	0.03	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.06	156.3	0.04	354%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	43.76	158.14	0.02	361%	155	25
CPU BOUND	SCHED_FIFO	100000000	20	44.46	158.06	0.07	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.93	154.95	0.05	352%	145	25

CPU BOUND	SCHED_FIFO	100000000	20	44.6	156.93	0.01	351%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	43.67	157.14	0.02	359%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	44.49	157.84	0.05	354%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.75	156.87	0.06	350%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	43.65	153.04	0.02	350%	110	25
CPU BOUND	SCHED_FIFO	100000000	20	43.78	154.02	0.03	351%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	44.95	157.78	0.08	351%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.63	156.09	0.04	357%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.83	157.88	0.02	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	42.89	154.4	0.04	360%	143	25
CPU BOUND	SCHED_FIFO	100000000	20	44.73	156.82	0.04	350%	141	25
CPU BOUND	SCHED_FIFO	100000000	20	44.31	156.43	0.01	353%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	43.74	155.82	0	356%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	44.24	158.84	0.02	359%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	45.2	158.35	0.02	350%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	41.73	151.75	0.02	363%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	43.93	156.2	0.02	355%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	42.86	158.02	0.02	368%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	43.67	158.68	0.06	363%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.87	156.14	0.02	355%	151	25
CPU BOUND	SCHED_FIFO	100000000	20	44	155.87	0.03	354%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.33	155.05	0.04	349%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	45.24	158.94	0.02	351%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	43.7	157.67	0.03	360%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.69	157.7	0.03	361%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	42.46	152.48	0.02	359%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.92	156.49	0.08	348%	141	25
CPU BOUND	SCHED_FIFO	100000000	20	44.26	155.5	0.05	351%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	44.37	157.22	0.04	354%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.97	159.42	0.04	362%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.75	156.84	0.03	350%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	42.71	151.8	0.02	355%	144	25
CPU BOUND	SCHED_FIFO	100000000	20	44.5	156.74	0.02	352%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.2	158.4	0.04	366%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	43.48	157.55	0.02	362%	155	25
CPU BOUND	SCHED_FIFO	100000000	20	43.76	157.73	0.04	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.55	158.16	0.02	355%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.7	155.74	0.05	356%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.44	158.36	0.01	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	45.55	156.32	0.03	343%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	43.98	157.16	0.05	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.61	155.38	0.02	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.11	158.23	0	366%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	43.64	156.81	0.02	359%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	44.32	156.07	0.02	352%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.19	158.05	0.03	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.92	155.86	0.01	346%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	42.93	151.35	0.1	352%	141	25
CPU BOUND	SCHED_FIFO	100000000	20	44.34	155.85	0.03	351%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	44.1	158.7	0	359%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44	157.2	0.03	357%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	43.26	155.98	0	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.68	155.76	0.01	356%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	44.67	155.92	0	349%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.96	159.6	0.02	363%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.83	156.1	0.01	356%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.16	158.17	0.02	358%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	44.53	157.8	0.02	354%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	45.71	157.71	0.02	345%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.46	156.64	0.06	360%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.68	157.59	0.02	352%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.46	159.04	0.02	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.7	158.16	0.01	353%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	43.5	153.52	0.04	352%	141	25
CPU BOUND	SCHED_FIFO	100000000	20	44.78	155.41	0.08	347%	142	25
CPU BOUND	SCHED_FIFO	100000000	20	44.4	159.77	0.02	359%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.57	158.42	0.03	363%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.78	156	0.03	356%	149	25

CPU BOUND	SCHED_FIFO	100000000	20	43.76	153.33	0.02	350%	141	25
CPU BOUND	SCHED_FIFO	100000000	20	44.34	155.46	0.03	350%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	43.8	159.11	0	363%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.27	158.06	0.03	357%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.7	157.68	0.02	360%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.65	156.24	0.02	357%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.74	156.01	0.05	348%	146	25
CPU BOUND	SCHED_FIFO	100000000	20	42.32	158.17	0.05	373%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.99	156.18	0.04	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.55	157.72	0.03	362%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	44.55	158.36	0.06	355%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	41.6	157.06	0.02	377%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	43.65	157.66	0.04	361%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.8	157.24	0.03	359%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.91	157.06	0.04	357%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	45.03	158.47	0	351%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	42.59	150.29	0.02	352%	142	25
CPU BOUND	SCHED_FIFO	100000000	20	44.38	156.38	0	352%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.78	157.49	0.02	359%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	43.87	157.78	0.07	359%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.41	156.69	0.01	360%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	43.46	154.52	0.02	355%	147	25
CPU BOUND	SCHED_FIFO	100000000	20	43.26	155.7	0.03	359%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.07	159.13	0.02	361%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.32	157.16	0.03	354%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	42.8	157.09	0.06	367%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	42.96	151.08	0.06	351%	145	25
CPU BOUND	SCHED_FIFO	100000000	20	40.47	151.46	0.02	374%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.74	163.21	0.02	373%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	44.32	159.34	0.02	359%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	43.26	161.01	0.02	372%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	45.01	165.37	0.03	367%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	43.23	161.24	0.02	372%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	43.95	160.38	0.01	364%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	43.67	163.29	0.03	373%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	44.91	162.5	0.02	361%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	44.59	164.39	0.04	368%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	46.36	161.88	0.04	349%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	45.5	167.55	0.02	368%	169	25
CPU BOUND	SCHED_FIFO	100000000	20	43.46	162.84	0.06	374%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	43.95	162.9	0.01	370%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	44.14	164.19	0.01	371%	166	25
CPU BOUND	SCHED_FIFO	100000000	20	43.44	161.21	0.02	371%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	44.6	163.39	0.03	366%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	44.8	166.98	0.04	372%	168	25
CPU BOUND	SCHED_FIFO	100000000	20	46.03	172.19	0.01	374%	173	25
CPU BOUND	SCHED_FIFO	100000000	20	43.13	161.36	0.02	374%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	44.25	163.88	0.02	370%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.47	163.22	0.06	367%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	44.86	165.5	0.02	368%	166	25
CPU BOUND	SCHED_FIFO	100000000	20	44.51	163.91	0.02	368%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	44.86	161.1	0.03	359%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.86	158.67	0.04	361%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	46.09	163.19	0.08	354%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	44.74	165.69	0.03	370%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	43.23	158.98	0.03	367%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	43.71	163.24	0.01	373%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	44.04	162.47	0.01	368%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	46.99	166.52	0.02	354%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	43.95	161.7	0.03	367%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	43.76	162.11	0.03	370%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	46.13	161.34	0.02	349%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	44.02	164.04	0.02	372%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	47.25	163.64	0.02	346%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	45.5	162.53	0.03	357%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	43.43	160.72	0.04	370%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.73	164.94	0.01	368%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	46.72	163.66	0.03	350%	141	25

CPU BOUND	SCHED_FIFO	100000000	20	43.84	160.8	0.02	366%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	43.59	160.7	0.02	368%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.22	164.19	0.02	371%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	47.97	166.4	0.06	347%	134	25
CPU BOUND	SCHED_FIFO	100000000	20	44.44	159.84	0	359%	150	25
CPU BOUND	SCHED_FIFO	100000000	20	44.8	162.98	0.02	363%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.66	163.03	0.03	365%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	46.1	162.27	0.01	352%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	43.62	162.92	0.02	373%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	45.07	163.7	0.04	363%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	45.2	161.67	0.01	357%	155	25
CPU BOUND	SCHED_FIFO	100000000	20	45.52	166.22	0.03	365%	166	25
CPU BOUND	SCHED_FIFO	100000000	20	45.06	158.52	0.02	351%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	46.31	160.61	0.04	346%	149	25
CPU BOUND	SCHED_FIFO	100000000	20	44.3	166.15	0.07	375%	169	25
CPU BOUND	SCHED_FIFO	100000000	20	46.94	168.81	0.03	359%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	49.61	172.49	0.05	347%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	46.49	162.19	0.05	348%	149	23
CPU BOUND	SCHED_FIFO	100000000	20	45.7	171.1	0.01	374%	173	25
CPU BOUND	SCHED_FIFO	100000000	20	47.25	169.76	0.02	359%	167	25
CPU BOUND	SCHED_FIFO	100000000	20	47.45	168.11	0.05	354%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	45.11	168.01	0.04	372%	163	25
CPU BOUND	SCHED_FIFO	100000000	20	47.36	166.29	0.07	351%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	42.95	161.01	0.02	374%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	48.77	171.47	0.08	351%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	48.17	170.96	0.01	354%	163	25
CPU BOUND	SCHED_FIFO	100000000	20	45.26	167.45	0.01	369%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	48.21	170.24	0.05	353%	164	25
CPU BOUND	SCHED_FIFO	100000000	20	46.96	164.03	0.03	349%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	43.2	161.32	0.04	373%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	41.77	156.6	0.04	374%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	46.31	153.33	0.05	331%	131	25
CPU BOUND	SCHED_FIFO	100000000	20	48.06	169.98	0.06	353%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	47.4	166.85	0.05	352%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	46.57	166.53	0.05	357%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	48.16	169.59	0	352%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	46.22	161.62	0.02	349%	154	25
CPU BOUND	SCHED_FIFO	100000000	20	47.87	170.55	0.03	356%	163	25
CPU BOUND	SCHED_FIFO	100000000	20	47.44	166.53	0.02	351%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	47.15	163.44	0.06	346%	153	25
CPU BOUND	SCHED_FIFO	100000000	20	48.23	172.65	0.04	358%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	42.69	158.86	0.07	372%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	46.18	170.23	0.06	368%	169	25
CPU BOUND	SCHED_FIFO	100000000	20	48.7	171.72	0.06	352%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	46.3	166.79	0.03	360%	163	25
CPU BOUND	SCHED_FIFO	100000000	20	44.92	166.69	0.05	371%	171	25
CPU BOUND	SCHED_FIFO	100000000	20	47.14	171.61	0.05	364%	168	25
CPU BOUND	SCHED_FIFO	100000000	20	45.59	159.42	0.03	349%	151	25
CPU BOUND	SCHED_FIFO	100000000	20	43.37	160.63	0.02	370%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.19	159.64	0.03	361%	157	25
CPU BOUND	SCHED_FIFO	100000000	20	44.63	154.74	0.01	346%	144	25
CPU BOUND	SCHED_FIFO	100000000	20	48.73	169.53	0.04	347%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	46.81	164.95	0.03	352%	158	25
CPU BOUND	SCHED_FIFO	100000000	20	45.34	165.12	0.06	364%	162	25
CPU BOUND	SCHED_FIFO	100000000	20	48.74	171.75	0.01	352%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	46.4	164.97	0.01	355%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	46.82	169.39	0.04	361%	166	25
CPU BOUND	SCHED_FIFO	100000000	20	48.36	170.01	0.02	351%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	47.45	168.04	0.05	354%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	45.22	168.77	0.02	373%	169	25
CPU BOUND	SCHED_FIFO	100000000	20	47.63	168.21	0.05	353%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	44.03	163.75	0.04	371%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	48.33	169.89	0.06	351%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	46.27	172.61	0.04	373%	173	25
CPU BOUND	SCHED_FIFO	100000000	20	46.88	168.6	0.04	359%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	45.32	164.82	0.04	363%	161	25
CPU BOUND	SCHED_FIFO	100000000	20	48.19	168.62	0.04	349%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	49.53	174.61	0.02	352%	161	25

CPU BOUND	SCHED_FIFO	100000000	20	47.02	170.71	0.08	363%	169	25
CPU BOUND	SCHED_FIFO	100000000	20	47.85	168.33	0.02	351%	159	25
CPU BOUND	SCHED_FIFO	100000000	20	47.24	170.43	0.01	360%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	48.27	172.1	0.05	356%	165	25
CPU BOUND	SCHED_FIFO	100000000	20	43.8	159.88	0.04	365%	160	25
CPU BOUND	SCHED_FIFO	100000000	20	45.49	159.85	0.03	351%	148	25
CPU BOUND	SCHED_FIFO	100000000	20	44.99	158.83	0.01	353%	152	25
CPU BOUND	SCHED_FIFO	100000000	20	48.49	167.76	0.01	345%	156	25
CPU BOUND	SCHED_FIFO	100000000	20	46.84	165.89	0.03	354%	154	25
CPU BOUND	SCHED_OTHER	100000000	20	40.3	158.51	0.09	393%	31671	41
CPU BOUND	SCHED_OTHER	100000000	20	38.52	150.72	0.1	391%	31742	41
CPU BOUND	SCHED_OTHER	100000000	20	38.72	151.93	0.07	392%	32323	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	159.62	0.08	392%	32215	41
CPU BOUND	SCHED_OTHER	100000000	20	41.05	160.78	0.11	391%	31784	41
CPU BOUND	SCHED_OTHER	100000000	20	38.35	150.39	0.08	392%	29938	41
CPU BOUND	SCHED_OTHER	100000000	20	39.59	155.68	0.06	393%	30927	41
CPU BOUND	SCHED_OTHER	100000000	20	39.71	155.73	0.05	392%	32715	41
CPU BOUND	SCHED_OTHER	100000000	20	38.99	152.12	0.09	390%	31565	41
CPU BOUND	SCHED_OTHER	100000000	20	40.33	158.58	0.08	393%	31238	41
CPU BOUND	SCHED_OTHER	100000000	20	41.89	165.07	0.09	394%	32017	41
CPU BOUND	SCHED_OTHER	100000000	20	38.39	150.86	0.1	393%	30346	41
CPU BOUND	SCHED_OTHER	100000000	20	39.84	156.43	0.1	392%	31533	41
CPU BOUND	SCHED_OTHER	100000000	20	40.85	160.22	0.08	392%	32983	41
CPU BOUND	SCHED_OTHER	100000000	20	38.77	151.99	0.06	392%	32196	41
CPU BOUND	SCHED_OTHER	100000000	20	40.82	160.03	0.08	392%	31659	41
CPU BOUND	SCHED_OTHER	100000000	20	40.58	158.96	0.11	391%	31707	41
CPU BOUND	SCHED_OTHER	100000000	20	39.66	155.92	0.07	393%	30888	41
CPU BOUND	SCHED_OTHER	100000000	20	39.65	155.42	0.06	392%	32275	41
CPU BOUND	SCHED_OTHER	100000000	20	40.59	159.95	0.06	394%	32112	41
CPU BOUND	SCHED_OTHER	100000000	20	38.13	149.67	0.06	392%	31510	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	159.24	0.12	391%	31367	41
CPU BOUND	SCHED_OTHER	100000000	20	40.48	159.21	0.08	393%	30656	41
CPU BOUND	SCHED_OTHER	100000000	20	40.09	156.99	0.09	391%	31597	41
CPU BOUND	SCHED_OTHER	100000000	20	37.92	148.78	0.07	392%	30357	41
CPU BOUND	SCHED_OTHER	100000000	20	40.91	160.3	0.12	392%	32276	41
CPU BOUND	SCHED_OTHER	100000000	20	40.51	158.99	0.08	392%	31883	41
CPU BOUND	SCHED_OTHER	100000000	20	38.25	150.08	0.09	392%	30165	41
CPU BOUND	SCHED_OTHER	100000000	20	39.24	153.82	0.08	392%	30850	41
CPU BOUND	SCHED_OTHER	100000000	20	40.94	160.3	0.06	391%	32102	41
CPU BOUND	SCHED_OTHER	100000000	20	41.35	161.98	0.08	391%	32492	41
CPU BOUND	SCHED_OTHER	100000000	20	38.9	152.99	0.05	393%	30561	41
CPU BOUND	SCHED_OTHER	100000000	20	40.15	158.18	0.07	394%	31897	41
CPU BOUND	SCHED_OTHER	100000000	20	41.28	161.92	0.05	392%	34223	41
CPU BOUND	SCHED_OTHER	100000000	20	41.11	161.3	0.09	392%	33220	41
CPU BOUND	SCHED_OTHER	100000000	20	39.88	156.4	0.08	392%	31345	41
CPU BOUND	SCHED_OTHER	100000000	20	40.56	158.52	0.08	391%	31339	41
CPU BOUND	SCHED_OTHER	100000000	20	40.32	158.23	0.1	392%	32530	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	159.84	0.07	392%	32634	41
CPU BOUND	SCHED_OTHER	100000000	20	41.96	164.69	0.06	392%	33468	41
CPU BOUND	SCHED_OTHER	100000000	20	39.3	154.71	0.12	393%	30899	41
CPU BOUND	SCHED_OTHER	100000000	20	38.45	151.14	0.07	393%	29963	41
CPU BOUND	SCHED_OTHER	100000000	20	40.29	158.16	0.1	392%	31773	41
CPU BOUND	SCHED_OTHER	100000000	20	39.61	155.04	0.07	391%	32229	41
CPU BOUND	SCHED_OTHER	100000000	20	38.62	151.95	0.03	393%	31841	41
CPU BOUND	SCHED_OTHER	100000000	20	41.54	163.35	0.12	393%	33209	41
CPU BOUND	SCHED_OTHER	100000000	20	41.39	162.76	0.09	393%	33093	40
CPU BOUND	SCHED_OTHER	100000000	20	39.69	155.85	0.12	392%	32623	41
CPU BOUND	SCHED_OTHER	100000000	20	39.42	155.04	0.04	393%	31479	41
CPU BOUND	SCHED_OTHER	100000000	20	39.87	157.07	0.07	394%	31831	41
CPU BOUND	SCHED_OTHER	100000000	20	40.78	159.8	0.1	392%	32396	41
CPU BOUND	SCHED_OTHER	100000000	20	38.16	149.63	0.08	392%	31183	41
CPU BOUND	SCHED_OTHER	100000000	20	41.81	164.27	0.09	393%	33034	41
CPU BOUND	SCHED_OTHER	100000000	20	40.79	160.26	0.09	393%	32267	41
CPU BOUND	SCHED_OTHER	100000000	20	39.89	156.27	0.1	391%	31943	41
CPU BOUND	SCHED_OTHER	100000000	20	37.95	149.07	0.07	392%	30145	41
CPU BOUND	SCHED_OTHER	100000000	20	37.76	148.21	0.1	392%	30272	41
CPU BOUND	SCHED_OTHER	100000000	20	38.7	151.96	0.1	392%	29521	41
CPU BOUND	SCHED_OTHER	100000000	20	37.69	148.06	0.06	392%	29199	41

CPU BOUND	SCHED_OTHER	100000000	20	37.58	147.64	0.04	392%	29405	41
CPU BOUND	SCHED_OTHER	100000000	20	38.05	149.28	0.07	392%	29823	41
CPU BOUND	SCHED_OTHER	100000000	20	38.13	149.67	0.07	392%	30292	41
CPU BOUND	SCHED_OTHER	100000000	20	38.19	149.76	0.05	392%	29161	41
CPU BOUND	SCHED_OTHER	100000000	20	37.96	149.18	0.08	393%	29791	41
CPU BOUND	SCHED_OTHER	100000000	20	38.12	149.74	0.06	392%	30458	41
CPU BOUND	SCHED_OTHER	100000000	20	39.28	154.49	0.07	393%	33506	41
CPU BOUND	SCHED_OTHER	100000000	20	38.26	150.36	0.05	393%	30420	41
CPU BOUND	SCHED_OTHER	100000000	20	38.31	150.66	0.06	393%	31011	41
CPU BOUND	SCHED_OTHER	100000000	20	38.14	149.85	0.06	393%	30406	41
CPU BOUND	SCHED_OTHER	100000000	20	38.17	149.88	0.06	392%	30013	41
CPU BOUND	SCHED_OTHER	100000000	20	38.23	150.3	0.1	393%	29766	41
CPU BOUND	SCHED_OTHER	100000000	20	38.67	152.31	0.05	393%	29277	41
CPU BOUND	SCHED_OTHER	100000000	20	39.04	153.12	0.1	392%	30025	41
CPU BOUND	SCHED_OTHER	100000000	20	37.97	149.02	0.1	392%	30113	41
CPU BOUND	SCHED_OTHER	100000000	20	39.72	156.11	0.07	393%	31308	41
CPU BOUND	SCHED_OTHER	100000000	20	40.01	157.11	0.05	392%	32749	41
CPU BOUND	SCHED_OTHER	100000000	20	38.41	150.36	0.1	391%	31058	40
CPU BOUND	SCHED_OTHER	100000000	20	40.61	159.58	0.08	393%	31256	41
CPU BOUND	SCHED_OTHER	100000000	20	40.59	159.65	0.06	393%	31770	41
CPU BOUND	SCHED_OTHER	100000000	20	38.66	151.6	0.06	392%	31288	41
CPU BOUND	SCHED_OTHER	100000000	20	39.56	155.58	0.06	393%	31468	41
CPU BOUND	SCHED_OTHER	100000000	20	39.44	154.95	0.07	393%	31291	40
CPU BOUND	SCHED_OTHER	100000000	20	39.81	156.84	0.08	394%	30889	41
CPU BOUND	SCHED_OTHER	100000000	20	38.61	151.63	0.05	392%	31814	41
CPU BOUND	SCHED_OTHER	100000000	20	40.58	159.88	0.07	394%	32558	41
CPU BOUND	SCHED_OTHER	100000000	20	39.62	155.74	0.08	393%	31628	41
CPU BOUND	SCHED_OTHER	100000000	20	40.23	157.78	0.07	392%	31795	41
CPU BOUND	SCHED_OTHER	100000000	20	38.4	150.54	0.08	392%	30170	41
CPU BOUND	SCHED_OTHER	100000000	20	39.74	155.7	0.05	391%	30345	41
CPU BOUND	SCHED_OTHER	100000000	20	38.52	150.22	0.1	390%	32045	41
CPU BOUND	SCHED_OTHER	100000000	20	39.63	155.83	0.09	393%	31631	41
CPU BOUND	SCHED_OTHER	100000000	20	40.16	158.37	0.06	394%	31363	41
CPU BOUND	SCHED_OTHER	100000000	20	38.27	150.28	0.1	392%	29815	41
CPU BOUND	SCHED_OTHER	100000000	20	39.66	155.5	0.09	392%	30251	41
CPU BOUND	SCHED_OTHER	100000000	20	39.42	153.78	0.09	390%	31065	42
CPU BOUND	SCHED_OTHER	100000000	20	39.65	155.44	0.1	392%	32362	41
CPU BOUND	SCHED_OTHER	100000000	20	38.26	150.34	0.06	393%	31869	41
CPU BOUND	SCHED_OTHER	100000000	20	39.6	155.62	0.08	393%	31613	41
CPU BOUND	SCHED_OTHER	100000000	20	40.7	159.55	0.07	392%	30587	41
CPU BOUND	SCHED_OTHER	100000000	20	38.58	151.22	0.06	392%	30182	41
CPU BOUND	SCHED_OTHER	100000000	20	39.81	156.05	0.05	392%	31534	41
CPU BOUND	SCHED_OTHER	100000000	20	39.02	153.02	0.07	392%	31033	41
CPU BOUND	SCHED_OTHER	100000000	20	39.73	155.94	0.08	392%	31048	40
CPU BOUND	SCHED_OTHER	100000000	20	38.55	150.64	0.1	390%	31408	41
CPU BOUND	SCHED_OTHER	100000000	20	39.29	153.79	0.09	391%	31367	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	160.53	0.06	394%	32286	41
CPU BOUND	SCHED_OTHER	100000000	20	39.06	152.83	0.06	391%	30530	41
CPU BOUND	SCHED_OTHER	100000000	20	39.75	156.04	0.1	392%	30956	41
CPU BOUND	SCHED_OTHER	100000000	20	38.5	150.57	0.08	391%	30159	40
CPU BOUND	SCHED_OTHER	100000000	20	39.74	155.86	0.12	392%	31333	41
CPU BOUND	SCHED_OTHER	100000000	20	38.52	151.19	0.08	392%	31449	41
CPU BOUND	SCHED_OTHER	100000000	20	39.47	155.64	0.08	394%	31943	40
CPU BOUND	SCHED_OTHER	100000000	20	40.49	159.1	0.06	393%	31627	41
CPU BOUND	SCHED_OTHER	100000000	20	39.26	153.87	0.08	392%	31685	41
CPU BOUND	SCHED_OTHER	100000000	20	39.82	156.35	0.07	392%	31606	41
CPU BOUND	SCHED_OTHER	100000000	20	38.27	150.38	0.06	393%	29992	41
CPU BOUND	SCHED_OTHER	100000000	20	39.84	156.52	0.07	393%	31383	41
CPU BOUND	SCHED_OTHER	100000000	20	39.76	155.8	0.09	392%	32208	41
CPU BOUND	SCHED_OTHER	100000000	20	38.93	152.37	0.13	391%	31445	41
CPU BOUND	SCHED_OTHER	100000000	20	40.74	159.92	0.07	392%	31325	41
CPU BOUND	SCHED_OTHER	100000000	20	40.55	159.08	0.09	392%	31455	41
CPU BOUND	SCHED_OTHER	100000000	20	39.02	153.07	0.07	392%	30253	41
CPU BOUND	SCHED_OTHER	100000000	20	38.99	152.72	0.07	391%	31957	41
CPU BOUND	SCHED_OTHER	100000000	20	40.27	156.9	0.13	389%	32323	41
CPU BOUND	SCHED_OTHER	100000000	20	39.97	156.8	0.07	392%	32049	41
CPU BOUND	SCHED_OTHER	100000000	20	38.36	150.79	0.06	393%	31019	41
CPU BOUND	SCHED_OTHER	100000000	20	41.12	161.58	0.06	393%	31641	41

CPU BOUND	SCHED_OTHER	100000000	20	40.31	158.66	0.07	393%	31527	41
CPU BOUND	SCHED_OTHER	100000000	20	38.64	151.28	0.11	391%	31164	41
CPU BOUND	SCHED_OTHER	100000000	20	39.55	154.94	0.09	391%	31509	41
CPU BOUND	SCHED_OTHER	100000000	20	39.72	155.93	0.1	392%	31211	41
CPU BOUND	SCHED_OTHER	100000000	20	40.12	157.48	0.1	392%	31169	41
CPU BOUND	SCHED_OTHER	100000000	20	40.51	158.43	0.08	391%	31950	42
CPU BOUND	SCHED_OTHER	100000000	20	40.53	158.37	0.1	390%	32192	41
CPU BOUND	SCHED_OTHER	100000000	20	41.28	162.13	0.12	393%	32410	41
CPU BOUND	SCHED_OTHER	100000000	20	40.16	157.94	0.06	393%	32355	41
CPU BOUND	SCHED_OTHER	100000000	20	40.23	157.76	0.1	392%	31072	41
CPU BOUND	SCHED_OTHER	100000000	20	40.83	160.34	0.08	392%	31058	41
CPU BOUND	SCHED_OTHER	100000000	20	39.75	156.22	0.12	393%	31194	41
CPU BOUND	SCHED_OTHER	100000000	20	38.71	151.49	0.1	391%	31170	41
CPU BOUND	SCHED_OTHER	100000000	20	39.64	156.13	0.06	393%	31737	41
CPU BOUND	SCHED_OTHER	100000000	20	39.62	155.44	0.1	392%	32230	40
CPU BOUND	SCHED_OTHER	100000000	20	39.1	153.74	0.07	393%	31350	41
CPU BOUND	SCHED_OTHER	100000000	20	40.98	160.87	0.09	392%	31277	41
CPU BOUND	SCHED_OTHER	100000000	20	40.44	158.29	0.08	391%	32067	41
CPU BOUND	SCHED_OTHER	100000000	20	38.81	152.22	0.07	392%	30598	41
CPU BOUND	SCHED_OTHER	100000000	20	39.35	154.1	0.11	391%	31384	41
CPU BOUND	SCHED_OTHER	100000000	20	39.55	155.91	0.05	394%	31302	40
CPU BOUND	SCHED_OTHER	100000000	20	40.03	157.37	0.09	393%	30426	41
CPU BOUND	SCHED_OTHER	100000000	20	38.87	152.37	0.06	392%	31816	41
CPU BOUND	SCHED_OTHER	100000000	20	41.46	161.84	0.12	390%	32875	41
CPU BOUND	SCHED_OTHER	100000000	20	39.82	156.18	0.09	392%	31734	41
CPU BOUND	SCHED_OTHER	100000000	20	38.56	151.56	0.08	393%	31172	42
CPU BOUND	SCHED_OTHER	100000000	20	40.88	160.48	0.07	392%	32081	41
CPU BOUND	SCHED_OTHER	100000000	20	40.62	158.61	0.06	390%	30956	41
CPU BOUND	SCHED_OTHER	100000000	20	40.66	159.62	0.12	392%	31252	42
CPU BOUND	SCHED_OTHER	100000000	20	40.08	157.1	0.08	392%	30882	41
CPU BOUND	SCHED_OTHER	100000000	20	40.65	159.77	0.09	393%	32542	41
CPU BOUND	SCHED_OTHER	100000000	20	41.26	161.54	0.08	391%	32784	41
CPU BOUND	SCHED_OTHER	100000000	20	40.16	157.74	0.07	392%	31548	41
CPU BOUND	SCHED_OTHER	100000000	20	40.88	159.99	0.09	391%	31463	41
CPU BOUND	SCHED_OTHER	100000000	20	40.56	159.14	0.1	392%	31300	41
CPU BOUND	SCHED_OTHER	100000000	20	40.35	158.96	0.07	394%	31192	40
CPU BOUND	SCHED_OTHER	100000000	20	41.45	163.06	0.04	393%	32689	41
CPU BOUND	SCHED_OTHER	100000000	20	40.23	157.11	0.07	390%	31590	41
CPU BOUND	SCHED_OTHER	100000000	20	40.25	157.87	0.09	392%	31592	41
CPU BOUND	SCHED_OTHER	100000000	20	40.46	158.42	0.09	391%	31388	41
CPU BOUND	SCHED_OTHER	100000000	20	40.88	160.03	0.07	391%	31857	41
CPU BOUND	SCHED_OTHER	100000000	20	41.37	162.29	0.06	392%	32899	41
CPU BOUND	SCHED_OTHER	100000000	20	40.18	157.25	0.06	391%	31376	41
CPU BOUND	SCHED_OTHER	100000000	20	40.64	159.33	0.1	392%	32566	41
CPU BOUND	SCHED_OTHER	100000000	20	40.34	158.34	0.07	392%	31511	41
CPU BOUND	SCHED_OTHER	100000000	20	40.65	159.58	0.08	392%	31029	40
CPU BOUND	SCHED_OTHER	100000000	20	41.29	162.12	0.06	392%	31452	41
CPU BOUND	SCHED_OTHER	100000000	20	40.24	157.72	0.09	392%	32092	41
CPU BOUND	SCHED_OTHER	100000000	20	40.5	159.12	0.06	393%	32806	41
CPU BOUND	SCHED_OTHER	100000000	20	39.99	156.57	0.1	391%	33118	41
CPU BOUND	SCHED_OTHER	100000000	20	40.56	159.15	0.07	392%	32009	41
CPU BOUND	SCHED_OTHER	100000000	20	41.36	162.32	0.11	392%	32212	41
CPU BOUND	SCHED_OTHER	100000000	20	40.18	157.77	0.06	392%	31653	41
CPU BOUND	SCHED_OTHER	100000000	20	40.82	160.19	0.12	392%	32443	41
CPU BOUND	SCHED_OTHER	100000000	20	40.03	157.45	0.09	393%	31513	41
CPU BOUND	SCHED_OTHER	100000000	20	40.63	159.28	0.1	392%	32351	41
CPU BOUND	SCHED_OTHER	100000000	20	41.01	161.37	0.09	393%	31728	41
CPU BOUND	SCHED_OTHER	100000000	20	40.31	157.74	0.08	391%	30662	41
CPU BOUND	SCHED_OTHER	100000000	20	40.7	159.76	0.07	392%	31810	41
CPU BOUND	SCHED_OTHER	100000000	20	40.18	157.66	0.06	392%	31023	41
CPU BOUND	SCHED_OTHER	100000000	20	41.01	161.02	0.06	392%	32376	41
CPU BOUND	SCHED_OTHER	100000000	20	41.14	161.85	0.06	393%	32468	41
CPU BOUND	SCHED_OTHER	100000000	20	40.33	157.58	0.11	390%	31798	41
CPU BOUND	SCHED_OTHER	100000000	20	40.36	158.12	0.1	391%	31665	41
CPU BOUND	SCHED_OTHER	100000000	20	39.89	156.44	0.09	392%	30539	41
CPU BOUND	SCHED_OTHER	100000000	20	40.35	158.92	0.06	393%	31972	41
CPU BOUND	SCHED_OTHER	100000000	20	41.42	162.35	0.04	392%	32913	41
CPU BOUND	SCHED_OTHER	100000000	20	39.98	157.16	0.1	393%	31638	41

CPU BOUND	SCHED_OTHER	100000000	20	40.64	159.08	0.08	391%	31394	41
CPU BOUND	SCHED_OTHER	100000000	20	40.24	157.79	0.08	392%	30781	41
CPU BOUND	SCHED_OTHER	100000000	20	40.65	159.14	0.06	391%	31570	41
CPU BOUND	SCHED_OTHER	100000000	20	41.29	161.99	0.07	392%	32857	41
CPU BOUND	SCHED_OTHER	100000000	20	40.18	158.1	0.09	393%	32018	41
CPU BOUND	SCHED_OTHER	100000000	20	40.42	158.87	0.11	393%	31767	41
CPU BOUND	SCHED_OTHER	100000000	20	40.05	156.54	0.12	391%	31329	41
CPU BOUND	SCHED_OTHER	100000000	20	40.69	159.45	0.1	392%	31653	41
CPU BOUND	SCHED_OTHER	100000000	20	41.51	162.89	0.1	392%	32847	41
CPU BOUND	SCHED_OTHER	100000000	20	40.19	156.89	0.09	390%	31575	41
CPU BOUND	SCHED_OTHER	100000000	20	41.19	161.3	0.11	391%	32736	41
CPU BOUND	SCHED_OTHER	100000000	20	40.2	157.54	0.1	392%	32435	41
CPU BOUND	SCHED_OTHER	100000000	20	40.59	159.22	0.08	392%	31030	41
CPU BOUND	SCHED_OTHER	100000000	20	41.32	162.13	0.11	392%	31883	41
CPU BOUND	SCHED_OTHER	100000000	20	40.29	158.07	0.07	392%	31212	41
CPU BOUND	SCHED_OTHER	100000000	20	40.64	159.29	0.09	392%	33539	41
CPU BOUND	SCHED_OTHER	100000000	20	39.95	156.47	0.06	391%	31680	41
CPU BOUND	SCHED_OTHER	100000000	20	40.45	159.28	0.03	393%	31862	41
CPU BOUND	SCHED_OTHER	100000000	20	41.27	162.15	0.06	393%	31100	41
CPU BOUND	SCHED_OTHER	100000000	20	40.14	157.12	0.08	391%	30153	41
CPU BOUND	SCHED_OTHER	100000000	20	40.85	159.89	0.07	391%	32026	41
CPU BOUND	SCHED_OTHER	100000000	20	40.33	158.41	0.06	392%	31259	41
CPU BOUND	SCHED_OTHER	100000000	20	40.63	159.56	0.05	392%	31889	41
CPU BOUND	SCHED_OTHER	100000000	20	41.21	161.43	0.12	392%	31876	41
CPU BOUND	SCHED_OTHER	100000000	20	40.18	157.4	0.12	392%	30692	41
CPU BOUND	SCHED_OTHER	100000000	20	40.71	159.64	0.06	392%	31157	41
CPU BOUND	SCHED_OTHER	100000000	20	40.24	157.5	0.08	391%	31568	41
CPU BOUND	SCHED_OTHER	100000000	20	40.54	159.37	0.08	393%	31657	40
CPU BOUND	SCHED_OTHER	100000000	20	41.49	162.62	0.08	392%	33084	41
CPU BOUND	SCHED_OTHER	100000000	20	40.11	157.1	0.12	391%	30994	41
CPU BOUND	SCHED_OTHER	100000000	20	40.48	159.16	0.06	393%	30519	41
CPU BOUND	SCHED_OTHER	100000000	20	40.27	157.49	0.1	391%	30316	41
CPU BOUND	SCHED_OTHER	100000000	20	40.82	160.18	0.12	392%	32004	41
CPU BOUND	SCHED_OTHER	100000000	20	41.52	162.39	0.1	391%	32903	41
CPU BOUND	SCHED_OTHER	100000000	20	40.12	157.31	0.09	392%	32001	41
CPU BOUND	SCHED_OTHER	100000000	20	40.83	159.85	0.12	391%	32783	41
CPU BOUND	SCHED_OTHER	100000000	20	40.14	157.2	0.08	391%	30572	41
CPU BOUND	SCHED_OTHER	100000000	20	40.81	159.04	0.12	389%	31491	41
CPU BOUND	SCHED_OTHER	100000000	20	41.39	162.49	0.08	392%	32727	41
CPU BOUND	SCHED_OTHER	100000000	20	40.14	157.23	0.12	391%	31868	41
CPU BOUND	SCHED_OTHER	100000000	20	40.54	159.4	0.05	393%	31912	41
CPU BOUND	SCHED_OTHER	100000000	20	40.2	157.36	0.08	391%	31428	41
CPU BOUND	SCHED_OTHER	100000000	20	41.04	160.82	0.05	391%	31515	41
CPU BOUND	SCHED_OTHER	100000000	20	41.35	162.24	0.09	392%	32138	41
CPU BOUND	SCHED_OTHER	100000000	20	40.33	157.88	0.08	391%	31393	41
CPU BOUND	SCHED_OTHER	100000000	20	40.44	158.7	0.06	392%	32241	41
CPU BOUND	SCHED_OTHER	100000000	20	40.02	157.17	0.08	392%	31134	41
CPU BOUND	SCHED_OTHER	100000000	20	40.67	159.53	0.11	392%	31907	40
CPU BOUND	SCHED_OTHER	100000000	20	41.31	162.01	0.09	392%	31494	41
CPU BOUND	SCHED_OTHER	100000000	20	40.08	157.04	0.08	392%	31904	41
CPU BOUND	SCHED_OTHER	100000000	20	40.81	160.01	0.08	392%	32416	40
CPU BOUND	SCHED_OTHER	100000000	20	40.2	157.96	0.08	393%	31912	41
CPU BOUND	SCHED_OTHER	100000000	20	40.57	159.54	0.08	393%	32070	41
CPU BOUND	SCHED_OTHER	100000000	20	41.41	162.27	0.1	392%	31458	41
CPU BOUND	SCHED_OTHER	100000000	20	40.24	157.77	0.08	392%	30964	41
CPU BOUND	SCHED_OTHER	100000000	20	40.83	159.74	0.07	391%	32398	41
CPU BOUND	SCHED_OTHER	100000000	20	40.04	156.72	0.08	391%	31063	41
CPU BOUND	SCHED_OTHER	100000000	20	41.01	160.63	0.08	391%	32087	41
CPU BOUND	SCHED_OTHER	100000000	20	41.28	161.84	0.11	392%	32410	41
CPU BOUND	SCHED_OTHER	100000000	20	40.25	157.73	0.05	392%	31277	41
CPU BOUND	SCHED_OTHER	100000000	20	40.95	160.37	0.06	391%	31278	41
CPU BOUND	SCHED_OTHER	100000000	20	40.02	157.34	0.08	393%	31175	41
CPU BOUND	SCHED_OTHER	100000000	20	40.74	159.29	0.12	391%	32402	41
CPU BOUND	SCHED_OTHER	100000000	20	41.48	162.51	0.1	391%	33272	41
CPU BOUND	SCHED_OTHER	100000000	20	40.36	157.8	0.08	391%	30762	41
CPU BOUND	SCHED_OTHER	100000000	20	40.65	159.51	0.06	392%	31867	41
CPU BOUND	SCHED_OTHER	100000000	20	40.37	157.76	0.06	390%	31745	41
CPU BOUND	SCHED_OTHER	100000000	20	40.75	159.71	0.09	392%	31978	41

CPU BOUND	SCHED_OTHER	100000000	20	41.59	162.36	0.06	390%	33086	41
CPU BOUND	SCHED_OTHER	100000000	20	40.21	158.09	0.08	393%	31435	41
CPU BOUND	SCHED_OTHER	100000000	20	40.56	159.3	0.1	392%	31893	40
CPU BOUND	SCHED_OTHER	100000000	20	40.44	158.5	0.1	392%	31574	41
CPU BOUND	SCHED_OTHER	100000000	20	40.72	159.46	0.09	391%	31384	41
CPU BOUND	SCHED_OTHER	100000000	20	41.52	162.51	0.12	391%	33462	41
CPU BOUND	SCHED_OTHER	100000000	20	40.1	157.42	0.09	392%	31918	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	159.8	0.08	392%	31874	41
CPU BOUND	SCHED_OTHER	100000000	20	40.33	157.38	0.09	390%	31280	40
CPU BOUND	SCHED_OTHER	100000000	20	40.62	159.68	0.08	393%	30885	41
CPU BOUND	SCHED_OTHER	100000000	20	41.89	163.85	0.07	391%	32258	40
CPU BOUND	SCHED_OTHER	100000000	20	40.18	157.47	0.1	392%	31664	41
CPU BOUND	SCHED_OTHER	100000000	20	40.52	159.27	0.07	393%	32117	41
CPU BOUND	SCHED_OTHER	100000000	20	40.03	156.91	0.08	392%	31840	41
CPU BOUND	SCHED_OTHER	100000000	20	40.78	160.16	0.08	392%	32006	41
CPU BOUND	SCHED_OTHER	100000000	20	41.29	162.05	0.06	392%	31553	41
CPU BOUND	SCHED_OTHER	100000000	20	40.08	157.4	0.1	392%	31682	41
CPU BOUND	SCHED_OTHER	100000000	20	40.68	159.41	0.11	392%	32327	41
CPU BOUND	SCHED_OTHER	100000000	20	40.29	157.76	0.08	391%	31703	41
CPU BOUND	SCHED_OTHER	100000000	20	40.7	159.75	0.07	392%	31755	41
CPU BOUND	SCHED_OTHER	100000000	20	41.5	162.29	0.11	391%	31899	41
CPU BOUND	SCHED_OTHER	100000000	20	40.45	158.13	0.09	391%	30724	41
CPU BOUND	SCHED_OTHER	100000000	20	40.29	157.72	0.08	391%	31593	41
CPU BOUND	SCHED_OTHER	100000000	20	40.13	157.04	0.07	391%	31476	41
CPU BOUND	SCHED_OTHER	100000000	20	40.57	159.46	0.06	393%	32315	41
CPU BOUND	SCHED_OTHER	100000000	20	41.46	162.3	0.08	391%	32079	41
CPU BOUND	SCHED_OTHER	100000000	20	40.08	157.27	0.11	392%	30855	41
CPU BOUND	SCHED_OTHER	100000000	20	40.68	159.59	0.07	392%	31376	40
CPU BOUND	SCHED_OTHER	100000000	20	40.04	157.23	0.08	392%	31601	41
CPU BOUND	SCHED_OTHER	100000000	20	40.45	158.92	0.08	393%	31917	41
CPU BOUND	SCHED_OTHER	100000000	20	41.92	164.19	0.07	391%	33295	41
CPU BOUND	SCHED_OTHER	100000000	20	40.21	157.42	0.08	391%	31238	41
CPU BOUND	SCHED_OTHER	100000000	20	40.91	160.38	0.1	392%	31904	41
CPU BOUND	SCHED_OTHER	100000000	20	40.24	157.68	0.07	392%	32404	41
CPU BOUND	SCHED_OTHER	100000000	20	40.73	159.1	0.1	390%	32684	41
CPU BOUND	SCHED_OTHER	100000000	20	41.48	162.79	0.1	392%	32623	41
CPU BOUND	SCHED_OTHER	100000000	20	39.89	156.59	0.07	392%	30701	41
CPU BOUND	SCHED_RR	100000000	20	45.63	163.72	0.12	359%	475	36
CPU BOUND	SCHED_RR	100000000	20	43.34	154.33	0.03	356%	452	33
CPU BOUND	SCHED_RR	100000000	20	43.32	159.1	0.03	367%	447	36
CPU BOUND	SCHED_RR	100000000	20	45.73	170.57	0	373%	490	31
CPU BOUND	SCHED_RR	100000000	20	46.02	165.27	0	359%	488	32
CPU BOUND	SCHED_RR	100000000	20	44.9	163.98	0.04	365%	480	35
CPU BOUND	SCHED_RR	100000000	20	47.43	168.16	0.06	354%	506	32
CPU BOUND	SCHED_RR	100000000	20	46.84	171.63	0.05	366%	505	33
CPU BOUND	SCHED_RR	100000000	20	43.93	162.46	0.03	369%	467	34
CPU BOUND	SCHED_RR	100000000	20	45.61	167.12	0.01	366%	482	34
CPU BOUND	SCHED_RR	100000000	20	46.6	169.33	0.04	363%	502	34
CPU BOUND	SCHED_RR	100000000	20	46.87	170.02	0.01	362%	505	38
CPU BOUND	SCHED_RR	100000000	20	42.65	156.66	0.02	367%	456	35
CPU BOUND	SCHED_RR	100000000	20	43.62	159.28	0.04	365%	462	34
CPU BOUND	SCHED_RR	100000000	20	44.13	159.66	0.03	361%	463	31
CPU BOUND	SCHED_RR	100000000	20	44.47	162.53	0.02	365%	473	35
CPU BOUND	SCHED_RR	100000000	20	43.26	158.74	0.01	366%	460	33
CPU BOUND	SCHED_RR	100000000	20	44.18	159.55	0.06	361%	469	32
CPU BOUND	SCHED_RR	100000000	20	44.67	159.64	0.06	357%	475	35
CPU BOUND	SCHED_RR	100000000	20	43.9	159.76	0.03	363%	456	34
CPU BOUND	SCHED_RR	100000000	20	43.72	160.25	0.03	366%	460	34
CPU BOUND	SCHED_RR	100000000	20	44.18	159.4	0.02	360%	468	33
CPU BOUND	SCHED_RR	100000000	20	44.31	160.17	0.03	361%	464	35
CPU BOUND	SCHED_RR	100000000	20	43.61	160.73	0.02	368%	464	35
CPU BOUND	SCHED_RR	100000000	20	43.15	160.23	0.02	371%	458	32
CPU BOUND	SCHED_RR	100000000	20	44.3	159.99	0.04	361%	462	33
CPU BOUND	SCHED_RR	100000000	20	43.44	157.85	0.01	363%	452	34
CPU BOUND	SCHED_RR	100000000	20	43.49	161.23	0.01	370%	467	35
CPU BOUND	SCHED_RR	100000000	20	43.98	161.21	0.07	366%	468	32
CPU BOUND	SCHED_RR	100000000	20	43.84	159.19	0.07	363%	467	37
CPU BOUND	SCHED_RR	100000000	20	43.66	159.22	0.02	364%	457	34

CPU BOUND	SCHED_RR	100000000	20	44.1	158.78	0.02	360%	462	36
CPU BOUND	SCHED_RR	100000000	20	44.18	162.47	0.02	367%	465	34
CPU BOUND	SCHED_RR	100000000	20	42.63	157.84	0.02	370%	450	32
CPU BOUND	SCHED_RR	100000000	20	43.98	159.4	0	362%	462	32
CPU BOUND	SCHED_RR	100000000	20	45.45	159.41	0	350%	474	33
CPU BOUND	SCHED_RR	100000000	20	44.6	159.69	0.03	358%	473	35
CPU BOUND	SCHED_RR	100000000	20	44.61	159.04	0.07	356%	474	35
CPU BOUND	SCHED_RR	100000000	20	43.87	158.47	0.03	361%	458	34
CPU BOUND	SCHED_RR	100000000	20	44.25	158.02	0.04	357%	462	33
CPU BOUND	SCHED_RR	100000000	20	44.29	159.39	0.02	359%	460	33
CPU BOUND	SCHED_RR	100000000	20	45.09	159.96	0.02	354%	477	33
CPU BOUND	SCHED_RR	100000000	20	44.32	155.1	0.1	350%	465	31
CPU BOUND	SCHED_RR	100000000	20	43.75	157.57	0.01	360%	459	30
CPU BOUND	SCHED_RR	100000000	20	43.64	158.08	0.07	362%	467	31
CPU BOUND	SCHED_RR	100000000	20	43.82	159.73	0.02	364%	460	35
CPU BOUND	SCHED_RR	100000000	20	43.02	158.54	0.04	368%	457	31
CPU BOUND	SCHED_RR	100000000	20	43.39	153.9	0.01	354%	452	35
CPU BOUND	SCHED_RR	100000000	20	43.49	157.46	0.02	362%	456	34
CPU BOUND	SCHED_RR	100000000	20	43.79	158.22	0.06	361%	464	34
CPU BOUND	SCHED_RR	100000000	20	44.54	158.84	0.02	356%	466	33
CPU BOUND	SCHED_RR	100000000	20	44.18	159.33	0.03	360%	464	35
CPU BOUND	SCHED_RR	100000000	20	43.8	158.25	0.05	361%	455	33
CPU BOUND	SCHED_RR	100000000	20	43.18	158.32	0.04	366%	430	37
CPU BOUND	SCHED_RR	100000000	20	44.22	158.44	0.01	358%	466	34
CPU BOUND	SCHED_RR	100000000	20	43.55	158.66	0.02	364%	465	33
CPU BOUND	SCHED_RR	100000000	20	43.51	159.16	0.04	365%	463	30
CPU BOUND	SCHED_RR	100000000	20	44.89	159.25	0.02	354%	475	33
CPU BOUND	SCHED_RR	100000000	20	42.81	159.15	0.01	371%	452	33
CPU BOUND	SCHED_RR	100000000	20	44.4	158.56	0.02	357%	470	34
CPU BOUND	SCHED_RR	100000000	20	43.31	158.21	0.05	365%	456	36
CPU BOUND	SCHED_RR	100000000	20	43.6	158.91	0.04	364%	465	32
CPU BOUND	SCHED_RR	100000000	20	44.78	160.17	0.08	357%	471	32
CPU BOUND	SCHED_RR	100000000	20	42.56	154.57	0.07	363%	437	36
CPU BOUND	SCHED_RR	100000000	20	44.5	158.36	0.07	356%	467	35
CPU BOUND	SCHED_RR	100000000	20	44.98	158.35	0.02	352%	473	32
CPU BOUND	SCHED_RR	100000000	20	44.16	159.15	0.02	360%	464	32
CPU BOUND	SCHED_RR	100000000	20	44.42	158.4	0.02	356%	461	34
CPU BOUND	SCHED_RR	100000000	20	42.65	151.98	0.05	356%	444	30
CPU BOUND	SCHED_RR	100000000	20	43.38	157.31	0.01	362%	450	36
CPU BOUND	SCHED_RR	100000000	20	44.04	159.69	0.04	362%	468	37
CPU BOUND	SCHED_RR	100000000	20	44.5	158.83	0.08	357%	465	32
CPU BOUND	SCHED_RR	100000000	20	44.03	159.88	0.04	363%	458	32
CPU BOUND	SCHED_RR	100000000	20	43.32	156.64	0.04	361%	455	32
CPU BOUND	SCHED_RR	100000000	20	43.49	156.97	0.08	361%	443	35
CPU BOUND	SCHED_RR	100000000	20	44.13	158.92	0.02	360%	463	32
CPU BOUND	SCHED_RR	100000000	20	45.61	157.26	0.04	344%	406	35
CPU BOUND	SCHED_RR	100000000	20	43.94	158.26	0.11	360%	460	33
CPU BOUND	SCHED_RR	100000000	20	44.68	158.84	0.04	355%	468	33
CPU BOUND	SCHED_RR	100000000	20	43.48	156.34	0.01	359%	455	37
CPU BOUND	SCHED_RR	100000000	20	44.44	159.55	0.04	359%	475	35
CPU BOUND	SCHED_RR	100000000	20	44.16	158.04	0.01	357%	466	33
CPU BOUND	SCHED_RR	100000000	20	43.88	159.24	0.02	362%	465	33
CPU BOUND	SCHED_RR	100000000	20	44.36	158.42	0.01	357%	441	33
CPU BOUND	SCHED_RR	100000000	20	44.45	156.86	0.03	352%	464	31
CPU BOUND	SCHED_RR	100000000	20	43.45	158.2	0.03	364%	383	35
CPU BOUND	SCHED_RR	100000000	20	43.95	157.78	0.02	359%	459	32
CPU BOUND	SCHED_RR	100000000	20	43.43	156.45	0.04	360%	457	35
CPU BOUND	SCHED_RR	100000000	20	42.21	153.05	0.02	362%	435	30
CPU BOUND	SCHED_RR	100000000	20	42.46	154.28	0.03	363%	440	37
CPU BOUND	SCHED_RR	100000000	20	43.22	154.34	0.03	357%	452	36
CPU BOUND	SCHED_RR	100000000	20	43.03	156.29	0.08	363%	443	36
CPU BOUND	SCHED_RR	100000000	20	43.17	158.02	0.03	366%	446	33
CPU BOUND	SCHED_RR	100000000	20	44.03	159.5	0	362%	461	33
CPU BOUND	SCHED_RR	100000000	20	44.04	158.06	0.04	358%	464	31
CPU BOUND	SCHED_RR	100000000	20	43.08	156.07	0.02	362%	453	35
CPU BOUND	SCHED_RR	100000000	20	42.94	156.59	0.05	364%	448	36
CPU BOUND	SCHED_RR	100000000	20	44.02	160.03	0.04	363%	465	36
CPU BOUND	SCHED_RR	100000000	20	44.93	157.46	0.01	350%	468	34

CPU BOUND	SCHED_RR	100000000	20	43	157.74	0.02	366%	442	37
CPU BOUND	SCHED_RR	100000000	20	43.77	159.08	0.06	363%	457	36
CPU BOUND	SCHED_RR	100000000	20	43.78	157.62	0.06	360%	430	35
CPU BOUND	SCHED_RR	100000000	20	43.97	158.4	0.02	360%	465	37
CPU BOUND	SCHED_RR	100000000	20	43.91	157.83	0.02	359%	463	33
CPU BOUND	SCHED_RR	100000000	20	43.94	158.3	0.02	360%	462	34
CPU BOUND	SCHED_RR	100000000	20	45.38	160.7	0.02	354%	473	33
CPU BOUND	SCHED_RR	100000000	20	43.55	155.93	0.04	358%	456	31
CPU BOUND	SCHED_RR	100000000	20	44.71	158.08	0.08	353%	471	31
CPU BOUND	SCHED_RR	100000000	20	42.92	157.19	0.04	366%	450	37
CPU BOUND	SCHED_RR	100000000	20	44.61	158.98	0.03	356%	460	35
CPU BOUND	SCHED_RR	100000000	20	44	158.13	0.03	359%	464	37
CPU BOUND	SCHED_RR	100000000	20	42.37	153.46	0.02	362%	446	37
CPU BOUND	SCHED_RR	100000000	20	43.29	156.49	0.04	361%	439	35
CPU BOUND	SCHED_RR	100000000	20	44.38	159.79	0	360%	469	33
CPU BOUND	SCHED_RR	100000000	20	44.81	158.96	0	354%	461	34
CPU BOUND	SCHED_RR	100000000	20	43.99	157.73	0.01	358%	459	33
CPU BOUND	SCHED_RR	100000000	20	43.95	158.53	0.07	360%	470	33
CPU BOUND	SCHED_RR	100000000	20	44.64	157.67	0.04	353%	447	34
CPU BOUND	SCHED_RR	100000000	20	43	159.27	0.04	370%	460	31
CPU BOUND	SCHED_RR	100000000	20	43.37	157.55	0.02	363%	440	32
CPU BOUND	SCHED_RR	100000000	20	44.82	160.15	0.01	357%	463	34
CPU BOUND	SCHED_RR	100000000	20	43.68	157.64	0	360%	457	32
CPU BOUND	SCHED_RR	100000000	20	43.32	157.27	0.1	363%	454	36
CPU BOUND	SCHED_RR	100000000	20	44.27	158.68	0.02	358%	464	33
CPU BOUND	SCHED_RR	100000000	20	43.25	158.5	0.04	366%	454	32
CPU BOUND	SCHED_RR	100000000	20	44.49	159.73	0.05	359%	468	34
CPU BOUND	SCHED_RR	100000000	20	43.83	157.92	0.02	360%	463	32
CPU BOUND	SCHED_RR	100000000	20	42.86	151.19	0.03	352%	448	37
CPU BOUND	SCHED_RR	100000000	20	43.87	156.75	0.02	357%	460	34
CPU BOUND	SCHED_RR	100000000	20	44.17	159.86	0.06	362%	464	34
CPU BOUND	SCHED_RR	100000000	20	44.45	157.68	0.02	354%	466	32
CPU BOUND	SCHED_RR	100000000	20	43.79	158.76	0.02	362%	465	35
CPU BOUND	SCHED_RR	100000000	20	44.63	158.22	0.1	354%	471	31
CPU BOUND	SCHED_RR	100000000	20	44.35	157.65	0.02	355%	459	30
CPU BOUND	SCHED_RR	100000000	20	44.87	159.59	0.03	355%	468	33
CPU BOUND	SCHED_RR	100000000	20	44.1	159.36	0.02	361%	468	34
CPU BOUND	SCHED_RR	100000000	20	44.53	159.52	0.04	358%	469	35
CPU BOUND	SCHED_RR	100000000	20	43.22	153.18	0.12	354%	440	32
CPU BOUND	SCHED_RR	100000000	20	41.29	152.2	0.07	368%	429	33
CPU BOUND	SCHED_RR	100000000	20	43.13	156.02	0.03	361%	452	37
CPU BOUND	SCHED_RR	100000000	20	43.22	160.42	0.02	371%	464	33
CPU BOUND	SCHED_RR	100000000	20	43.7	158.23	0.04	362%	461	33
CPU BOUND	SCHED_RR	100000000	20	43.92	160.99	0.01	366%	465	33
CPU BOUND	SCHED_RR	100000000	20	43.76	158.34	0.03	361%	464	31
CPU BOUND	SCHED_RR	100000000	20	41.37	152.3	0.04	368%	430	30
CPU BOUND	SCHED_RR	100000000	20	44.05	156.62	0.01	355%	460	35
CPU BOUND	SCHED_RR	100000000	20	43.93	159.59	0.04	363%	456	33
CPU BOUND	SCHED_RR	100000000	20	44.29	159.24	0.01	359%	471	35
CPU BOUND	SCHED_RR	100000000	20	43.29	157.35	0.02	363%	456	34
CPU BOUND	SCHED_RR	100000000	20	44.23	157.79	0.03	356%	453	35
CPU BOUND	SCHED_RR	100000000	20	43.59	156.15	0.08	358%	459	33
CPU BOUND	SCHED_RR	100000000	20	44.39	158.68	0.1	357%	470	34
CPU BOUND	SCHED_RR	100000000	20	43.25	157.11	0.05	363%	456	35
CPU BOUND	SCHED_RR	100000000	20	43.63	159.2	0.02	364%	464	33
CPU BOUND	SCHED_RR	100000000	20	44.13	157.92	0.02	357%	462	34
CPU BOUND	SCHED_RR	100000000	20	43.53	158.82	0.05	364%	459	35
CPU BOUND	SCHED_RR	100000000	20	44.68	158.72	0.05	355%	469	35
CPU BOUND	SCHED_RR	100000000	20	43.92	156.65	0.04	356%	462	35
CPU BOUND	SCHED_RR	100000000	20	43.66	159.69	0	365%	467	35
CPU BOUND	SCHED_RR	100000000	20	43.74	157.97	0.05	361%	457	35
CPU BOUND	SCHED_RR	100000000	20	42.31	152.69	0.05	361%	428	35
CPU BOUND	SCHED_RR	100000000	20	44.63	157.91	0.01	353%	451	37
CPU BOUND	SCHED_RR	100000000	20	44.27	159.33	0.06	360%	466	33
CPU BOUND	SCHED_RR	100000000	20	43.7	158.46	0.04	362%	464	35
CPU BOUND	SCHED_RR	100000000	20	43.39	155.76	0.02	359%	456	34
CPU BOUND	SCHED_RR	100000000	20	44.47	157.46	0.01	354%	464	34
CPU BOUND	SCHED_RR	100000000	20	42.95	155.88	0	362%	455	32

CPU BOUND	SCHED_RR	100000000	20	43.74	158.95	0.02	363%	458	36
CPU BOUND	SCHED_RR	100000000	20	43.4	157.73	0.01	363%	448	35
CPU BOUND	SCHED_RR	100000000	20	44.7	160.43	0	358%	478	35
CPU BOUND	SCHED_RR	100000000	20	42.95	155.54	0.04	362%	451	33
CPU BOUND	SCHED_RR	100000000	20	43.64	157.33	0.04	360%	380	38
CPU BOUND	SCHED_RR	100000000	20	43.78	157.43	0.04	359%	463	33
CPU BOUND	SCHED_RR	100000000	20	43.32	158.59	0.04	366%	460	35
CPU BOUND	SCHED_RR	100000000	20	44.49	159.54	0	358%	468	33
CPU BOUND	SCHED_RR	100000000	20	42.91	158.73	0.02	369%	416	37
CPU BOUND	SCHED_RR	100000000	20	43.8	153.49	0.02	350%	460	35
CPU BOUND	SCHED_RR	100000000	20	44.58	156.54	0.07	351%	462	33
CPU BOUND	SCHED_RR	100000000	20	44.35	160.05	0.08	361%	469	35
CPU BOUND	SCHED_RR	100000000	20	44.66	159.42	0.03	356%	468	33
CPU BOUND	SCHED_RR	100000000	20	44.54	157.45	0.1	353%	444	34
CPU BOUND	SCHED_RR	100000000	20	44.28	155.69	0.01	351%	468	35
CPU BOUND	SCHED_RR	100000000	20	43.43	156.6	0.03	360%	438	37
CPU BOUND	SCHED_RR	100000000	20	43.69	159.36	0.08	364%	448	37
CPU BOUND	SCHED_RR	100000000	20	43.9	158.02	0.06	360%	464	36
CPU BOUND	SCHED_RR	100000000	20	44.01	160.37	0.06	364%	473	33
CPU BOUND	SCHED_RR	100000000	20	43.95	156.68	0.03	356%	454	33
CPU BOUND	SCHED_RR	100000000	20	42.89	157.46	0.01	367%	450	34
CPU BOUND	SCHED_RR	100000000	20	44.78	158.48	0.01	353%	463	32
CPU BOUND	SCHED_RR	100000000	20	42.74	157.2	0.06	367%	442	36
CPU BOUND	SCHED_RR	100000000	20	44	158.78	0.01	360%	463	35
CPU BOUND	SCHED_RR	100000000	20	44.45	159.21	0.04	358%	469	34
CPU BOUND	SCHED_RR	100000000	20	43.38	153.11	0.09	353%	445	33
CPU BOUND	SCHED_RR	100000000	20	43.46	157.27	0.04	361%	458	38
CPU BOUND	SCHED_RR	100000000	20	43.92	158.93	0.02	361%	467	33
CPU BOUND	SCHED_RR	100000000	20	45.17	157.88	0.02	349%	442	35
CPU BOUND	SCHED_RR	100000000	20	43.72	157.74	0.02	360%	450	35
CPU BOUND	SCHED_RR	100000000	20	43.88	154.99	0.03	353%	458	34
CPU BOUND	SCHED_RR	100000000	20	46.03	155.94	0.03	338%	411	34
CPU BOUND	SCHED_RR	100000000	20	44.61	158.36	0.01	354%	469	33
CPU BOUND	SCHED_RR	100000000	20	44.29	158.58	0.01	358%	467	35
CPU BOUND	SCHED_RR	100000000	20	43.73	157.47	0.02	360%	459	30
CPU BOUND	SCHED_RR	100000000	20	43.1	158.34	0.04	367%	437	36
CPU BOUND	SCHED_RR	100000000	20	42.26	151.6	0.03	358%	446	34
CPU BOUND	SCHED_RR	100000000	20	44	155.18	0.04	352%	452	33
CPU BOUND	SCHED_RR	100000000	20	44.88	159.21	0.1	354%	473	37
CPU BOUND	SCHED_RR	100000000	20	42.54	158.18	0.03	371%	454	34
CPU BOUND	SCHED_RR	100000000	20	43.93	159.1	0.02	362%	462	33
CPU BOUND	SCHED_RR	100000000	20	43.94	156.58	0.09	356%	463	34
CPU BOUND	SCHED_RR	100000000	20	43.54	156.49	0.01	359%	454	34
CPU BOUND	SCHED_RR	100000000	20	44.76	159.78	0.01	356%	475	33
CPU BOUND	SCHED_RR	100000000	20	43.97	157.9	0.02	359%	463	34
CPU BOUND	SCHED_RR	100000000	20	43.48	156.01	0.03	358%	449	33
CPU BOUND	SCHED_RR	100000000	20	43.84	157.36	0.04	358%	459	31
CPU BOUND	SCHED_RR	100000000	20	43.94	156.25	0.09	355%	463	36
CPU BOUND	SCHED_RR	100000000	20	44.31	159.1	0.03	359%	467	35
CPU BOUND	SCHED_RR	100000000	20	44.28	157.68	0.01	356%	458	32
CPU BOUND	SCHED_RR	100000000	20	44.67	160.19	0.01	358%	461	32
CPU BOUND	SCHED_RR	100000000	20	41.08	152.5	0.02	371%	432	32
CPU BOUND	SCHED_RR	100000000	20	40.47	149.82	0.03	370%	417	33
CPU BOUND	SCHED_RR	100000000	20	44.41	156.73	0.01	352%	446	33
CPU BOUND	SCHED_RR	100000000	20	42.11	152.35	0.04	361%	439	33
CPU BOUND	SCHED_RR	100000000	20	44.1	160.25	0.07	363%	460	35
CPU BOUND	SCHED_RR	100000000	20	41.86	153.26	0.03	366%	428	36
CPU BOUND	SCHED_RR	100000000	20	42.22	154.55	0.01	366%	430	36
CPU BOUND	SCHED_RR	100000000	20	44.43	159.38	0.02	358%	466	37
CPU BOUND	SCHED_RR	100000000	20	43.83	161.63	0.01	368%	464	35
CPU BOUND	SCHED_RR	100000000	20	42.77	153.56	0.02	359%	446	32
CPU BOUND	SCHED_RR	100000000	20	44.84	157.61	0.1	351%	471	31
CPU BOUND	SCHED_RR	100000000	20	42.15	153.86	0.05	365%	426	35
CPU BOUND	SCHED_RR	100000000	20	43.91	158.68	0.01	361%	458	35
CPU BOUND	SCHED_RR	100000000	20	42.94	158.85	0.01	369%	453	37
CPU BOUND	SCHED_RR	100000000	20	43.73	156.55	0.04	358%	456	34
CPU BOUND	SCHED_RR	100000000	20	44.78	158.19	0.06	353%	467	32
CPU BOUND	SCHED_RR	100000000	20	44.07	158.24	0.01	359%	465	34

CPU BOUND	SCHED_RR	100000000	20	41.5	152.81	0.01	368%	433	34
CPU BOUND	SCHED_RR	100000000	20	43.77	160.69	0.04	367%	462	32
CPU BOUND	SCHED_RR	100000000	20	44.32	160.03	0.02	361%	470	33
CPU BOUND	SCHED_RR	100000000	20	43.48	152.98	0.07	351%	451	31
CPU BOUND	SCHED_RR	100000000	20	44.84	159.72	0.04	356%	470	34
CPU BOUND	SCHED_RR	100000000	20	42.11	150.48	0.01	357%	432	37
CPU BOUND	SCHED_RR	100000000	20	43.34	158.38	0.03	365%	446	34
CPU BOUND	SCHED_RR	100000000	20	45.03	159	0.02	353%	474	33
CPU BOUND	SCHED_RR	100000000	20	43.08	158.38	0	367%	451	34
CPU BOUND	SCHED_RR	100000000	20	41.91	155.71	0.06	371%	441	33
CPU BOUND	SCHED_RR	100000000	20	44.44	159.72	0.02	359%	472	34
CPU BOUND	SCHED_RR	100000000	20	40.73	151.88	0.02	372%	425	33
CPU BOUND	SCHED_RR	100000000	20	43.6	157.33	0.04	360%	463	35
CPU BOUND	SCHED_RR	100000000	20	44.88	162.37	0.02	361%	478	35
CPU BOUND	SCHED_RR	100000000	20	42.92	154.31	0.08	359%	451	34
CPU BOUND	SCHED_RR	100000000	20	44.41	158.37	0	356%	463	37
CPU BOUND	SCHED_RR	100000000	20	42.89	153.88	0.01	358%	453	33
CPU BOUND	SCHED_RR	100000000	20	41.85	155.44	0.04	371%	436	33
CPU BOUND	SCHED_RR	100000000	20	44.66	159.12	0.06	356%	475	35
CPU BOUND	SCHED_RR	100000000	20	43.95	158.61	0.08	361%	468	32
CPU BOUND	SCHED_RR	100000000	20	41.77	155.49	0.05	372%	437	33
CPU BOUND	SCHED_RR	100000000	20	44.93	159.75	0.04	355%	473	35
CPU BOUND	SCHED_RR	100000000	20	42.73	152.54	0.02	357%	444	30
CPU BOUND	SCHED_RR	100000000	20	44.51	158.44	0.01	355%	468	37
CPU BOUND	SCHED_RR	100000000	20	43.79	160.56	0.02	366%	460	35
CPU BOUND	SCHED_RR	100000000	20	43.19	157.94	0.02	365%	458	33
CPU BOUND	SCHED_RR	100000000	20	43.81	158.52	0.08	361%	467	37
CPU BOUND	SCHED_RR	100000000	20	46.12	165.57	0.06	359%	486	34
CPU BOUND	SCHED_RR	100000000	20	41.63	150.67	0.1	362%	425	35
CPU BOUND	SCHED_RR	100000000	20	45.73	168.24	0.04	367%	502	35
CPU BOUND	SCHED_RR	100000000	20	43.87	161.48	0.03	368%	470	32
CPU BOUND	SCHED_RR	100000000	20	44.24	156.26	0.06	353%	462	32
CPU BOUND	SCHED_RR	100000000	20	44.16	157.8	0	357%	470	36
CPU BOUND	SCHED_RR	100000000	20	44.11	161.44	0.03	366%	468	38
CPU BOUND	SCHED_RR	100000000	20	44.93	165.47	0.02	368%	484	35
CPU BOUND	SCHED_RR	100000000	20	42.98	156.62	0.04	364%	438	37
CPU BOUND	SCHED_RR	100000000	20	44.28	159.46	0.01	360%	466	36
CPU BOUND	SCHED_RR	100000000	20	43.91	161.69	0.04	368%	468	35
CPU BOUND	SCHED_RR	100000000	20	44.73	164.64	0.04	368%	469	36
CPU BOUND	SCHED_RR	100000000	20	42.11	154.24	0.02	366%	438	34
CPU BOUND	SCHED_RR	100000000	20	42.56	150.64	0.04	353%	421	33
CPU BOUND	SCHED_RR	100000000	20	42.98	155.67	0.05	362%	453	34
CPU BOUND	SCHED_RR	100000000	20	44.91	162.35	0.03	361%	477	35
CPU BOUND	SCHED_RR	100000000	20	42.93	160.09	0.02	372%	460	36
CPU BOUND	SCHED_RR	100000000	20	42.87	158.92	0.05	370%	454	34
CPU BOUND	SCHED_RR	100000000	20	42.79	151.69	0.04	354%	439	34
CPU BOUND	SCHED_RR	100000000	20	41.88	154.12	0.03	368%	437	34
CPU BOUND	SCHED_RR	100000000	20	41.15	153.12	0.07	372%	433	35
CPU BOUND	SCHED_RR	100000000	20	44.6	156.49	0.04	350%	461	31
CPU BOUND	SCHED_RR	100000000	20	44.98	161.63	0.04	359%	482	35
CPU BOUND	SCHED_RR	100000000	20	43.97	160.98	0	366%	456	35
CPU BOUND	SCHED_RR	100000000	20	43.89	156.14	0.02	355%	463	35
CPU BOUND	SCHED_RR	100000000	20	41.32	148.51	0.01	359%	429	32
CPU BOUND	SCHED_RR	100000000	20	41.2	149.89	0.06	363%	426	38
CPU BOUND	SCHED_RR	100000000	20	40.61	148.4	0.02	365%	421	31
CPU BOUND	SCHED_RR	100000000	20	41.36	150.5	0.01	363%	428	34
CPU BOUND	SCHED_RR	100000000	20	41.34	150.64	0.02	364%	431	30
CPU BOUND	SCHED_RR	100000000	20	42.61	148.55	0.06	348%	439	32
CPU BOUND	SCHED_RR	100000000	20	40.72	150.35	0.03	369%	427	33
CPU BOUND	SCHED_RR	100000000	20	40.83	149.44	0.01	366%	425	31
CPU BOUND	SCHED_RR	100000000	20	40.58	149.95	0.01	369%	423	31
CPU BOUND	SCHED_RR	100000000	20	41.13	151.81	0	369%	431	35
CPU BOUND	SCHED_RR	100000000	20	44.6	157.22	0.03	352%	462	34
CPU BOUND	SCHED_RR	100000000	20	41.51	149.73	0.01	360%	416	37
CPU BOUND	SCHED_RR	100000000	20	41.82	150.7	0.01	360%	428	37
I/O BOUND	SCHED_FIFO	1	20	7.39	0.01	0.25	3%	1	5881
I/O BOUND	SCHED_FIFO	1	20	5.24	0.01	0.14	2%	1	6766
I/O BOUND	SCHED_FIFO	1	20	3.74	0.03	0.1	3%	1	6554

I/O BOUND	SCHED_FIFO	1	20	5.97	0.01	0.22	3%	1	5299
I/O BOUND	SCHED_FIFO	1	20	5.86	0.01	0.24	4%	1	4677
I/O BOUND	SCHED_FIFO	1	20	6.75	0	0.21	3%	1	6746
I/O BOUND	SCHED_FIFO	1	20	5.61	0.02	0.12	2%	1	6113
I/O BOUND	SCHED_FIFO	1	20	3.31	0	0.3	9%	1	5498
I/O BOUND	SCHED_FIFO	1	20	7.52	0	0.15	2%	1	6280
I/O BOUND	SCHED_FIFO	1	20	6.09	0	0.18	3%	1	7346
I/O BOUND	SCHED_FIFO	1	20	6.01	0	0.28	4%	2	5341
I/O BOUND	SCHED_FIFO	1	20	6.97	0.02	0.08	1%	1	6322
I/O BOUND	SCHED_FIFO	1	20	7.39	0.01	0.26	3%	1	5401
I/O BOUND	SCHED_FIFO	1	20	5.41	0.02	0.13	2%	1	6269
I/O BOUND	SCHED_FIFO	1	20	8.6	0	0.24	2%	1	4837
I/O BOUND	SCHED_FIFO	1	20	8.38	0.01	0.16	2%	1	6328
I/O BOUND	SCHED_FIFO	1	20	5.24	0.01	0.09	1%	1	6493
I/O BOUND	SCHED_FIFO	1	20	8.61	0	0.26	3%	1	4953
I/O BOUND	SCHED_FIFO	1	20	6.8	0	0.26	3%	1	4823
I/O BOUND	SCHED_FIFO	1	20	7.56	0	0.27	3%	1	4837
I/O BOUND	SCHED_FIFO	1	20	2.67	0.02	0.1	4%	1	7225
I/O BOUND	SCHED_FIFO	1	20	6.19	0.02	0.08	1%	1	6028
I/O BOUND	SCHED_FIFO	1	20	7.24	0	0.2	2%	1	5515
I/O BOUND	SCHED_FIFO	1	20	7.07	0.03	0.08	1%	1	7164
I/O BOUND	SCHED_FIFO	1	20	7.55	0.02	0.18	2%	1	7057
I/O BOUND	SCHED_FIFO	1	20	7.5	0.01	0.24	3%	1	5075
I/O BOUND	SCHED_FIFO	1	20	7.58	0.03	0.05	1%	1	7518
I/O BOUND	SCHED_FIFO	1	20	12.66	0	0.27	2%	1	4754
I/O BOUND	SCHED_FIFO	1	20	7.49	0.02	0.23	3%	1	5272
I/O BOUND	SCHED_FIFO	1	20	4.89	0	0.11	2%	1	7033
I/O BOUND	SCHED_FIFO	1	20	3.12	0.01	0.11	4%	1	7168
I/O BOUND	SCHED_FIFO	1	20	4.4	0.05	0.03	1%	1	7491
I/O BOUND	SCHED_FIFO	1	20	8.03	0.06	0.07	1%	1	7306
I/O BOUND	SCHED_FIFO	1	20	9.36	0.02	0.12	1%	1	6859
I/O BOUND	SCHED_FIFO	1	20	8.67	0.02	0.13	1%	1	6974
I/O BOUND	SCHED_FIFO	1	20	7.63	0.02	0.11	1%	1	6272
I/O BOUND	SCHED_FIFO	1	20	8.29	0	0.27	3%	1	4823
I/O BOUND	SCHED_FIFO	1	20	5.27	0	0.14	2%	1	6059
I/O BOUND	SCHED_FIFO	1	20	9.08	0.03	0.09	1%	1	6950
I/O BOUND	SCHED_FIFO	1	20	6.24	0.03	0.16	3%	1	7018
I/O BOUND	SCHED_FIFO	1	20	6.82	0.02	0.14	2%	1	5623
I/O BOUND	SCHED_FIFO	1	20	5.57	0.02	0.11	2%	1	6906
I/O BOUND	SCHED_FIFO	1	20	6.86	0	0.25	3%	1	4951
I/O BOUND	SCHED_FIFO	1	20	8.33	0	0.25	3%	1	4561
I/O BOUND	SCHED_FIFO	1	20	7.38	0	0.24	3%	1	5036
I/O BOUND	SCHED_FIFO	1	20	8.09	0.01	0.24	3%	1	4766
I/O BOUND	SCHED_FIFO	1	20	7.98	0.01	0.16	2%	1	6725
I/O BOUND	SCHED_FIFO	1	20	5.53	0.02	0.08	2%	1	7149
I/O BOUND	SCHED_FIFO	1	20	8.48	0.02	0.1	1%	1	6603
I/O BOUND	SCHED_FIFO	1	20	6.76	0.01	0.14	2%	1	6257
I/O BOUND	SCHED_FIFO	1	20	7.35	0	0.16	2%	1	6548
I/O BOUND	SCHED_FIFO	1	20	7.06	0	0.1	1%	1	6922
I/O BOUND	SCHED_FIFO	1	20	7.68	0.01	0.24	3%	1	4581
I/O BOUND	SCHED_FIFO	1	20	5.53	0.01	0.08	1%	1	6902
I/O BOUND	SCHED_FIFO	1	20	7.67	0	0.16	2%	1	6557
I/O BOUND	SCHED_FIFO	1	20	3.79	0	0.25	6%	1	5081
I/O BOUND	SCHED_FIFO	1	20	3.65	0.02	0.11	3%	1	7515
I/O BOUND	SCHED_FIFO	1	20	2.88	0.02	0.18	7%	1	6946
I/O BOUND	SCHED_FIFO	1	20	4.34	0	0.39	9%	1	4804
I/O BOUND	SCHED_FIFO	1	20	4.97	0.02	0.15	3%	1	4354
I/O BOUND	SCHED_FIFO	1	20	7.66	0.02	0.2	2%	1	6660
I/O BOUND	SCHED_FIFO	1	20	3.2	0	0.14	4%	1	6755
I/O BOUND	SCHED_FIFO	1	20	2.91	0	0.15	5%	1	6451
I/O BOUND	SCHED_FIFO	1	20	5.18	0.01	0.14	3%	1	6292
I/O BOUND	SCHED_FIFO	1	20	8.34	0	0.25	3%	1	4733
I/O BOUND	SCHED_FIFO	1	20	7.82	0.01	0.22	3%	1	6049
I/O BOUND	SCHED_FIFO	1	20	5.26	0.04	0.06	1%	1	7470
I/O BOUND	SCHED_FIFO	1	20	7.51	0	0.31	4%	1	5303
I/O BOUND	SCHED_FIFO	1	20	3.73	0.02	0.09	3%	1	7186
I/O BOUND	SCHED_FIFO	1	20	8.62	0	0.25	2%	1	4954
I/O BOUND	SCHED_FIFO	1	20	2.78	0.04	0.09	5%	1	7116

I/O BOUND	SCHED_FIFO	1	20	4.64	0	0.29	6%	1	4480
I/O BOUND	SCHED_FIFO	1	20	2.89	0.01	0.1	4%	1	7135
I/O BOUND	SCHED_FIFO	1	20	8.74	0.02	0.1	1%	1	7048
I/O BOUND	SCHED_FIFO	1	20	6.49	0.02	0.09	1%	1	6282
I/O BOUND	SCHED_FIFO	1	20	9.48	0.02	0.25	2%	1	4516
I/O BOUND	SCHED_FIFO	1	20	7.84	0.01	0.24	3%	1	4667
I/O BOUND	SCHED_FIFO	1	20	6.21	0.02	0.28	4%	1	6007
I/O BOUND	SCHED_FIFO	1	20	4.46	0	0.16	3%	1	7149
I/O BOUND	SCHED_FIFO	1	20	4.71	0.02	0.09	2%	1	7045
I/O BOUND	SCHED_FIFO	1	20	5.93	0.02	0.13	2%	1	6589
I/O BOUND	SCHED_FIFO	1	20	7.39	0.02	0.12	2%	1	7149
I/O BOUND	SCHED_FIFO	1	20	2.57	0	0.18	7%	1	5555
I/O BOUND	SCHED_FIFO	1	20	7.43	0	0.34	4%	1	5019
I/O BOUND	SCHED_FIFO	1	20	21.11	0.02	0.1	0%	1	7019
I/O BOUND	SCHED_FIFO	1	20	5.79	0.01	0.11	2%	1	6623
I/O BOUND	SCHED_FIFO	1	20	4.32	0.04	0.07	2%	1	7542
I/O BOUND	SCHED_FIFO	1	20	7.06	0.01	0.11	1%	1	7312
I/O BOUND	SCHED_FIFO	1	20	7.52	0	0.24	3%	1	5153
I/O BOUND	SCHED_FIFO	1	20	7.93	0	0.33	4%	1	5039
I/O BOUND	SCHED_FIFO	1	20	7.64	0	0.2	2%	1	6678
I/O BOUND	SCHED_FIFO	1	20	9.76	0.03	0.1	1%	1	6555
I/O BOUND	SCHED_FIFO	1	20	8.1	0.01	0.21	2%	1	4990
I/O BOUND	SCHED_FIFO	1	20	7.3	0.02	0.22	3%	1	4960
I/O BOUND	SCHED_FIFO	1	20	7.66	0.02	0.1	1%	1	7032
I/O BOUND	SCHED_FIFO	1	20	5.16	0.02	0.11	2%	1	6456
I/O BOUND	SCHED_FIFO	1	20	9.02	0.01	0.11	1%	1	6958
I/O BOUND	SCHED_FIFO	1	20	7.57	0.02	0.12	1%	1	6534
I/O BOUND	SCHED_FIFO	1	20	6.55	0	0.12	2%	1	6975
I/O BOUND	SCHED_FIFO	1	20	7.46	0.03	0.13	2%	1	5641
I/O BOUND	SCHED_FIFO	1	20	8.73	0.06	0.09	1%	1	6357
I/O BOUND	SCHED_FIFO	1	20	8.74	0.01	0.26	3%	1	5450
I/O BOUND	SCHED_FIFO	1	20	7.77	0.02	0.22	3%	1	4827
I/O BOUND	SCHED_FIFO	1	20	5.89	0.02	0.12	2%	1	7056
I/O BOUND	SCHED_FIFO	1	20	8.31	0.01	0.18	2%	1	6224
I/O BOUND	SCHED_FIFO	1	20	2.82	0.05	0.05	3%	1	7393
I/O BOUND	SCHED_FIFO	1	20	3.66	0.01	0.08	2%	1	7431
I/O BOUND	SCHED_FIFO	1	20	17.24	0.01	0.25	1%	1	4290
I/O BOUND	SCHED_FIFO	1	20	7.53	0.01	0.11	1%	1	6597
I/O BOUND	SCHED_FIFO	1	20	5.98	0.02	0.13	2%	2	5894
I/O BOUND	SCHED_FIFO	1	20	4.82	0.03	0.1	2%	1	6033
I/O BOUND	SCHED_FIFO	1	20	4.72	0.01	0.1	2%	1	7304
I/O BOUND	SCHED_FIFO	1	20	10.79	0	0.27	2%	1	4454
I/O BOUND	SCHED_FIFO	1	20	8.55	0.02	0.12	1%	1	6753
I/O BOUND	SCHED_FIFO	1	20	2.95	0.02	0.11	4%	1	6796
I/O BOUND	SCHED_FIFO	1	20	8.94	0	0.26	2%	1	4993
I/O BOUND	SCHED_FIFO	1	20	2.52	0.01	0.1	4%	1	6349
I/O BOUND	SCHED_FIFO	1	20	7.51	0.01	0.1	1%	1	6446
I/O BOUND	SCHED_FIFO	1	20	6.42	0.03	0.08	1%	1	6806
I/O BOUND	SCHED_FIFO	1	20	5.79	0.02	0.14	2%	1	5864
I/O BOUND	SCHED_FIFO	1	20	5.24	0.04	0.1	2%	1	6795
I/O BOUND	SCHED_FIFO	1	20	5.23	0.02	0.1	2%	1	7347
I/O BOUND	SCHED_FIFO	1	20	3.89	0.02	0.07	2%	1	7074
I/O BOUND	SCHED_FIFO	1	20	22.99	0.02	0.25	1%	1	4568
I/O BOUND	SCHED_FIFO	1	20	6.7	0.01	0.14	2%	1	5866
I/O BOUND	SCHED_FIFO	1	20	4.41	0.02	0.07	2%	1	7616
I/O BOUND	SCHED_FIFO	1	20	4.58	0.01	0.14	3%	1	6278
I/O BOUND	SCHED_FIFO	1	20	4.43	0.02	0.12	3%	1	6722
I/O BOUND	SCHED_FIFO	1	20	2.75	0.03	0.05	3%	1	7321
I/O BOUND	SCHED_FIFO	1	20	8.24	0.03	0.12	1%	1	5949
I/O BOUND	SCHED_FIFO	1	20	2.66	0	0.13	5%	1	6748
I/O BOUND	SCHED_FIFO	1	20	7.57	0	0.36	4%	1	5460
I/O BOUND	SCHED_FIFO	1	20	7.39	0.03	0.08	1%	1	7358
I/O BOUND	SCHED_FIFO	1	20	10.67	0.01	0.12	1%	1	5965
I/O BOUND	SCHED_FIFO	1	20	9.73	0	0.25	2%	1	4843
I/O BOUND	SCHED_FIFO	1	20	7.74	0	0.26	3%	1	4756
I/O BOUND	SCHED_FIFO	1	20	6.73	0	0.14	2%	1	5695
I/O BOUND	SCHED_FIFO	1	20	6.9	0.02	0.12	2%	1	7015
I/O BOUND	SCHED_FIFO	1	20	6.37	0	0.13	2%	1	6351

I/O BOUND	SCHED_FIFO	1	20	9.53	0.01	0.25	2%	1	4719
I/O BOUND	SCHED_FIFO	1	20	6.71	0.03	0.14	2%	1	5421
I/O BOUND	SCHED_FIFO	1	20	7.84	0.02	0.12	1%	1	6564
I/O BOUND	SCHED_FIFO	1	20	6.13	0.02	0.08	1%	1	6986
I/O BOUND	SCHED_FIFO	1	20	2.51	0.01	0.08	3%	1	6013
I/O BOUND	SCHED_FIFO	1	20	8.54	0.06	0.06	1%	1	7279
I/O BOUND	SCHED_FIFO	1	20	4.79	0.02	0.13	3%	1	5655
I/O BOUND	SCHED_FIFO	1	20	7.65	0.01	0.24	3%	1	4774
I/O BOUND	SCHED_FIFO	1	20	7.39	0.01	0.11	1%	1	5867
I/O BOUND	SCHED_FIFO	1	20	7.16	0.02	0.08	1%	1	7097
I/O BOUND	SCHED_FIFO	1	20	9.08	0.01	0.1	1%	1	6195
I/O BOUND	SCHED_FIFO	1	20	7.8	0.01	0.24	3%	1	4628
I/O BOUND	SCHED_FIFO	1	20	4.76	0.02	0.14	3%	1	6709
I/O BOUND	SCHED_FIFO	1	20	9.45	0.02	0.1	1%	1	6871
I/O BOUND	SCHED_FIFO	1	20	5.09	0.02	0.15	3%	1	6956
I/O BOUND	SCHED_FIFO	1	20	7.33	0	0.33	4%	1	5839
I/O BOUND	SCHED_FIFO	1	20	16.1	0.03	0.08	0%	1	6672
I/O BOUND	SCHED_FIFO	1	20	6.57	0.01	0.08	1%	1	6403
I/O BOUND	SCHED_FIFO	1	20	4.16	0.04	0.07	2%	1	7245
I/O BOUND	SCHED_FIFO	1	20	5.55	0.04	0.15	3%	1	6696
I/O BOUND	SCHED_FIFO	1	20	4.54	0.02	0.11	2%	1	7290
I/O BOUND	SCHED_FIFO	1	20	10.79	0.03	0.21	2%	1	4759
I/O BOUND	SCHED_FIFO	1	20	6.97	0.02	0.18	2%	1	6983
I/O BOUND	SCHED_FIFO	1	20	7.72	0	0.24	3%	1	5247
I/O BOUND	SCHED_FIFO	1	20	3.93	0	0.28	7%	1	5638
I/O BOUND	SCHED_FIFO	1	20	7.46	0.03	0.12	2%	1	6723
I/O BOUND	SCHED_FIFO	1	20	10.14	0.03	0.09	1%	1	7184
I/O BOUND	SCHED_FIFO	1	20	10.08	0.03	0.06	1%	1	7561
I/O BOUND	SCHED_FIFO	1	20	6.43	0.02	0.26	4%	1	4664
I/O BOUND	SCHED_FIFO	1	20	7.45	0.01	0.14	2%	1	6101
I/O BOUND	SCHED_FIFO	1	20	8	0.01	0.24	3%	1	4528
I/O BOUND	SCHED_FIFO	1	20	7.38	0.02	0.07	1%	1	6734
I/O BOUND	SCHED_FIFO	1	20	6.97	0.01	0.32	4%	1	5043
I/O BOUND	SCHED_FIFO	1	20	7.46	0.01	0.2	2%	1	5099
I/O BOUND	SCHED_FIFO	1	20	7.35	0	0.24	3%	1	5398
I/O BOUND	SCHED_FIFO	1	20	6.31	0.02	0.14	2%	1	6210
I/O BOUND	SCHED_FIFO	1	20	7	0	0.23	3%	1	4932
I/O BOUND	SCHED_FIFO	1	20	17.84	0.01	0.24	1%	1	4546
I/O BOUND	SCHED_FIFO	1	20	6.46	0	0.23	3%	1	5182
I/O BOUND	SCHED_FIFO	1	20	7.39	0	0.23	3%	1	4942
I/O BOUND	SCHED_FIFO	1	20	6.17	0	0.17	2%	1	5087
I/O BOUND	SCHED_FIFO	1	20	2.87	0	0.14	5%	1	6660
I/O BOUND	SCHED_FIFO	1	20	8.36	0.02	0.11	1%	1	6728
I/O BOUND	SCHED_FIFO	1	20	3.33	0	0.23	6%	1	4478
I/O BOUND	SCHED_FIFO	1	20	3.18	0.01	0.17	5%	1	7198
I/O BOUND	SCHED_FIFO	1	20	7.44	0	0.29	3%	1	5141
I/O BOUND	SCHED_FIFO	1	20	7.24	0.02	0.1	1%	1	6953
I/O BOUND	SCHED_FIFO	1	20	6.54	0	0.26	3%	1	5014
I/O BOUND	SCHED_FIFO	1	20	4.64	0	0.15	3%	1	5446
I/O BOUND	SCHED_FIFO	1	20	5.51	0.01	0.1	2%	1	5691
I/O BOUND	SCHED_FIFO	1	20	7.4	0	0.24	3%	1	5138
I/O BOUND	SCHED_FIFO	1	20	6.73	0	0.26	4%	1	5408
I/O BOUND	SCHED_FIFO	1	20	6.37	0.02	0.16	2%	0	6867
I/O BOUND	SCHED_FIFO	1	20	5.35	0.02	0.12	2%	1	7338
I/O BOUND	SCHED_FIFO	1	20	6.03	0	0.24	4%	1	5004
I/O BOUND	SCHED_FIFO	1	20	3.01	0	0.27	9%	1	6264
I/O BOUND	SCHED_FIFO	1	20	6.93	0	0.16	2%	1	5649
I/O BOUND	SCHED_FIFO	1	20	2.26	0.01	0.09	4%	1	6554
I/O BOUND	SCHED_FIFO	1	20	5.56	0.01	0.22	4%	0	6800
I/O BOUND	SCHED_FIFO	1	20	6.5	0.02	0.09	1%	1	7018
I/O BOUND	SCHED_FIFO	1	20	6.91	0.04	0.12	2%	1	7489
I/O BOUND	SCHED_FIFO	1	20	2.8	0.02	0.08	3%	1	7181
I/O BOUND	SCHED_FIFO	1	20	7.17	0	0.12	1%	1	6422
I/O BOUND	SCHED_FIFO	1	20	6.9	0.01	0.24	3%	1	6904
I/O BOUND	SCHED_FIFO	1	20	6.48	0.02	0.12	2%	1	6967
I/O BOUND	SCHED_FIFO	1	20	4.35	0	0.14	3%	1	5795
I/O BOUND	SCHED_FIFO	1	20	6.88	0	0.3	4%	1	4732
I/O BOUND	SCHED_FIFO	1	20	5.52	0.01	0.16	3%	1	6761

I/O BOUND	SCHED_FIFO	1	20	2.43	0.04	0.04	3%	1	7646
I/O BOUND	SCHED_FIFO	1	20	4.06	0.01	0.14	3%	1	6048
I/O BOUND	SCHED_FIFO	1	20	8.45	0.01	0.26	3%	1	4638
I/O BOUND	SCHED_FIFO	1	20	8.18	0.01	0.22	2%	1	4847
I/O BOUND	SCHED_FIFO	1	20	7.62	0.03	0.1	1%	1	7217
I/O BOUND	SCHED_FIFO	1	20	7.39	0.01	0.24	3%	1	4607
I/O BOUND	SCHED_FIFO	1	20	5.48	0.02	0.1	2%	1	7102
I/O BOUND	SCHED_FIFO	1	20	7.88	0	0.28	3%	1	6291
I/O BOUND	SCHED_FIFO	1	20	5.36	0.01	0.11	2%	1	6981
I/O BOUND	SCHED_FIFO	1	20	7.27	0.01	0.1	1%	1	6783
I/O BOUND	SCHED_FIFO	1	20	4.07	0.01	0.11	3%	1	7298
I/O BOUND	SCHED_FIFO	1	20	7.9	0	0.24	3%	1	5418
I/O BOUND	SCHED_FIFO	1	20	4.92	0.02	0.14	3%	1	5690
I/O BOUND	SCHED_FIFO	1	20	3.37	0.03	0.11	4%	1	7244
I/O BOUND	SCHED_FIFO	1	20	7.13	0	0.28	3%	1	5296
I/O BOUND	SCHED_FIFO	1	20	4.87	0.03	0.07	2%	1	7313
I/O BOUND	SCHED_FIFO	1	20	2.33	0.02	0.07	4%	1	7486
I/O BOUND	SCHED_FIFO	1	20	2.77	0	0.15	5%	1	5680
I/O BOUND	SCHED_FIFO	1	20	4.13	0	0.38	9%	1	6166
I/O BOUND	SCHED_FIFO	1	20	9.27	0	0.23	2%	1	5097
I/O BOUND	SCHED_FIFO	1	20	7.97	0	0.12	1%	1	6336
I/O BOUND	SCHED_FIFO	1	20	4.34	0.03	0.1	3%	1	7268
I/O BOUND	SCHED_FIFO	1	20	3.39	0.02	0.12	4%	1	6977
I/O BOUND	SCHED_FIFO	1	20	5.02	0.01	0.21	4%	1	6553
I/O BOUND	SCHED_FIFO	1	20	7.39	0.02	0.06	1%	1	7646
I/O BOUND	SCHED_FIFO	1	20	6.15	0.01	0.22	3%	1	4928
I/O BOUND	SCHED_FIFO	1	20	6.75	0	0.44	6%	1	6199
I/O BOUND	SCHED_FIFO	1	20	9.3	0.02	0.26	3%	1	6507
I/O BOUND	SCHED_FIFO	1	20	6.36	0.02	0.23	4%	1	4960
I/O BOUND	SCHED_FIFO	1	20	7.56	0.03	0.13	2%	1	6605
I/O BOUND	SCHED_FIFO	1	20	10.06	0.02	0.1	1%	1	5901
I/O BOUND	SCHED_FIFO	1	20	7.44	0.02	0.1	1%	1	7247
I/O BOUND	SCHED_FIFO	1	20	8.76	0.02	0.12	1%	1	7210
I/O BOUND	SCHED_FIFO	1	20	8.96	0.01	0.24	2%	1	4957
I/O BOUND	SCHED_FIFO	1	20	7.63	0	0.34	4%	1	5687
I/O BOUND	SCHED_FIFO	1	20	4.99	0.03	0.1	2%	1	7003
I/O BOUND	SCHED_FIFO	1	20	7.93	0.04	0.11	2%	1	5951
I/O BOUND	SCHED_FIFO	1	20	9.38	0	0.15	1%	1	6182
I/O BOUND	SCHED_FIFO	1	20	7.6	0.02	0.14	2%	1	7410
I/O BOUND	SCHED_FIFO	1	20	8.18	0.02	0.1	1%	1	6556
I/O BOUND	SCHED_FIFO	1	20	6.73	0.03	0.12	2%	1	6928
I/O BOUND	SCHED_FIFO	1	20	7.39	0.04	0.12	2%	1	7409
I/O BOUND	SCHED_FIFO	1	20	11.23	0.01	0.14	1%	1	5614
I/O BOUND	SCHED_FIFO	1	20	8.26	0.01	0.32	4%	1	5553
I/O BOUND	SCHED_FIFO	1	20	7.89	0	0.23	2%	1	5244
I/O BOUND	SCHED_FIFO	1	20	4.45	0	0.12	3%	1	6832
I/O BOUND	SCHED_FIFO	1	20	15.36	0.03	0.07	0%	1	6865
I/O BOUND	SCHED_FIFO	1	20	15.71	0.02	0.08	0%	1	6675
I/O BOUND	SCHED_FIFO	1	20	7.99	0.01	0.33	4%	1	4779
I/O BOUND	SCHED_FIFO	1	20	8.74	0	0.28	3%	1	5072
I/O BOUND	SCHED_FIFO	1	20	8.44	0.02	0.12	1%	1	6835
I/O BOUND	SCHED_FIFO	1	20	7.14	0.02	0.21	3%	1	4912
I/O BOUND	SCHED_FIFO	1	20	6.96	0	0.13	2%	1	6832
I/O BOUND	SCHED_FIFO	1	20	7.67	0	0.28	3%	1	4753
I/O BOUND	SCHED_FIFO	1	20	9.57	0.01	0.12	1%	1	6406
I/O BOUND	SCHED_FIFO	1	20	5.45	0.02	0.1	2%	1	6930
I/O BOUND	SCHED_FIFO	1	20	8.62	0.01	0.14	1%	1	6968
I/O BOUND	SCHED_FIFO	1	20	8.68	0.08	0.13	2%	1	6151
I/O BOUND	SCHED_FIFO	1	20	7.96	0.01	0.24	3%	1	5043
I/O BOUND	SCHED_FIFO	1	20	5.23	0.02	0.14	3%	1	6150
I/O BOUND	SCHED_FIFO	1	20	27.54	0	0.27	1%	1	4619
I/O BOUND	SCHED_FIFO	1	20	12.32	0.02	0.14	1%	1	6397
I/O BOUND	SCHED_FIFO	1	20	7.85	0	0.25	3%	1	4930
I/O BOUND	SCHED_FIFO	1	20	7.73	0.01	0.28	3%	1	4789
I/O BOUND	SCHED_FIFO	1	20	6.1	0.02	0.23	4%	1	4769
I/O BOUND	SCHED_FIFO	1	20	15.46	0.01	0.08	0%	1	5958
I/O BOUND	SCHED_FIFO	1	20	11.87	0.01	0.23	2%	1	4967
I/O BOUND	SCHED_FIFO	1	20	3.74	0.03	0.11	3%	1	6741

I/O BOUND	SCHED_FIFO	1	20	10.18	0	0.26	2%	1	4801
I/O BOUND	SCHED_FIFO	1	20	5.51	0.02	0.1	2%	1	7016
I/O BOUND	SCHED_FIFO	1	20	2.99	0.02	0.14	5%	1	6386
I/O BOUND	SCHED_FIFO	1	20	6.84	0	0.13	2%	1	7234
I/O BOUND	SCHED_FIFO	1	20	7.26	0	0.27	3%	1	4745
I/O BOUND	SCHED_FIFO	1	20	7.49	0.02	0.22	3%	1	5207
I/O BOUND	SCHED_FIFO	1	20	9.18	0	0.16	1%	1	6754
I/O BOUND	SCHED_FIFO	1	20	12.7	0.02	0.14	1%	1	6232
I/O BOUND	SCHED_FIFO	1	20	7.34	0.01	0.12	1%	1	6777
I/O BOUND	SCHED_FIFO	1	20	8.89	0.01	0.31	3%	1	5985
I/O BOUND	SCHED_FIFO	1	20	4.43	0	0.13	3%	1	7243
I/O BOUND	SCHED_FIFO	1	20	4.04	0	0.16	4%	1	6881
I/O BOUND	SCHED_FIFO	1	20	12.64	0.02	0.21	1%	1	6503
I/O BOUND	SCHED_FIFO	1	20	9.39	0	0.26	2%	1	4672
I/O BOUND	SCHED_FIFO	1	20	5.08	0.01	0.24	5%	1	5323
I/O BOUND	SCHED_FIFO	1	20	4.19	0	0.16	4%	1	6472
I/O BOUND	SCHED_FIFO	1	20	11.86	0.03	0.08	1%	1	7466
I/O BOUND	SCHED_FIFO	1	20	4.81	0.02	0.13	3%	1	6483
I/O BOUND	SCHED_FIFO	1	20	8.39	0.01	0.25	3%	1	4770
I/O BOUND	SCHED_FIFO	1	20	5.86	0	0.13	2%	1	6775
I/O BOUND	SCHED_FIFO	1	20	4.61	0.03	0.08	2%	1	7130
I/O BOUND	SCHED_FIFO	1	20	12.38	0.02	0.26	2%	1	4665
I/O BOUND	SCHED_FIFO	1	20	13.44	0.01	0.16	1%	1	7168
I/O BOUND	SCHED_FIFO	1	20	8.53	0.01	0.14	1%	1	6453
I/O BOUND	SCHED_FIFO	1	20	8.06	0.01	0.13	1%	1	6663
I/O BOUND	SCHED_OTHER	1	20	5.52	0	0.35	6%	165	7158
I/O BOUND	SCHED_OTHER	1	20	5.59	0.01	0.2	3%	136	7244
I/O BOUND	SCHED_OTHER	1	20	1.55	0.02	0.16	11%	140	7543
I/O BOUND	SCHED_OTHER	1	20	1.77	0	0.2	11%	178	7260
I/O BOUND	SCHED_OTHER	1	20	3.94	0.01	0.2	5%	134	7539
I/O BOUND	SCHED_OTHER	1	20	3.62	0	0.56	15%	176	7281
I/O BOUND	SCHED_OTHER	1	20	4.45	0	0.45	10%	77	7467
I/O BOUND	SCHED_OTHER	1	20	8.02	0	0.22	2%	130	7248
I/O BOUND	SCHED_OTHER	1	20	1.8	0	0.22	12%	106	6900
I/O BOUND	SCHED_OTHER	1	20	1.75	0.01	0.25	15%	114	6625
I/O BOUND	SCHED_OTHER	1	20	6.16	0.01	0.33	5%	120	7297
I/O BOUND	SCHED_OTHER	1	20	11.08	0	0.4	3%	129	6624
I/O BOUND	SCHED_OTHER	1	20	3.56	0	0.42	11%	125	7260
I/O BOUND	SCHED_OTHER	1	20	4.14	0.01	0.3	7%	161	6711
I/O BOUND	SCHED_OTHER	1	20	1.53	0.01	0.2	13%	113	7096
I/O BOUND	SCHED_OTHER	1	20	1.78	0	0.21	11%	143	7035
I/O BOUND	SCHED_OTHER	1	20	2.4	0	0.21	9%	110	6938
I/O BOUND	SCHED_OTHER	1	20	2.63	0.02	0.19	8%	113	6885
I/O BOUND	SCHED_OTHER	1	20	2.05	0.02	0.24	13%	145	6988
I/O BOUND	SCHED_OTHER	1	20	3.89	0	0.28	7%	153	7319
I/O BOUND	SCHED_OTHER	1	20	4.07	0	0.19	4%	118	7572
I/O BOUND	SCHED_OTHER	1	20	1.54	0	0.17	11%	120	7208
I/O BOUND	SCHED_OTHER	1	20	2.05	0.01	0.2	10%	136	7291
I/O BOUND	SCHED_OTHER	1	20	4.7	0.01	0.36	8%	173	7011
I/O BOUND	SCHED_OTHER	1	20	2.73	0.03	0.17	7%	156	7022
I/O BOUND	SCHED_OTHER	1	20	2.05	0	0.32	16%	161	7173
I/O BOUND	SCHED_OTHER	1	20	8.19	0	0.28	3%	109	6430
I/O BOUND	SCHED_OTHER	1	20	2.85	0	0.21	7%	134	6613
I/O BOUND	SCHED_OTHER	1	20	1.92	0.01	0.18	10%	96	7552
I/O BOUND	SCHED_OTHER	1	20	1.82	0.01	0.16	9%	57	7063
I/O BOUND	SCHED_OTHER	1	20	4.13	0	0.24	6%	131	7126
I/O BOUND	SCHED_OTHER	1	20	15.92	0.01	0.28	1%	113	6465
I/O BOUND	SCHED_OTHER	1	20	3.7	0	0.18	5%	197	7427
I/O BOUND	SCHED_OTHER	1	20	3.13	0.02	0.21	7%	153	7107
I/O BOUND	SCHED_OTHER	1	20	1.75	0.02	0.18	11%	163	7140
I/O BOUND	SCHED_OTHER	1	20	6.25	0	0.19	3%	150	7482
I/O BOUND	SCHED_OTHER	1	20	6.68	0.01	0.29	4%	110	7334
I/O BOUND	SCHED_OTHER	1	20	1.82	0	0.24	13%	139	6971
I/O BOUND	SCHED_OTHER	1	20	2.03	0.01	0.16	9%	70	7614
I/O BOUND	SCHED_OTHER	1	20	1.7	0.02	0.13	9%	103	7142
I/O BOUND	SCHED_OTHER	1	20	2.92	0	0.26	9%	109	6348
I/O BOUND	SCHED_OTHER	1	20	7.44	0.03	0.53	7%	143	7148
I/O BOUND	SCHED_OTHER	1	20	1.8	0.02	0.22	13%	131	7391

I/O BOUND	SCHED_OTHER	1	20	6.59	0.01	0.29	4%	208	7077
I/O BOUND	SCHED_OTHER	1	20	2.21	0	0.22	10%	128	6797
I/O BOUND	SCHED_OTHER	1	20	1.79	0	0.2	12%	156	7498
I/O BOUND	SCHED_OTHER	1	20	1.89	0	0.25	13%	184	6994
I/O BOUND	SCHED_OTHER	1	20	1.89	0.04	0.15	10%	109	7308
I/O BOUND	SCHED_OTHER	1	20	12.7	0	0.52	4%	211	7186
I/O BOUND	SCHED_OTHER	1	20	1.97	0.02	0.27	15%	150	7460
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.51	32%	96	6563
I/O BOUND	SCHED_OTHER	1	20	4.21	0.02	0.17	4%	156	7300
I/O BOUND	SCHED_OTHER	1	20	1.52	0.01	0.18	12%	119	7601
I/O BOUND	SCHED_OTHER	1	20	2.12	0.03	0.22	12%	151	6636
I/O BOUND	SCHED_OTHER	1	20	1.58	0.01	0.18	12%	77	7419
I/O BOUND	SCHED_OTHER	1	20	1.51	0.02	0.17	12%	113	7492
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.16	10%	108	7130
I/O BOUND	SCHED_OTHER	1	20	1.71	0	0.23	13%	173	6988
I/O BOUND	SCHED_OTHER	1	20	2.2	0.03	0.19	10%	129	7234
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.25	16%	132	7052
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.17	11%	118	7242
I/O BOUND	SCHED_OTHER	1	20	1.52	0.03	0.18	14%	158	7360
I/O BOUND	SCHED_OTHER	1	20	1.49	0.01	0.15	11%	164	7523
I/O BOUND	SCHED_OTHER	1	20	1.43	0.02	0.15	12%	157	7452
I/O BOUND	SCHED_OTHER	1	20	1.47	0.02	0.18	13%	169	6998
I/O BOUND	SCHED_OTHER	1	20	1.46	0.01	0.16	12%	126	7419
I/O BOUND	SCHED_OTHER	1	20	1.47	0.01	0.16	11%	89	7600
I/O BOUND	SCHED_OTHER	1	20	1.54	0.01	0.22	15%	172	7207
I/O BOUND	SCHED_OTHER	1	20	1.59	0	0.21	13%	121	7029
I/O BOUND	SCHED_OTHER	1	20	4.49	0	0.24	5%	92	6638
I/O BOUND	SCHED_OTHER	1	20	4.77	0	0.24	5%	170	6994
I/O BOUND	SCHED_OTHER	1	20	3.97	0	0.29	7%	198	7422
I/O BOUND	SCHED_OTHER	1	20	7.02	0.03	0.25	4%	141	6904
I/O BOUND	SCHED_OTHER	1	20	1.38	0.02	0.16	13%	151	7456
I/O BOUND	SCHED_OTHER	1	20	4.17	0.03	0.53	13%	174	7145
I/O BOUND	SCHED_OTHER	1	20	2.4	0.04	0.19	9%	186	6813
I/O BOUND	SCHED_OTHER	1	20	2.07	0	0.24	11%	144	6901
I/O BOUND	SCHED_OTHER	1	20	1.64	0	0.34	21%	104	7314
I/O BOUND	SCHED_OTHER	1	20	1.58	0.01	0.37	24%	143	7213
I/O BOUND	SCHED_OTHER	1	20	1.69	0	0.18	11%	107	7176
I/O BOUND	SCHED_OTHER	1	20	11.68	0	0.42	3%	186	6921
I/O BOUND	SCHED_OTHER	1	20	3.41	0.02	0.16	5%	115	7488
I/O BOUND	SCHED_OTHER	1	20	4.41	0.01	0.23	5%	158	7126
I/O BOUND	SCHED_OTHER	1	20	1.78	0.04	0.17	12%	138	7463
I/O BOUND	SCHED_OTHER	1	20	1.64	0	0.2	12%	137	7180
I/O BOUND	SCHED_OTHER	1	20	1.62	0.02	0.16	11%	98	7048
I/O BOUND	SCHED_OTHER	1	20	2.52	0	0.2	8%	131	7272
I/O BOUND	SCHED_OTHER	1	20	2.28	0	0.18	8%	109	7466
I/O BOUND	SCHED_OTHER	1	20	2.96	0.02	0.31	11%	151	7291
I/O BOUND	SCHED_OTHER	1	20	5.2	0	0.36	6%	170	7179
I/O BOUND	SCHED_OTHER	1	20	5.03	0	0.28	5%	119	7259
I/O BOUND	SCHED_OTHER	1	20	1.69	0.06	0.12	11%	87	7629
I/O BOUND	SCHED_OTHER	1	20	1.45	0.03	0.16	13%	128	7439
I/O BOUND	SCHED_OTHER	1	20	6.58	0.03	0.21	3%	151	7171
I/O BOUND	SCHED_OTHER	1	20	1.96	0	0.19	9%	200	7496
I/O BOUND	SCHED_OTHER	1	20	1.77	0.01	0.18	11%	150	7211
I/O BOUND	SCHED_OTHER	1	20	2.41	0	0.2	8%	153	7296
I/O BOUND	SCHED_OTHER	1	20	1.44	0.02	0.14	11%	136	7485
I/O BOUND	SCHED_OTHER	1	20	2.52	0	0.43	17%	147	7347
I/O BOUND	SCHED_OTHER	1	20	1.78	0.01	0.18	11%	126	6899
I/O BOUND	SCHED_OTHER	1	20	1.87	0.01	0.18	10%	155	7412
I/O BOUND	SCHED_OTHER	1	20	4.36	0.03	0.62	15%	129	7030
I/O BOUND	SCHED_OTHER	1	20	1.49	0.04	0.12	11%	130	7503
I/O BOUND	SCHED_OTHER	1	20	2.84	0.03	0.18	7%	107	6978
I/O BOUND	SCHED_OTHER	1	20	1.43	0.01	0.17	13%	119	7165
I/O BOUND	SCHED_OTHER	1	20	1.97	0.01	0.15	8%	117	7447
I/O BOUND	SCHED_OTHER	1	20	1.36	0.01	0.16	13%	108	7280
I/O BOUND	SCHED_OTHER	1	20	2.12	0.01	0.28	13%	121	6648
I/O BOUND	SCHED_OTHER	1	20	4.56	0	0.47	10%	103	7316
I/O BOUND	SCHED_OTHER	1	20	1.5	0.02	0.15	11%	107	7240
I/O BOUND	SCHED_OTHER	1	20	3.92	0	0.2	5%	159	7343

I/O BOUND	SCHED_OTHER	1	20	1.77	0.01	0.17	10%	144	7184
I/O BOUND	SCHED_OTHER	1	20	1.71	0.02	0.2	13%	104	7088
I/O BOUND	SCHED_OTHER	1	20	2	0	0.18	8%	84	7556
I/O BOUND	SCHED_OTHER	1	20	2.67	0	0.48	18%	87	7147
I/O BOUND	SCHED_OTHER	1	20	1.52	0	0.19	13%	125	7251
I/O BOUND	SCHED_OTHER	1	20	10.61	0.01	0.28	2%	124	6872
I/O BOUND	SCHED_OTHER	1	20	4.92	0	0.2	4%	92	7469
I/O BOUND	SCHED_OTHER	1	20	1.55	0.01	0.18	12%	67	7440
I/O BOUND	SCHED_OTHER	1	20	1.72	0.01	0.17	10%	99	7448
I/O BOUND	SCHED_OTHER	1	20	1.94	0	0.35	18%	125	7502
I/O BOUND	SCHED_OTHER	1	20	8.86	0	0.59	6%	185	6705
I/O BOUND	SCHED_OTHER	1	20	13.29	0	0.76	5%	188	6698
I/O BOUND	SCHED_OTHER	1	20	3.2	0	0.24	7%	105	7515
I/O BOUND	SCHED_OTHER	1	20	4.23	0	0.17	4%	108	7367
I/O BOUND	SCHED_OTHER	1	20	3.25	0	0.18	6%	170	7196
I/O BOUND	SCHED_OTHER	1	20	1.54	0.02	0.14	11%	153	7460
I/O BOUND	SCHED_OTHER	1	20	1.6	0.01	0.18	12%	131	7289
I/O BOUND	SCHED_OTHER	1	20	1.66	0	0.16	9%	102	7461
I/O BOUND	SCHED_OTHER	1	20	3.93	0	0.3	7%	164	6501
I/O BOUND	SCHED_OTHER	1	20	1.51	0.02	0.16	12%	77	7477
I/O BOUND	SCHED_OTHER	1	20	1.76	0	0.25	14%	130	7236
I/O BOUND	SCHED_OTHER	1	20	1.73	0.02	0.16	10%	108	7530
I/O BOUND	SCHED_OTHER	1	20	3.5	0.01	0.16	5%	117	7525
I/O BOUND	SCHED_OTHER	1	20	5.67	0.01	0.22	4%	85	6801
I/O BOUND	SCHED_OTHER	1	20	1.91	0.01	0.2	11%	92	7392
I/O BOUND	SCHED_OTHER	1	20	1.86	0.01	0.22	13%	158	7251
I/O BOUND	SCHED_OTHER	1	20	1.55	0.01	0.17	12%	150	7315
I/O BOUND	SCHED_OTHER	1	20	4.97	0.01	0.33	7%	144	7280
I/O BOUND	SCHED_OTHER	1	20	1.89	0	0.23	12%	119	7268
I/O BOUND	SCHED_OTHER	1	20	1.73	0.01	0.15	9%	104	7431
I/O BOUND	SCHED_OTHER	1	20	2.37	0	0.2	8%	125	7351
I/O BOUND	SCHED_OTHER	1	20	1.48	0	0.2	13%	172	7018
I/O BOUND	SCHED_OTHER	1	20	1.89	0.01	0.18	10%	96	6885
I/O BOUND	SCHED_OTHER	1	20	1.9	0	0.31	16%	130	7530
I/O BOUND	SCHED_OTHER	1	20	7.35	0.08	1.01	15%	149	6285
I/O BOUND	SCHED_OTHER	1	20	17.52	0	0.32	1%	227	7441
I/O BOUND	SCHED_OTHER	1	20	3.11	0	0.24	7%	103	7131
I/O BOUND	SCHED_OTHER	1	20	1.95	0	0.19	10%	84	7494
I/O BOUND	SCHED_OTHER	1	20	4.21	0.01	0.18	4%	117	7311
I/O BOUND	SCHED_OTHER	1	20	1.46	0.02	0.18	14%	155	6981
I/O BOUND	SCHED_OTHER	1	20	1.4	0.01	0.2	15%	99	6870
I/O BOUND	SCHED_OTHER	1	20	1.58	0.02	0.19	13%	125	6692
I/O BOUND	SCHED_OTHER	1	20	1.6	0.02	0.12	9%	94	7497
I/O BOUND	SCHED_OTHER	1	20	10.25	0	0.42	4%	103	7094
I/O BOUND	SCHED_OTHER	1	20	1.39	0.02	0.2	16%	128	7317
I/O BOUND	SCHED_OTHER	1	20	1.51	0.02	0.16	12%	128	7379
I/O BOUND	SCHED_OTHER	1	20	1.67	0.02	0.22	14%	167	7116
I/O BOUND	SCHED_OTHER	1	20	2.75	0.02	0.16	6%	206	7298
I/O BOUND	SCHED_OTHER	1	20	1.7	0	0.18	10%	78	7364
I/O BOUND	SCHED_OTHER	1	20	1.58	0	0.17	11%	74	7113
I/O BOUND	SCHED_OTHER	1	20	3.99	0	0.19	5%	113	7205
I/O BOUND	SCHED_OTHER	1	20	1.44	0.04	0.13	12%	66	7610
I/O BOUND	SCHED_OTHER	1	20	4.38	0	0.18	4%	110	7255
I/O BOUND	SCHED_OTHER	1	20	2.51	0.02	0.31	13%	159	7220
I/O BOUND	SCHED_OTHER	1	20	1.8	0	0.32	18%	132	7129
I/O BOUND	SCHED_OTHER	1	20	1.58	0.02	0.21	15%	139	7707
I/O BOUND	SCHED_OTHER	1	20	1.5	0	0.19	12%	142	7272
I/O BOUND	SCHED_OTHER	1	20	1.53	0	0.4	26%	197	7369
I/O BOUND	SCHED_OTHER	1	20	1.95	0.01	0.2	11%	126	7241
I/O BOUND	SCHED_OTHER	1	20	1.85	0	0.22	12%	146	7042
I/O BOUND	SCHED_OTHER	1	20	1.52	0.04	0.14	12%	131	7546
I/O BOUND	SCHED_OTHER	1	20	1.59	0	0.4	25%	174	7290
I/O BOUND	SCHED_OTHER	1	20	1.43	0.01	0.14	11%	109	7315
I/O BOUND	SCHED_OTHER	1	20	1.73	0	0.19	11%	119	7403
I/O BOUND	SCHED_OTHER	1	20	1.82	0.02	0.18	11%	109	6842
I/O BOUND	SCHED_OTHER	1	20	1.44	0.02	0.15	12%	139	7440
I/O BOUND	SCHED_OTHER	1	20	1.58	0.06	0.12	11%	146	7057
I/O BOUND	SCHED_OTHER	1	20	1.77	0.01	0.56	32%	110	6999

I/O BOUND	SCHED_OTHER	1	20	8.93	0	0.86	9%	149	7135
I/O BOUND	SCHED_OTHER	1	20	2.21	0.02	0.14	7%	167	7284
I/O BOUND	SCHED_OTHER	1	20	1.63	0.02	0.2	13%	106	7076
I/O BOUND	SCHED_OTHER	1	20	1.46	0.01	0.17	12%	103	7075
I/O BOUND	SCHED_OTHER	1	20	1.44	0.02	0.17	13%	148	7491
I/O BOUND	SCHED_OTHER	1	20	2.8	0	0.21	7%	98	7247
I/O BOUND	SCHED_OTHER	1	20	1.96	0.02	0.55	29%	138	7518
I/O BOUND	SCHED_OTHER	1	20	1.32	0	0.19	14%	102	7126
I/O BOUND	SCHED_OTHER	1	20	1.52	0.02	0.16	12%	123	7496
I/O BOUND	SCHED_OTHER	1	20	1.54	0.02	0.17	12%	126	7392
I/O BOUND	SCHED_OTHER	1	20	2.68	0.02	0.17	7%	75	7411
I/O BOUND	SCHED_OTHER	1	20	1.6	0.01	0.19	12%	97	7025
I/O BOUND	SCHED_OTHER	1	20	1.5	0	0.17	12%	154	7201
I/O BOUND	SCHED_OTHER	1	20	1.51	0	0.29	19%	195	6809
I/O BOUND	SCHED_OTHER	1	20	4.12	0.02	0.36	9%	102	7055
I/O BOUND	SCHED_OTHER	1	20	2.23	0	0.34	15%	164	7158
I/O BOUND	SCHED_OTHER	1	20	1.38	0	0.18	13%	124	7294
I/O BOUND	SCHED_OTHER	1	20	2.06	0.03	0.13	8%	122	7456
I/O BOUND	SCHED_OTHER	1	20	1.96	0.01	0.16	9%	77	7527
I/O BOUND	SCHED_OTHER	1	20	1.59	0	0.18	11%	113	7171
I/O BOUND	SCHED_OTHER	1	20	3.56	0.01	0.22	6%	138	7081
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.21	13%	101	6631
I/O BOUND	SCHED_OTHER	1	20	1.59	0.01	0.17	12%	82	7369
I/O BOUND	SCHED_OTHER	1	20	1.6	0.01	0.15	10%	91	7574
I/O BOUND	SCHED_OTHER	1	20	4.7	0	0.32	6%	143	6511
I/O BOUND	SCHED_OTHER	1	20	1.76	0.02	0.13	9%	143	7700
I/O BOUND	SCHED_OTHER	1	20	1.99	0.03	0.12	8%	124	7692
I/O BOUND	SCHED_OTHER	1	20	1.57	0.02	0.17	12%	116	7370
I/O BOUND	SCHED_OTHER	1	20	1.59	0	0.28	17%	181	7354
I/O BOUND	SCHED_OTHER	1	20	6.37	0.01	0.19	3%	103	7274
I/O BOUND	SCHED_OTHER	1	20	2.09	0	0.34	16%	96	7360
I/O BOUND	SCHED_OTHER	1	20	1.41	0.03	0.14	12%	143	7290
I/O BOUND	SCHED_OTHER	1	20	1.59	0.03	0.14	11%	61	7566
I/O BOUND	SCHED_OTHER	1	20	1.6	0	0.2	12%	131	6915
I/O BOUND	SCHED_OTHER	1	20	3.77	0	0.22	6%	146	7203
I/O BOUND	SCHED_OTHER	1	20	1.7	0.01	0.21	13%	64	7068
I/O BOUND	SCHED_OTHER	1	20	1.71	0	0.26	15%	155	7417
I/O BOUND	SCHED_OTHER	1	20	1.51	0.03	0.15	12%	104	7200
I/O BOUND	SCHED_OTHER	1	20	1.42	0	0.2	14%	172	7005
I/O BOUND	SCHED_OTHER	1	20	1.45	0.02	0.17	13%	147	7310
I/O BOUND	SCHED_OTHER	1	20	1.67	0.02	0.23	15%	111	6852
I/O BOUND	SCHED_OTHER	1	20	4.57	0	0.48	10%	107	7088
I/O BOUND	SCHED_OTHER	1	20	1.77	0.01	0.18	11%	161	6861
I/O BOUND	SCHED_OTHER	1	20	2.09	0.01	0.2	10%	117	7444
I/O BOUND	SCHED_OTHER	1	20	3.37	0	0.53	15%	123	7223
I/O BOUND	SCHED_OTHER	1	20	1.79	0	0.18	10%	110	7344
I/O BOUND	SCHED_OTHER	1	20	1.5	0	0.23	15%	115	6532
I/O BOUND	SCHED_OTHER	1	20	1.62	0.04	0.14	11%	95	7181
I/O BOUND	SCHED_OTHER	1	20	1.49	0	0.18	12%	179	7656
I/O BOUND	SCHED_OTHER	1	20	2.25	0.04	0.15	8%	98	7365
I/O BOUND	SCHED_OTHER	1	20	3.26	0.01	0.2	6%	98	7183
I/O BOUND	SCHED_OTHER	1	20	1.41	0.01	0.4	29%	130	7025
I/O BOUND	SCHED_OTHER	1	20	1.53	0.01	0.18	12%	133	7202
I/O BOUND	SCHED_OTHER	1	20	2.74	0.02	0.14	6%	159	7281
I/O BOUND	SCHED_OTHER	1	20	1.54	0.01	0.19	13%	135	7456
I/O BOUND	SCHED_OTHER	1	20	1.84	0.01	0.18	10%	129	7438
I/O BOUND	SCHED_OTHER	1	20	1.7	0.02	0.17	11%	92	7391
I/O BOUND	SCHED_OTHER	1	20	1.41	0	0.21	15%	158	6502
I/O BOUND	SCHED_OTHER	1	20	1.36	0.01	0.16	13%	148	7281
I/O BOUND	SCHED_OTHER	1	20	1.72	0.01	0.21	13%	186	7581
I/O BOUND	SCHED_OTHER	1	20	1.75	0.01	0.17	10%	136	7346
I/O BOUND	SCHED_OTHER	1	20	1.93	0.02	0.15	9%	126	7523
I/O BOUND	SCHED_OTHER	1	20	1.61	0.01	0.37	24%	131	7253
I/O BOUND	SCHED_OTHER	1	20	1.32	0.03	0.14	13%	88	7335
I/O BOUND	SCHED_OTHER	1	20	1.64	0.01	0.25	16%	134	7145
I/O BOUND	SCHED_OTHER	1	20	1.65	0.01	0.21	14%	171	7393
I/O BOUND	SCHED_OTHER	1	20	1.68	0.02	0.17	11%	78	7312
I/O BOUND	SCHED_OTHER	1	20	1.45	0.02	0.16	13%	78	7098

I/O BOUND	SCHED_OTHER	1	20	1.54	0.01	0.19	13%	139	7357
I/O BOUND	SCHED_OTHER	1	20	1.61	0.02	0.19	13%	108	7310
I/O BOUND	SCHED_OTHER	1	20	3.68	0	0.65	17%	121	7445
I/O BOUND	SCHED_OTHER	1	20	1.54	0	0.14	9%	96	7599
I/O BOUND	SCHED_OTHER	1	20	1.58	0.01	0.18	12%	71	7438
I/O BOUND	SCHED_OTHER	1	20	1.99	0	0.16	8%	106	7226
I/O BOUND	SCHED_OTHER	1	20	2.83	0.01	0.23	8%	71	7206
I/O BOUND	SCHED_OTHER	1	20	1.69	0.01	0.23	14%	139	6929
I/O BOUND	SCHED_OTHER	1	20	1.4	0.02	0.18	14%	94	7442
I/O BOUND	SCHED_OTHER	1	20	1.6	0	0.38	23%	152	6941
I/O BOUND	SCHED_OTHER	1	20	1.69	0.04	0.19	13%	113	6838
I/O BOUND	SCHED_OTHER	1	20	1.97	0	0.2	10%	150	6720
I/O BOUND	SCHED_OTHER	1	20	2.04	0	0.27	13%	178	6982
I/O BOUND	SCHED_OTHER	1	20	1.77	0.01	0.19	11%	89	7367
I/O BOUND	SCHED_OTHER	1	20	1.43	0.01	0.17	13%	66	7090
I/O BOUND	SCHED_OTHER	1	20	1.61	0	0.17	11%	134	7368
I/O BOUND	SCHED_OTHER	1	20	2.03	0	0.31	15%	141	6908
I/O BOUND	SCHED_OTHER	1	20	1.79	0.03	0.16	10%	146	7084
I/O BOUND	SCHED_OTHER	1	20	1.59	0.02	0.14	10%	114	7569
I/O BOUND	SCHED_OTHER	1	20	1.91	0	0.2	10%	97	7425
I/O BOUND	SCHED_OTHER	1	20	1.51	0.02	0.15	11%	124	7387
I/O BOUND	SCHED_OTHER	1	20	1.57	0	0.21	13%	96	6952
I/O BOUND	SCHED_OTHER	1	20	1.74	0	0.22	13%	107	7215
I/O BOUND	SCHED_OTHER	1	20	1.7	0	0.18	11%	141	6881
I/O BOUND	SCHED_OTHER	1	20	1.91	0.01	0.2	11%	83	6593
I/O BOUND	SCHED_OTHER	1	20	1.92	0.01	0.18	10%	159	7027
I/O BOUND	SCHED_OTHER	1	20	1.77	0	0.19	11%	105	7391
I/O BOUND	SCHED_OTHER	1	20	1.88	0	0.17	9%	58	7307
I/O BOUND	SCHED_OTHER	1	20	1.53	0	0.18	11%	108	7349
I/O BOUND	SCHED_OTHER	1	20	2.15	0	0.21	10%	101	7281
I/O BOUND	SCHED_OTHER	1	20	1.95	0.01	0.2	11%	135	7317
I/O BOUND	SCHED_OTHER	1	20	1.51	0	0.32	21%	137	7074
I/O BOUND	SCHED_OTHER	1	20	1.85	0	0.17	9%	93	7474
I/O BOUND	SCHED_OTHER	1	20	1.79	0	0.18	10%	109	7218
I/O BOUND	SCHED_OTHER	1	20	1.59	0	0.2	13%	141	6868
I/O BOUND	SCHED_OTHER	1	20	1.4	0	0.19	13%	136	7570
I/O BOUND	SCHED_OTHER	1	20	1.41	0.02	0.14	11%	108	7546
I/O BOUND	SCHED_OTHER	1	20	1.78	0.02	0.15	9%	132	7432
I/O BOUND	SCHED_OTHER	1	20	1.63	0	0.25	15%	146	7192
I/O BOUND	SCHED_OTHER	1	20	1.52	0	0.19	13%	87	7326
I/O BOUND	SCHED_OTHER	1	20	1.46	0	0.16	11%	84	7519
I/O BOUND	SCHED_OTHER	1	20	1.45	0	0.19	13%	67	6879
I/O BOUND	SCHED_OTHER	1	20	1.76	0	0.27	16%	150	7481
I/O BOUND	SCHED_OTHER	1	20	1.54	0	0.19	12%	149	7375
I/O BOUND	SCHED_OTHER	1	20	1.5	0	0.22	15%	113	6419
I/O BOUND	SCHED_OTHER	1	20	1.41	0.01	0.17	13%	108	7602
I/O BOUND	SCHED_OTHER	1	20	2.35	0.03	0.18	9%	125	7283
I/O BOUND	SCHED_OTHER	1	20	3.78	0.02	0.2	5%	108	6609
I/O BOUND	SCHED_OTHER	1	20	1.54	0.01	0.16	11%	144	7255
I/O BOUND	SCHED_OTHER	1	20	1.67	0.01	0.18	11%	122	7237
I/O BOUND	SCHED_OTHER	1	20	1.42	0.02	0.18	14%	121	7306
I/O BOUND	SCHED_OTHER	1	20	1.5	0	0.21	14%	164	7254
I/O BOUND	SCHED_OTHER	1	20	2.26	0.03	0.14	7%	128	7583
I/O BOUND	SCHED_RR	1	20	3.71	0.02	0.08	3%	1	6950
I/O BOUND	SCHED_RR	1	20	6.17	0.04	0.18	3%	1	4850
I/O BOUND	SCHED_RR	1	20	3.85	0.01	0.12	3%	1	6010
I/O BOUND	SCHED_RR	1	20	4.95	0.01	0.13	2%	1	5987
I/O BOUND	SCHED_RR	1	20	9.36	0.02	0.1	1%	1	6504
I/O BOUND	SCHED_RR	1	20	15.42	0.01	0.18	1%	1	6785
I/O BOUND	SCHED_RR	1	20	7.75	0.03	0.12	2%	1	6781
I/O BOUND	SCHED_RR	1	20	6.32	0.02	0.11	2%	1	7421
I/O BOUND	SCHED_RR	1	20	7.87	0	0.26	3%	1	4957
I/O BOUND	SCHED_RR	1	20	7.17	0.02	0.22	3%	1	5087
I/O BOUND	SCHED_RR	1	20	6.05	0.01	0.15	2%	1	6581
I/O BOUND	SCHED_RR	1	20	5.38	0.02	0.1	2%	1	6219
I/O BOUND	SCHED_RR	1	20	4.72	0	0.26	5%	1	4893
I/O BOUND	SCHED_RR	1	20	5.33	0.02	0.13	2%	1	6807
I/O BOUND	SCHED_RR	1	20	6.96	0.03	0.13	2%	1	6668

I/O BOUND	SCHED_RR	1	20	6.86	0.03	0.08	1%	1	7594
I/O BOUND	SCHED_RR	1	20	7.41	0	0.12	1%	1	6336
I/O BOUND	SCHED_RR	1	20	6.08	0	0.27	4%	1	6489
I/O BOUND	SCHED_RR	1	20	6.95	0	0.26	3%	1	4429
I/O BOUND	SCHED_RR	1	20	6.94	0.01	0.23	3%	1	5223
I/O BOUND	SCHED_RR	1	20	6.86	0.03	0.11	2%	1	7143
I/O BOUND	SCHED_RR	1	20	4.5	0.02	0.06	1%	1	7637
I/O BOUND	SCHED_RR	1	20	5.37	0.02	0.12	2%	1	7152
I/O BOUND	SCHED_RR	1	20	4.35	0.04	0.08	2%	1	7160
I/O BOUND	SCHED_RR	1	20	7.31	0	0.26	3%	1	4547
I/O BOUND	SCHED_RR	1	20	7.55	0.02	0.24	3%	1	4582
I/O BOUND	SCHED_RR	1	20	6.36	0.01	0.1	1%	1	7494
I/O BOUND	SCHED_RR	1	20	4.26	0	0.16	3%	1	5290
I/O BOUND	SCHED_RR	1	20	3.41	0	0.15	4%	1	5489
I/O BOUND	SCHED_RR	1	20	4.77	0	0.12	2%	1	5798
I/O BOUND	SCHED_RR	1	20	6.63	0.01	0.26	4%	1	5100
I/O BOUND	SCHED_RR	1	20	5.59	0.03	0.16	3%	1	6986
I/O BOUND	SCHED_RR	1	20	4.21	0.02	0.17	4%	1	6961
I/O BOUND	SCHED_RR	1	20	7.09	0	0.33	4%	1	6440
I/O BOUND	SCHED_RR	1	20	5.98	0.03	0.23	4%	1	5567
I/O BOUND	SCHED_RR	1	20	6.76	0.01	0.12	1%	1	6165
I/O BOUND	SCHED_RR	1	20	9.04	0.02	0.23	2%	1	4790
I/O BOUND	SCHED_RR	1	20	5.63	0.02	0.1	2%	1	5640
I/O BOUND	SCHED_RR	1	20	6.49	0	0.24	3%	1	6155
I/O BOUND	SCHED_RR	1	20	6.69	0.01	0.24	3%	1	5042
I/O BOUND	SCHED_RR	1	20	7.23	0.01	0.22	3%	1	5082
I/O BOUND	SCHED_RR	1	20	8.17	0	0.24	2%	1	4766
I/O BOUND	SCHED_RR	1	20	9.94	0	0.26	2%	1	4573
I/O BOUND	SCHED_RR	1	20	7.56	0.05	0.08	1%	1	7458
I/O BOUND	SCHED_RR	1	20	9.8	0	0.26	2%	1	4867
I/O BOUND	SCHED_RR	1	20	5.82	0	0.12	2%	2	6397
I/O BOUND	SCHED_RR	1	20	6.63	0	0.33	5%	1	5454
I/O BOUND	SCHED_RR	1	20	7.65	0.02	0.09	1%	1	6885
I/O BOUND	SCHED_RR	1	20	4.35	0.04	0.12	3%	1	5648
I/O BOUND	SCHED_RR	1	20	4.08	0.02	0.12	3%	1	5447
I/O BOUND	SCHED_RR	1	20	4.61	0.02	0.14	3%	0	6077
I/O BOUND	SCHED_RR	1	20	7.52	0	0.24	3%	1	4917
I/O BOUND	SCHED_RR	1	20	7.49	0.02	0.11	1%	1	6858
I/O BOUND	SCHED_RR	1	20	7.44	0	0.25	3%	1	4880
I/O BOUND	SCHED_RR	1	20	5	0.02	0.17	3%	1	6836
I/O BOUND	SCHED_RR	1	20	5.99	0.01	0.16	2%	1	6584
I/O BOUND	SCHED_RR	1	20	6.88	0.02	0.1	1%	1	7033
I/O BOUND	SCHED_RR	1	20	7.66	0.02	0.13	2%	1	6197
I/O BOUND	SCHED_RR	1	20	6.88	0.02	0.12	2%	1	7516
I/O BOUND	SCHED_RR	1	20	4.15	0.04	0.08	2%	1	7439
I/O BOUND	SCHED_RR	1	20	5.71	0	0.28	4%	1	4813
I/O BOUND	SCHED_RR	1	20	7.29	0	0.25	3%	1	4963
I/O BOUND	SCHED_RR	1	20	7.98	0	0.24	3%	1	4998
I/O BOUND	SCHED_RR	1	20	5.82	0.03	0.11	2%	1	7029
I/O BOUND	SCHED_RR	1	20	6.27	0	0.17	2%	1	6523
I/O BOUND	SCHED_RR	1	20	7.02	0	0.24	3%	1	5083
I/O BOUND	SCHED_RR	1	20	6.98	0	0.26	3%	1	4942
I/O BOUND	SCHED_RR	1	20	8.59	0.01	0.32	3%	1	5271
I/O BOUND	SCHED_RR	1	20	5.15	0.02	0.14	3%	1	5527
I/O BOUND	SCHED_RR	1	20	7.55	0.03	0.07	1%	1	7298
I/O BOUND	SCHED_RR	1	20	7.17	0	0.25	3%	1	4946
I/O BOUND	SCHED_RR	1	20	5.8	0.02	0.11	2%	1	6999
I/O BOUND	SCHED_RR	1	20	7.63	0.01	0.1	1%	1	6393
I/O BOUND	SCHED_RR	1	20	19.27	0.02	0.19	1%	1	5947
I/O BOUND	SCHED_RR	1	20	6.83	0.02	0.15	2%	1	6476
I/O BOUND	SCHED_RR	1	20	4.41	0.03	0.11	3%	1	6419
I/O BOUND	SCHED_RR	1	20	5.6	0.03	0.17	3%	1	7133
I/O BOUND	SCHED_RR	1	20	3.19	0.01	0.12	4%	1	6913
I/O BOUND	SCHED_RR	1	20	22.37	0	0.11	0%	1	7075
I/O BOUND	SCHED_RR	1	20	5.57	0.03	0.11	2%	1	6349
I/O BOUND	SCHED_RR	1	20	6.94	0.01	0.26	3%	1	5664
I/O BOUND	SCHED_RR	1	20	4.86	0.03	0.11	2%	1	5528
I/O BOUND	SCHED_RR	1	20	6.13	0	0.11	1%	1	6857

I/O BOUND	SCHED_RR	1	20	23.97	0.01	0.24	1%	1	4687
I/O BOUND	SCHED_RR	1	20	11.15	0.01	0.26	2%	1	4544
I/O BOUND	SCHED_RR	1	20	5.93	0.03	0.11	2%	1	7020
I/O BOUND	SCHED_RR	1	20	7.37	0	0.21	3%	1	5162
I/O BOUND	SCHED_RR	1	20	15.3	0.02	0.06	0%	1	7084
I/O BOUND	SCHED_RR	1	20	6.22	0.02	0.1	1%	1	7437
I/O BOUND	SCHED_RR	1	20	7.06	0.02	0.11	1%	1	7014
I/O BOUND	SCHED_RR	1	20	9.14	0	0.26	2%	1	4484
I/O BOUND	SCHED_RR	1	20	7.88	0.02	0.12	1%	1	7093
I/O BOUND	SCHED_RR	1	20	5.92	0.04	0.12	2%	1	6953
I/O BOUND	SCHED_RR	1	20	4.16	0	0.12	3%	1	6320
I/O BOUND	SCHED_RR	1	20	5.7	0.03	0.08	2%	1	7030
I/O BOUND	SCHED_RR	1	20	17.5	0	0.37	2%	1	5388
I/O BOUND	SCHED_RR	1	20	7.28	0.03	0.11	2%	1	6535
I/O BOUND	SCHED_RR	1	20	2.87	0.03	0.07	3%	1	7360
I/O BOUND	SCHED_RR	1	20	6.79	0.02	0.23	3%	1	4659
I/O BOUND	SCHED_RR	1	20	8.51	0.03	0.12	1%	1	7036
I/O BOUND	SCHED_RR	1	20	9.63	0.03	0.16	1%	1	6481
I/O BOUND	SCHED_RR	1	20	6.99	0.02	0.09	1%	1	7218
I/O BOUND	SCHED_RR	1	20	7.16	0.01	0.13	2%	1	6768
I/O BOUND	SCHED_RR	1	20	7.49	0	0.24	3%	1	6052
I/O BOUND	SCHED_RR	1	20	6.92	0.02	0.1	1%	1	6471
I/O BOUND	SCHED_RR	1	20	9.5	0.02	0.1	1%	1	6560
I/O BOUND	SCHED_RR	1	20	7.5	0.01	0.11	1%	1	6615
I/O BOUND	SCHED_RR	1	20	7.53	0	0.26	3%	1	4949
I/O BOUND	SCHED_RR	1	20	7.14	0.01	0.14	2%	1	6223
I/O BOUND	SCHED_RR	1	20	5.2	0.02	0.23	4%	1	5171
I/O BOUND	SCHED_RR	1	20	6.43	0.02	0.12	2%	1	5769
I/O BOUND	SCHED_RR	1	20	12.56	0.01	0.08	0%	1	5765
I/O BOUND	SCHED_RR	1	20	7.62	0.02	0.21	3%	1	6126
I/O BOUND	SCHED_RR	1	20	6.93	0	0.26	3%	1	4693
I/O BOUND	SCHED_RR	1	20	7.08	0.03	0.21	3%	1	5076
I/O BOUND	SCHED_RR	1	20	5	0.02	0.14	3%	1	5608
I/O BOUND	SCHED_RR	1	20	23.7	0	0.23	0%	1	4944
I/O BOUND	SCHED_RR	1	20	6.82	0.01	0.14	2%	1	5543
I/O BOUND	SCHED_RR	1	20	3.96	0.02	0.11	3%	1	7040
I/O BOUND	SCHED_RR	1	20	6.48	0.01	0.22	3%	1	5162
I/O BOUND	SCHED_RR	1	20	4.31	0.01	0.13	3%	1	6938
I/O BOUND	SCHED_RR	1	20	9.47	0.02	0.11	1%	1	6131
I/O BOUND	SCHED_RR	1	20	4.9	0.01	0.1	2%	1	7155
I/O BOUND	SCHED_RR	1	20	9	0	0.26	2%	1	4540
I/O BOUND	SCHED_RR	1	20	7.68	0.02	0.22	3%	1	5317
I/O BOUND	SCHED_RR	1	20	9.02	0.02	0.23	2%	1	4494
I/O BOUND	SCHED_RR	1	20	7.42	0.02	0.11	1%	1	7174
I/O BOUND	SCHED_RR	1	20	8.06	0.02	0.24	3%	1	4948
I/O BOUND	SCHED_RR	1	20	7.38	0	0.25	3%	1	5092
I/O BOUND	SCHED_RR	1	20	6.71	0.01	0.14	2%	1	5634
I/O BOUND	SCHED_RR	1	20	5.67	0.03	0.15	3%	1	6762
I/O BOUND	SCHED_RR	1	20	6.95	0.01	0.22	3%	1	5242
I/O BOUND	SCHED_RR	1	20	23.74	0.01	0.24	1%	1	4399
I/O BOUND	SCHED_RR	1	20	6.96	0	0.26	3%	1	6178
I/O BOUND	SCHED_RR	1	20	4.13	0.03	0.1	3%	0	6083
I/O BOUND	SCHED_RR	1	20	6.52	0.03	0.1	2%	1	7087
I/O BOUND	SCHED_RR	1	20	2.8	0.01	0.1	4%	1	7290
I/O BOUND	SCHED_RR	1	20	13.7	0.02	0.25	2%	1	4660
I/O BOUND	SCHED_RR	1	20	16.97	0	0.14	0%	1	6322
I/O BOUND	SCHED_RR	1	20	7.41	0.01	0.24	3%	1	4816
I/O BOUND	SCHED_RR	1	20	3.9	0	0.18	5%	1	6844
I/O BOUND	SCHED_RR	1	20	5.5	0.01	0.22	4%	1	4974
I/O BOUND	SCHED_RR	1	20	4.06	0.02	0.17	4%	1	5820
I/O BOUND	SCHED_RR	1	20	11	0	0.22	2%	1	4969
I/O BOUND	SCHED_RR	1	20	9.99	0.03	0.12	1%	1	6724
I/O BOUND	SCHED_RR	1	20	8.39	0	0.3	3%	1	4810
I/O BOUND	SCHED_RR	1	20	10.12	0.01	0.13	1%	1	5616
I/O BOUND	SCHED_RR	1	20	7.84	0	0.32	4%	1	5264
I/O BOUND	SCHED_RR	1	20	7.77	0.02	0.1	1%	1	7157
I/O BOUND	SCHED_RR	1	20	21.74	0.02	0.08	0%	1	6275
I/O BOUND	SCHED_RR	1	20	5.29	0	0.15	3%	1	5966

I/O BOUND	SCHED_RR	1	20	5.35	0.02	0.13	3%	1	6864
I/O BOUND	SCHED_RR	1	20	6.72	0	0.25	3%	1	4778
I/O BOUND	SCHED_RR	1	20	6.23	0.01	0.17	3%	1	5906
I/O BOUND	SCHED_RR	1	20	10.58	0.01	0.26	2%	1	5507
I/O BOUND	SCHED_RR	1	20	7.04	0.01	0.12	1%	1	7009
I/O BOUND	SCHED_RR	1	20	7.05	0.02	0.1	1%	1	6918
I/O BOUND	SCHED_RR	1	20	2.59	0	0.13	5%	1	6280
I/O BOUND	SCHED_RR	1	20	8.28	0.01	0.31	3%	1	6230
I/O BOUND	SCHED_RR	1	20	8.04	0.04	0.12	1%	1	6727
I/O BOUND	SCHED_RR	1	20	6.26	0.02	0.15	2%	1	6730
I/O BOUND	SCHED_RR	1	20	7.6	0.03	0.14	2%	1	6397
I/O BOUND	SCHED_RR	1	20	11.45	0	0.26	2%	1	4578
I/O BOUND	SCHED_RR	1	20	7.61	0	0.24	3%	1	4839
I/O BOUND	SCHED_RR	1	20	8.25	0	0.12	1%	1	7184
I/O BOUND	SCHED_RR	1	20	18.38	0.02	0.09	0%	1	7166
I/O BOUND	SCHED_RR	1	20	7.3	0.04	0.18	3%	1	7098
I/O BOUND	SCHED_RR	1	20	5.7	0	0.21	3%	1	4982
I/O BOUND	SCHED_RR	1	20	4	0.02	0.11	3%	1	7421
I/O BOUND	SCHED_RR	1	20	7.56	0.03	0.1	1%	1	7487
I/O BOUND	SCHED_RR	1	20	8.69	0.02	0.25	3%	1	4668
I/O BOUND	SCHED_RR	1	20	7.49	0.02	0.15	2%	1	5988
I/O BOUND	SCHED_RR	1	20	5.65	0.04	0.08	2%	1	7400
I/O BOUND	SCHED_RR	1	20	7.3	0.02	0.17	2%	1	5378
I/O BOUND	SCHED_RR	1	20	7.3	0	0.32	4%	1	6037
I/O BOUND	SCHED_RR	1	20	6.87	0.01	0.12	2%	1	7019
I/O BOUND	SCHED_RR	1	20	8.33	0	0.24	2%	1	4986
I/O BOUND	SCHED_RR	1	20	7.33	0.01	0.1	1%	1	6616
I/O BOUND	SCHED_RR	1	20	8	0	0.25	3%	1	4675
I/O BOUND	SCHED_RR	1	20	6.97	0	0.16	2%	1	5295
I/O BOUND	SCHED_RR	1	20	7.26	0.01	0.12	1%	1	5981
I/O BOUND	SCHED_RR	1	20	19.59	0.02	0.06	0%	1	6556
I/O BOUND	SCHED_RR	1	20	5.44	0.02	0.13	2%	1	5589
I/O BOUND	SCHED_RR	1	20	4.65	0.05	0.08	3%	1	7057
I/O BOUND	SCHED_RR	1	20	6.69	0	0.26	3%	1	4894
I/O BOUND	SCHED_RR	1	20	6.09	0.02	0.17	3%	1	6957
I/O BOUND	SCHED_RR	1	20	12.13	0	0.26	2%	1	4480
I/O BOUND	SCHED_RR	1	20	7.73	0.03	0.11	1%	1	6729
I/O BOUND	SCHED_RR	1	20	6.46	0.02	0.2	3%	1	7181
I/O BOUND	SCHED_RR	1	20	5.1	0.03	0.08	2%	1	7327
I/O BOUND	SCHED_RR	1	20	6.56	0	0.1	1%	1	6929
I/O BOUND	SCHED_RR	1	20	7.77	0.05	0.06	1%	1	7551
I/O BOUND	SCHED_RR	1	20	7.12	0.02	0.18	2%	1	5916
I/O BOUND	SCHED_RR	1	20	8.09	0	0.26	3%	1	4531
I/O BOUND	SCHED_RR	1	20	6.99	0.01	0.11	1%	1	5758
I/O BOUND	SCHED_RR	1	20	5.25	0.02	0.1	2%	1	6797
I/O BOUND	SCHED_RR	1	20	6.64	0.02	0.22	3%	1	5055
I/O BOUND	SCHED_RR	1	20	17.61	0	0.26	1%	1	4409
I/O BOUND	SCHED_RR	1	20	5.29	0.04	0.11	2%	1	6977
I/O BOUND	SCHED_RR	1	20	3.92	0	0.15	4%	1	6920
I/O BOUND	SCHED_RR	1	20	3.75	0.02	0.06	2%	1	7346
I/O BOUND	SCHED_RR	1	20	11.12	0.01	0.23	2%	1	4715
I/O BOUND	SCHED_RR	1	20	8.96	0.04	0.1	1%	1	5851
I/O BOUND	SCHED_RR	1	20	9.29	0	0.26	2%	1	4424
I/O BOUND	SCHED_RR	1	20	7.3	0.03	0.11	2%	1	7122
I/O BOUND	SCHED_RR	1	20	2.97	0.02	0.07	3%	1	7328
I/O BOUND	SCHED_RR	1	20	6.97	0.01	0.15	2%	1	6094
I/O BOUND	SCHED_RR	1	20	7.88	0.02	0.24	3%	1	4703
I/O BOUND	SCHED_RR	1	20	21.72	0.01	0.11	0%	1	6552
I/O BOUND	SCHED_RR	1	20	7.38	0.02	0.11	1%	1	7162
I/O BOUND	SCHED_RR	1	20	7.77	0.01	0.13	1%	1	5961
I/O BOUND	SCHED_RR	1	20	8.87	0.01	0.28	3%	1	4691
I/O BOUND	SCHED_RR	1	20	4.61	0.04	0.13	3%	1	6878
I/O BOUND	SCHED_RR	1	20	19.39	0.04	0.21	1%	1	4548
I/O BOUND	SCHED_RR	1	20	9.63	0.02	0.14	1%	1	6601
I/O BOUND	SCHED_RR	1	20	3.11	0.02	0.12	4%	1	6978
I/O BOUND	SCHED_RR	1	20	6.76	0	0.26	3%	1	4749
I/O BOUND	SCHED_RR	1	20	5.95	0.02	0.15	2%	1	5596
I/O BOUND	SCHED_RR	1	20	7.73	0.04	0.11	2%	1	6620

I/O BOUND	SCHED_RR	1	20	6.64	0	0.24	3%	1	4675
I/O BOUND	SCHED_RR	1	20	15.11	0	0.25	1%	1	4427
I/O BOUND	SCHED_RR	1	20	8.18	0.04	0.09	1%	1	7053
I/O BOUND	SCHED_RR	1	20	6.81	0.02	0.17	2%	1	7228
I/O BOUND	SCHED_RR	1	20	7.21	0.01	0.15	2%	1	6776
I/O BOUND	SCHED_RR	1	20	6.51	0.01	0.14	2%	1	6433
I/O BOUND	SCHED_RR	1	20	5.05	0.04	0.12	3%	1	7339
I/O BOUND	SCHED_RR	1	20	8.5	0.02	0.1	1%	1	6768
I/O BOUND	SCHED_RR	1	20	8.13	0	0.13	1%	1	5766
I/O BOUND	SCHED_RR	1	20	4.13	0.03	0.08	3%	1	6822
I/O BOUND	SCHED_RR	1	20	8.67	0.01	0.25	3%	1	4690
I/O BOUND	SCHED_RR	1	20	10.12	0	0.3	3%	1	4991
I/O BOUND	SCHED_RR	1	20	3.31	0.02	0.1	3%	1	6803
I/O BOUND	SCHED_RR	1	20	10.74	0.01	0.14	1%	1	6645
I/O BOUND	SCHED_RR	1	20	8.07	0.01	0.18	2%	1	6312
I/O BOUND	SCHED_RR	1	20	7.16	0.01	0.08	1%	1	6791
I/O BOUND	SCHED_RR	1	20	6.49	0	0.26	4%	1	4770
I/O BOUND	SCHED_RR	1	20	7.6	0.03	0.12	2%	1	5852
I/O BOUND	SCHED_RR	1	20	7.94	0	0.17	2%	1	6268
I/O BOUND	SCHED_RR	1	20	8.71	0.01	0.24	2%	1	4746
I/O BOUND	SCHED_RR	1	20	2.68	0.01	0.1	4%	1	7246
I/O BOUND	SCHED_RR	1	20	9.43	0.02	0.15	1%	1	6267
I/O BOUND	SCHED_RR	1	20	8.69	0.03	0.15	2%	1	7096
I/O BOUND	SCHED_RR	1	20	4.24	0.02	0.14	4%	1	6498
I/O BOUND	SCHED_RR	1	20	7.94	0.02	0.12	1%	1	6470
I/O BOUND	SCHED_RR	1	20	7.89	0.02	0.13	1%	1	5834
I/O BOUND	SCHED_RR	1	20	6.99	0	0.26	3%	1	4553
I/O BOUND	SCHED_RR	1	20	6.85	0.01	0.12	2%	1	6499
I/O BOUND	SCHED_RR	1	20	6.8	0.01	0.14	2%	1	6556
I/O BOUND	SCHED_RR	1	20	7.66	0.01	0.11	1%	1	6109
I/O BOUND	SCHED_RR	1	20	16.18	0.01	0.3	1%	1	5890
I/O BOUND	SCHED_RR	1	20	7.68	0.01	0.09	1%	1	6273
I/O BOUND	SCHED_RR	1	20	5.64	0.03	0.14	3%	1	7192
I/O BOUND	SCHED_RR	1	20	6.96	0.01	0.11	1%	1	7004
I/O BOUND	SCHED_RR	1	20	7.31	0.01	0.14	2%	1	6411
I/O BOUND	SCHED_RR	1	20	7.91	0	0.23	2%	1	5192
I/O BOUND	SCHED_RR	1	20	7.13	0.01	0.14	2%	1	6555
I/O BOUND	SCHED_RR	1	20	4.45	0.03	0.07	2%	1	7503
I/O BOUND	SCHED_RR	1	20	6.19	0.02	0.07	1%	1	6165
I/O BOUND	SCHED_RR	1	20	4.98	0.01	0.24	5%	1	4927
I/O BOUND	SCHED_RR	1	20	5.05	0.01	0.14	3%	1	5807
I/O BOUND	SCHED_RR	1	20	10.12	0.04	0.08	1%	1	6899
I/O BOUND	SCHED_RR	1	20	6.92	0.03	0.1	2%	1	7121
I/O BOUND	SCHED_RR	1	20	6.98	0	0.16	2%	1	7088
I/O BOUND	SCHED_RR	1	20	7.41	0.01	0.22	3%	1	5012
I/O BOUND	SCHED_RR	1	20	7.26	0	0.25	3%	1	4834
I/O BOUND	SCHED_RR	1	20	6.55	0.02	0.11	2%	1	7111
I/O BOUND	SCHED_RR	1	20	20.62	0.01	0.11	0%	1	6329
I/O BOUND	SCHED_RR	1	20	7.26	0.03	0.12	2%	1	5819
I/O BOUND	SCHED_RR	1	20	4.51	0	0.19	4%	1	5206
I/O BOUND	SCHED_RR	1	20	4.44	0.04	0.14	4%	1	7402
I/O BOUND	SCHED_RR	1	20	4.87	0.02	0.11	2%	1	7227
I/O BOUND	SCHED_RR	1	20	7.13	0.03	0.06	1%	1	7632
I/O BOUND	SCHED_RR	1	20	6.63	0	0.24	3%	1	5306
I/O BOUND	SCHED_RR	1	20	6.64	0	0.29	4%	1	4484
I/O BOUND	SCHED_RR	1	20	5.8	0.02	0.08	1%	1	7323
I/O BOUND	SCHED_RR	1	20	4.53	0.03	0.09	2%	1	7185
I/O BOUND	SCHED_RR	1	20	5.79	0.02	0.12	2%	1	6609
I/O BOUND	SCHED_RR	1	20	3.55	0	0.25	7%	1	4984
I/O BOUND	SCHED_RR	1	20	5.21	0.02	0.11	2%	1	6997
I/O BOUND	SCHED_RR	1	20	7.85	0	0.26	3%	1	4697
I/O BOUND	SCHED_RR	1	20	8.47	0.02	0.14	1%	1	6223
I/O BOUND	SCHED_RR	1	20	9.14	0.03	0.1	1%	1	6434
I/O BOUND	SCHED_RR	1	20	4.49	0.02	0.1	2%	1	7161
I/O BOUND	SCHED_RR	1	20	4.14	0.01	0.12	3%	1	7192
I/O BOUND	SCHED_RR	1	20	4.29	0.02	0.14	3%	1	6565
I/O BOUND	SCHED_RR	1	20	8.29	0	0.15	1%	1	5787
I/O BOUND	SCHED_RR	1	20	5.96	0	0.15	2%	1	6356

I/O BOUND	SCHED_RR	1	20	4.61	0	0.29	6%	1	5632
I/O BOUND	SCHED_RR	1	20	6.97	0	0.23	3%	1	5103
I/O BOUND	SCHED_RR	1	20	2.46	0	0.31	12%	1	5993
I/O BOUND	SCHED_RR	1	20	3.96	0	0.12	3%	1	6032
I/O BOUND	SCHED_RR	1	20	5.38	0.01	0.11	2%	1	6700
I/O BOUND	SCHED_RR	1	20	3.21	0	0.15	4%	1	4977
I/O BOUND	SCHED_RR	1	20	3.96	0.02	0.1	3%	1	7166
I/O BOUND	SCHED_RR	1	20	5.94	0.01	0.14	2%	1	6636
I/O BOUND	SCHED_RR	1	20	4.32	0.01	0.21	5%	1	5057
I/O BOUND	SCHED_RR	1	20	6.59	0.02	0.21	3%	1	5235
I/O BOUND	SCHED_RR	1	20	4.62	0.02	0.1	2%	1	6874
I/O BOUND	SCHED_RR	1	20	2.24	0.01	0.12	6%	1	6323
I/O BOUND	SCHED_RR	1	20	6.8	0.01	0.23	3%	1	4670
MIXED	SCHED_FIFO	1	20	44.42	156.5	0.07	352%	150	68
MIXED	SCHED_FIFO	1	20	43.42	160.64	0.04	370%	161	68
MIXED	SCHED_FIFO	1	20	44.91	162.37	0.09	361%	157	67
MIXED	SCHED_FIFO	1	20	44.17	156.48	0.1	354%	146	70
MIXED	SCHED_FIFO	1	20	42.86	158.85	0.03	370%	157	68
MIXED	SCHED_FIFO	1	20	45.66	158.56	0.08	347%	149	69
MIXED	SCHED_FIFO	1	20	46.17	159.84	0.1	346%	145	73
MIXED	SCHED_FIFO	1	20	44.16	159.24	0.02	360%	157	68
MIXED	SCHED_FIFO	1	20	44.83	160.06	0.11	357%	155	79
MIXED	SCHED_FIFO	1	20	44.47	158.98	0.07	357%	157	69
MIXED	SCHED_FIFO	1	20	45.95	160.42	0.04	349%	153	70
MIXED	SCHED_FIFO	1	20	43.15	151.48	0.08	351%	142	106
MIXED	SCHED_FIFO	1	20	42.26	155.83	0.06	368%	157	66
MIXED	SCHED_FIFO	1	20	42.8	158.06	0.04	369%	156	88
MIXED	SCHED_FIFO	1	20	43.71	157.04	0.02	359%	114	68
MIXED	SCHED_FIFO	1	20	43.37	157.26	0.05	362%	153	114
MIXED	SCHED_FIFO	1	20	40.42	151.42	0.04	374%	153	73
MIXED	SCHED_FIFO	1	20	43.69	155.71	0.05	356%	153	68
MIXED	SCHED_FIFO	1	20	42.94	159.34	0.04	371%	160	68
MIXED	SCHED_FIFO	1	20	45.14	157.58	0.07	349%	144	68
MIXED	SCHED_FIFO	1	20	44.47	155.05	0.03	348%	149	85
MIXED	SCHED_FIFO	1	20	42.21	156.24	0.08	370%	157	70
MIXED	SCHED_FIFO	1	20	41.99	156.14	0.06	371%	157	67
MIXED	SCHED_FIFO	1	20	44.72	156.22	0.08	349%	149	67
MIXED	SCHED_FIFO	1	20	43.47	155.96	0.03	358%	149	71
MIXED	SCHED_FIFO	1	20	44.94	158.76	0.07	353%	152	66
MIXED	SCHED_FIFO	1	20	44.26	155.57	0.06	351%	148	82
MIXED	SCHED_FIFO	1	20	42.22	152.52	0.09	361%	145	69
MIXED	SCHED_FIFO	1	20	45.2	154.88	0.11	342%	145	69
MIXED	SCHED_FIFO	1	20	43.42	157.13	0.04	362%	156	66
MIXED	SCHED_FIFO	1	20	44.4	157.12	0.06	353%	152	67
MIXED	SCHED_FIFO	1	20	43.11	155.58	0.06	361%	154	69
MIXED	SCHED_FIFO	1	20	43.4	154.05	0.03	355%	151	70
MIXED	SCHED_FIFO	1	20	43.21	154.46	0.08	357%	146	69
MIXED	SCHED_FIFO	1	20	43.71	158.38	0.06	362%	153	69
MIXED	SCHED_FIFO	1	20	44.7	156.56	0.06	350%	150	68
MIXED	SCHED_FIFO	1	20	43.77	158.69	0.06	362%	157	71
MIXED	SCHED_FIFO	1	20	42.98	155.92	0.08	362%	152	66
MIXED	SCHED_FIFO	1	20	41.89	151.34	0.09	361%	151	69
MIXED	SCHED_FIFO	1	20	42.81	156.63	0.03	365%	157	63
MIXED	SCHED_FIFO	1	20	44.75	157.34	0.1	351%	146	67
MIXED	SCHED_FIFO	1	20	43.41	159.05	0.06	366%	160	65
MIXED	SCHED_FIFO	1	20	44.64	157.31	0.08	352%	147	69
MIXED	SCHED_FIFO	1	20	42.05	151.27	0.04	359%	146	69
MIXED	SCHED_FIFO	1	20	45.32	154.38	0.08	340%	137	71
MIXED	SCHED_FIFO	1	20	44.18	157.68	0.08	357%	147	83
MIXED	SCHED_FIFO	1	20	44.35	157.76	0.04	355%	155	67
MIXED	SCHED_FIFO	1	20	42.16	157.43	0.05	373%	157	66
MIXED	SCHED_FIFO	1	20	42.3	151.68	0.04	358%	147	96
MIXED	SCHED_FIFO	1	20	45.48	155.33	0.11	341%	141	71
MIXED	SCHED_FIFO	1	20	44.52	157.24	0.11	353%	152	77
MIXED	SCHED_FIFO	1	20	45.44	157.52	0.13	346%	141	71
MIXED	SCHED_FIFO	1	20	44.01	156.4	0.08	355%	149	69
MIXED	SCHED_FIFO	1	20	41.95	154.59	0.01	368%	157	68
MIXED	SCHED_FIFO	1	20	44.8	154.71	0.03	345%	147	66

MIXED	SCHED_FIFO	1	20	45.68	157.25	0.08	344%	146	67
MIXED	SCHED_FIFO	1	20	43.69	156.4	0.04	358%	153	88
MIXED	SCHED_FIFO	1	20	44.51	155.79	0.04	350%	150	69
MIXED	SCHED_FIFO	1	20	44.47	156.51	0.04	352%	146	69
MIXED	SCHED_FIFO	1	20	44.02	156.7	0.08	356%	149	68
MIXED	SCHED_FIFO	1	20	43.98	156.6	0.08	356%	153	68
MIXED	SCHED_FIFO	1	20	44.88	156.1	0.1	347%	147	70
MIXED	SCHED_FIFO	1	20	45.41	158.78	0.06	349%	153	70
MIXED	SCHED_FIFO	1	20	42.85	155.82	0.07	363%	149	69
MIXED	SCHED_FIFO	1	20	41.99	150.59	0.06	358%	146	66
MIXED	SCHED_FIFO	1	20	43.38	155.69	0.05	359%	153	69
MIXED	SCHED_FIFO	1	20	44.04	157.76	0.08	358%	153	71
MIXED	SCHED_FIFO	1	20	44.38	157.16	0.04	354%	149	67
MIXED	SCHED_FIFO	1	20	43.56	156	0.05	358%	152	65
MIXED	SCHED_FIFO	1	20	42.49	153.13	0.04	360%	151	75
MIXED	SCHED_FIFO	1	20	44.22	157.11	0.04	355%	148	66
MIXED	SCHED_FIFO	1	20	45.52	158.17	0.05	347%	149	70
MIXED	SCHED_FIFO	1	20	45.98	157.88	0.07	343%	146	70
MIXED	SCHED_FIFO	1	20	42.74	156.05	0.07	365%	153	66
MIXED	SCHED_FIFO	1	20	44.09	153.31	0.05	347%	143	67
MIXED	SCHED_FIFO	1	20	43.5	154.2	0.06	354%	146	68
MIXED	SCHED_FIFO	1	20	44.83	158.35	0.07	353%	146	69
MIXED	SCHED_FIFO	1	20	42.38	157	0.04	370%	157	67
MIXED	SCHED_FIFO	1	20	42.98	157.2	0.04	365%	158	67
MIXED	SCHED_FIFO	1	20	42.86	156.31	0.06	364%	157	70
MIXED	SCHED_FIFO	1	20	42.18	154.7	0.05	366%	156	69
MIXED	SCHED_FIFO	1	20	45.32	155.57	0.08	343%	145	66
MIXED	SCHED_FIFO	1	20	44.58	156.9	0.09	352%	150	66
MIXED	SCHED_FIFO	1	20	45.35	157.55	0.1	347%	145	99
MIXED	SCHED_FIFO	1	20	42.54	156.42	0.03	367%	148	83
MIXED	SCHED_FIFO	1	20	41.27	153.17	0.06	371%	153	72
MIXED	SCHED_FIFO	1	20	43.64	155.52	0.06	356%	153	68
MIXED	SCHED_FIFO	1	20	45.13	158.5	0.04	351%	151	84
MIXED	SCHED_FIFO	1	20	44.68	156.89	0.07	351%	149	80
MIXED	SCHED_FIFO	1	20	42.67	154.27	0.05	361%	150	70
MIXED	SCHED_FIFO	1	20	43.61	153.42	0.07	351%	145	73
MIXED	SCHED_FIFO	1	20	42.53	152.78	0.01	359%	150	87
MIXED	SCHED_FIFO	1	20	44.08	154.85	0.1	351%	144	72
MIXED	SCHED_FIFO	1	20	44.89	157.63	0.05	351%	145	71
MIXED	SCHED_FIFO	1	20	44.78	157.15	0.03	351%	149	99
MIXED	SCHED_FIFO	1	20	42.92	158.26	0.02	368%	157	66
MIXED	SCHED_FIFO	1	20	42.39	151.52	0.04	357%	149	70
MIXED	SCHED_FIFO	1	20	45	155.06	0.09	344%	141	65
MIXED	SCHED_FIFO	1	20	45.46	157.43	0.05	346%	147	70
MIXED	SCHED_FIFO	1	20	44.81	157.41	0.08	351%	151	66
MIXED	SCHED_FIFO	1	20	41.88	153.96	0.04	367%	157	68
MIXED	SCHED_FIFO	1	20	43.57	156.18	0.04	358%	153	71
MIXED	SCHED_FIFO	1	20	42.02	156.44	0.06	372%	157	68
MIXED	SCHED_FIFO	1	20	43.31	160.54	0.05	370%	157	69
MIXED	SCHED_FIFO	1	20	44.14	156.54	0.08	354%	149	69
MIXED	SCHED_FIFO	1	20	44.6	155.81	0.04	349%	148	70
MIXED	SCHED_FIFO	1	20	44.24	155.36	0.06	351%	149	69
MIXED	SCHED_FIFO	1	20	42.89	155.55	0.09	362%	149	69
MIXED	SCHED_FIFO	1	20	44.14	155.25	0.06	351%	147	67
MIXED	SCHED_FIFO	1	20	45.52	156.26	0.09	343%	141	69
MIXED	SCHED_FIFO	1	20	43.68	158.38	0.06	362%	157	69
MIXED	SCHED_FIFO	1	20	43.15	157.78	0.03	365%	157	67
MIXED	SCHED_FIFO	1	20	41.08	151.39	0.05	368%	149	68
MIXED	SCHED_FIFO	1	20	43.47	155.74	0.07	358%	153	70
MIXED	SCHED_FIFO	1	20	45.4	158.2	0.06	348%	150	66
MIXED	SCHED_FIFO	1	20	42.91	156.66	0.05	365%	153	67
MIXED	SCHED_FIFO	1	20	44.34	154.14	0.12	347%	141	71
MIXED	SCHED_FIFO	1	20	44.11	155.18	0.1	351%	145	113
MIXED	SCHED_FIFO	1	20	42.89	155.7	0.05	363%	155	111
MIXED	SCHED_FIFO	1	20	42.99	158.52	0.01	368%	160	66
MIXED	SCHED_FIFO	1	20	43.17	156.98	0.06	363%	158	69
MIXED	SCHED_FIFO	1	20	43.16	158.67	0.06	367%	157	66
MIXED	SCHED_FIFO	1	20	43.49	156.99	0.06	361%	154	66

MIXED	SCHED_FIFO	1	20	44.87	157.26	0.09	350%	149	70
MIXED	SCHED_FIFO	1	20	45.37	155.62	0.08	343%	139	66
MIXED	SCHED_FIFO	1	20	43.56	156.32	0.04	358%	150	72
MIXED	SCHED_FIFO	1	20	45.55	156.84	0.06	344%	141	70
MIXED	SCHED_FIFO	1	20	43.56	156.94	0.05	360%	149	67
MIXED	SCHED_FIFO	1	20	42.6	148.58	0.04	348%	137	92
MIXED	SCHED_FIFO	1	20	44.14	155.6	0.09	352%	147	70
MIXED	SCHED_FIFO	1	20	45.02	157.3	0.07	349%	151	70
MIXED	SCHED_FIFO	1	20	44.71	157.15	0.06	351%	147	69
MIXED	SCHED_FIFO	1	20	42.81	153.7	0.03	359%	149	96
MIXED	SCHED_FIFO	1	20	44.91	154.62	0.1	344%	145	73
MIXED	SCHED_FIFO	1	20	43.15	154.2	0.07	357%	144	68
MIXED	SCHED_FIFO	1	20	44.67	155.4	0.06	348%	144	67
MIXED	SCHED_FIFO	1	20	45.23	155.68	0.03	344%	147	86
MIXED	SCHED_FIFO	1	20	45.27	157.83	0.1	348%	144	66
MIXED	SCHED_FIFO	1	20	42.07	157.2	0.1	373%	157	68
MIXED	SCHED_FIFO	1	20	41.58	152.76	0.06	367%	149	67
MIXED	SCHED_FIFO	1	20	42.58	155.88	0.05	366%	157	63
MIXED	SCHED_FIFO	1	20	44.12	158.92	0.04	360%	157	71
MIXED	SCHED_FIFO	1	20	45.08	157.3	0.04	349%	146	70
MIXED	SCHED_FIFO	1	20	45.21	156.26	0.08	345%	145	66
MIXED	SCHED_FIFO	1	20	41.77	150.4	0.06	360%	148	88
MIXED	SCHED_FIFO	1	20	43.47	156.43	0.08	359%	153	72
MIXED	SCHED_FIFO	1	20	44.36	157.37	0.08	354%	147	80
MIXED	SCHED_FIFO	1	20	44.01	157.07	0.05	357%	153	89
MIXED	SCHED_FIFO	1	20	43.67	155.08	0.06	355%	145	70
MIXED	SCHED_FIFO	1	20	42.13	154.63	0.03	367%	157	68
MIXED	SCHED_FIFO	1	20	44.85	155.2	0.11	346%	141	70
MIXED	SCHED_FIFO	1	20	43.35	159.05	0.05	366%	160	70
MIXED	SCHED_FIFO	1	20	42.63	156.95	0.05	368%	157	67
MIXED	SCHED_FIFO	1	20	42.12	156.2	0.02	370%	153	85
MIXED	SCHED_FIFO	1	20	44.35	154.7	0.1	349%	145	67
MIXED	SCHED_FIFO	1	20	44.16	154.35	0.1	349%	137	69
MIXED	SCHED_FIFO	1	20	42.74	157.32	0.07	368%	157	64
MIXED	SCHED_FIFO	1	20	43.04	156.49	0.05	363%	157	67
MIXED	SCHED_FIFO	1	20	42.9	158.76	0.09	370%	160	66
MIXED	SCHED_FIFO	1	20	43.4	159.05	0.07	366%	157	84
MIXED	SCHED_FIFO	1	20	43.82	152.01	0.08	347%	140	68
MIXED	SCHED_FIFO	1	20	43.73	155.23	0.03	355%	146	69
MIXED	SCHED_FIFO	1	20	44.25	157.99	0.09	357%	149	68
MIXED	SCHED_FIFO	1	20	44.29	158.36	0.07	357%	154	65
MIXED	SCHED_FIFO	1	20	44.22	156.4	0.07	353%	152	69
MIXED	SCHED_FIFO	1	20	43.75	149.98	0.07	342%	137	71
MIXED	SCHED_FIFO	1	20	42.67	156.06	0.02	365%	157	67
MIXED	SCHED_FIFO	1	20	45.54	158.03	0.08	347%	149	64
MIXED	SCHED_FIFO	1	20	44.35	157.07	0.07	354%	150	67
MIXED	SCHED_FIFO	1	20	43.63	154.6	0.08	354%	149	71
MIXED	SCHED_FIFO	1	20	43.11	154.5	0.03	358%	152	87
MIXED	SCHED_FIFO	1	20	42.97	154.97	0.1	360%	149	71
MIXED	SCHED_FIFO	1	20	44.95	157.6	0.08	350%	145	69
MIXED	SCHED_FIFO	1	20	44.91	156	0.09	347%	149	79
MIXED	SCHED_FIFO	1	20	45.55	158.02	0.08	347%	151	140
MIXED	SCHED_FIFO	1	20	44.89	156.19	0.05	348%	146	70
MIXED	SCHED_FIFO	1	20	43.27	155.62	0.08	359%	149	69
MIXED	SCHED_FIFO	1	20	43.01	157.35	0.05	365%	159	86
MIXED	SCHED_FIFO	1	20	43.11	156.33	0.09	362%	150	82
MIXED	SCHED_FIFO	1	20	43.18	158.85	0.05	368%	157	66
MIXED	SCHED_FIFO	1	20	44.35	155.28	0.09	350%	145	67
MIXED	SCHED_FIFO	1	20	43.25	150.36	0.08	347%	138	70
MIXED	SCHED_FIFO	1	20	44.1	162.8	0.05	369%	160	80
MIXED	SCHED_FIFO	1	20	43.91	159.5	0.08	363%	153	67
MIXED	SCHED_FIFO	1	20	45.21	162.6	0.04	359%	161	83
MIXED	SCHED_FIFO	1	20	45.14	161.04	0.09	356%	157	66
MIXED	SCHED_FIFO	1	20	45.4	164.52	0.04	362%	159	67
MIXED	SCHED_FIFO	1	20	43.29	161.83	0.02	373%	164	64
MIXED	SCHED_FIFO	1	20	46.65	161.51	0.09	346%	149	68
MIXED	SCHED_FIFO	1	20	44.09	159.1	0.08	360%	153	95
MIXED	SCHED_FIFO	1	20	45.11	161.97	0.05	359%	157	68

MIXED	SCHED_FIFO	1	20	45.92	164.85	0.05	359%	161	69
MIXED	SCHED_FIFO	1	20	43.23	160.2	0.02	370%	161	68
MIXED	SCHED_FIFO	1	20	45.23	164.01	0.05	362%	161	81
MIXED	SCHED_FIFO	1	20	45.11	161.87	0.07	358%	156	71
MIXED	SCHED_FIFO	1	20	45.43	163.94	0.08	361%	162	67
MIXED	SCHED_FIFO	1	20	44.71	160.93	0.08	360%	158	70
MIXED	SCHED_FIFO	1	20	44.15	164.58	0.06	372%	165	103
MIXED	SCHED_FIFO	1	20	44.5	161.92	0.06	363%	161	69
MIXED	SCHED_FIFO	1	20	44.28	164.31	0.05	371%	162	67
MIXED	SCHED_FIFO	1	20	46.99	164.29	0.05	349%	156	68
MIXED	SCHED_FIFO	1	20	44.99	161.47	0.04	358%	157	67
MIXED	SCHED_FIFO	1	20	44.55	159.29	0.07	357%	154	68
MIXED	SCHED_FIFO	1	20	45.77	163.07	0.05	356%	159	66
MIXED	SCHED_FIFO	1	20	46.65	162.36	0.12	348%	149	71
MIXED	SCHED_FIFO	1	20	43.33	157.26	0.07	363%	153	66
MIXED	SCHED_FIFO	1	20	46.46	160.33	0.08	345%	145	68
MIXED	SCHED_FIFO	1	20	45.97	161.48	0.06	351%	154	68
MIXED	SCHED_FIFO	1	20	46.46	163.77	0.05	352%	157	69
MIXED	SCHED_FIFO	1	20	45.72	160.49	0.05	351%	155	66
MIXED	SCHED_FIFO	1	20	45.29	162.53	0.09	359%	158	72
MIXED	SCHED_FIFO	1	20	44.43	161.15	0.08	362%	161	64
MIXED	SCHED_FIFO	1	20	45.44	164.61	0.08	362%	161	67
MIXED	SCHED_FIFO	1	20	46.99	162.84	0.11	346%	148	72
MIXED	SCHED_FIFO	1	20	43.55	161.37	0.04	370%	161	67
MIXED	SCHED_FIFO	1	20	44.12	156.7	0.03	355%	149	73
MIXED	SCHED_FIFO	1	20	45.46	161.59	0.08	355%	153	72
MIXED	SCHED_FIFO	1	20	45.27	165.45	0.04	365%	165	65
MIXED	SCHED_FIFO	1	20	42.59	158.5	0.04	372%	161	99
MIXED	SCHED_FIFO	1	20	46.66	162.54	0.07	348%	153	66
MIXED	SCHED_FIFO	1	20	45.15	161.15	0.06	357%	157	152
MIXED	SCHED_FIFO	1	20	45.17	166.43	0.04	368%	168	66
MIXED	SCHED_FIFO	1	20	43.06	160.58	0.08	373%	161	78
MIXED	SCHED_FIFO	1	20	45.65	161.55	0.05	354%	153	74
MIXED	SCHED_FIFO	1	20	46.3	162.13	0.09	350%	153	76
MIXED	SCHED_FIFO	1	20	44.39	165.72	0.06	373%	165	68
MIXED	SCHED_FIFO	1	20	46.27	164.19	0.05	354%	159	71
MIXED	SCHED_FIFO	1	20	46.21	162.58	0.02	351%	153	68
MIXED	SCHED_FIFO	1	20	42.87	159.07	0.03	371%	157	68
MIXED	SCHED_FIFO	1	20	45.46	163.97	0.04	360%	161	80
MIXED	SCHED_FIFO	1	20	44.61	163.81	0.06	367%	161	88
MIXED	SCHED_FIFO	1	20	43.58	159.76	0.05	366%	161	95
MIXED	SCHED_FIFO	1	20	44.53	158.1	0.04	355%	153	73
MIXED	SCHED_FIFO	1	20	44.6	161.49	0.04	362%	157	64
MIXED	SCHED_FIFO	1	20	47.16	165.93	0.1	352%	161	68
MIXED	SCHED_FIFO	1	20	44.18	153.47	0.08	347%	145	72
MIXED	SCHED_FIFO	1	20	45.69	165.83	0.05	363%	166	68
MIXED	SCHED_FIFO	1	20	43.64	156.43	0.09	358%	153	71
MIXED	SCHED_FIFO	1	20	48.13	167.58	0.03	348%	154	74
MIXED	SCHED_FIFO	1	20	45.76	166.8	0.03	364%	166	71
MIXED	SCHED_FIFO	1	20	43.59	164.1	0.07	376%	167	68
MIXED	SCHED_FIFO	1	20	48.34	171.13	0.05	354%	162	89
MIXED	SCHED_FIFO	1	20	47.17	170.03	0.08	360%	162	71
MIXED	SCHED_FIFO	1	20	47.46	164.51	0.08	346%	153	67
MIXED	SCHED_FIFO	1	20	46.7	169.55	0.06	363%	168	70
MIXED	SCHED_FIFO	1	20	43.89	163.59	0.08	372%	165	69
MIXED	SCHED_FIFO	1	20	45.99	167.92	0.07	365%	165	67
MIXED	SCHED_FIFO	1	20	48.53	169.21	0.06	348%	159	66
MIXED	SCHED_FIFO	1	20	47.49	165.32	0.09	348%	153	85
MIXED	SCHED_FIFO	1	20	45.03	157.23	0.06	349%	152	71
MIXED	SCHED_FIFO	1	20	46.69	167.48	0.07	358%	159	67
MIXED	SCHED_FIFO	1	20	43.94	162.8	0.04	370%	164	67
MIXED	SCHED_FIFO	1	20	44.53	163	0.06	366%	165	70
MIXED	SCHED_FIFO	1	20	43.53	152.26	0.02	349%	141	72
MIXED	SCHED_FIFO	1	20	45.78	165.93	0.08	362%	161	70
MIXED	SCHED_FIFO	1	20	48.08	165.69	0.09	344%	155	70
MIXED	SCHED_FIFO	1	20	45.32	157.43	0.12	347%	145	71
MIXED	SCHED_FIFO	1	20	47.99	168.62	0.12	351%	157	72
MIXED	SCHED_FIFO	1	20	48.34	165.85	0.06	343%	157	66

MIXED	SCHED_FIFO	1	20	47.81	170.13	0.08	355%	162	70
MIXED	SCHED_FIFO	1	20	47.71	169.43	0.06	355%	164	69
MIXED	SCHED_FIFO	1	20	46.88	167.38	0.06	357%	165	70
MIXED	SCHED_FIFO	1	20	48.21	171.32	0.08	355%	165	67
MIXED	SCHED_FIFO	1	20	45.13	164.71	0.04	365%	161	67
MIXED	SCHED_FIFO	1	20	44.2	162.23	0.08	367%	157	64
MIXED	SCHED_FIFO	1	20	47.93	169.14	0.1	353%	164	75
MIXED	SCHED_FIFO	1	20	46.41	172.13	0.06	370%	173	68
MIXED	SCHED_FIFO	1	20	44.01	162.56	0.1	369%	162	69
MIXED	SCHED_FIFO	1	20	46.04	160.42	0.13	348%	149	70
MIXED	SCHED_FIFO	1	20	47.07	168.77	0.1	358%	164	71
MIXED	SCHED_FIFO	1	20	44.79	162.04	0.06	361%	161	73
MIXED	SCHED_FIFO	1	20	45.83	159.57	0.1	348%	149	66
MIXED	SCHED_FIFO	1	20	42.43	152.74	0.05	360%	149	70
MIXED	SCHED_FIFO	1	20	47.64	166.68	0.08	350%	156	69
MIXED	SCHED_FIFO	1	20	48.12	168.89	0.09	351%	161	70
MIXED	SCHED_FIFO	1	20	44.36	159.85	0.04	360%	153	67
MIXED	SCHED_FIFO	1	20	47.53	166.69	0.06	350%	161	71
MIXED	SCHED_FIFO	1	20	48.58	170.86	0.12	351%	155	89
MIXED	SCHED_FIFO	1	20	43.8	158.94	0.08	363%	155	66
MIXED	SCHED_FIFO	1	20	48.83	171.15	0.06	350%	163	67
MIXED	SCHED_FIFO	1	20	48.1	169.83	0.08	353%	164	91
MIXED	SCHED_FIFO	1	20	45.84	165.13	0.07	360%	161	69
MIXED	SCHED_FIFO	1	20	47.73	169.94	0.08	356%	162	66
MIXED	SCHED_FIFO	1	20	46.7	163.56	0.1	350%	156	68
MIXED	SCHED_FIFO	1	20	44.07	165.35	0.03	375%	168	70
MIXED	SCHED_FIFO	1	20	46.94	164.86	0.04	351%	154	87
MIXED	SCHED_FIFO	1	20	47.9	172.19	0.08	359%	167	68
MIXED	SCHED_FIFO	1	20	44.85	160.22	0.07	357%	157	74
MIXED	SCHED_FIFO	1	20	47.63	168.6	0.08	354%	158	70
MIXED	SCHED_FIFO	1	20	46.81	168.93	0.05	361%	166	70
MIXED	SCHED_FIFO	1	20	47.98	174.25	0.08	363%	169	70
MIXED	SCHED_FIFO	1	20	47.44	168.48	0.1	355%	165	66
MIXED	SCHED_FIFO	1	20	47.83	171.67	0.07	359%	168	89
MIXED	SCHED_FIFO	1	20	48.4	170.43	0.07	352%	164	68
MIXED	SCHED_FIFO	1	20	46.61	174.34	0.03	374%	177	84
MIXED	SCHED_FIFO	1	20	42.62	155.74	0.05	365%	152	68
MIXED	SCHED_FIFO	1	20	45.51	168.06	0.07	369%	169	67
MIXED	SCHED_FIFO	1	20	45.08	166.83	0.07	370%	165	69
MIXED	SCHED_FIFO	1	20	47.67	169.05	0.1	354%	157	87
MIXED	SCHED_FIFO	1	20	44.33	165.03	0.07	372%	165	67
MIXED	SCHED_OTHER	1	20	41.08	157.53	0.25	384%	33957	113
MIXED	SCHED_OTHER	1	20	39.11	149.94	0.07	383%	30850	97
MIXED	SCHED_OTHER	1	20	41.77	159.96	0.19	383%	33189	94
MIXED	SCHED_OTHER	1	20	41.13	157.58	0.14	383%	32837	91
MIXED	SCHED_OTHER	1	20	40.36	154.69	0.12	383%	32891	92
MIXED	SCHED_OTHER	1	20	40.35	154.94	0.13	384%	33785	87
MIXED	SCHED_OTHER	1	20	41.17	157.52	0.14	382%	32149	92
MIXED	SCHED_OTHER	1	20	38.46	147.43	0.12	383%	30361	95
MIXED	SCHED_OTHER	1	20	41.82	159.68	0.15	382%	33640	85
MIXED	SCHED_OTHER	1	20	41.81	159.53	0.18	381%	33641	91
MIXED	SCHED_OTHER	1	20	40.29	153.98	0.13	382%	32376	96
MIXED	SCHED_OTHER	1	20	40.23	154.61	0.07	384%	32031	92
MIXED	SCHED_OTHER	1	20	41.34	159.06	0.11	385%	32665	97
MIXED	SCHED_OTHER	1	20	39.05	149.31	0.12	382%	32388	91
MIXED	SCHED_OTHER	1	20	41.78	158.44	0.19	379%	32948	88
MIXED	SCHED_OTHER	1	20	41.77	158.64	0.13	380%	34306	100
MIXED	SCHED_OTHER	1	20	41.57	158.15	0.14	380%	32625	94
MIXED	SCHED_OTHER	1	20	38.12	146.66	0.12	384%	30626	96
MIXED	SCHED_OTHER	1	20	40.82	156.07	0.15	382%	32226	98
MIXED	SCHED_OTHER	1	20	41.18	157.46	0.12	382%	32783	95
MIXED	SCHED_OTHER	1	20	39.73	151.12	0.11	380%	32788	95
MIXED	SCHED_OTHER	1	20	42.21	160.09	0.16	379%	34090	91
MIXED	SCHED_OTHER	1	20	42.35	162.01	0.14	382%	33535	93
MIXED	SCHED_OTHER	1	20	40.39	155.55	0.1	385%	32843	94
MIXED	SCHED_OTHER	1	20	40.11	153.66	0.14	383%	31552	97
MIXED	SCHED_OTHER	1	20	41.61	159.13	0.11	382%	33484	94
MIXED	SCHED_OTHER	1	20	38.85	150.34	0.1	387%	31475	100

MIXED	SCHED_OTHER	1	20	38.9	149.37	0.12	384%	32541	87
MIXED	SCHED_OTHER	1	20	42.13	160.11	0.13	380%	33534	96
MIXED	SCHED_OTHER	1	20	41.48	158.74	0.11	382%	33260	87
MIXED	SCHED_OTHER	1	20	40.26	155.03	0.14	385%	32186	89
MIXED	SCHED_OTHER	1	20	40.35	153.97	0.11	381%	31485	92
MIXED	SCHED_OTHER	1	20	40.99	158.16	0.11	386%	33442	95
MIXED	SCHED_OTHER	1	20	41.75	159.45	0.1	382%	34021	107
MIXED	SCHED_OTHER	1	20	42.95	164.61	0.12	383%	35395	87
MIXED	SCHED_OTHER	1	20	40.11	154.05	0.16	384%	32584	91
MIXED	SCHED_OTHER	1	20	42.37	160.82	0.12	379%	34076	92
MIXED	SCHED_OTHER	1	20	42.41	161.49	0.08	380%	32057	88
MIXED	SCHED_OTHER	1	20	42.38	162.27	0.14	383%	33571	96
MIXED	SCHED_OTHER	1	20	41.6	158.55	0.1	381%	33037	95
MIXED	SCHED_OTHER	1	20	39.89	153.07	0.13	384%	32701	94
MIXED	SCHED_OTHER	1	20	40.84	157.24	0.12	385%	32427	92
MIXED	SCHED_OTHER	1	20	42.95	164.55	0.18	383%	34397	98
MIXED	SCHED_OTHER	1	20	39.34	150.04	0.16	381%	31183	93
MIXED	SCHED_OTHER	1	20	43.66	165.95	0.17	380%	35068	91
MIXED	SCHED_OTHER	1	20	41.14	157.42	0.13	382%	33131	103
MIXED	SCHED_OTHER	1	20	40.76	155.65	0.17	382%	33536	95
MIXED	SCHED_OTHER	1	20	39.94	153.73	0.12	385%	31723	86
MIXED	SCHED_OTHER	1	20	39.39	151.7	0.11	385%	32408	95
MIXED	SCHED_OTHER	1	20	41.42	158	0.14	381%	32472	91
MIXED	SCHED_OTHER	1	20	41.34	158.11	0.08	382%	32234	90
MIXED	SCHED_OTHER	1	20	39.22	150.66	0.12	384%	32802	93
MIXED	SCHED_OTHER	1	20	42.87	163.63	0.14	382%	34811	93
MIXED	SCHED_OTHER	1	20	42.21	162.15	0.12	384%	34303	90
MIXED	SCHED_OTHER	1	20	40.3	154.26	0.15	383%	32429	92
MIXED	SCHED_OTHER	1	20	38.81	148.15	0.15	382%	30014	93
MIXED	SCHED_OTHER	1	20	38.54	147.68	0.11	383%	30764	97
MIXED	SCHED_OTHER	1	20	39.58	150.76	0.14	381%	32405	82
MIXED	SCHED_OTHER	1	20	39.89	152.62	0.11	382%	31082	107
MIXED	SCHED_OTHER	1	20	38.96	148.84	0.16	382%	30937	95
MIXED	SCHED_OTHER	1	20	38.69	148.03	0.14	382%	30477	93
MIXED	SCHED_OTHER	1	20	38.34	148.04	0.1	386%	30945	93
MIXED	SCHED_OTHER	1	20	39.29	149.15	0.15	379%	31642	91
MIXED	SCHED_OTHER	1	20	39.35	150.34	0.13	382%	31150	85
MIXED	SCHED_OTHER	1	20	39.99	151.93	0.11	380%	33301	89
MIXED	SCHED_OTHER	1	20	39.91	151.33	0.1	379%	33157	90
MIXED	SCHED_OTHER	1	20	38.85	149.23	0.13	384%	31460	92
MIXED	SCHED_OTHER	1	20	39.26	149.56	0.2	381%	32456	94
MIXED	SCHED_OTHER	1	20	39.53	150.8	0.15	381%	30558	95
MIXED	SCHED_OTHER	1	20	39.26	150.62	0.14	384%	31922	89
MIXED	SCHED_OTHER	1	20	38.58	147.35	0.2	382%	31530	98
MIXED	SCHED_OTHER	1	20	40.1	153.98	0.12	384%	32926	85
MIXED	SCHED_OTHER	1	20	39.7	152.25	0.12	383%	32393	93
MIXED	SCHED_OTHER	1	20	40.77	155.05	0.14	380%	32582	90
MIXED	SCHED_OTHER	1	20	40.46	154.77	0.18	382%	31241	93
MIXED	SCHED_OTHER	1	20	39.01	150.28	0.1	385%	32891	103
MIXED	SCHED_OTHER	1	20	42.74	162.55	0.16	380%	35621	90
MIXED	SCHED_OTHER	1	20	41.27	156.83	0.15	380%	34371	92
MIXED	SCHED_OTHER	1	20	39.63	151.15	0.12	381%	31188	94
MIXED	SCHED_OTHER	1	20	40.17	154.37	0.16	384%	31295	93
MIXED	SCHED_OTHER	1	20	39.53	151.53	0.12	383%	30670	101
MIXED	SCHED_OTHER	1	20	41.01	155.33	0.1	378%	32524	96
MIXED	SCHED_OTHER	1	20	38.99	149.79	0.11	384%	32281	93
MIXED	SCHED_OTHER	1	20	42.77	162.93	0.13	381%	33325	92
MIXED	SCHED_OTHER	1	20	41.65	158.1	0.16	379%	32822	84
MIXED	SCHED_OTHER	1	20	39.85	150.87	0.18	379%	32164	84
MIXED	SCHED_OTHER	1	20	40.24	153.51	0.14	381%	32021	82
MIXED	SCHED_OTHER	1	20	40.31	155.13	0.13	385%	33049	97
MIXED	SCHED_OTHER	1	20	40.77	156.2	0.12	383%	32942	90
MIXED	SCHED_OTHER	1	20	39.05	149.35	0.11	382%	32645	92
MIXED	SCHED_OTHER	1	20	42.56	162.03	0.15	381%	32764	93
MIXED	SCHED_OTHER	1	20	41.09	156.95	0.1	382%	32466	93
MIXED	SCHED_OTHER	1	20	39.46	151.29	0.07	383%	31795	92
MIXED	SCHED_OTHER	1	20	39.41	151.97	0.16	385%	31891	87
MIXED	SCHED_OTHER	1	20	40.41	153.24	0.12	379%	32658	96

MIXED	SCHED_OTHER	1	20	41.01	157.08	0.16	383%	32251	97
MIXED	SCHED_OTHER	1	20	39.37	150.34	0.12	382%	33191	94
MIXED	SCHED_OTHER	1	20	42.56	161.63	0.17	380%	35372	87
MIXED	SCHED_OTHER	1	20	40.79	156.72	0.2	384%	32879	96
MIXED	SCHED_OTHER	1	20	39.79	151.44	0.15	380%	31838	83
MIXED	SCHED_OTHER	1	20	39.69	152.99	0.12	385%	30964	93
MIXED	SCHED_OTHER	1	20	40.3	154.34	0.14	383%	32075	93
MIXED	SCHED_OTHER	1	20	40.76	156.31	0.16	383%	33166	91
MIXED	SCHED_OTHER	1	20	39.44	149.58	0.13	379%	32685	125
MIXED	SCHED_OTHER	1	20	42.81	162.15	0.13	379%	34181	89
MIXED	SCHED_OTHER	1	20	40.61	156.08	0.15	384%	31589	79
MIXED	SCHED_OTHER	1	20	39.64	151.27	0.12	381%	32035	88
MIXED	SCHED_OTHER	1	20	39.98	153.35	0.12	383%	32856	99
MIXED	SCHED_OTHER	1	20	41.02	156	0.12	380%	33413	89
MIXED	SCHED_OTHER	1	20	41.36	157.5	0.17	381%	33288	85
MIXED	SCHED_OTHER	1	20	39.15	150.1	0.11	383%	32530	92
MIXED	SCHED_OTHER	1	20	42.79	161.82	0.2	378%	33443	88
MIXED	SCHED_OTHER	1	20	41.29	156.96	0.15	380%	32738	89
MIXED	SCHED_OTHER	1	20	39.51	150.46	0.13	381%	31401	93
MIXED	SCHED_OTHER	1	20	39.64	152.46	0.1	384%	31789	96
MIXED	SCHED_OTHER	1	20	40.49	155.3	0.12	383%	31773	85
MIXED	SCHED_OTHER	1	20	41.81	159.38	0.12	381%	33042	96
MIXED	SCHED_OTHER	1	20	38.73	149.54	0.08	386%	31539	103
MIXED	SCHED_OTHER	1	20	42.44	162.48	0.04	382%	33568	103
MIXED	SCHED_OTHER	1	20	41.28	157.2	0.14	381%	33323	120
MIXED	SCHED_OTHER	1	20	39.56	150.58	0.15	380%	31901	108
MIXED	SCHED_OTHER	1	20	39.72	153.28	0.12	386%	32259	99
MIXED	SCHED_OTHER	1	20	40.38	155.14	0.1	384%	32264	90
MIXED	SCHED_OTHER	1	20	40.61	155.41	0.08	382%	31504	89
MIXED	SCHED_OTHER	1	20	38.83	149.12	0.15	384%	33190	93
MIXED	SCHED_OTHER	1	20	40.42	154.5	0.11	382%	34069	85
MIXED	SCHED_OTHER	1	20	42.05	159.89	0.1	380%	33957	95
MIXED	SCHED_OTHER	1	20	40.56	154.96	0.13	382%	33436	98
MIXED	SCHED_OTHER	1	20	40.87	156.38	0.12	382%	32586	94
MIXED	SCHED_OTHER	1	20	39.07	149.11	0.12	381%	31099	89
MIXED	SCHED_OTHER	1	20	40.87	155.71	0.12	381%	33373	86
MIXED	SCHED_OTHER	1	20	41	157.18	0.12	383%	32630	94
MIXED	SCHED_OTHER	1	20	41.73	158.23	0.11	379%	32693	93
MIXED	SCHED_OTHER	1	20	41.03	156.35	0.15	381%	32519	92
MIXED	SCHED_OTHER	1	20	41.71	159.41	0.1	382%	31939	90
MIXED	SCHED_OTHER	1	20	41.45	158.72	0.13	383%	33069	86
MIXED	SCHED_OTHER	1	20	42.2	159.94	0.15	379%	33982	86
MIXED	SCHED_OTHER	1	20	42.29	160.28	0.09	379%	33372	102
MIXED	SCHED_OTHER	1	20	39.51	151.79	0.08	384%	31511	86
MIXED	SCHED_OTHER	1	20	40.1	153.74	0.08	383%	31552	90
MIXED	SCHED_OTHER	1	20	41.43	158.2	0.11	382%	31772	83
MIXED	SCHED_OTHER	1	20	39.02	150.1	0.11	384%	32577	90
MIXED	SCHED_OTHER	1	20	42.73	162.25	0.15	380%	35422	90
MIXED	SCHED_OTHER	1	20	41.22	157.23	0.12	381%	33001	110
MIXED	SCHED_OTHER	1	20	39.7	152.13	0.12	383%	31947	86
MIXED	SCHED_OTHER	1	20	40.18	153.19	0.13	381%	31396	93
MIXED	SCHED_OTHER	1	20	40.67	156.18	0.07	384%	31878	85
MIXED	SCHED_OTHER	1	20	40.84	156.44	0.12	383%	33070	90
MIXED	SCHED_OTHER	1	20	38.88	148.83	0.14	383%	32058	92
MIXED	SCHED_OTHER	1	20	40	152.42	0.16	381%	32874	87
MIXED	SCHED_OTHER	1	20	42.18	160.89	0.1	381%	33567	89
MIXED	SCHED_OTHER	1	20	41.61	158.99	0.1	382%	33011	78
MIXED	SCHED_OTHER	1	20	39.87	150.55	0.12	377%	31522	91
MIXED	SCHED_OTHER	1	20	41.74	159.66	0.07	382%	33610	89
MIXED	SCHED_OTHER	1	20	41.43	157.52	0.12	380%	32814	94
MIXED	SCHED_OTHER	1	20	41.25	156.86	0.11	380%	32254	97
MIXED	SCHED_OTHER	1	20	42.05	158.88	0.08	378%	32748	93
MIXED	SCHED_OTHER	1	20	42.08	160.38	0.11	381%	33558	92
MIXED	SCHED_OTHER	1	20	42.15	160.09	0.13	380%	33139	96
MIXED	SCHED_OTHER	1	20	41.45	157.44	0.16	380%	32501	129
MIXED	SCHED_OTHER	1	20	41.56	157	0.14	378%	33029	98
MIXED	SCHED_OTHER	1	20	42	161.02	0.08	383%	33485	100
MIXED	SCHED_OTHER	1	20	42.68	160.67	0.24	377%	34475	81

MIXED	SCHED_OTHER	1	20	41.72	158.24	0.13	379%	32095	91
MIXED	SCHED_OTHER	1	20	41.46	157.54	0.15	380%	32071	94
MIXED	SCHED_OTHER	1	20	41.26	157.1	0.15	381%	33504	96
MIXED	SCHED_OTHER	1	20	41.67	159.09	0.1	382%	33701	92
MIXED	SCHED_OTHER	1	20	42.1	160.16	0.11	380%	33934	94
MIXED	SCHED_OTHER	1	20	41.82	158.39	0.16	379%	32871	91
MIXED	SCHED_OTHER	1	20	41.34	157.86	0.12	382%	32637	96
MIXED	SCHED_OTHER	1	20	41.21	156.44	0.15	379%	33386	92
MIXED	SCHED_OTHER	1	20	41.51	158.36	0.13	381%	32846	93
MIXED	SCHED_OTHER	1	20	42.11	161.08	0.12	382%	34116	96
MIXED	SCHED_OTHER	1	20	41.41	158.52	0.08	382%	32245	94
MIXED	SCHED_OTHER	1	20	41.06	156.71	0.13	381%	32632	93
MIXED	SCHED_OTHER	1	20	41.11	156.82	0.07	381%	32090	95
MIXED	SCHED_OTHER	1	20	42.22	159.14	0.14	377%	34361	98
MIXED	SCHED_OTHER	1	20	41.8	160.26	0.16	383%	34226	92
MIXED	SCHED_OTHER	1	20	41.47	158.3	0.15	382%	33578	93
MIXED	SCHED_OTHER	1	20	40.96	157.11	0.12	383%	33086	93
MIXED	SCHED_OTHER	1	20	41.01	156.78	0.1	382%	31652	87
MIXED	SCHED_OTHER	1	20	41.96	159.36	0.18	380%	33623	85
MIXED	SCHED_OTHER	1	20	42.57	160.99	0.1	378%	34227	90
MIXED	SCHED_OTHER	1	20	41.66	158.23	0.16	380%	33798	89
MIXED	SCHED_OTHER	1	20	40.96	156.86	0.14	383%	33752	90
MIXED	SCHED_OTHER	1	20	41.7	156.68	0.18	376%	33410	90
MIXED	SCHED_OTHER	1	20	41.87	159.28	0.12	380%	31842	91
MIXED	SCHED_OTHER	1	20	42.25	160.79	0.1	380%	33242	90
MIXED	SCHED_OTHER	1	20	41.76	158.22	0.15	379%	33042	88
MIXED	SCHED_OTHER	1	20	41.42	157.48	0.1	380%	33396	90
MIXED	SCHED_OTHER	1	20	41.68	157.06	0.15	377%	33048	94
MIXED	SCHED_OTHER	1	20	41.87	159.2	0.15	380%	32894	86
MIXED	SCHED_OTHER	1	20	42.17	160.16	0.12	380%	32939	91
MIXED	SCHED_OTHER	1	20	41.71	159.44	0.18	382%	32754	98
MIXED	SCHED_OTHER	1	20	41.51	158.67	0.12	382%	32905	84
MIXED	SCHED_OTHER	1	20	41.26	156.32	0.14	379%	32780	92
MIXED	SCHED_OTHER	1	20	41.89	159.38	0.14	380%	33407	91
MIXED	SCHED_OTHER	1	20	42.59	160.36	0.21	377%	33655	88
MIXED	SCHED_OTHER	1	20	41.62	158.38	0.16	380%	31586	95
MIXED	SCHED_OTHER	1	20	41.15	157.24	0.11	382%	31973	115
MIXED	SCHED_OTHER	1	20	41.21	157.08	0.13	381%	34095	88
MIXED	SCHED_OTHER	1	20	42.09	160.37	0.14	381%	32756	89
MIXED	SCHED_OTHER	1	20	41.84	159.36	0.12	381%	32614	92
MIXED	SCHED_OTHER	1	20	41.33	158.2	0.12	383%	32676	95
MIXED	SCHED_OTHER	1	20	41.12	157.55	0.12	383%	32579	89
MIXED	SCHED_OTHER	1	20	41.23	157.33	0.13	381%	31967	83
MIXED	SCHED_OTHER	1	20	42.01	159.39	0.07	379%	32416	85
MIXED	SCHED_OTHER	1	20	42.32	160.89	0.15	380%	34174	95
MIXED	SCHED_OTHER	1	20	41.57	159.41	0.13	383%	33798	93
MIXED	SCHED_OTHER	1	20	40.96	156.65	0.2	382%	32755	91
MIXED	SCHED_OTHER	1	20	41.64	156.76	0.21	376%	32385	86
MIXED	SCHED_OTHER	1	20	41.9	159.98	0.1	382%	32569	90
MIXED	SCHED_OTHER	1	20	41.98	160.27	0.08	381%	32159	93
MIXED	SCHED_OTHER	1	20	41.92	158.46	0.16	378%	32999	88
MIXED	SCHED_OTHER	1	20	41.24	157.27	0.12	381%	32420	96
MIXED	SCHED_OTHER	1	20	40.9	156.2	0.12	382%	31377	87
MIXED	SCHED_OTHER	1	20	41.99	158.93	0.16	378%	33283	93
MIXED	SCHED_OTHER	1	20	42.8	160.8	0.15	376%	33557	90
MIXED	SCHED_OTHER	1	20	42.06	158.92	0.12	378%	33241	92
MIXED	SCHED_OTHER	1	20	41.77	157.36	0.15	377%	33421	89
MIXED	SCHED_OTHER	1	20	41.04	155.88	0.11	380%	31793	90
MIXED	SCHED_OTHER	1	20	41.65	159.34	0.08	382%	32196	100
MIXED	SCHED_OTHER	1	20	42.22	160.15	0.18	379%	32685	98
MIXED	SCHED_OTHER	1	20	41.45	157.56	0.13	380%	32492	97
MIXED	SCHED_OTHER	1	20	41.34	156.97	0.16	380%	33187	93
MIXED	SCHED_OTHER	1	20	41.59	157.78	0.16	379%	33221	91
MIXED	SCHED_OTHER	1	20	42.08	159.31	0.17	378%	33201	83
MIXED	SCHED_OTHER	1	20	42.12	160.34	0.14	381%	33082	82
MIXED	SCHED_OTHER	1	20	41.7	158.62	0.14	380%	31726	97
MIXED	SCHED_OTHER	1	20	41.05	157.07	0.14	382%	32247	91
MIXED	SCHED_OTHER	1	20	41.38	157.17	0.07	379%	32398	99

MIXED	SCHED_OTHER	1	20	42.09	159.05	0.16	378%	33607	85
MIXED	SCHED_OTHER	1	20	42.22	160.55	0.15	380%	33431	95
MIXED	SCHED_OTHER	1	20	41.93	158.55	0.16	378%	33770	90
MIXED	SCHED_OTHER	1	20	41.02	157.04	0.06	383%	32061	87
MIXED	SCHED_OTHER	1	20	41.36	157.36	0.16	380%	32902	90
MIXED	SCHED_OTHER	1	20	41.78	159.24	0.11	381%	33918	91
MIXED	SCHED_OTHER	1	20	42.29	160.61	0.1	379%	33693	99
MIXED	SCHED_OTHER	1	20	42.39	158.82	0.16	374%	33117	92
MIXED	SCHED_OTHER	1	20	41.28	158.84	0.09	385%	31988	86
MIXED	SCHED_OTHER	1	20	41.11	156.84	0.1	381%	31773	94
MIXED	SCHED_OTHER	1	20	41.46	158.78	0.1	383%	33343	90
MIXED	SCHED_OTHER	1	20	42.52	160.22	0.11	377%	33487	89
MIXED	SCHED_OTHER	1	20	41.91	158.64	0.11	378%	32281	96
MIXED	SCHED_OTHER	1	20	41.75	158.6	0.15	380%	34705	91
MIXED	SCHED_OTHER	1	20	41.15	156.8	0.12	381%	31820	92
MIXED	SCHED_OTHER	1	20	42.1	159.56	0.14	379%	32539	92
MIXED	SCHED_OTHER	1	20	42.35	160.37	0.12	378%	32607	93
MIXED	SCHED_OTHER	1	20	41.89	158.58	0.13	378%	33478	102
MIXED	SCHED_OTHER	1	20	41.58	157.75	0.12	379%	33582	101
MIXED	SCHED_OTHER	1	20	41.73	158.71	0.13	380%	32195	86
MIXED	SCHED_OTHER	1	20	42.03	159.91	0.12	380%	31689	140
MIXED	SCHED_OTHER	1	20	42.46	160.73	0.14	378%	33215	90
MIXED	SCHED_OTHER	1	20	41.47	158.62	0.1	382%	33020	87
MIXED	SCHED_OTHER	1	20	41.09	156.84	0.12	381%	32224	85
MIXED	SCHED_OTHER	1	20	41.3	157.26	0.1	380%	32475	89
MIXED	SCHED_OTHER	1	20	41.48	159.16	0.12	383%	31669	88
MIXED	SCHED_OTHER	1	20	42.47	160.83	0.11	378%	32420	89
MIXED	SCHED_OTHER	1	20	41.59	159.11	0.12	382%	33642	97
MIXED	SCHED_OTHER	1	20	41.08	157.27	0.12	383%	32946	102
MIXED	SCHED_OTHER	1	20	41.16	156.84	0.19	381%	32881	93
MIXED	SCHED_OTHER	1	20	41.84	158.6	0.16	379%	32960	89
MIXED	SCHED_OTHER	1	20	42.14	160.15	0.13	380%	32231	92
MIXED	SCHED_OTHER	1	20	41.65	158.84	0.14	381%	32391	109
MIXED	SCHED_OTHER	1	20	41.13	156.65	0.14	381%	32065	97
MIXED	SCHED_OTHER	1	20	41.52	157.13	0.15	378%	33631	87
MIXED	SCHED_OTHER	1	20	41.93	159.5	0.13	380%	33285	88
MIXED	SCHED_OTHER	1	20	42.63	160.64	0.16	377%	34027	84
MIXED	SCHED_OTHER	1	20	41.88	159.02	0.15	380%	33204	96
MIXED	SCHED_OTHER	1	20	41.31	157.38	0.14	381%	32247	89
MIXED	SCHED_OTHER	1	20	41	156.88	0.08	382%	32547	88
MIXED	SCHED_OTHER	1	20	41.99	159.46	0.16	380%	32853	94
MIXED	SCHED_OTHER	1	20	41.85	160.33	0.12	383%	33120	95
MIXED	SCHED_OTHER	1	20	41.8	158.63	0.13	379%	33439	96
MIXED	SCHED_OTHER	1	20	41.32	157.32	0.1	380%	32266	94
MIXED	SCHED_OTHER	1	20	41.49	157.2	0.08	379%	31819	96
MIXED	SCHED_OTHER	1	20	41.43	158.77	0.11	383%	32828	86
MIXED	SCHED_OTHER	1	20	42.29	160.67	0.14	380%	34470	101
MIXED	SCHED_OTHER	1	20	42.09	158.92	0.16	377%	34066	92
MIXED	SCHED_OTHER	1	20	41.58	157.85	0.13	379%	31994	93
MIXED	SCHED_OTHER	1	20	41.41	156.68	0.18	378%	32633	88
MIXED	SCHED_OTHER	1	20	42.18	159.79	0.14	379%	33306	84
MIXED	SCHED_OTHER	1	20	42.42	160.84	0.13	379%	34387	78
MIXED	SCHED_OTHER	1	20	41.63	158.32	0.09	380%	32761	90
MIXED	SCHED_OTHER	1	20	41.66	157.74	0.08	378%	32370	92
MIXED	SCHED_OTHER	1	20	41.25	156.64	0.19	380%	32081	97
MIXED	SCHED_OTHER	1	20	42.22	159.45	0.07	377%	32540	91
MIXED	SCHED_OTHER	1	20	42.91	161.34	0.14	376%	33972	89
MIXED	SCHED_OTHER	1	20	42.06	158.57	0.12	377%	33095	83
MIXED	SCHED_OTHER	1	20	41.64	157.35	0.17	378%	33445	93
MIXED	SCHED_OTHER	1	20	41.66	156.46	0.17	375%	32487	91
MIXED	SCHED_OTHER	1	20	41.69	159.05	0.11	381%	32629	93
MIXED	SCHED_OTHER	1	20	42.45	160.43	0.13	378%	32642	94
MIXED	SCHED_OTHER	1	20	42.51	161.3	0.14	379%	33298	98
MIXED	SCHED_OTHER	1	20	41.24	157.53	0.1	382%	32464	89
MIXED	SCHED_OTHER	1	20	41.41	157.11	0.13	379%	33168	90
MIXED	SCHED_OTHER	1	20	42.52	160.12	0.14	376%	33873	102
MIXED	SCHED_OTHER	1	20	42.85	160.87	0.16	375%	32653	91
MIXED	SCHED_OTHER	1	20	41.96	158.28	0.09	377%	31727	93

MIXED	SCHED_OTHER	1	20	41.3	156.97	0.13	380%	32917	95
MIXED	SCHED_RR	1	20	43.79	156.53	0.05	357%	474	81
MIXED	SCHED_RR	1	20	43.05	156.39	0.03	363%	473	70
MIXED	SCHED_RR	1	20	46.9	166.05	0.04	354%	518	74
MIXED	SCHED_RR	1	20	46.84	171.21	0.04	365%	520	71
MIXED	SCHED_RR	1	20	45.62	161.21	0.09	353%	501	75
MIXED	SCHED_RR	1	20	46	167.01	0.1	363%	520	76
MIXED	SCHED_RR	1	20	46.75	168.98	0.04	361%	520	80
MIXED	SCHED_RR	1	20	43.54	159.13	0.07	365%	470	75
MIXED	SCHED_RR	1	20	43.39	159.52	0.04	367%	477	78
MIXED	SCHED_RR	1	20	46.68	172.21	0.02	368%	526	71
MIXED	SCHED_RR	1	20	46.83	171.48	0.06	366%	522	70
MIXED	SCHED_RR	1	20	44.95	160.79	0.04	357%	493	70
MIXED	SCHED_RR	1	20	44.09	159.64	0.05	362%	482	91
MIXED	SCHED_RR	1	20	42.86	157.38	0.06	367%	482	78
MIXED	SCHED_RR	1	20	45.33	161.99	0.08	357%	518	81
MIXED	SCHED_RR	1	20	44.65	160.11	0.1	358%	496	75
MIXED	SCHED_RR	1	20	44.65	159.16	0.05	356%	493	71
MIXED	SCHED_RR	1	20	45	157.37	0.13	349%	503	79
MIXED	SCHED_RR	1	20	45.43	160.99	0.09	354%	507	75
MIXED	SCHED_RR	1	20	45.6	161.48	0.06	354%	496	71
MIXED	SCHED_RR	1	20	44.5	158.92	0.06	357%	496	74
MIXED	SCHED_RR	1	20	43.33	158.3	0.03	365%	474	74
MIXED	SCHED_RR	1	20	43.16	159.74	0.03	370%	475	74
MIXED	SCHED_RR	1	20	44.98	163.72	0.07	364%	512	76
MIXED	SCHED_RR	1	20	43.73	157.7	0.09	360%	490	79
MIXED	SCHED_RR	1	20	44.22	159.07	0.08	359%	488	71
MIXED	SCHED_RR	1	20	43.49	158.93	0.04	365%	469	75
MIXED	SCHED_RR	1	20	43.77	161.27	0.04	368%	487	72
MIXED	SCHED_RR	1	20	43.64	158.66	0.05	363%	483	75
MIXED	SCHED_RR	1	20	43.97	159.91	0.06	363%	489	81
MIXED	SCHED_RR	1	20	44.92	159.2	0.02	354%	494	72
MIXED	SCHED_RR	1	20	43.72	161.07	0.04	368%	484	73
MIXED	SCHED_RR	1	20	43.77	159.89	0.05	365%	471	150
MIXED	SCHED_RR	1	20	45.06	160.41	0.04	356%	489	70
MIXED	SCHED_RR	1	20	44.05	157.57	0.09	357%	481	80
MIXED	SCHED_RR	1	20	44.58	160.91	0.14	361%	499	81
MIXED	SCHED_RR	1	20	42.33	154.08	0.05	364%	497	129
MIXED	SCHED_RR	1	20	42.58	157	0.1	368%	471	78
MIXED	SCHED_RR	1	20	45.07	158.18	0.04	351%	490	69
MIXED	SCHED_RR	1	20	45.51	158.56	0.15	348%	506	77
MIXED	SCHED_RR	1	20	43.6	156.94	0.04	360%	656	89
MIXED	SCHED_RR	1	20	42.16	152.3	0.06	361%	461	76
MIXED	SCHED_RR	1	20	43.11	156.8	0.1	363%	477	75
MIXED	SCHED_RR	1	20	45.11	159.35	0.09	353%	492	70
MIXED	SCHED_RR	1	20	42.98	159.28	0.02	370%	491	79
MIXED	SCHED_RR	1	20	42.97	154.3	0.11	359%	471	82
MIXED	SCHED_RR	1	20	43.92	154.28	0.08	351%	471	69
MIXED	SCHED_RR	1	20	42.3	154.69	0.07	365%	458	76
MIXED	SCHED_RR	1	20	43.82	155.76	0.06	355%	487	82
MIXED	SCHED_RR	1	20	43.47	157.76	0.04	362%	487	119
MIXED	SCHED_RR	1	20	43.5	157.17	0.06	361%	483	99
MIXED	SCHED_RR	1	20	44.51	159.28	0.04	357%	489	74
MIXED	SCHED_RR	1	20	42.53	153.7	0.03	361%	592	106
MIXED	SCHED_RR	1	20	42.92	156.39	0.06	364%	484	77
MIXED	SCHED_RR	1	20	43.27	158.31	0.02	365%	470	70
MIXED	SCHED_RR	1	20	42.94	158.85	0.02	369%	476	73
MIXED	SCHED_RR	1	20	44.02	156.19	0.03	354%	454	78
MIXED	SCHED_RR	1	20	41.97	150.29	0.03	358%	554	93
MIXED	SCHED_RR	1	20	44.03	156.66	0.06	355%	480	76
MIXED	SCHED_RR	1	20	44.04	158.56	0.07	360%	480	74
MIXED	SCHED_RR	1	20	43.41	158.3	0.08	364%	488	79
MIXED	SCHED_RR	1	20	44.2	156.74	0.09	354%	493	82
MIXED	SCHED_RR	1	20	42.74	154.7	0.05	362%	478	87
MIXED	SCHED_RR	1	20	43.88	156.46	0.09	356%	482	75
MIXED	SCHED_RR	1	20	44.36	158.24	0.04	356%	483	93
MIXED	SCHED_RR	1	20	45.36	158.68	0	349%	491	75
MIXED	SCHED_RR	1	20	44.2	154.97	0.11	350%	489	75

MIXED	SCHED_RR	1	20	43.28	156.31	0.05	361%	469	74
MIXED	SCHED_RR	1	20	43.64	154.59	0.08	354%	476	72
MIXED	SCHED_RR	1	20	41.99	156.72	0.04	373%	465	74
MIXED	SCHED_RR	1	20	44.22	157.52	0.03	356%	488	70
MIXED	SCHED_RR	1	20	42.96	159.26	0.05	370%	479	72
MIXED	SCHED_RR	1	20	43.81	159.01	0.04	363%	481	70
MIXED	SCHED_RR	1	20	43.93	154.26	0.04	351%	635	82
MIXED	SCHED_RR	1	20	42.89	156.36	0.04	364%	484	80
MIXED	SCHED_RR	1	20	43.57	157.07	0.07	360%	478	72
MIXED	SCHED_RR	1	20	44.61	159.67	0.05	358%	639	80
MIXED	SCHED_RR	1	20	44.26	157.09	0.07	355%	488	76
MIXED	SCHED_RR	1	20	44.78	156.81	0.1	350%	484	72
MIXED	SCHED_RR	1	20	43.36	156.45	0.08	360%	471	73
MIXED	SCHED_RR	1	20	44.76	158.14	0.07	353%	482	75
MIXED	SCHED_RR	1	20	43.53	159.57	0.03	366%	483	72
MIXED	SCHED_RR	1	20	45.07	157.86	0.04	350%	487	74
MIXED	SCHED_RR	1	20	43	153.74	0.02	357%	472	78
MIXED	SCHED_RR	1	20	43.57	157.11	0.11	360%	483	82
MIXED	SCHED_RR	1	20	44.39	158.24	0.11	356%	482	97
MIXED	SCHED_RR	1	20	44.9	158.14	0.12	352%	501	83
MIXED	SCHED_RR	1	20	41.68	148.77	0.02	356%	454	83
MIXED	SCHED_RR	1	20	42.76	156.5	0.05	366%	470	83
MIXED	SCHED_RR	1	20	41.78	152.58	0.07	365%	461	83
MIXED	SCHED_RR	1	20	43.66	154.49	0.1	354%	486	80
MIXED	SCHED_RR	1	20	42.78	159.31	0.06	372%	468	72
MIXED	SCHED_RR	1	20	42.55	157.4	0.08	370%	469	80
MIXED	SCHED_RR	1	20	43.32	157.66	0.04	364%	475	74
MIXED	SCHED_RR	1	20	42.41	156.21	0.04	368%	461	77
MIXED	SCHED_RR	1	20	42.59	154.71	0.03	363%	473	85
MIXED	SCHED_RR	1	20	42.34	156.47	0.06	369%	464	77
MIXED	SCHED_RR	1	20	43.72	157.27	0.11	359%	490	90
MIXED	SCHED_RR	1	20	43.95	158.02	0.12	359%	482	81
MIXED	SCHED_RR	1	20	42.65	157.23	0.03	368%	485	82
MIXED	SCHED_RR	1	20	41.15	151.3	0.04	367%	454	82
MIXED	SCHED_RR	1	20	42.47	157.19	0.04	370%	471	77
MIXED	SCHED_RR	1	20	44.65	158.66	0.04	355%	486	72
MIXED	SCHED_RR	1	20	44.57	158.58	0.04	355%	489	73
MIXED	SCHED_RR	1	20	44.25	155.92	0.04	352%	473	74
MIXED	SCHED_RR	1	20	41.68	154.05	0.04	369%	463	78
MIXED	SCHED_RR	1	20	44.13	155.49	0.06	352%	494	85
MIXED	SCHED_RR	1	20	45.31	160.4	0.16	354%	513	80
MIXED	SCHED_RR	1	20	44.69	157.1	0.05	351%	490	74
MIXED	SCHED_RR	1	20	42.44	155.2	0.07	365%	474	75
MIXED	SCHED_RR	1	20	42.08	156.24	0.05	371%	467	79
MIXED	SCHED_RR	1	20	43.22	155.18	0.02	359%	469	77
MIXED	SCHED_RR	1	20	42.83	156.89	0.04	366%	485	80
MIXED	SCHED_RR	1	20	44.03	156.52	0.03	355%	476	73
MIXED	SCHED_RR	1	20	44.59	159.17	0.07	357%	490	71
MIXED	SCHED_RR	1	20	43.15	157.04	0.06	364%	491	84
MIXED	SCHED_RR	1	20	43.12	156.12	0.07	362%	487	85
MIXED	SCHED_RR	1	20	43.41	155.9	0.03	359%	461	77
MIXED	SCHED_RR	1	20	43.84	158.35	0.04	361%	478	74
MIXED	SCHED_RR	1	20	45.17	157.91	0.05	349%	491	71
MIXED	SCHED_RR	1	20	43.21	156.92	0.07	363%	489	82
MIXED	SCHED_RR	1	20	41.96	153.16	0.04	365%	463	77
MIXED	SCHED_RR	1	20	44.07	156.87	0.04	356%	587	93
MIXED	SCHED_RR	1	20	44.4	160.4	0.04	361%	488	73
MIXED	SCHED_RR	1	20	43.66	157.91	0.04	361%	481	73
MIXED	SCHED_RR	1	20	42.66	156.48	0.02	366%	466	69
MIXED	SCHED_RR	1	20	43.5	153.29	0.04	352%	466	71
MIXED	SCHED_RR	1	20	41.94	154.54	0.04	368%	471	83
MIXED	SCHED_RR	1	20	45.38	158.53	0.08	349%	511	83
MIXED	SCHED_RR	1	20	44.03	156.31	0.06	355%	486	74
MIXED	SCHED_RR	1	20	43.08	159.08	0.04	369%	479	73
MIXED	SCHED_RR	1	20	44.14	156.44	0.1	354%	493	83
MIXED	SCHED_RR	1	20	43.74	155.23	0.08	355%	487	70
MIXED	SCHED_RR	1	20	44.64	156.68	0.03	351%	445	73
MIXED	SCHED_RR	1	20	43.79	157.32	0.07	359%	483	73

MIXED	SCHED_RR	1	20	44.92	158.22	0.06	352%	488	73
MIXED	SCHED_RR	1	20	44.63	157.95	0.04	353%	489	70
MIXED	SCHED_RR	1	20	41.12	149.88	0.06	364%	501	104
MIXED	SCHED_RR	1	20	43.59	155.92	0.1	357%	475	75
MIXED	SCHED_RR	1	20	43.66	155.94	0.04	357%	468	96
MIXED	SCHED_RR	1	20	43.5	158.57	0.06	364%	476	69
MIXED	SCHED_RR	1	20	43.38	159.52	0.09	367%	490	77
MIXED	SCHED_RR	1	20	42.98	157.78	0.08	367%	476	71
MIXED	SCHED_RR	1	20	42.58	148	0.09	347%	477	90
MIXED	SCHED_RR	1	20	42.29	153.53	0.06	363%	551	109
MIXED	SCHED_RR	1	20	44.91	160.25	0.1	357%	507	79
MIXED	SCHED_RR	1	20	45.14	157.24	0.06	348%	486	85
MIXED	SCHED_RR	1	20	44.8	160.45	0.09	358%	494	77
MIXED	SCHED_RR	1	20	43.73	156.08	0.04	356%	486	79
MIXED	SCHED_RR	1	20	42.42	155.99	0.08	367%	479	78
MIXED	SCHED_RR	1	20	42.85	155.17	0.08	362%	481	85
MIXED	SCHED_RR	1	20	42.8	157.34	0.06	367%	477	78
MIXED	SCHED_RR	1	20	42.64	158.96	0.04	372%	488	75
MIXED	SCHED_RR	1	20	44.89	158.04	0.08	352%	508	79
MIXED	SCHED_RR	1	20	42.39	150.28	0.04	354%	445	84
MIXED	SCHED_RR	1	20	43.88	155.18	0.03	353%	477	70
MIXED	SCHED_RR	1	20	44.44	158.42	0.02	356%	494	79
MIXED	SCHED_RR	1	20	42.68	157.84	0.08	370%	469	77
MIXED	SCHED_RR	1	20	43.17	156.18	0.06	361%	482	77
MIXED	SCHED_RR	1	20	43.37	154.62	0.06	356%	484	75
MIXED	SCHED_RR	1	20	43.82	154.88	0.06	353%	479	80
MIXED	SCHED_RR	1	20	44.24	158.15	0.06	357%	486	73
MIXED	SCHED_RR	1	20	44.65	156.06	0.09	349%	481	74
MIXED	SCHED_RR	1	20	44.29	158.26	0.03	357%	487	71
MIXED	SCHED_RR	1	20	43.77	155.87	0.03	356%	475	70
MIXED	SCHED_RR	1	20	42.25	156.67	0.07	370%	456	72
MIXED	SCHED_RR	1	20	44.8	156.39	0.07	349%	489	73
MIXED	SCHED_RR	1	20	43.29	157.73	0.03	364%	476	76
MIXED	SCHED_RR	1	20	44.08	157.91	0.05	358%	492	118
MIXED	SCHED_RR	1	20	44.42	158.85	0.08	357%	494	78
MIXED	SCHED_RR	1	20	42.14	150.39	0.06	357%	457	76
MIXED	SCHED_RR	1	20	42.71	156.08	0.06	365%	461	75
MIXED	SCHED_RR	1	20	43.37	159	0.06	366%	475	75
MIXED	SCHED_RR	1	20	44.43	158.02	0.07	355%	490	71
MIXED	SCHED_RR	1	20	42.47	155	0.1	365%	461	78
MIXED	SCHED_RR	1	20	42.58	151.94	0.04	356%	459	77
MIXED	SCHED_RR	1	20	43.85	155.18	0.02	353%	471	114
MIXED	SCHED_RR	1	20	45.48	158.46	0.04	348%	498	86
MIXED	SCHED_RR	1	20	43.17	156.11	0.08	361%	469	74
MIXED	SCHED_RR	1	20	44.19	156.44	0.02	354%	574	117
MIXED	SCHED_RR	1	20	43.55	153.74	0.09	353%	474	76
MIXED	SCHED_RR	1	20	43.61	154.86	0.04	355%	484	80
MIXED	SCHED_RR	1	20	44.31	157.36	0.07	355%	476	75
MIXED	SCHED_RR	1	20	43.81	156.61	0.08	357%	473	74
MIXED	SCHED_RR	1	20	42.42	158.12	0.08	372%	476	84
MIXED	SCHED_RR	1	20	44.78	157.08	0.08	350%	498	80
MIXED	SCHED_RR	1	20	41.52	150.44	0.05	362%	453	80
MIXED	SCHED_RR	1	20	43.36	155.86	0.06	359%	600	113
MIXED	SCHED_RR	1	20	43.89	158.54	0.07	361%	484	85
MIXED	SCHED_RR	1	20	42.29	158.16	0.04	374%	470	76
MIXED	SCHED_RR	1	20	44.29	155.84	0.06	351%	486	75
MIXED	SCHED_RR	1	20	43.24	153.3	0.1	354%	471	70
MIXED	SCHED_RR	1	20	42.59	156.58	0.06	367%	467	79
MIXED	SCHED_RR	1	20	44.72	159.07	0.07	355%	497	79
MIXED	SCHED_RR	1	20	43.85	156.93	0.06	358%	611	80
MIXED	SCHED_RR	1	20	42.62	156.76	0.05	367%	462	72
MIXED	SCHED_RR	1	20	44.38	154.93	0.1	349%	497	83
MIXED	SCHED_RR	1	20	43.02	154.57	0.07	359%	471	71
MIXED	SCHED_RR	1	20	44.36	155.82	0.05	351%	489	79
MIXED	SCHED_RR	1	20	44.02	157.17	0.08	357%	485	74
MIXED	SCHED_RR	1	20	44.12	157.22	0.04	356%	475	74
MIXED	SCHED_RR	1	20	43.47	155.56	0.04	357%	477	78
MIXED	SCHED_RR	1	20	41.82	152.65	0.04	365%	447	80

MIXED	SCHED_RR	1	20	43.26	156.85	0.05	362%	552	120
MIXED	SCHED_RR	1	20	44.19	157.59	0.05	356%	416	75
MIXED	SCHED_RR	1	20	43.47	156.77	0.06	360%	477	81
MIXED	SCHED_RR	1	20	45.03	159.95	0.03	355%	504	75
MIXED	SCHED_RR	1	20	43.07	156.84	0.08	364%	493	84
MIXED	SCHED_RR	1	20	42.86	156.76	0.1	365%	473	74
MIXED	SCHED_RR	1	20	44.49	156.74	0.06	352%	489	70
MIXED	SCHED_RR	1	20	44.1	156.75	0.04	355%	492	82
MIXED	SCHED_RR	1	20	43.55	159.3	0.07	365%	493	83
MIXED	SCHED_RR	1	20	43.5	157.87	0.05	363%	480	74
MIXED	SCHED_RR	1	20	43.51	153.85	0.06	353%	491	88
MIXED	SCHED_RR	1	20	43.34	156.34	0.05	360%	470	75
MIXED	SCHED_RR	1	20	44.36	157.02	0.09	354%	483	74
MIXED	SCHED_RR	1	20	45.35	158.76	0.05	350%	493	73
MIXED	SCHED_RR	1	20	43.69	152.67	0.1	349%	469	70
MIXED	SCHED_RR	1	20	42.67	150.19	0.06	352%	466	75
MIXED	SCHED_RR	1	20	42.06	152.7	0.04	363%	458	74
MIXED	SCHED_RR	1	20	42.12	151.65	0.09	360%	460	86
MIXED	SCHED_RR	1	20	44.27	155.41	0.04	351%	487	78
MIXED	SCHED_RR	1	20	44.13	163.62	0.08	370%	497	147
MIXED	SCHED_RR	1	20	42.93	152.46	0.05	355%	456	114
MIXED	SCHED_RR	1	20	44.82	159.34	0.08	355%	491	75
MIXED	SCHED_RR	1	20	44.23	162.17	0.1	366%	506	83
MIXED	SCHED_RR	1	20	42.19	155.43	0.06	368%	464	108
MIXED	SCHED_RR	1	20	43.74	155.39	0.02	355%	484	84
MIXED	SCHED_RR	1	20	43.76	157.07	0.06	359%	477	73
MIXED	SCHED_RR	1	20	41.73	151.59	0.06	363%	452	85
MIXED	SCHED_RR	1	20	43.41	161.12	0.06	371%	495	82
MIXED	SCHED_RR	1	20	43.89	157.01	0.05	357%	481	75
MIXED	SCHED_RR	1	20	40.8	151.26	0.08	370%	452	76
MIXED	SCHED_RR	1	20	44.05	157.74	0.07	358%	485	71
MIXED	SCHED_RR	1	20	42.39	149.52	0.02	352%	462	77
MIXED	SCHED_RR	1	20	43.57	160.1	0.09	367%	486	83
MIXED	SCHED_RR	1	20	43.86	158.75	0.05	362%	481	77
MIXED	SCHED_RR	1	20	42.3	152.99	0.06	361%	461	74
MIXED	SCHED_RR	1	20	44.35	156.59	0.04	353%	480	74
MIXED	SCHED_RR	1	20	43.39	152.81	0.02	352%	470	74
MIXED	SCHED_RR	1	20	40.13	149.01	0.02	371%	450	84
MIXED	SCHED_RR	1	20	44.74	161.57	0.03	361%	483	76
MIXED	SCHED_RR	1	20	45.19	163.09	0.08	361%	511	76
MIXED	SCHED_RR	1	20	41.47	150.9	0.06	363%	626	92
MIXED	SCHED_RR	1	20	44.15	157.52	0.02	356%	478	73
MIXED	SCHED_RR	1	20	42.53	150.76	0.04	354%	460	73
MIXED	SCHED_RR	1	20	42.59	156.12	0.06	366%	474	79
MIXED	SCHED_RR	1	20	45.78	161	0.06	351%	509	72
MIXED	SCHED_RR	1	20	43.16	155.3	0.09	359%	477	79
MIXED	SCHED_RR	1	20	43.6	153.78	0.1	352%	483	83
MIXED	SCHED_RR	1	20	45.15	158.82	0.04	351%	494	77
MIXED	SCHED_RR	1	20	41.48	150.09	0.06	361%	451	72
MIXED	SCHED_RR	1	20	44.46	159.04	0.04	357%	488	77
MIXED	SCHED_RR	1	20	44.82	162.47	0.08	362%	504	84
MIXED	SCHED_RR	1	20	42.13	150.59	0.07	357%	477	86
MIXED	SCHED_RR	1	20	44.2	156.36	0.08	353%	481	75
MIXED	SCHED_RR	1	20	43.22	158.43	0.04	366%	475	136
MIXED	SCHED_RR	1	20	42.29	153.99	0.04	364%	472	81
MIXED	SCHED_RR	1	20	44.53	161.05	0.12	361%	488	99
MIXED	SCHED_RR	1	20	43.05	159.75	0.03	371%	489	79
MIXED	SCHED_RR	1	20	41.65	150.33	0.03	360%	448	86
MIXED	SCHED_RR	1	20	45.02	157	0.03	348%	491	75
MIXED	SCHED_RR	1	20	41.42	150.64	0.06	363%	463	84
MIXED	SCHED_RR	1	20	45.85	163.61	0.1	357%	514	81
MIXED	SCHED_RR	1	20	42.99	157.7	0.1	367%	479	87
MIXED	SCHED_RR	1	20	43.13	154.44	0.02	358%	479	76
MIXED	SCHED_RR	1	20	43.72	155.7	0.08	356%	482	79
MIXED	SCHED_RR	1	20	45.73	161.24	0.04	352%	501	74
MIXED	SCHED_RR	1	20	44.04	161.93	0.05	367%	492	71
MIXED	SCHED_RR	1	20	44.44	156.11	0.03	351%	490	71
MIXED	SCHED_RR	1	20	44.81	159.49	0.09	356%	492	77

MIXED	SCHED_RR	1	20	46.13	164.56	0.1	356%	509	69
MIXED	SCHED_RR	1	20	45.36	161.83	0.07	356%	520	81
MIXED	SCHED_RR	1	20	44.29	161.38	0.06	364%	509	80
MIXED	SCHED_RR	1	20	42.1	152.97	0.03	363%	470	80
MIXED	SCHED_RR	1	20	42.41	155.06	0.05	365%	478	116
MIXED	SCHED_RR	1	20	43.1	158.71	0.08	368%	473	78
MIXED	SCHED_RR	1	20	45.17	164.15	0.02	363%	504	78
MIXED	SCHED_RR	1	20	43.5	162.01	0.03	372%	498	80
MIXED	SCHED_RR	1	20	42.78	155.15	0.06	362%	536	129
MIXED	SCHED_RR	1	20	42.8	150.02	0.11	350%	467	83
MIXED	SCHED_RR	1	20	41.7	148.49	0.05	356%	446	83
MIXED	SCHED_RR	1	20	42.82	152.53	0.06	356%	474	82
MIXED	SCHED_RR	1	20	44.48	157.17	0.04	353%	484	75
MIXED	SCHED_RR	1	20	45.12	165.69	0.05	367%	507	79
MIXED	SCHED_RR	1	20	44.78	161.76	0.14	361%	487	75
MIXED	SCHED_RR	1	20	42.87	156.04	0.04	364%	464	83
MIXED	SCHED_RR	1	20	40.39	149.31	0.05	369%	440	72
MIXED	SCHED_RR	1	20	42.66	148.88	0.04	349%	459	76
MIXED	SCHED_RR	1	20	40.72	148.64	0.06	365%	438	74
MIXED	SCHED_RR	1	20	42.6	151.29	0.03	355%	472	88
MIXED	SCHED_RR	1	20	42.78	151.44	0.04	354%	460	69
MIXED	SCHED_RR	1	20	41.53	149.25	0.04	359%	443	70
MIXED	SCHED_RR	1	20	42.57	148.22	0.12	348%	470	78
MIXED	SCHED_RR	1	20	42	150.42	0.04	358%	452	74
MIXED	SCHED_RR	1	20	42.74	149.42	0.1	349%	465	76
MIXED	SCHED_RR	1	20	41.44	151	0.06	364%	459	78
MIXED	SCHED_RR	1	20	42.34	151.74	0.1	358%	470	83
MIXED	SCHED_RR	1	20	40.19	149.65	0.02	372%	429	67
MIXED	SCHED_RR	1	20	42.49	149.5	0.05	351%	457	93
CPU BOUND	SCHED_OTHER	100000000	100	191.2	760.81	0.12	397%	193030	201
CPU BOUND	SCHED_OTHER	100000000	100	195.76	775	0.18	395%	196883	201
CPU BOUND	SCHED_OTHER	100000000	100	196.08	778	0.22	396%	197614	201
CPU BOUND	SCHED_OTHER	100000000	100	197.42	783.28	0.16	396%	199009	201
CPU BOUND	SCHED_OTHER	100000000	100	198.19	787.36	0.14	397%	199190	201
CPU BOUND	SCHED_OTHER	100000000	100	195.98	776.13	0.16	396%	196985	201
CPU BOUND	SCHED_OTHER	100000000	100	197.35	782.44	0.12	396%	199260	201
CPU BOUND	SCHED_OTHER	100000000	100	196.39	778.9	0.12	396%	197155	201
CPU BOUND	SCHED_OTHER	100000000	100	198.06	785.6	0.18	396%	199857	201
CPU BOUND	SCHED_OTHER	100000000	100	197.26	783.02	0.18	397%	198768	201
CPU BOUND	SCHED_OTHER	100000000	100	196.62	780.92	0.16	397%	198596	201
CPU BOUND	SCHED_OTHER	100000000	100	196.14	778.75	0.12	397%	197118	201
CPU BOUND	SCHED_OTHER	100000000	100	200.64	796.38	0.19	397%	202557	201
CPU BOUND	SCHED_OTHER	100000000	100	200.93	796.51	0.17	396%	202930	200
CPU BOUND	SCHED_OTHER	100000000	100	200.1	794.6	0.18	397%	201957	203
CPU BOUND	SCHED_OTHER	100000000	100	199.34	790.49	0.2	396%	200250	201
CPU BOUND	SCHED_OTHER	100000000	100	202.98	804.99	0.11	396%	204488	200
CPU BOUND	SCHED_OTHER	100000000	100	203.21	806.88	0.21	397%	205059	200
CPU BOUND	SCHED_OTHER	100000000	100	203.1	805.67	0.19	396%	204077	201
CPU BOUND	SCHED_OTHER	100000000	100	202.32	802.48	0.12	396%	205015	200
CPU BOUND	SCHED_OTHER	100000000	100	202.2	802.04	0.18	396%	203719	201
CPU BOUND	SCHED_OTHER	100000000	100	215.38	836.46	2.11	389%	221875	201
CPU BOUND	SCHED_OTHER	100000000	100	217.48	846.64	0.71	389%	227325	200
CPU BOUND	SCHED_OTHER	100000000	100	207.48	794.06	1.72	383%	233834	202
CPU BOUND	SCHED_OTHER	100000000	100	211.66	806.4	2.12	381%	238301	201
CPU BOUND	SCHED_OTHER	100000000	100	208.58	794.94	1.84	381%	220694	201
CPU BOUND	SCHED_OTHER	100000000	100	212.52	807.55	3.36	381%	234551	201
CPU BOUND	SCHED_OTHER	100000000	100	201.72	771.68	1.49	383%	212792	201
CPU BOUND	SCHED_OTHER	100000000	100	205.15	780.78	1.94	381%	220298	201
CPU BOUND	SCHED_OTHER	100000000	100	201.39	775.42	1.4	385%	218532	201
CPU BOUND	SCHED_OTHER	100000000	100	219.03	820.34	2.12	375%	228439	201
CPU BOUND	SCHED_OTHER	100000000	100	211.92	840.52	0.27	396%	213782	202
CPU BOUND	SCHED_OTHER	100000000	100	199.25	788.67	0.25	395%	202302	201
CPU BOUND	SCHED_OTHER	100000000	100	198.75	787.38	0.22	396%	200789	201
CPU BOUND	SCHED_OTHER	100000000	100	207.35	809.19	0.56	390%	209020	202
CPU BOUND	SCHED_OTHER	100000000	100	202.69	803.81	0.26	396%	204743	201
CPU BOUND	SCHED_OTHER	100000000	100	203.57	795.57	1.03	391%	210570	201
CPU BOUND	SCHED_OTHER	100000000	100	201.32	798.55	0.22	396%	201576	201
CPU BOUND	SCHED_OTHER	100000000	100	201.11	796.96	0.15	396%	202549	201

CPU BOUND	SCHED_OTHER	100000000	100	200.07	792	0.22	395%	201452	201
CPU BOUND	SCHED_OTHER	100000000	100	202.7	796.13	0.39	392%	205924	201
CPU BOUND	SCHED_OTHER	100000000	100	200.5	793.59	0.22	395%	203347	201
CPU BOUND	SCHED_OTHER	100000000	100	199.33	790.13	0.2	396%	200728	201
CPU BOUND	SCHED_OTHER	100000000	100	196.13	777.04	0.2	396%	197952	201
CPU BOUND	SCHED_OTHER	100000000	100	196.97	781.72	0.2	396%	198619	201
CPU BOUND	SCHED_OTHER	100000000	100	198.85	786.92	0.2	395%	200769	202
CPU BOUND	SCHED_OTHER	100000000	100	200.43	791.9	0.23	395%	201817	201
CPU BOUND	SCHED_OTHER	100000000	100	199.43	791.33	0.23	396%	201233	201
CPU BOUND	SCHED_OTHER	100000000	100	196.15	778.83	0.13	397%	197265	200
CPU BOUND	SCHED_OTHER	100000000	100	196.79	780.73	0.12	396%	198215	201
CPU BOUND	SCHED_OTHER	100000000	100	198.1	785.01	0.18	396%	200192	200
CPU BOUND	SCHED_OTHER	100000000	100	196.27	778.69	0.24	396%	197770	201
CPU BOUND	SCHED_OTHER	100000000	100	196.12	778.46	0.18	397%	197340	201
CPU BOUND	SCHED_OTHER	100000000	100	193.69	768.24	0.2	396%	194636	201
CPU BOUND	SCHED_OTHER	100000000	100	195.38	774.76	0.2	396%	197243	201
CPU BOUND	SCHED_OTHER	100000000	100	197.27	782.82	0.16	396%	198781	201
CPU BOUND	SCHED_OTHER	100000000	100	198.3	785.6	0.28	396%	200161	202
CPU BOUND	SCHED_OTHER	100000000	100	193.55	768.5	0.22	397%	195624	201
CPU BOUND	SCHED_OTHER	100000000	100	195.5	774.32	0.23	396%	197158	201
CPU BOUND	SCHED_OTHER	100000000	100	197.99	785.44	0.23	396%	199697	201
CPU BOUND	SCHED_OTHER	100000000	100	197.34	782.3	0.16	396%	198658	201
CPU BOUND	SCHED_OTHER	100000000	100	197.7	783.31	0.22	396%	199490	200
CPU BOUND	SCHED_OTHER	100000000	100	195.69	776.69	0.11	396%	196833	201
CPU BOUND	SCHED_OTHER	100000000	100	195.85	777.2	0.18	396%	197461	201
CPU BOUND	SCHED_OTHER	100000000	100	197.18	781.99	0.16	396%	198731	201
CPU BOUND	SCHED_OTHER	100000000	100	197.78	784.81	0.17	396%	199539	201
CPU BOUND	SCHED_OTHER	100000000	100	197.85	785.52	0.17	397%	199257	201
CPU BOUND	SCHED_OTHER	100000000	100	196.74	780.84	0.24	397%	198288	201
CPU BOUND	SCHED_OTHER	100000000	100	195.14	772	0.23	395%	197189	200
CPU BOUND	SCHED_OTHER	100000000	100	195.18	774.81	0.17	397%	196969	201
CPU BOUND	SCHED_OTHER	100000000	100	197.52	781.06	0.2	395%	199037	201
CPU BOUND	SCHED_OTHER	100000000	100	198.89	788.31	0.21	396%	200047	201
CPU BOUND	SCHED_OTHER	100000000	100	198.15	786.5	0.14	396%	199340	201
CPU BOUND	SCHED_OTHER	100000000	100	198.71	788.25	0.22	396%	200265	201
CPU BOUND	SCHED_OTHER	100000000	100	205.8	814.99	0.22	396%	207036	200
CPU BOUND	SCHED_OTHER	100000000	100	196.89	780.62	0.17	396%	198270	200
CPU BOUND	SCHED_OTHER	100000000	100	198.71	786.37	0.24	395%	199939	201
CPU BOUND	SCHED_OTHER	100000000	100	198.93	789.14	0.15	396%	199929	201
CPU BOUND	SCHED_OTHER	100000000	100	199.28	789.97	0.23	396%	200795	201
CPU BOUND	SCHED_OTHER	100000000	100	197.8	783.52	0.18	396%	199176	201
CPU BOUND	SCHED_OTHER	100000000	100	197.45	782.85	0.2	396%	200108	201
CPU BOUND	SCHED_OTHER	100000000	100	196.56	778.86	0.25	396%	197898	200
CPU BOUND	SCHED_OTHER	100000000	100	197.75	784.33	0.24	396%	198804	199
CPU BOUND	SCHED_OTHER	100000000	100	199.33	788.83	0.22	395%	201798	201
CPU BOUND	SCHED_OTHER	100000000	100	197.93	784.99	0.2	396%	199226	201
CPU BOUND	SCHED_OTHER	100000000	100	197.98	784.19	0.17	396%	199286	201
CPU BOUND	SCHED_OTHER	100000000	100	198.63	786.71	0.22	396%	200167	200
CPU BOUND	SCHED_OTHER	100000000	100	198.27	786.13	0.18	396%	199320	201
CPU BOUND	SCHED_OTHER	100000000	100	198.59	787.45	0.2	396%	200366	201
CPU BOUND	SCHED_OTHER	100000000	100	197.51	781.13	0.3	395%	198338	201
CPU BOUND	SCHED_OTHER	100000000	100	197.5	783.21	0.22	396%	198867	201
CPU BOUND	SCHED_OTHER	100000000	100	199.56	789.53	0.21	395%	201425	201
CPU BOUND	SCHED_OTHER	100000000	100	203.11	805.06	0.2	396%	204824	200
CPU BOUND	SCHED_OTHER	100000000	100	202.03	801.36	0.16	396%	203294	201
CPU BOUND	SCHED_OTHER	100000000	100	202.12	801.46	0.18	396%	203629	201
CPU BOUND	SCHED_OTHER	100000000	100	201.46	799.57	0.16	396%	203272	201
CPU BOUND	SCHED_OTHER	100000000	100	201.16	795.88	0.18	395%	202376	203
CPU BOUND	SCHED_OTHER	100000000	100	202.55	803.12	0.19	396%	203907	200
CPU BOUND	SCHED_OTHER	100000000	100	206.89	820.51	0.2	396%	208885	201
CPU BOUND	SCHED_OTHER	100000000	100	204	807.52	0.22	395%	205672	201
CPU BOUND	SCHED_OTHER	100000000	100	205.01	813.2	0.18	396%	206589	200
CPU BOUND	SCHED_OTHER	100000000	100	204.87	810.83	0.17	395%	205576	201
CPU BOUND	SCHED_OTHER	100000000	100	202.03	40.52	0.02	20%	10476	11
I/O BOUND	SCHED_OTHER	1	100	17.77	0.1	1.09	6%	533	33919
I/O BOUND	SCHED_OTHER	1	100	16.02	0.08	1.11	7%	409	33466
I/O BOUND	SCHED_OTHER	1	100	18.47	0.09	1.1	6%	404	34041
I/O BOUND	SCHED_OTHER	1	100	22.69	0.08	0.91	4%	461	34562

I/O BOUND	SCHED_OTHER	1	100	23.54	0.06	1.21	5%	535	32531
I/O BOUND	SCHED_OTHER	1	100	17.97	0.08	1.18	7%	546	33887
I/O BOUND	SCHED_OTHER	1	100	17.61	0.07	1.09	6%	485	34827
I/O BOUND	SCHED_OTHER	1	100	40.02	0.08	0.96	2%	488	34931
I/O BOUND	SCHED_OTHER	1	100	19.69	0.08	1.43	7%	418	33628
I/O BOUND	SCHED_OTHER	1	100	15.84	0.13	1.59	10%	428	33948
I/O BOUND	SCHED_OTHER	1	100	14.63	0.05	1.04	7%	497	33571
I/O BOUND	SCHED_OTHER	1	100	24.45	0.08	1.14	5%	465	33322
I/O BOUND	SCHED_OTHER	1	100	11.99	0.06	1.18	10%	330	33971
I/O BOUND	SCHED_OTHER	1	100	20.18	0.05	1.21	6%	516	32956
I/O BOUND	SCHED_OTHER	1	100	37.06	0.04	1.64	4%	530	34102
I/O BOUND	SCHED_OTHER	1	100	18.83	0.08	1.05	6%	395	34537
I/O BOUND	SCHED_OTHER	1	100	12.29	0.05	1.07	9%	537	34865
I/O BOUND	SCHED_OTHER	1	100	17.33	0.07	1.44	8%	532	32541
I/O BOUND	SCHED_OTHER	1	100	20.38	0.07	1.18	6%	527	33122
I/O BOUND	SCHED_OTHER	1	100	41.11	0.08	1.84	4%	455	33670
I/O BOUND	SCHED_OTHER	1	100	19.27	0.04	1.23	6%	508	34156
I/O BOUND	SCHED_OTHER	1	100	68.55	0.07	1.32	2%	414	35009
I/O BOUND	SCHED_OTHER	1	100	75.67	0.01	1.73	2%	311	31615
I/O BOUND	SCHED_OTHER	1	100	48.08	0.01	3.67	7%	619	33360
I/O BOUND	SCHED_OTHER	1	100	44.71	0.06	3.15	7%	604	31456
I/O BOUND	SCHED_OTHER	1	100	57.52	0	2.47	4%	533	32851
I/O BOUND	SCHED_OTHER	1	100	55.41	0.03	4.31	7%	737	33517
I/O BOUND	SCHED_OTHER	1	100	41.24	0.01	3.46	8%	574	33790
I/O BOUND	SCHED_OTHER	1	100	73.43	0.02	2.29	3%	478	32342
I/O BOUND	SCHED_OTHER	1	100	37.62	0	3.1	8%	561	33233
I/O BOUND	SCHED_OTHER	1	100	32.4	0.11	1.97	6%	822	34976
I/O BOUND	SCHED_OTHER	1	100	20.18	0.01	2.85	14%	464	34642
I/O BOUND	SCHED_OTHER	1	100	20.15	0.04	1.96	9%	618	33782
I/O BOUND	SCHED_OTHER	1	100	27.26	0.02	2.6	9%	595	33929
I/O BOUND	SCHED_OTHER	1	100	16.79	0.04	2.31	14%	717	33421
I/O BOUND	SCHED_OTHER	1	100	19.9	0.04	2.12	10%	664	33645
I/O BOUND	SCHED_OTHER	1	100	23.64	0.02	1.47	6%	541	34448
I/O BOUND	SCHED_OTHER	1	100	16.45	0.04	1.78	11%	661	33470
I/O BOUND	SCHED_OTHER	1	100	17.51	0.02	2.15	12%	607	34975
I/O BOUND	SCHED_OTHER	1	100	19.94	0	1.86	9%	655	34981
I/O BOUND	SCHED_OTHER	1	100	19.47	0.02	1.92	9%	654	33983
I/O BOUND	SCHED_OTHER	1	100	18.42	0.01	2	10%	546	34413
I/O BOUND	SCHED_OTHER	1	100	17.52	0.05	1.74	10%	579	33339
I/O BOUND	SCHED_OTHER	1	100	21.93	0.04	2.73	12%	599	33641
I/O BOUND	SCHED_OTHER	1	100	23.01	0.04	1.91	8%	605	33973
I/O BOUND	SCHED_OTHER	1	100	20.76	0.01	2.03	9%	633	33725
I/O BOUND	SCHED_OTHER	1	100	19.35	0.02	2.19	11%	610	34520
I/O BOUND	SCHED_OTHER	1	100	20.68	0.01	2.17	10%	537	30715
I/O BOUND	SCHED_OTHER	1	100	16.9	0	1.78	10%	594	33862
I/O BOUND	SCHED_OTHER	1	100	14.14	0.04	1.97	14%	643	32522
I/O BOUND	SCHED_OTHER	1	100	17.14	0.03	1.64	9%	577	32383
I/O BOUND	SCHED_OTHER	1	100	16.21	0.04	2.26	14%	535	32164
I/O BOUND	SCHED_OTHER	1	100	17.48	0.02	2.05	11%	497	32271
I/O BOUND	SCHED_OTHER	1	100	17.35	0.01	1.91	11%	509	33578
I/O BOUND	SCHED_OTHER	1	100	22.32	0.01	1.66	7%	636	34476
I/O BOUND	SCHED_OTHER	1	100	20.63	0.05	1.44	7%	525	34763
I/O BOUND	SCHED_OTHER	1	100	14.98	0.01	1.87	12%	567	34763
I/O BOUND	SCHED_OTHER	1	100	22.19	0.05	3.11	14%	597	33889
I/O BOUND	SCHED_OTHER	1	100	19.55	0.02	1.38	7%	690	32422
I/O BOUND	SCHED_OTHER	1	100	17.04	0.01	1.71	10%	530	34710
I/O BOUND	SCHED_OTHER	1	100	27.43	0	2.84	10%	514	33532
I/O BOUND	SCHED_OTHER	1	100	16.78	0.05	2.36	14%	662	33896
I/O BOUND	SCHED_OTHER	1	100	16.93	0.04	2.49	14%	639	33733
I/O BOUND	SCHED_OTHER	1	100	18.62	0.02	1.62	8%	614	33761
I/O BOUND	SCHED_OTHER	1	100	21.02	0.03	1.63	7%	594	31890
I/O BOUND	SCHED_OTHER	1	100	15.68	0.02	2.17	13%	689	34438
I/O BOUND	SCHED_OTHER	1	100	14.69	0.02	1.83	12%	671	33475
I/O BOUND	SCHED_OTHER	1	100	17.69	0.04	1.66	9%	613	34151
I/O BOUND	SCHED_OTHER	1	100	21.51	0.05	2.35	11%	669	30639
I/O BOUND	SCHED_OTHER	1	100	19.47	0.02	1.8	9%	731	34536
I/O BOUND	SCHED_OTHER	1	100	18.19	0.02	1.55	8%	675	33489
I/O BOUND	SCHED_OTHER	1	100	19.07	0.05	1.76	9%	559	32574

I/O BOUND	SCHED_OTHER	1	100	15.06	0.02	2.86	19%	553	34534
I/O BOUND	SCHED_OTHER	1	100	23.45	0.04	2.22	9%	636	33978
I/O BOUND	SCHED_OTHER	1	100	20	0.06	1.67	8%	598	33636
I/O BOUND	SCHED_OTHER	1	100	21.7	0	2.13	9%	631	33959
I/O BOUND	SCHED_OTHER	1	100	20.07	0	1.85	9%	633	32886
I/O BOUND	SCHED_OTHER	1	100	18.87	0.01	1.65	8%	598	33278
I/O BOUND	SCHED_OTHER	1	100	17.41	0.03	1.59	9%	582	32632
I/O BOUND	SCHED_OTHER	1	100	14.09	0.03	1.94	14%	597	34265
I/O BOUND	SCHED_OTHER	1	100	17.22	0.05	1.96	11%	590	33460
I/O BOUND	SCHED_OTHER	1	100	17.9	0.01	2.17	12%	531	34097
I/O BOUND	SCHED_OTHER	1	100	22.56	0	1.76	7%	692	34769
I/O BOUND	SCHED_OTHER	1	100	19.03	0.05	1.87	10%	661	34479
I/O BOUND	SCHED_OTHER	1	100	29.86	0.02	2.17	7%	574	33698
I/O BOUND	SCHED_OTHER	1	100	16.63	0	2.22	13%	619	33138
I/O BOUND	SCHED_OTHER	1	100	18.64	0.04	1.5	8%	603	32346
I/O BOUND	SCHED_OTHER	1	100	18.23	0.02	2.46	13%	572	33750
I/O BOUND	SCHED_OTHER	1	100	22.13	0.04	2.25	10%	644	33101
I/O BOUND	SCHED_OTHER	1	100	21.01	0.01	2.08	9%	703	34238
I/O BOUND	SCHED_OTHER	1	100	22.9	0.06	1.73	7%	509	33528
I/O BOUND	SCHED_OTHER	1	100	15.53	0.02	1.76	11%	636	33019
I/O BOUND	SCHED_OTHER	1	100	17.84	0.02	1.74	9%	678	33131
I/O BOUND	SCHED_OTHER	1	100	15.63	0.01	2.38	15%	677	34296
I/O BOUND	SCHED_OTHER	1	100	14.76	0.03	1.73	11%	689	33629
I/O BOUND	SCHED_OTHER	1	100	14.64	0.03	1.44	10%	586	32958
I/O BOUND	SCHED_OTHER	1	100	13.91	0.01	2.02	14%	554	34183
I/O BOUND	SCHED_OTHER	1	100	13.84	0.02	1.63	11%	626	34722
I/O BOUND	SCHED_OTHER	1	100	13.7	0.02	1.78	13%	659	32021
I/O BOUND	SCHED_OTHER	1	100	15.77	0.02	2.81	17%	546	31755
I/O BOUND	SCHED_OTHER	1	100	15.8	0.02	2.12	13%	557	34797
I/O BOUND	SCHED_OTHER	1	100	22.45	0	1.81	8%	528	33144
MIXED	SCHED_OTHER	1	100	203.63	756.66	2.33	372%	208350	524
MIXED	SCHED_OTHER	1	100	202.94	782.81	0.4	385%	203784	464
MIXED	SCHED_OTHER	1	100	203.38	785.47	0.38	386%	202817	464
MIXED	SCHED_OTHER	1	100	198.55	767.78	0.42	386%	201527	465
MIXED	SCHED_OTHER	1	100	202.71	776.76	0.28	383%	198325	495
MIXED	SCHED_OTHER	1	100	202.76	785.06	0.32	387%	203822	450
MIXED	SCHED_OTHER	1	100	203.88	780.06	0.46	382%	201406	424
MIXED	SCHED_OTHER	1	100	199.41	771.98	0.39	387%	199107	459
MIXED	SCHED_OTHER	1	100	201.98	782.92	0.34	387%	200505	483
MIXED	SCHED_OTHER	1	100	201.79	775.26	0.36	384%	199144	491
MIXED	SCHED_OTHER	1	100	199.33	773.88	0.34	388%	199415	475
MIXED	SCHED_OTHER	1	100	199.17	770.63	0.3	387%	198519	483
MIXED	SCHED_OTHER	1	100	207.47	803	0.4	387%	208097	676
MIXED	SCHED_OTHER	1	100	200.46	773.78	0.41	386%	202572	492
MIXED	SCHED_OTHER	1	100	206.28	792.89	0.45	384%	206399	451
MIXED	SCHED_OTHER	1	100	201.85	788.82	0.26	390%	204062	517
MIXED	SCHED_OTHER	1	100	205.6	799.04	0.34	388%	206877	533
MIXED	SCHED_OTHER	1	100	206.76	802.45	0.34	388%	205696	478
MIXED	SCHED_OTHER	1	100	208.14	808.83	0.29	388%	210232	469
MIXED	SCHED_OTHER	1	100	210.11	817.39	0.35	389%	213390	469
MIXED	SCHED_OTHER	1	100	215.17	832.58	0.4	387%	216622	470
MIXED	SCHED_OTHER	1	100	235.88	870.94	1.96	370%	233906	449
MIXED	SCHED_OTHER	1	100	213.02	798.51	1.34	375%	225321	541
MIXED	SCHED_OTHER	1	100	208.89	778.76	1.49	373%	219448	443
MIXED	SCHED_OTHER	1	100	212.48	773.88	2.2	365%	230952	463
MIXED	SCHED_OTHER	1	100	207.35	775.79	1.72	374%	218311	526
MIXED	SCHED_OTHER	1	100	221.08	768.84	4.05	349%	228360	417
MIXED	SCHED_OTHER	1	100	206.91	780.88	1.52	378%	216999	497
MIXED	SCHED_OTHER	1	100	211.94	791.76	1.44	374%	234473	493
MIXED	SCHED_OTHER	1	100	212.85	797.69	2.24	375%	232793	473
MIXED	SCHED_OTHER	1	100	232.38	869.16	1.8	374%	243511	491
MIXED	SCHED_OTHER	1	100	207.06	800.41	0.55	386%	209579	470
MIXED	SCHED_OTHER	1	100	203.14	789.38	0.34	388%	203580	463
MIXED	SCHED_OTHER	1	100	215.87	829.83	0.62	384%	216756	474
MIXED	SCHED_OTHER	1	100	203.94	789.75	0.42	387%	205304	462
MIXED	SCHED_OTHER	1	100	208.83	795.84	0.78	381%	209372	465
MIXED	SCHED_OTHER	1	100	204.98	791.69	0.37	386%	205493	473
MIXED	SCHED_OTHER	1	100	204.74	785.82	0.45	384%	202402	529

MIXED	SCHED_OTHER	1	100	206.65	793.71	0.49	384%	205383	479
MIXED	SCHED_OTHER	1	100	205.96	792.6	0.54	385%	206045	476
MIXED	SCHED_OTHER	1	100	205.02	794.3	0.45	387%	205219	462
MIXED	SCHED_OTHER	1	100	204.58	790.08	0.42	386%	204027	467
MIXED	SCHED_OTHER	1	100	199.15	774.32	0.34	388%	198564	651
MIXED	SCHED_OTHER	1	100	202.74	779.1	0.47	384%	203681	472
MIXED	SCHED_OTHER	1	100	205.82	795.66	0.52	386%	208978	479
MIXED	SCHED_OTHER	1	100	210.76	806.75	0.5	383%	210259	466
MIXED	SCHED_OTHER	1	100	207.12	797.63	0.4	385%	207876	457
MIXED	SCHED_OTHER	1	100	207.76	795.93	0.55	383%	206681	463
MIXED	SCHED_OTHER	1	100	207.98	797.32	0.42	383%	205475	477
MIXED	SCHED_OTHER	1	100	206.09	796.86	0.46	386%	207150	484
MIXED	SCHED_OTHER	1	100	203.83	790.51	0.36	388%	203664	481
MIXED	SCHED_OTHER	1	100	201.54	781.47	0.46	387%	204846	549
MIXED	SCHED_OTHER	1	100	202.48	784.03	0.38	387%	201542	466
MIXED	SCHED_OTHER	1	100	203.43	787.46	0.41	387%	203296	466
MIXED	SCHED_OTHER	1	100	201.3	776.43	0.33	385%	200200	487
MIXED	SCHED_OTHER	1	100	200.27	765.57	0.5	382%	198319	460
MIXED	SCHED_OTHER	1	100	202.24	781.71	0.45	386%	202349	468
MIXED	SCHED_OTHER	1	100	206.67	798.18	0.48	386%	204682	488
MIXED	SCHED_OTHER	1	100	201.86	781.36	0.48	387%	201562	487
MIXED	SCHED_OTHER	1	100	198.2	768	0.33	387%	197557	463
MIXED	SCHED_OTHER	1	100	201.72	784.13	0.32	388%	201197	450
MIXED	SCHED_OTHER	1	100	208.6	796.16	0.56	381%	206953	454
MIXED	SCHED_OTHER	1	100	206.17	792.84	0.47	384%	204169	514
MIXED	SCHED_OTHER	1	100	201.86	785.75	0.28	389%	201408	481
MIXED	SCHED_OTHER	1	100	201.95	781.58	0.42	387%	201112	482
MIXED	SCHED_OTHER	1	100	202.35	781.75	0.33	386%	199785	479
MIXED	SCHED_OTHER	1	100	206.19	791.52	0.42	384%	205608	471
MIXED	SCHED_OTHER	1	100	207.05	792.92	0.51	383%	206130	459
MIXED	SCHED_OTHER	1	100	204.22	788.11	0.46	386%	203270	482
MIXED	SCHED_OTHER	1	100	205.67	789.74	0.42	384%	205227	467
MIXED	SCHED_OTHER	1	100	202.13	780.48	0.51	386%	201739	454
MIXED	SCHED_OTHER	1	100	200.6	776.39	0.42	387%	201091	484
MIXED	SCHED_OTHER	1	100	204.42	786.7	0.42	385%	204504	479
MIXED	SCHED_OTHER	1	100	206.73	801.11	0.37	387%	205288	458
MIXED	SCHED_OTHER	1	100	215.5	827.2	0.6	384%	214963	465
MIXED	SCHED_OTHER	1	100	207.97	797.13	0.43	383%	204093	464
MIXED	SCHED_OTHER	1	100	204.94	794.02	0.43	387%	205573	478
MIXED	SCHED_OTHER	1	100	205.02	791.75	0.49	386%	205411	496
MIXED	SCHED_OTHER	1	100	204.2	784.87	0.56	384%	204553	474
MIXED	SCHED_OTHER	1	100	202.79	786.73	0.4	388%	204080	463
MIXED	SCHED_OTHER	1	100	206.53	796.74	0.47	385%	207581	467
MIXED	SCHED_OTHER	1	100	205.05	797.76	0.38	389%	205951	472
MIXED	SCHED_OTHER	1	100	208.92	799.18	0.43	382%	205836	470
MIXED	SCHED_OTHER	1	100	205.63	789.54	0.42	384%	204635	471
MIXED	SCHED_OTHER	1	100	201.53	781.04	0.53	387%	202729	480
MIXED	SCHED_OTHER	1	100	204.89	789.41	0.45	385%	204373	512
MIXED	SCHED_OTHER	1	100	206.62	794.8	0.48	384%	207342	463
MIXED	SCHED_OTHER	1	100	206.95	799	0.43	386%	206123	473
MIXED	SCHED_OTHER	1	100	208.8	801.76	0.46	384%	207616	460
MIXED	SCHED_OTHER	1	100	206.39	795.94	0.44	385%	206361	448
MIXED	SCHED_OTHER	1	100	204.98	790.21	0.49	385%	203332	462
MIXED	SCHED_OTHER	1	100	201.17	771.92	0.5	383%	199211	470
MIXED	SCHED_OTHER	1	100	211.76	815.21	0.46	385%	211915	807
MIXED	SCHED_OTHER	1	100	212.17	815.55	0.53	384%	211767	488
MIXED	SCHED_OTHER	1	100	208.58	809.37	0.3	388%	207354	624
MIXED	SCHED_OTHER	1	100	212.57	817.85	0.52	384%	212126	473
MIXED	SCHED_OTHER	1	100	209.45	814.17	0.32	388%	210688	481
MIXED	SCHED_OTHER	1	100	209.76	812.08	0.41	387%	208528	463
MIXED	SCHED_OTHER	1	100	211.61	813.27	0.62	384%	210381	476
MIXED	SCHED_OTHER	1	100	216.73	814.75	0.71	376%	212345	499
MIXED	SCHED_OTHER	1	100	216.38	824.77	0.57	381%	214880	416
MIXED	SCHED_OTHER	1	100	211.1	816.01	0.44	386%	210468	472

```
#!/bin/bash

#File: testscript
#Author: Andy Sayler
#Modifier: Chris Sterling
#Project: CSCI 3753 Programming Assignment 3
#Create Date: 2012/03/09
#Modify Date: 2012/03/29
#Description:
#   Bash script that is a wrapper for all the


#Before doing anything else, check to make sure that we are running this script as root
if [ "$(whoami)" != "root" ]; then
    echo "This script must be run with super user privledges."
    echo "Usage: sudo ./testscript"
    exit 1
fi


ITERATIONS=100000000
BYTESTOCOPY=102400
BLOCKSIZE=1024
MAKE="make -s"

NUM_PROCESSES=(100) #LOW MEDIUM HIGH
SCHEDULER_TYPE=("SCHED_OTHER" "SCHED_FIFO" "SCHED_RR")
NUMBER_OF_REPEATS=3 # How many times do you want to take benchmarks?

RESULT_FILE="/home/user/Dropbox/Operating Systems/PA3/results.csv"

INPUTFILESIZEMEGABYTES=1
KILO=1024
MEGA=`echo "$KILO * $KILO" | bc`
INPUTFILESIZEBYTES=`echo "$MEGA * $INPUTFILESIZEMEGABYTES" | bc`
INPUTBLOCKSIZEBYTES=$KILO
INPUTBLOCKS=`echo "$INPUTFILESIZEBYTES / $INPUTBLOCKSIZEBYTES" | bc`


echo Building code...
$MAKE clean
$MAKE

x=1
while [ $x -le ${NUM_PROCESSES[2]} ]
do
  echo "Creating rwinput-$x"
  dd if=/dev/urandom of=./rwinput-$x bs=$INPUTBLOCKSIZEBYTES count=$INPUTBLOCKS > /dev/null 2>&1
  x=$(( $x + 1 ))
done



#Echo out the header file for the CSV - overwrite any existing benchmarks
```

```
echo "\"Process Type\",\"Scheduler Type\",Iterations,\"Num Simultaneous
Processes\",Wall,User,System,CPU,I-Switched,V-switched" > "$RESULT_FILE"

echo Starting test runs...


for num_processes in "${NUM_PROCESSES[@]}"
do
    for scheduler_type in "${SCHEDULER_TYPE[@]}"
    do
        for (( i=1; i<=$NUMBER_OF_REPEATS; i++ )) #gather multiple data points about each type
        do
            echo "Calculating over $ITERATIONS iterations using $scheduler_type with
            $num_processes simultaneous process..."

            TIMEFORMAT="CPU BOUND,$scheduler_type,$ITERATIONS,$num_processes,%e,%U,%S,%P,%c,%w"
            /usr/bin/time -f "$TIMEFORMAT" -o "$RESULT_FILE" -a ./pi-sched $ITERATIONS
            $scheduler_type $num_processes

            TIMEFORMAT="\"I/O BOUND\",$scheduler_type,1,$num_processes,%e,%U,%S,%P,%c,%w"
            /usr/bin/time -f "$TIMEFORMAT" -o "$RESULT_FILE" -a ./rw $BYTESTOCOPY $BLOCKSIZE
            rwinput rwoutput $scheduler_type $num_processes

            TIMEFORMAT="MIXED,$scheduler_type,1,$num_processes,%e,%U,%S,%P,%c,%w"
            /usr/bin/time -f "$TIMEFORMAT" -o "$RESULT_FILE" -a ./mixed $ITERATIONS
            $scheduler_type $num_processes
        done
    done
done
```

```c
/*
 * File: pi-sched.c
 * Author: Andy Sayler
 * Modifier: Chris Sterling
 * Project: CSCI 3753 Programming Assignment 3
 * Create Date: 2012/03/07
 * Modify Date: 2012/03/09
 * Description:
 *  This file contains a simple program for statistically
 *      calculating pi using a specific scheduling policy.
 */

/* Local Includes */
#include <stdlib.h>
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <errno.h>
#include <sched.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>

#define DEFAULT_ITERATIONS 1000000
#define RADIUS (RAND_MAX / 2)

inline double dist(double x0, double y0, double x1, double y1){
    return sqrt(pow((x1-x0),2) + pow((y1-y0),2));
}

inline double zeroDist(double x, double y){
    return dist(0, 0, x, y);
}
void calculate_pi(long iterations)
{
    double x, y;
    long i;
    double inCircle = 0.0;
    double inSquare = 0.0;
    double pCircle = 0.0;
    double piCalc = 0.0;
    //BEGIN CPU BOUND ALGORITHM
        /* Calculate pi using statistical method across all iterations */
        for(i=0; i<iterations; i++)
        {
            x = (random() % (RADIUS * 2)) - RADIUS;
            y = (random() % (RADIUS * 2)) - RADIUS;
            if(zeroDist(x,y) < RADIUS)
            {
                inCircle++;
            }
            inSquare++;
        }
        /* Finish calculation */
```

```
        pCircle = inCircle/inSquare;
        piCalc = pCircle * 4.0;
        /* Print result */
        //fprintf(stdout, "pi = %f\n", piCalc);
    //END ALGORITHM
}

int main(int argc, char* argv[]){

    long i;
    long iterations;
    struct sched_param param;
    int policy;
    pid_t pid;
    int nChildren;
    pid_t *pids;

    /* Process program arguments to select iterations and policy */
    /* Set default iterations if not supplied */
    if(argc < 2)
    {
        iterations = DEFAULT_ITERATIONS;
    }
    /* Set default policy if not supplied */
    if(argc < 3)
    {
        policy = SCHED_OTHER;
    }
    /*Set nChildren if not supplied*/
    if(argc < 4)
    {
        nChildren = 5;
    }
    /* Set iterations if supplied */
    if(argc > 1)
    {
        iterations = atol(argv[1]);
        if(iterations < 1)
        {
            fprintf(stderr, "Bad iterations value\n");
            exit(EXIT_FAILURE);
        }
    }
    /* Set policy if supplied */
    if(argc > 2)
    {
        if(!strcmp(argv[2], "SCHED_OTHER")){
            policy = SCHED_OTHER;
        }
        else if(!strcmp(argv[2], "SCHED_FIFO")){
            policy = SCHED_FIFO;
        }
        else if(!strcmp(argv[2], "SCHED_RR")){
            policy = SCHED_RR;
```

```
        }
        else{
            fprintf(stderr, "Unhandeled scheduling policy\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Set nChildren if supplied */
    if(argc > 3)
    {
        nChildren = atol(argv[3]);
        if(nChildren < 1)
        {
            fprintf(stderr, "Bad childrens value\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Set process to max priorty for given scheduler */
    param.sched_priority = sched_get_priority_max(policy);

    /* Set new scheduler policy */
    //fprintf(stdout, "Current Scheduling Policy: %d\n", sched_getscheduler(0));
    //fprintf(stdout, "Setting Scheduling Policy to: %d\n", policy);
    if(sched_setscheduler(0, policy, &param))
    {
        perror("Error setting scheduler policy");
        exit(EXIT_FAILURE);
    }
    //fprintf(stdout, "New Scheduling Policy: %d\n", sched_getscheduler(0));

    pids = malloc(nChildren * sizeof(pid_t)); //create an array to hold all our children


    for (i = 1; i <= nChildren; i++) {
        pids[i] = fork();
        if (pids[i] == -1)
        {
            return EXIT_FAILURE; //if a single one of our processes failed, fail the program
        }
        else if (pids[i] == 0)
        {
            //printf("I am a child: %d PID: %d\n",i, getpid());
            calculate_pi(iterations);
            exit(0); //when done with the pi calculation, exit
        }
        else
        {
            //I am the parent - I don't need to do anything in here

        }
    }
```

```
    // Wait for children to exit.
    int status;
    //when the loop starts, i = nChildren, so we can use i as our counter still
    while (i > 0)
    {
        pid = wait(&status);
        //printf("Child with PID %ld exited with status 0x%x.\n", (long)pid, status);
        --i;
    }
    free(pids);
    return EXIT_SUCCESS;
}
```

```
/*
 * File: rw.c
 * Author: Andy Sayler
 * Modifier: Chris Sterling
 * Project: CSCI 3753 Programming Assignment 3
 * Create Date: 2012/03/19
 * Modify Date: 2012/03/20
 * Description: A small i/o bound program to copy N bytes from an input
 *              file to an output file. May read the input file multiple
 *              times if N is larger than the size of the input file.
 */

/* Include Flags */
#define _GNU_SOURCE

/* System Includes */
#include <stdlib.h>
#include <stdio.h>
#include <unistd.h>
#include <errno.h>
#include <fcntl.h>
#include <string.h>
#include <sched.h>
#include <sys/types.h>
#include <sys/stat.h>
#include <sys/wait.h>
#include <pthread.h>

/* Local Defines */
#define MAXFILENAMELENGTH 80
#define DEFAULT_INPUTFILENAME "rwinput"
#define DEFAULT_OUTPUTFILENAMEBASE "rwoutput"
#define DEFAULT_BLOCKSIZE 1024
#define DEFAULT_TRANSFERSIZE 1024*100

#define USAGE "./rw <transfersize> <blocksize> <inputfile> <outputfile> <policy> <nChildren>"

void do_rw(ssize_t transfersize, ssize_t blocksize, char* inputFilenameBase, char*
outputFilenameBase, char* transferBuffer, ssize_t buffersize, int id)
{

    ssize_t bytesRead = 0;
    ssize_t totalBytesRead = 0;
    int totalReads = 0;
    ssize_t bytesWritten = 0;
    ssize_t totalBytesWritten = 0;
    int totalWrites = 0;
    int inputFileResets = 0;
    int rv;
    int inputFD;
    int outputFD;
    char outputFilename[MAXFILENAMELENGTH];
    char inputFilename[MAXFILENAMELENGTH];
```

```
    /* Open Input File Descriptor in Read Only mode */
    snprintf(inputFilename, MAXFILENAMELENGTH, "%s-%d", inputFilenameBase, id);
    if((inputFD = open(inputFilename, O_RDONLY | O_SYNC)) < 0)
    {
        fprintf(stderr, "Failed to open input file %s\n", inputFilename);
        exit(EXIT_FAILURE);
    }

    /* Open Output File Descriptor in Write Only mode with standard permissions*/
    rv = snprintf(outputFilename, MAXFILENAMELENGTH, "%s-%d", outputFilenameBase, getpid());
    if(rv > MAXFILENAMELENGTH)
    {
        fprintf(stderr, "Output filename length exceeds limit of %d characters.\n",
        MAXFILENAMELENGTH);
        exit(EXIT_FAILURE);
    }
    else if(rv < 0)
    {
        perror("Failed to generate output filename");
        exit(EXIT_FAILURE);
    }
    if((outputFD =
    open(outputFilename,
         O_WRONLY | O_CREAT | O_TRUNC | O_SYNC,
         S_IRUSR | S_IWUSR | S_IRGRP | S_IWGRP | S_IROTH)) < 0)
    {
        perror("Failed to open output file");
        exit(EXIT_FAILURE);
    }

    /* Print Status */
    //fprintf(stdout, "Reading from %s and writing to %s\n", inputFilename, outputFilename);

    /* Read from input file and write to output file*/
    do{
        /* Read transfersize bytes from input file*/
        bytesRead = read(inputFD, transferBuffer, buffersize);
        if(bytesRead < 0)
        {
            perror("Error reading input file");
            exit(EXIT_FAILURE);
        }
        else
        {
            totalBytesRead += bytesRead;
            totalReads++;
        }

        /* If all bytes were read, write to output file*/
        if(bytesRead == blocksize)
        {
            bytesWritten = write(outputFD, transferBuffer, bytesRead);
            if(bytesWritten < 0)
            {
```

```
                perror("Error writing output file");
                exit(EXIT_FAILURE);
            }
            else
            {
                totalBytesWritten += bytesWritten;
                totalWrites++;
            }
        }
        /* Otherwise assume we have reached the end of the input file and reset */
        else
        {
            if(lseek(inputFD, 0, SEEK_SET))
            {
                perror("Error resetting to beginning of file");
                exit(EXIT_FAILURE);
            }
            inputFileResets++;
        }
    }while(totalBytesWritten < transfersize);

    /* Output some possibly helpfull info to make it seem like we were doing stuff */
    //fprintf(stdout, "Read:    %zd bytes in %d reads\n", totalBytesRead, totalReads);
    //fprintf(stdout, "Written: %zd bytes in %d writes\n", totalBytesWritten, totalWrites);
    //fprintf(stdout, "Read input file in %d pass%s\n", (inputFileResets + 1), (inputFileResets
    ? "es" : ""));
    //fprintf(stdout, "Processed %zd bytes in blocks of %zd bytes\n", transfersize, blocksize);



    /* Close Output File Descriptor */
    if(close(outputFD))
    {
        perror("Failed to close output file");
        exit(EXIT_FAILURE);
    }

    /* Close Input File Descriptor */
    if(close(inputFD))
    {
        perror("Failed to close input file");
        exit(EXIT_FAILURE);
    }

}
int main(int argc, char* argv[])
{
    ssize_t transfersize = 0;
    ssize_t blocksize = 0;
    ssize_t buffersize;
    pid_t pid;
    pid_t *pids;

    int nChildren;
```

```
    int policy;
    long i;

    char inputFilenameBase[MAXFILENAMELENGTH];
    char outputFilenameBase[MAXFILENAMELENGTH];
    char* transferBuffer = NULL;

    struct sched_param param;

    /* Process program arguments to select run-time parameters */
    /* Set supplied transfer size or default if not supplied */
    if(argc < 2)
    {
        transfersize = DEFAULT_TRANSFERSIZE;
    }
    else
    {
        transfersize = atol(argv[1]);
        if(transfersize < 1)
        {
            fprintf(stderr, "Bad transfersize value\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Set supplied block size or default if not supplied */
    if(argc < 3)
    {
        blocksize = DEFAULT_BLOCKSIZE;
    }
    else
    {
        blocksize = atol(argv[2]);
        if(blocksize < 1)
        {
            fprintf(stderr, "Bad blocksize value\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Set supplied input filename or default if not supplied */
    if(argc < 4)
    {
        if(strnlen(DEFAULT_INPUTFILENAME, MAXFILENAMELENGTH) >= MAXFILENAMELENGTH)
        {
            fprintf(stderr, "Default input filename too long\n");
            exit(EXIT_FAILURE);
        }
        strncpy(inputFilenameBase, DEFAULT_INPUTFILENAME, MAXFILENAMELENGTH);
    }
    else
    {
        if(strnlen(argv[3], MAXFILENAMELENGTH) >= MAXFILENAMELENGTH)
        {
```

```
            fprintf(stderr, "Input filename too long\n");
            exit(EXIT_FAILURE);
        }
        strncpy(inputFilenameBase, argv[3], MAXFILENAMELENGTH);
    }
    /* Set supplied output filename base or default if not supplied */
    if(argc < 5)
    {
        if(strnlen(DEFAULT_OUTPUTFILENAMEBASE, MAXFILENAMELENGTH) >= MAXFILENAMELENGTH)
        {
            fprintf(stderr, "Default output filename base too long\n");
            exit(EXIT_FAILURE);
        }
        strncpy(outputFilenameBase, DEFAULT_OUTPUTFILENAMEBASE, MAXFILENAMELENGTH);
    }
    else
    {
        if(strnlen(argv[4], MAXFILENAMELENGTH) >= MAXFILENAMELENGTH)
        {
            fprintf(stderr, "Output filename base is too long\n");
            exit(EXIT_FAILURE);
        }
        strncpy(outputFilenameBase, argv[4], MAXFILENAMELENGTH);
    }
     /* Set policy if supplied */
    if(argc < 6)
    {
        policy = SCHED_OTHER;
    }
    else
    {
        if(!strcmp(argv[5], "SCHED_OTHER"))
        {
            policy = SCHED_OTHER;
        }
        else if(!strcmp(argv[5], "SCHED_FIFO"))
        {
            policy = SCHED_FIFO;
        }
        else if(!strcmp(argv[5], "SCHED_RR"))
        {
            policy = SCHED_RR;
        }
        else
        {
            fprintf(stderr, "Unhandeled scheduling policy\n");
            exit(EXIT_FAILURE);
        }
    }


    /* Set value for nChildren if supplied */
    if(argc < 7)
    {
```

```
        nChildren=5; //if no value supplied, set it to 5
    }
    else
    {
        nChildren = atol(argv[6]);
        if(nChildren < 1)
        {
            fprintf(stderr, "Bad childrens value\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Confirm blocksize is multiple of and less than transfersize*/
    if(blocksize > transfersize)
    {
        fprintf(stderr, "blocksize can not exceed transfersize\n");
        exit(EXIT_FAILURE);
    }
    if(transfersize % blocksize)
    {
        fprintf(stderr, "blocksize must be multiple of transfersize\n");
        exit(EXIT_FAILURE);
    }

    /* Allocate buffer space */
    buffersize = blocksize;
    if(!(transferBuffer = malloc(buffersize*sizeof(*transferBuffer))))
    {
        perror("Failed to allocate transfer buffer");
        exit(EXIT_FAILURE);
    }

     /* Set process to max priority for given scheduler */
    param.sched_priority = sched_get_priority_max(policy);

    /* Set new scheduler policy */
    //fprintf(stdout, "Current Scheduling Policy: %d\n", sched_getscheduler(0));
    //fprintf(stdout, "Setting Scheduling Policy to: %d\n", policy);
    if(sched_setscheduler(0, policy, &param))
    {
        perror("Error setting scheduler policy");
        exit(EXIT_FAILURE);
    }

    pids = malloc(nChildren * sizeof(pid_t)); //create an array to hold all our children

    for (i = 1; i <= nChildren; i++) {
        pids[i] = fork();
        if (pids[i] == -1)
        {
            return EXIT_FAILURE; //if a single one of our processes failed, fail the program
        }
        else if (pids[i] == 0)
        {
```

```
            //printf("I am a child: %d PID: %d\n",i, getpid());
            //ssize_t transfersize, ssize_t blocksize, char* inputFilename, char*
            outputFilename, char* transferBuffer, ssize_t buffersize
            do_rw(transfersize, blocksize, inputFilenameBase, outputFilenameBase, transferBuffer
            , buffersize, i);
            exit(0); //when done with the pi calculation, exit
        }
        else
        {
            //I am the parent - I don't need to do anything in here

        }
    }


    /*Wait for children to exit.*/
    int status;
    //when the loop starts, i = nChildren, so we can use i as our counter still
    while (i > 0)
    {
        pid = wait(&status);
        //printf("Child with PID %ld exited with status 0x%x.\n", (long)pid, status);
        --i;
    }

    free(transferBuffer);
    free(pids);
    return EXIT_SUCCESS;
}
```

```c
/* Local Includes */
#include <stdlib.h>
#include <stdio.h>
#include <string.h>
#include <math.h>
#include <errno.h>
#include <sched.h>
#include <unistd.h>
#include <sys/types.h>
#include <sys/wait.h>
#include <fcntl.h>
#include <sys/stat.h>

#define DEFAULT_ITERATIONS 1000000
#define RADIUS (RAND_MAX / 2)
#define MAXFILENAMELENGTH 80
#define DEFAULT_TRANSFERSIZE 1024*100

#define USAGE "./mixed <iterations> <policy> <children>"

inline double dist(double x0, double y0, double x1, double y1)
{
    return sqrt(pow((x1-x0),2) + pow((y1-y0),2));
}

inline double zeroDist(double x, double y)
{
    return dist(0, 0, x, y);
}
double calculate_pi(long iterations)
{
    double x, y;
    long i;
    double inCircle = 0.0;
    double inSquare = 0.0;
    double pCircle = 0.0;
    double piCalc = 0.0;
    //BEGIN CPU BOUND ALGORITHM
        /* Calculate pi using statistical method across all iterations */
        for(i=0; i<iterations; i++)
        {
            x = (random() % (RADIUS * 2)) - RADIUS;
            y = (random() % (RADIUS * 2)) - RADIUS;
            if(zeroDist(x,y) < RADIUS)
            {
                inCircle++;
            }
            inSquare++;
        }
        /* Finish calculation */
        pCircle = inCircle/inSquare;
        piCalc = pCircle * 4.0;
        /* Print result */
        //fprintf(stdout, "pi = %f\n", piCalc);
```

```
        return piCalc;
    //END ALGORITHM
}
void log_pi(long iterations, int id)
{
    int outputFD;
    ssize_t bytesWritten;
    //ssize_t bytesRead;
    char transferBuffer[DEFAULT_TRANSFERSIZE];
    char outputFilename[MAXFILENAMELENGTH];
    long i;
    //for(i=0;i<iterations;i++)
    //{
        snprintf(outputFilename, MAXFILENAMELENGTH, "%s-%d", "pilog", id); //create the output
        filename
        if((outputFD = open(outputFilename,
             O_WRONLY | O_CREAT | O_TRUNC | O_SYNC,
             S_IRUSR | S_IWUSR | S_IRGRP | S_IWGRP | S_IROTH)) < 0) //open the output file for
             this process
        {
            perror("Failed to open output file");
            exit(EXIT_FAILURE);
        }
        //ltoa(calculate_pi(iterations), transferBuffer, 1);
        sprintf(transferBuffer, "%ld", calculate_pi(iterations));
        bytesWritten = write(outputFD, transferBuffer, DEFAULT_TRANSFERSIZE); //write out the
        pi results to the output file
        if(close(outputFD))
        {
            perror("Failed to close input file");
            exit(EXIT_FAILURE);
        }
    //}
}

int main(int argc, char* argv[]){

    long i;
    long iterations;
    struct sched_param param;
    int policy;
    pid_t pid;
    int nChildren;
    pid_t *pids;

    /* Process program arguments to select iterations and policy */
    /* Set default iterations if not supplied */
    if(argc < 2)
    {
        iterations = DEFAULT_ITERATIONS;
    }
    else
    {
        iterations = atol(argv[1]);
```

```
        if(iterations < 1)
        {
            fprintf(stderr, "Bad iterations value\n");
            exit(EXIT_FAILURE);
        }
    }

    /* Set default policy if not supplied */
    if(argc < 3)
    {
        policy = SCHED_OTHER;
    }
    else
    {
        if(!strcmp(argv[2], "SCHED_OTHER"))
        {
            policy = SCHED_OTHER;
        }
        else if(!strcmp(argv[2], "SCHED_FIFO"))
        {
            policy = SCHED_FIFO;
        }
        else if(!strcmp(argv[2], "SCHED_RR"))
        {
            policy = SCHED_RR;
        }
        else
        {
            fprintf(stderr, "Unhandeled scheduling policy\n");
            exit(EXIT_FAILURE);
        }
    }

    /*Set nChildren if not supplied*/
    if(argc < 4)
    {
        nChildren = 5;
    }
    else
    {
        nChildren = atol(argv[3]);
        if(nChildren < 1)
        {
            fprintf(stderr, "Bad childrens value\n");
            exit(EXIT_FAILURE);
        }
    }



    /* Set process to max priorty for given scheduler */
    param.sched_priority = sched_get_priority_max(policy);

    /* Set new scheduler policy */
```

```
    if(sched_setscheduler(0, policy, &param))
    {
        perror("Error setting scheduler policy");
        exit(EXIT_FAILURE);
    }

    pids = malloc(nChildren * sizeof(pid_t)); //create an array to hold all our children


    for (i = 1; i <= nChildren; i++) {
        pids[i] = fork();
        if (pids[i] == -1)
        {
            return EXIT_FAILURE; //if a single one of our processes failed, fail the program
        }
        else if (pids[i] == 0)
        {
            //printf("I am a child: %d PID: %d\n",i, getpid());
            log_pi(iterations, i);
            exit(0); //when done with the pi calculation, exit
        }
        else
        {
            //I am the parent - I don't need to do anything in here

        }
    }


    // Wait for children to exit.
    int status;
    //when the loop starts, i = nChildren, so we can use i as our counter still
    while (i > 0)
    {
        pid = wait(&status);
        //printf("Child with PID %ld exited with status 0x%x.\n", (long)pid, status);
        --i;
    }
    free(pids);
    return EXIT_SUCCESS;
}
```

```
CC = gcc
CFLAGS = -c -g -Wall -Wextra
LFLAGS = -g -Wall -Wextra -pthread

INPUTFILESIZEMEGABYTES = 1

KILO = 1024
MEGA = $(shell echo $(KILO)\*$(KILO) | bc)
INPUTFILESIZEBYTES = $(shell echo $(MEGA)\*$(INPUTFILESIZEMEGABYTES) | bc)
INPUTBLOCKSIZEBYTES = $(KILO)
INPUTBLOCKS = $(shell echo $(INPUTFILESIZEBYTES)\/$(INPUTBLOCKSIZEBYTES) | bc)

.PHONY: all clean

all: pi pi-sched rw rr_quantum mixed

pi: pi.o
    $(CC) $(LFLAGS) $^ -o $@ -lm

pi-sched: pi-sched.o
    $(CC) $(LFLAGS) $^ -o $@ -lm

rw: rw.o
    $(CC) $(LFLAGS) rw.o -o $@ -lm

rr_quantum: rr_quantum.o
    $(CC) $(LFLAGS) $^ -o $@ -lm

mixed: mixed.o
    $(CC) $(LFLAGS) mixed.o -o $@ -lm

pi.o: pi.c
    $(CC) $(CFLAGS) $<

pi-sched.o: pi-sched.c
    $(CC) $(CFLAGS) $<

rw.o: rw.c
    $(CC) $(CFLAGS) $<

mixed.o: mixed.c
    $(CC) $(CFLAGS) $<

#rwinput: Makefile
#   dd if=/dev/urandom of=./rwinput bs=$(INPUTBLOCKSIZEBYTES) count=$(INPUTBLOCKS)

rr_quantum.o: rr_quantum.c
    $(CC) $(CFLAGS) $<

clean: testclean
    rm -f pi pi-sched rw rr_quantum mixed
    rm -f rwinput*
    rm -f *.o
    rm -f *~
```

```
	rm -f handout/*~
	rm -f handout/*.log
	rm -f handout/*.aux
	rm -f pilog*

testclean:
	rm -f rwoutput*
```