

	1 thread	5 threads	10 threads	100 threads			1 thread	5 threads	10 threads	100 threads
No mutex (Original file)	0.008397	0.008333	0.012828	0.019596		Multiple Mutex (Step 4)	0.009429	0.023069	0.019766	0.02816
	0.007501	0.008255	0.014317	0.023307			0.008334	0.019257	0.021409	0.029391
	0.007698	0.010043	0.013373	0.019596			0.014172	0.019857	0.030985	0.028645
	0.007201	0.009433	0.012135	0.01898			0.008743	0.034167	0.023	0.027668
	0.007126	0.009529	0.01315	0.019425			0.009986	0.020854	0.024976	0.02698
	0.007484	0.008459	0.01044	0.020829			0.012391	0.025525	0.024973	0.026943
	0.007515	0.010352	0.012267	0.021075			0.022287	0.020004	0.028229	0.027434
	0.007285	0.008617	0.010014	0.01908			0.010492	0.019991	0.022273	0.027682
	0.007208	0.010581	0.009826	0.019531			0.011153	0.018359	0.022181	0.027162
	0.00806	0.009762	0.009653	0.018819			0.019133	0.020776	0.026073	0.031735
Average	0.0075475	0.0093364	0.0118003	0.0200238			0.012612	0.0221859	0.0243865	0.02818
Single mutex (Step 1)	0.008519	0.018769	0.02593	0.031929		Spin (Step 2)	0.007725	0.013888	0.048726	5.284311
	0.008495	0.02294	0.029876	0.033967			0.008036	0.013731	0.041297	5.64017
	0.010083	0.023653	0.030996	0.032723			0.007497	0.013618	0.016559	6.872715
	0.008412	0.022091	0.02889	0.032801			0.007626	0.01398	0.016873	8.330312
	0.008987	0.02238	0.029902	0.031665			0.008093	0.013756	0.016593	3.586631
	0.008303	0.025137	0.030233	0.033497			0.008277	0.013475	0.016628	5.500292
	0.008547	0.023293	0.026529	0.025044			0.007905	0.014863	0.016493	5.516387
	0.009047	0.024296	0.028656	0.029251			0.007887	0.013462	0.01721	7.576589
	0.009492	0.024052	0.022943	0.032438			0.008097	0.01251	0.04181	7.110879
	0.008825	0.025202	0.030201	0.032729			0.008197	0.012975	0.016368	5.800126
Average	0.008871	0.0231813	0.0284156	0.0316044			0.007934	0.0136258	0.0248557	6.1218412
Single Mutex vs Original File (change in %)	14.91940029	59.72443306	58.47245879	36.64236625						
Single Mutex vs Spin (change in %)	10.56250705	41.22072533	12.52797759	-19270.21807						
Single Mutex vs Multiple Mutex (change in %)	-42.17111938	4.293978336	14.17918327	10.83520016						