

heatmap_analysis.c													
Threads	1	2	3	4	5	6	7	8	9	10	Avg. Exec. Time	Speedup	Ideal Speedup
1	34.2044	34.1913	34.2288	34.1552	34.3617	34.1225	34.1502	34.1432	34.1094	34.105	34.17717	1	1
2	17.1807	17.1977	17.1345	17.1587	17.1236	17.1456	17.1342	17.1293	17.1415	17.1222	17.1468	1.993209812	2
4	8.6088	8.6037	8.5989	8.6071	8.5929	8.5696	8.5826	8.5762	8.607	8.5782	8.5925	3.977558336	4
8	4.3498	4.366	4.3669	4.3568	4.3243	4.3454	4.3274	4.3222	4.3244	4.3403	4.34235	7.870662199	8
16	2.1994	2.1932	2.1914	2.2111	2.1775	2.1806	2.177	2.1789	2.1763	2.1702	2.18556	15.63771756	16
32	1.1137	1.1179	1.1214	1.1171	1.1054	1.106	1.1056	1.1016	1.098	1.1034	1.10901	30.81772933	32
64	0.6256	0.6177	0.5976	0.6653	0.6366	0.6134	0.6547	0.7144	0.6535	0.6294	0.64082	53.33349459	64

heatmap_analysis_quick.c													
Threads	1	2	3	4	5	6	7	8	9	10	Avg. Exec. Time	Speedup	Ideal Speedup
1	34.2412	34.2268	34.1862	34.2828	34.2009	34.154	34.2088	34.2749	34.1794	34.2933	34.22483	1	1
2	17.1599	17.1968	17.1448	17.2048	17.2172	17.1852	17.1974	17.1768	17.1787	17.2043	17.18659	1.99136827	2
4	8.5776	8.633	8.5957	8.6034	8.6018	8.6013	8.627	8.6147	8.6004	8.5786	8.60335	3.978081794	4
8	4.3483	4.332	4.3279	4.3357	4.3292	4.3217	4.331	4.3306	4.4417	4.3184	4.34165	7.882908572	8
16	2.176	2.1786	2.1787	2.176	2.1725	2.1856	2.1752	2.1861	2.1838	2.17965	15.70198426	16	
32	1.1818	1.0942	1.0943	1.0932	1.1004	1.1041	1.0979	1.0915	1.1023	1.0914	1.10511	30.96961388	32
64	0.6395	0.591	0.6897	0.6183	0.647	0.6582	0.6006	0.5566	0.5578	0.7123	0.6271	54.57635146	64

heatmap_analysis_quick.c (Early Exit)													
Threads	1	2	3	4	5	6	7	8	9	10	Avg. Exec. Time	Speedup	Ideal Speedup
1	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	0.00001	1	1
2	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.0002	0.05	2
4	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.0004	0.025	4
8	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0008	0.0007	0.0007	0.00071	0.01408450704	8
16	0.0014	0.0014	0.0013	0.0014	0.0016	0.0013	0.0014	0.0014	0.0014	0.0014	0.0014	0.007142857143	16
32	0.0037	0.0029	0.0027	0.0027	0.0028	0.0027	0.0028	0.0028	0.0028	0.0028	0.00285	0.00350877193	32
64	0.0131	0.0107	0.0142	0.0138	0.117	0.014	0.0121	0.0143	0.0144	0.0137	0.02373	0.000421407501	64

pi_tasks.c (Early Exit)													
Threads	1	2	3	4	5	6	7	8	9	10	Avg. Exec. Time	Speedup	Ideal Speedup
1	31.1828	33.5869	31.081	31.2077	33.6958	33.6059	31.1309	33.6797	32.0585	33.6586	32.48878	1	1
2	15.5333	16.7817	14.0709	14.2874	16.8471	16.8041	15.3773	14.1524	15.3192	16.864	15.60374	2.082114929	2
4	8.1437	7.4127	8.3987	7.4136	7.8153	8.3834	8.4493	8.1779	7.3359	8.2002	7.97307	4.074814344	4
8	4.366	3.6875	4.0793	3.5975	3.6386	3.5833	4.0838	3.5977	3.6359	4.2015	3.84711	8.444983377	8
16	2.2205	2.0782	1.8606	1.825	2.0602	1.8118	2.1134	2.0544	2.1367	2.2172	2.0378	15.94306605	16
32	0.9789	0.9659	1.1541	0.9943	1.0028	1.1708	1.1296	1.1421	0.9539	1.1439	1.06363	30.54518959	32
64	0.9016	0.9009	0.8982	0.9035	0.898	0.9036	0.8994	0.8983	0.9067	0.8965	0.90067	36.071791	64



