

Sheet1

0 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execution	8.890548	8.769376	8.898719	8.948687	8.960456	8.888806	8.910714	8.92969	8.865549	8.936989	8.917199	8.90
L1 miss (instruction)	17378810	20818607	17822023	16149728	19141502	20414710	18684213	14460279	18056440	18040047	17411028	18034307.91
L1 miss (data)	1813248	2040203	2270990	1989473	2227354	2656101	1994768	1797244	1859978	1932409	1881298	2042096.91
L1 miss (mixed)	19192058	22858810	20093013	18139201	21368856	23070811	20678981	16257523	3719956	19972456	19292326	18603999.18
L2 miss (instruction)	1982970	1745000	1714088	1794199	1509554	1492691	1836535	1992284	1988606	1759495	2001307	1801520.82
L2 miss (data)	1005199	946558	836253	871608	795541	814170	933598	910151	951088	882696	977426	902208.00
L2 miss (mixed)	2988169	2691558	2550341	2665807	2305095	2306861	2770133	2902435	2939694	2642191	2978733	2703728.82
L3 miss (mixed)	90234	79145	97465	126450	122914	96848	150713	124618	141501	125397	153576	118987.36
1 attaquant	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execution	5.477105	5.2345	5.386914	5.166726	5.357789	5.335335	5.169799	5.360468	5.221441	5.125416	5.09882	5.27
L1 miss (instruction)	14176349	12703033	14519580	13735050	16066620	12989145	15230513	15082070	11585004	16134360	13462323	14153095.18
L1 miss (data)	2428694	1752088	1720842	1563216	1719240	1334695	1560812	2260892	1196987	2217110	1597117	1759244.82
L1 miss (mixed)	16605043	14455121	16240422	15298266	17785860	14323840	16791325	17342962	12781991	18351470	15059440	15912340.00
L2 miss (instruction)	554242	696174	626304	403033	467702	622351	350864	588433	423416	435657	576478	522241.27
L2 miss (data)	580525	649550	546001	481203	657086	566684	476432	648647	528030	559886	571467	569591.91
L2 miss (mixed)	1134767	1345724	1172305	884236	1124788	1189035	827296	1237080	951446	995543	1147945	1091833.18
L3 miss (mixed)	88637	102743	108487	87764	94468	89779	79903	74679	85555	74426	99783	89656.73
2 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execution	7.420942	7.60942	7.986748	7.461791	7.426832	7.4901	7.56039	7.564503	8.006399	7.825339	7.44994	7.62
L1 miss (instruction)	16298888	19105981	16340377	17364027	20317393	18395475	17364944	18215635	19805658	19193901	13873734	17843273.91
L1 miss (data)	2124423	2137234	1986130	2704218	2262501	2163827	2152467	2155848	2413925	2658203	1864550	2238484.18
L1 miss (mixed)	18423311	21243215	18326507	20068245	22579894	20559302	19517411	20371483	22219583	21852104	15738284	20081758.09
L2 miss (instruction)	671683	640913	743867	648138	598634	634142	758311	560431	854508	747325	567269	675020.09
L2 miss (data)	620264	658827	690766	634811	642749	700329	685298	596682	689088	670603	666744	659651.00
L2 miss (mixed)	1291947	1299740	1434633	1282949	1241383	1334471	1443609	1157113	1543596	1417928	1234013	1334671.09
L3 miss (mixed)	110576	108963	121458	106641	107183	107666	125013	114431	117127	116017	117518	113872.09
3 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execution	12.809202	13.366371	13.797265	11.53219	14.936371	13.437108	11.299901	11.630863	11.624782	11.430777	11.500085	12.49
L1 miss (instruction)	18020590	18629866	18354842	17873159	18660118	19992795	16961176	19242288	16216923	17646132	19375043	18270266.55
L1 miss (data)	3068582	1811072	2048177	2101050	2183314	2121980	1836748	1960296	1661635	1856044	1697263	2031469.18
L1 miss (mixed)	21089172	20440938	20403019	19974209	20843432	22114775	18797924	21202584	17878558	19502176	21072306	20301735.73
L2 miss (instruction)	1118307	845084	997120	774509	1073575	882649	655181	778015	668892	608611	789645	835598.91
L2 miss (data)	938946	749178	760778	752747	883165	779280	681323	764163	700394	695740	762934	769877.09
L2 miss (mixed)	2057253	1594262	1757898	1527256	1956740	1661929	1336504	1542178	1369286	1304351	1552579	1605476.00
L3 miss (mixed)	213103	170255	184839	171216	200099	176703	156880	155830	161020	156677	188130	175886.55

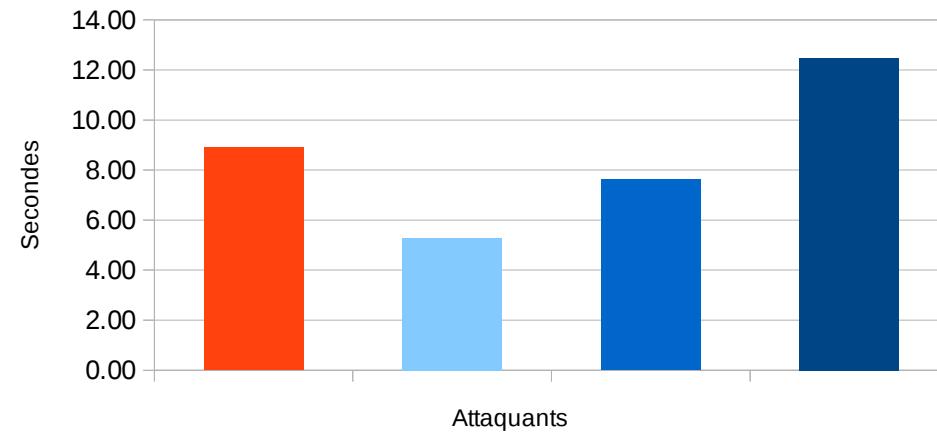
Sheet1

CPU

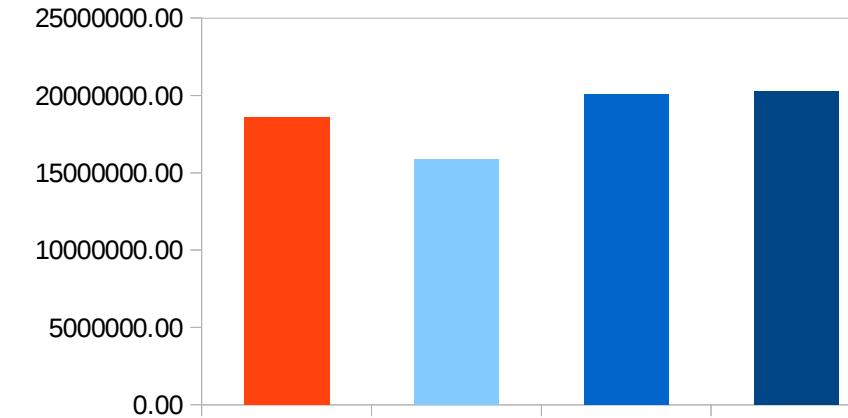
Intel Core i3 M 330 @2.13GHz x 4  
L1 data 32ko L1 inst 32ko  
L2 mixed 256ko  
L3 mixed 3Mo

CPU governor = powersave Elements attack = 4000000  
Isolcpu = 1  
Parcour aléatoire  
Iterations RT = 50000

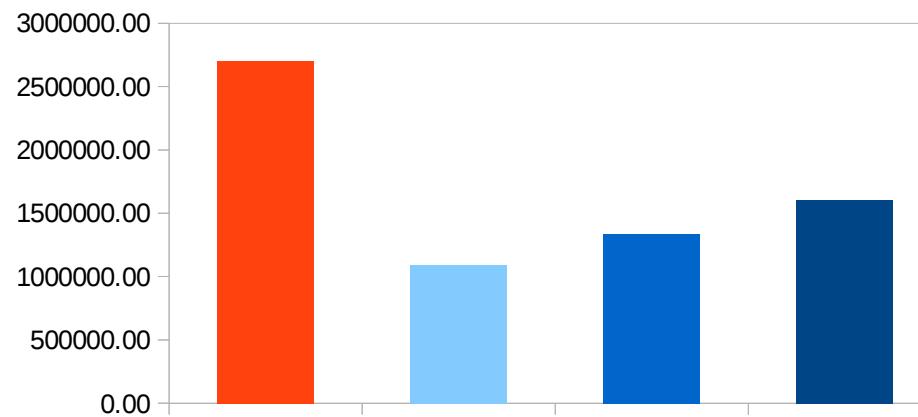
Temps exécution



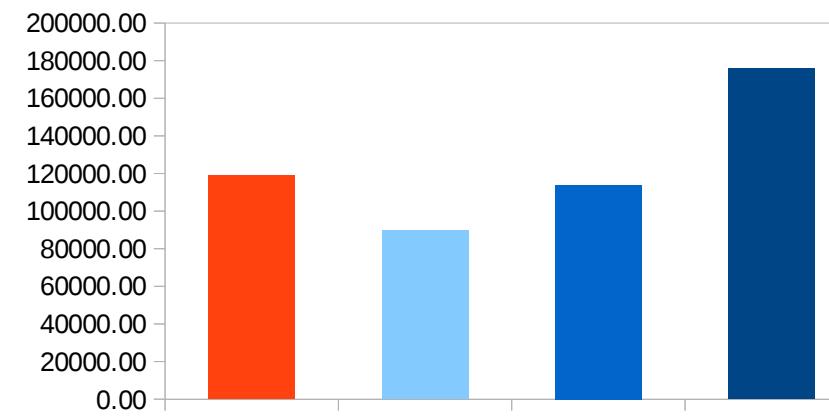
L1 Cache Miss



L2 Cache Miss



L3 Cache Miss



Sheet2

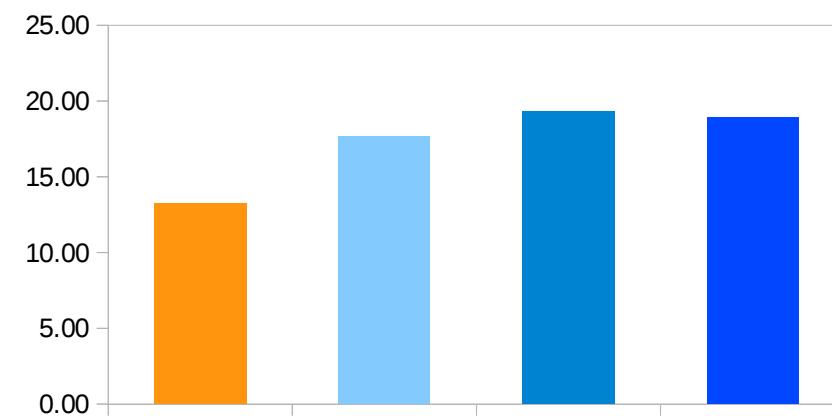
0 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execut	14.026347	12.79609	13.477064	12.608192	12.609153	14.419169	12.356379	12.543709	14.226191	14.080022	12.645589	13.25
L1 miss (instru)	8502822	5580350	6937268	5443179	5212070	6287131	4235004	4731684	8802996	23894448	5654682	7752875.82
L1 miss (data)	5584712	3770588	4951267	3512214	3482884	5964080	3268836	3612936	5708939	5533616	3631259	4456484.64
L1 miss (mixed)	14087534	9350938	11888535	8955393	8694954	12251211	7503840	8344620	11417878	29428064	9285941	11928082.55
L2 miss (instru)	1019803	754331	868830	786676	759134	1001001	624882	771534	1259777	1642731	978787	951589.64
L2 miss (data)	2484150	2110531	2249092	2031900	2066088	2493148	1907781	2046011	2605814	3117854	2178646	2299183.18
L2 miss (mixed)	3503953	2864862	3117922	2818576	2825222	3494149	2532663	2817545	3865591	4760585	3157433	3250772.82
L3 miss (mixed)	827880	610464	814814	542682	555660	679493	634074	662390	799908	934593	621402	698487.27
1 attaquant	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execut	17.50415	17.802763	17.656495	17.41402	17.471566	17.738913	17.455875	17.744257	17.723425	17.756218	17.736099	17.64
L1 miss (instru)	58557596	54002472	54844284	53313617	53879120	59996676	48438968	67685814	69238958	56725784	60040468	57883977.91
L1 miss (data)	8539267	10106992	8667264	8310020	8868190	8543065	8797971	10826168	8969950	9900790	8560187	9099078.55
L1 miss (mixed)	67096863	64109464	63511548	61623637	62747310	68539741	57236939	78511982	78208908	66626574	68600655	66983056.45
L2 miss (instru)	1323135	1408543	1489483	1420545	1541239	1385843	1575180	1254364	1314538	1593245	1710283	1456036.18
L2 miss (data)	2886928	2965996	3235556	3017590	3144875	3029587	3127717	3009049	2959706	3243386	3176137	3072411.55
L2 miss (mixed)	4210063	4374539	4725039	4438135	4686114	4415430	4702897	4263413	4274244	4836631	4886420	4528447.73
L3 miss (mixed)	1226268	1374355	1383623	1301834	1344364	1372624	1401085	1237073	1339132	1471286	1481892	1357594.18
2 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execut	19.211355	19.349535	19.213216	19.344491	18.953575	19.557596	19.654892	19.358436	19.710767	18.982743	19.12495	19.31
L1 miss (instru)	80420979	75790592	68841774	77619348	71758455	81527250	91958225	84491440	82981697	74484338	74077462	78541050.91
L1 miss (data)	9542738	9940393	10688430	11822896	9905115	10620891	11215241	10119470	9957905	10345331	10516971	10425034.64
L1 miss (mixed)	89963717	85730985	79530204	89442244	81663570	92148141	103173466	94610910	92939602	84829669	84594433	88966085.55
L2 miss (instru)	1848057	1864719	1904877	1880798	1778765	1912296	1798462	1774774	1883349	1911836	1771472	1848127.73
L2 miss (data)	3462823	3602546	3553364	3540531	3398265	3457314	3348683	3375534	3433632	3477326	3341714	3453793.82
L2 miss (mixed)	5310880	5467265	5458241	5421329	5177030	5369610	5147145	5150308	5316981	5389162	5113186	5301921.55
L3 miss (mixed)	1497801	1548976	1517301	1552966	1583196	1586576	1597870	1511196	1512262	1534560	1495005	1539791.73
3 attaquants	0	1	2	3	4	5	6	7	8	9	10	Moyenne
Temps Execut	18.514363	18.801214	19.060772	18.743866	19.020141	18.92746	19.227592	19.094209	18.920414	18.945726	18.835	18.92
L1 miss (instru)	65259592	79885382	81557755	72071230	65928248	65584817	77499192	79174480	69672046	75259573	71860620	73068448.64
L1 miss (data)	8780566	8892136	9675177	9303862	8973729	9031888	8978622	8622776	8977732	10160408	10214937	9237439.36
L1 miss (mixed)	74040158	88777518	91232932	81375092	74901977	74616705	86477814	87797256	78649778	85419981	82075557	82305888.00
L2 miss (instru)	1137384	1068777	1086569	1143593	1151650	1168329	1138307	1073063	1092165	1083434	1106730	1113636.45
L2 miss (data)	2995159	2868509	2914141	2925994	2990733	2973342	2951544	2988543	2930078	2860592	2919684	2938029.00
L2 miss (mixed)	4132543	3937286	4000710	4069587	4142383	4141671	4089851	4061606	4022243	3944026	4026414	4051665.45
L3 miss (mixed)	1042304	1038296	1023663	1097021	1154612	1079827	1131908	1106909	1110842	1072608	1074719	1084791.73

CPU

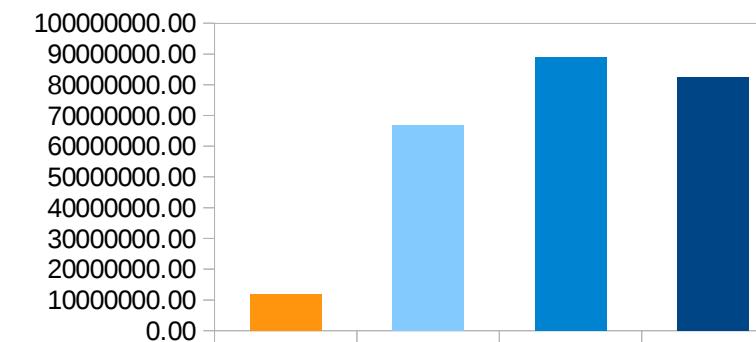
Intel Core i3 M 330 @2.13GHz x 4  
 L1 data 32ko L1 inst 32ko  
 L2 mixed 256ko  
 L3 mixed 3Mo

CPU governor = powersave  
 Isolcpu = 1  
 Elements attack = 4000000  
 Parcour aléatoire  
 Iterations RT = 2'000.000

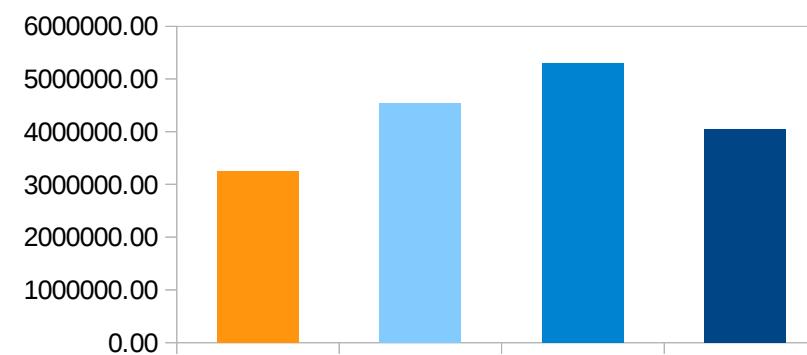
Execution Time



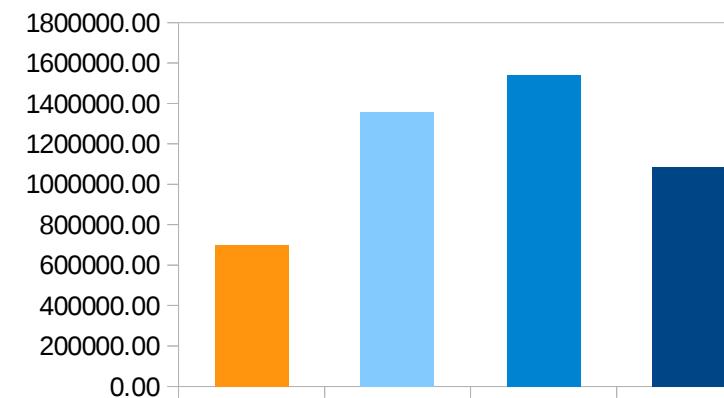
L1 Cache Miss



L2 Cache Miss



L3 Cache Miss



Sheet3

	0	1	2	3	4	5	6	7	8	9	10	Moyenne
0 attaques												
Temps Execution	5.374749	5.368049	5.379028									5.37
L1 miss (instruction)	1897744	1520926	1734623									1717764.33
L1 miss (data)	2489598	2457848	2438436									2461960.67
L1 miss (mixed)	4387342	3978774	4173059	0	0	0	0	0	0	0	0	1139925.00
L2 miss (instruction)	278450	194158	250368									240992.00
L2 miss (data)	1211195	1152434	1201939									1188522.67
L2 miss (mixed)	1489645	1346592	1452307	0	0	0	0	0	0	0	0	389867.64
L3 miss (mixed)	21402	52342	30100									34614.67
1 attaquant												
Temps Execution	6.199294	6.00734	5.99435									6.07
L1 miss (instruction)	24683084	23881900	14209441									20924808.33
L1 miss (data)	4204074	3933576	3582516									3906722.00
L1 miss (mixed)	28887158	27815476	17791957	0	0	0	0	0	0	0	0	6772235.55
L2 miss (instruction)	511394	385301	523638									473444.33
L2 miss (data)	1730925	1642095	1756868									1709962.67
L2 miss (mixed)	2242319	2027396	2280506	0	0	0	0	0	0	0	0	595474.64
L3 miss (mixed)	124621	136129	334992									198580.67
2 attaques												
Temps Execution	9.427866	9.357503	9.565932									9.217569
L1 miss (instruction)	123358342	70668209	147686846									
L1 miss (data)	12350842	8920796	12090334									
L1 miss (mixed)	135709184	79589005	159777180	0	0	0	0	0	0	0	0	34097760.82
L2 miss (instruction)	940253	1857537	489661									
L2 miss (data)	2568323	3411782	2245854									
L2 miss (mixed)	3508576	5269319	2735515	0	0	0	0	0	0	0	0	1046673.64
L3 miss (mixed)	799775	683732	734099									739202.00
3 attaques												
Temps Execution	9.363818	9.386703	9.342259									9.28679
L1 miss (instruction)	140646566	121000857	136899596									
L1 miss (data)	10430622	11227904	10599626									
L1 miss (mixed)	151077188	132228761	147499222	0	0	0	0	0	0	0	0	39164106.45
L2 miss (instruction)	762378	1111765	905927									
L2 miss (data)	2434933	2786302	2569315									
L2 miss (mixed)	3197311	3898067	3475242	0	0	0	0	0	0	0	0	960965.45
L3 miss (mixed)	712919	729288	704929									715712.00

9.399076	9.10395	9.240198333
9591854	8449922	8972790.333
120258342	74925905	97151475
2676548	3230430	2987922.667
768191	1656651	1314552
679887	607708	664659
9.329493	9.358067	9.324783333
13525480	11647334	11769768
103841066	96908741	103999553.7
2573898	2909001	2614148.333
884692	1201749	926304.3333
684470	673672	687661.3333

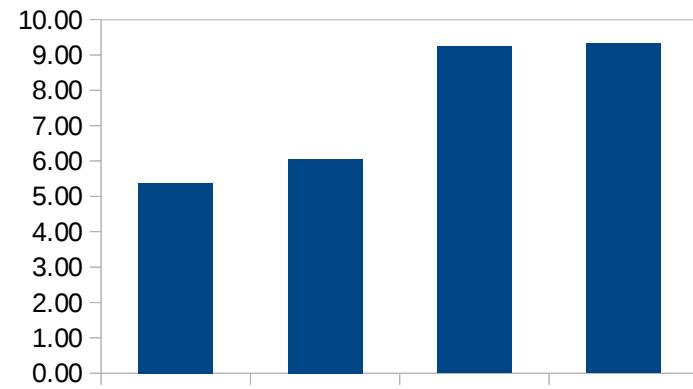
CPU

Intel Core i3 M 330 @2.13GHz x 4  
 L1 data 32ko L1 inst 32ko  
 L2 mixed 256ko  
 L3 mixed 3Mo

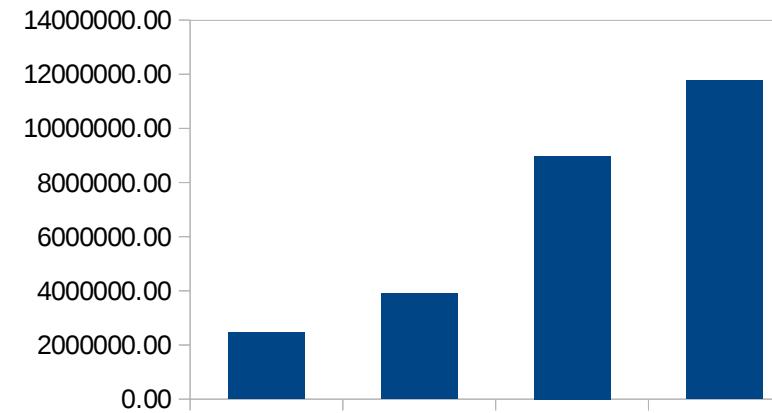
CPU governor = performance

Elements attack = 4000000  
 Parcour aléatoire  
 Iterations RT = 2'000.000

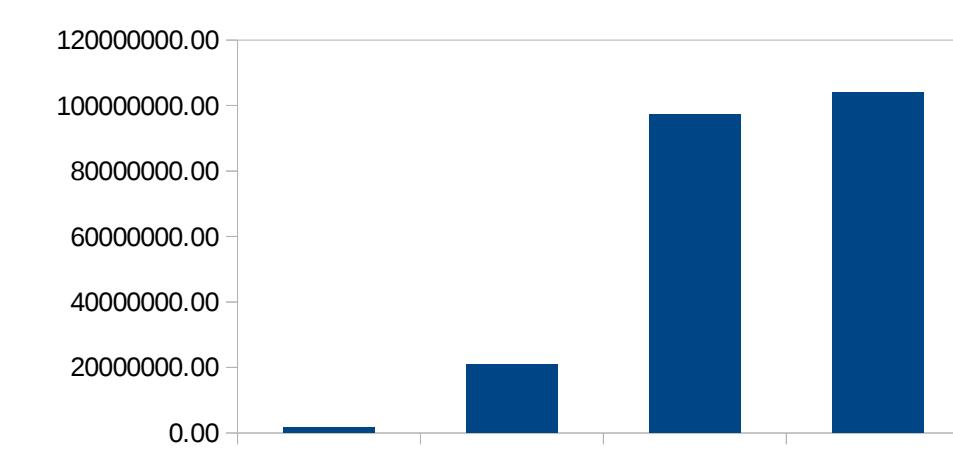
Temps Execution



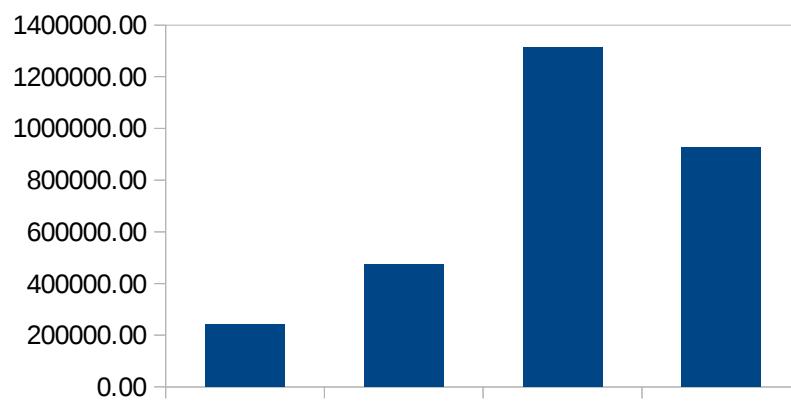
L1 Data



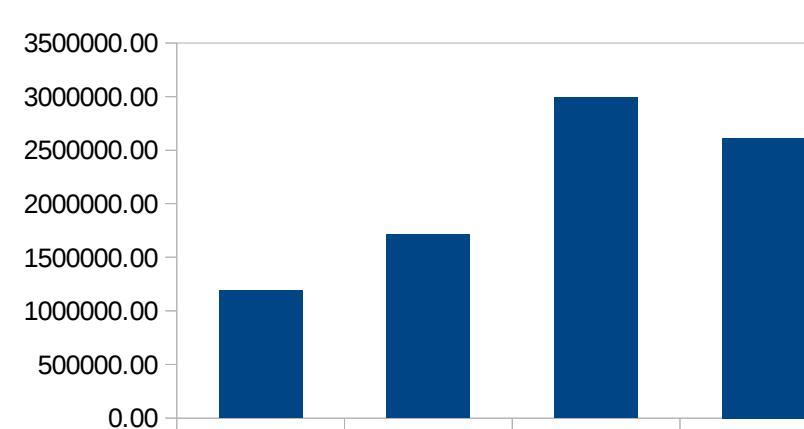
L1 Inst



L2 Inst



L2 Data



L3 Mixed

