N Density Index Is_name move_strg mrr_duratio number_of_ru	n fo_max fo 1 58555	_mean fo_sd 58555	n_moves_mean n_moves_so					
101 1 102-107 100	1 58555	58296	0 400 0					
	1 58082	58082	0 382 0					
	1 52233	52233		0 0				
	1 52765	52765		0				
500 1 2 basic first_move 0.018	1 52441	52441	0 379 0	0				
	1 54590	54590		0				
	1 54268	54268	0 354 0					
	1 54308	54308	0 369 0					
/	1 58639 1 58300	58639 58300	0 387 C					
	1 58327	58327	0 396 0					
	1 58194	58194	0 362 0					
	1 58336	58336	0 385 0					
	1 58311	58311	0 385 0	0				
	1 233838	233838	0 761 0					
	1 234537	234537	0 749 0					
	1 234807	234807	0 750 0					
	1 233698 1 234137	233698 234137	0 706 C					
	1 234137	234137	0 694 0				+ +	
	1 237076	237076	0 730 0					
	1 236902	236902	0 714 0					
	1 236048	236048	0 683 0	0				
500 5 4 bs_array first_move 0.003	1 237573	237573		0				
	1 236827	236827		0				
	1 237577	237577		0				
	1 235691 1 235184	235691 235184	0 707 C					
	1 235338	235338		0 0				
500 10 1 bs_array first_move 0.008	1 431326	431326	0 843 0					
	1 432613	432613	0 918 0	0				
500 10 1 basic first_move 0.015	1 432853	432853	0 890 0	0				
500 10 2 bs_array first_move 0.008	1 431549	431549	0 856 0	0				
	1 431585	431585		0				
	1 433377	433377	0 869 0					
	1 432301 1 432878	432301 432878	0 887 C	0 0				
	1 434551	434551	0 900 0					
	1 434143	434143	0 840 0					
	1 435571	435571	0 958 0	0				
	1 434910	434910	0 940 0	0				
- 1 -	1 434535	434535	0 886 0					
	1 432765	432765	0 899 0					
	1 431475	431475	0 840 0					
	1 2092731 1 2094553	2092731 2094553		0 0				
	1 2094553	2094553	0 1223 0					
	1 2090692	2090692	0 1273 0					
	1 2093552	2093552	0 1175 0					
	1 2090552	2090552	0 1171 0	0				
	1 2081065	2081065	0 1269 0					
	1 2088898	2088898	0 1378 0					
	1 2084527 1 2088303	2084527 2088303	0 1241 0 0 1232 0					
	1 2088303	2088303	0 1232 0				+	
	1 2085154	2085154	0 1270 0					
	1 2093797	2093797	0 1356 0					
500 50 5 tree first_move 0.618	1 2090376	2090376	0 1219 0	0				
	1 2094034	2094034	0 1336 0	0				
	1 6512474	6512474	0 1433 0					
	1 6516189	6516189	0 1378 0					
	1 6516151	6516151	0 1742 C					
	1 6502817 1 6510686	6502817 6510686	0 1407 0 0 1589 0					
	1 6510006	6510076	0 1549 0					
	1 6522921	6522921	0 1315 0					
500 100 3 tree first_move 2.344	1 6527583	6527583	0 1641 0	1				
	1 6524611	6524611	0 1358 0					
500 100 4 bs_array first_move 0.462	1 6520025	6520025	0 1633 0	0				

500 100 4	4 tree first_move	1.913 1 65	18056	6518056	0 1417	0	0						
500 100 4	4 basic first_move	0.025 1 65	14609	6514609	0 1458	0	0						
			11722	6511722	0 1399	0	0						
	5 bs_array first_move					-	-						
500 100 5	5 tree first_move	1.788 1 65	08453	6508453	0 1244	0	1						
500 100 5	5 basic first_move	0.027 1 65	10078	6510078	0 1511	0	0						
	1 bs_array first_move		08349	208349	0 1066	0	0						
							-						
	1 tree first_move		08446	208446	0 1097	0	0						
1000 1 1	1 basic first_move	0.089 1 2	07804	207804	0 1096	0	0						
1000 1 2	2 bs_array first_move	0.003 1 2	04329	204329	0 1057	0	0						
	2 tree first_move		04527	204527	0 1059	0	0						
	2 basic first_move		04042	204042	0 1101	0	0						
1000 1 3	3 bs_array first_move	0.003 1 2	03900	203900	0 1067	0	0						
	3 tree first_move		01927	201927	0 1023	0	0						
							-						
	3 basic first_move		02889	202889	0 1020	0	0						
1000 1 4	4 bs_array first_move	0.003 1 2	12174	212174	0 1068	0	0						
1000 1 4	4 tree first_move	0.008 1 2	12338	212338	0 1106	0	0						
	4 basic first_move		12339	212339	0 1083	0	0						
	5 bs_array first_move		10956	210956	0 1056	0	0						
1000 1 5	5 tree first_move	0.009 1 2	09287	209287	0 1040	0	0						
	5 basic first_move	0.09 1 2	10167	210167	0 1073	0	0						
			54844	854844	0 1852	0	0						
	1 bs_array first_move						-			-			
	1 tree first_move		53866	853866	0 1743	0	0						
1000 5 1	1 basic first_move	0.224 1 8	53407	853407	0 1741	0	0						
1000 5 2	2 bs_array first_move	0.02 1 8	59510	859510	0 1777	0	0						
	2 tree first_move		59834	859834	0 1800	0	0						
							-						
	2 basic first_move		60539	860539	0 1792	0	0						
	3 bs_array first_move		63653	863653	0 1832	0	0						
1000 5 3	3 tree first_move	0.11 1 8	66347	866347	0 1931	0	0						
	3 basic first_move	0.253 1 8	63927	863927	0 1794	0	0						
						0	0						
	4 bs_array first_move		65311	865311	-								
1000 5 4	4 tree first_move	0.109 1 8	61031	861031	0 1734	0	0						
1000 5 4	4 basic first_move	0.164 1 8	63242	863242	0 1818	0	0						
1000 5 5	5 bs_array first_move	0.022 1 8	56406	856406	0 1796	0	0						
	5 tree first_move		61139	861139	0 1813	0	0						
	5 basic first_move		58856	858856	0 1744	0	0						
1000 10 1	1 bs_array first_move	0.057 1 16	01048	1601048	0 2104	0	0						
1000 10 1	1 tree first_move	0.335 1 16	04942	1604942	0 2092	0	0						
	1 basic first_move		00815	1600815	0 1972	0	0						
			23923	1623923	0 2172	0	0						
	2 bs_array first_move						-						
	2 tree first_move		27387	1627387	0 2170	0	0						
1000 10 2	2 basic first_move	0.321 1 16	23724	1623724	0 2072	0	0						
1000 10 3	3 bs_array first_move	0.054 1 16	21610	1621610	0 2117	0	0						
	3 tree first_move		23099	1623099	0 2103	0	0						
			23589	1623589	0 2166	0	0						
1000 10 4	4 bs_array first_move	0.049 1 16	17446	1617446	0 2016	0	0						
1000 10 4	4 tree first_move	0.362 1 16	20935	1620935	0 2214	0	0						
1000 10 4	4 basic first_move	0.233 1 16	17531	1617531	0 2131	0	0						
	5 bs_array first_move		16855	1616855	0 2160	0	0						
	5 tree first_move		17658	1617658	0 2084	0	0						
1000 10 5	5 basic first_move		17488	1617488	0 2119	0	0						
1000 50 1	1 bs_array first_move	0.975 1 80	62075	8062075	0 2902	0	0						
	1 tree first_move	5.024 1 80	68919	8068919	0 2983	0	1						
			73439	8073439	0 2991	0	0						
	2 bs_array first_move		70430	8070430	0 3131	0	0						
1000 50 2	2 tree first_move		71049	8071049	0 2936	0	1						
1000 50 2	2 basic first_move	0.219 1 80	73419	8073419	0 2994	0	0						
	3 bs_array first_move		71459	8071459	0 2963	0	0						
	3 tree first_move		67433	8067433	0 2949	0	1						
							1						
	3 basic first_move		63673	8063673	0 2923	0	0						
	4 bs_array first_move		68570	8068570	0 2875	0	0						
1000 50 4	4 tree first_move	4.796 1 80	62608	8062608	0 3097	0	1						
	4 basic first_move		67637	8067637	0 2913	0	0						
						-	-						_
	5 bs_array first_move		68783	8068783	0 3021	0	0						
	5 tree first_move		70335	8070335	0 3012	0	1						
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	1 bs_array first_move			25756700	0 3366	0	0						
	1 tree first_move			25761673	0 3479	0	3						
	1 basic first_move			25750159	0 3346	0	0						
	2 bs_array first_move			25769025	0 3436	0	0						
1000 100 2	2 tree first_move	13.35 1 25	76395	25763953	0 3709	0	3						
	2 basic first_move			25757087	0 3479	0	0						
100 2		1 23			- 00	-	-						

1000 100 3	3 bs_array first_move	3.716	1 2580379	25803793	0 3587	0	0						
	3 tree first move	12.26	1 2578707		0 3396	0	3						
	3 basic first_move	0.32	1 2579608	25796084	0 3542	0	0						
1000 100 4	4 bs_array first_move	3.697	1 2581776	25817764	0 3600	0	0						
1000 100 4	4 tree first_move	12.64	1 2581316	25813169	0 3476	0	3						
	4 basic first_move	0.294	1 2580766	25807663	0 3452	0	0						
							-						
	5 bs_array first_move	3.476	1 2576046	25760463	0 3174	0	0						
1000 100	5 tree first_move	12.074	1 2576516	25765161	0 3334	0	3						
1000 100	5 basic first_move	0.244	1 2576169	25761694	0 3257	0	0						
	1 bs_array first_move	0.013	1 765753	765753	0 2637	0	0						
							0						
	1 tree first_move	0.055	1 767431	767431		0							
2000 1	1 basic first_move	1.018	1 767315	767315	0 2688	0	0						
2000 1 2	2 bs_array first_move	0.015	1 772755	772755	0 2761	0	0						
2000 1 2	2 tree first_move	0.056	1 771142	771142	0 2729	0	0						
				772392		-							
	2 basic first_move	1.247	1 772392			0	0						
2000 1 3	3 bs_array first_move	0.014	1 747529	747529	0 2705	0	0						
2000 1 3	3 tree first_move	0.054	1 749134	749134	0 2793	0	0						
	3 basic first_move	1.209	1 748436	748436	0 2758	0	0						
						0	0						
	4 bs_array first_move	0.014	1 769756	769756		-							
	4 tree first_move	0.054	1 771800	771800	0 2762	0	0						
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	5 tree first_move	0.064	1 768322	768322	0 2806	0	0						
				765839			0						
	5 basic first_move	1.113	1 765839			0							
	1 bs_array first_move	0.125	1 3205872	3205872	0 4213	0	0						
2000 5	1 tree first_move	0.915	1 3206063	3206063	0 4298	0	0						
	1 basic first_move	1.952	1 3205211	3205211	0 4224	0	0						
	2 bs_array first_move	0.132	1 3244982	3244982	0 4500	0	0						
	2 tree first_move	0.868	1 3234211	3234211	0 4209	0	0			-			
	2 basic first_move	1.536	1 3240838	3240838	0 4373	0	0						
2000 5 3	3 bs_array first_move	0.125	1 3190144	3190144	0 4254	0	0						
	3 tree first_move	0.847	1 3191148	3191148	0 4159	0	0						
		2.101	1 3189604		0 4302	0	0				1		
											-		
	4 bs_array first_move	0.133	1 3228459	3228459	0 4167	0	0						
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	4 basic first_move	1.6	1 3234791	3234791	0 4237	0	0						
	5 bs_array first_move	0.11	1 3192773	3192773	0 4188	0	0						
	5 tree first_move	0.875	1 3193814	3193814	0 4229	0	0						
2000 5	5 basic first_move	1.926	1 3191908	3191908	0 4187	0	0						
2000 10	1 bs array first move	0.402	1 6110622	6110622	0 4981	0	0						
2000 10	1 tree first_move	2.687	1 6109141	6109141	0 5065	0	0						
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	1 basic first_move	3.123	1 6113599	6113599	0 5246	0	0						
2000 10 2	2 bs_array first_move	0.43	1 6128005	6128005	0 5173	0	0						
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2000 10 2	2 basic first_move	2.383	1 6129862	6129862	0 5007	0	0						
	3 bs_array first_move	0.415	1 6080192	6080192	0 4990	0	0						
	3 tree first_move	2.611	1 6078146	6078146	0 5006	0	0						
	3 basic first_move	1.69	1 6081050	6081050	0 5055	0	0						
2000 10 4	4 bs_array first_move	0.454	1 6130120	6130120	0 5126	0	0						
	4 tree first_move	2.607	1 6122938	6122938	0 4892	0	0						
	4 basic first_move	2.846	1 6137223	6137223	0 5025	0	0						
	5 bs_array first_move	0.427	1 6117171	6117171	0 5015	0	0						
2000 10 5	5 tree first_move	2.578	1 6113895	6113895	0 4855	0	0						
2000 10 5	5 basic first_move	2.38	1 6129642	6129642	0 5182	0	0						
	1 bs_array first_move	8.024	1 3144406		0 7287	0	0						
	1 tree first_move	23.816	1 3141400		0 6687	0	3						
	1 basic first_move	3.981	1 3142755		0 6971	0	0						
2000 50 2	2 bs_array first_move	7.771	1 3145822	31458221	0 6781	0	0						
2000 50 2	2 tree first_move	25.722	1 3147181	31471816	0 7293	0	3						
	2 basic first_move	3.441	1 3145583		0 7044	0	0						
	3 bs_array first_move	8.148	1 3143038		0 7132	0	0						
	3 tree first_move	26.96	1 3144351	31443519	0 7382	0	3						
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	4 bs_array first_move	7.512	1 3147487		0 6981	0	0						
	4 tree first move	25.73	1 3146229		0 7017	0	3						
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	4 basic first_move	3.213	1 3146916		0 7300	0	0						
	5 bs_array first_move	7.985	1 3146046		0 6975	0	0						
2000 50 5	5 tree first_move	24.846	1 3144593	31445930	0 6762	0	3						
2000 50 5	5 basic first_move	2.116	1 3143513		0 6559	0	0						
		27.741			0 7862	0	2			+			
	1 bs_array first_move		1 1022181				4						
2000 100	1 tree first_move	61.875	1 1022173	102217312	0 7706	0	7						

2000 100	1 basic first move	3.818 1 10221	48 10221483	6 0 7986	0	0						
2000 100	2 ha aman fast mans		11 10220119		0	2						
	2 bs_array first_move				-							
2000 100	2 tree first_move	63.678 1 10219	84 10219844	3 0 8009	0	7						
2000 100	2 basic first_move	3.244 1 10219	67 10219678	0 0 7546	0	0						
2000 100	3 bs_array first_move		71 10226710		0	3						
2000 100	3 tree first_move	56.205 1 10223	80 10223809	0 7185	0	7						
2000 100	3 basic first_move	4.6 1 10225	97 10225976	5 0 8221	0	0						
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2000 100	4 bs_array first_move		45 10225451			2						
2000 100	4 tree first_move	66.497 1 10224	64 10224647	7 0 8272	0	7						
2000 100	4 basic first_move	3.546 1 10223	19 10223191	1 0 7354	0	0						
2000 100	5 bs_array first_move	30.067 1 10221	16 10221168	5 0 8900	0	2						
2000 100	5 tree first_move	62.006 1 10220	21 10220215	5 0 7566	0	7						
2000 100	5 basic first_move	3.94 1 10219	35 10219350	8 0 7776	0	0						
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3000 1	1 bs_array first_move	0.041 1 16396	30 163963	0 4660	0	0						
3000 1	1 tree first_move	0.172 1 16364	95 163649	5 0 4572	0	0						
3000 1	1 basic first_move	3.911 1 16372			0	0						
3000 1	2 bs_array first_move	0.051 1 16523		7 0 4609	0	0						
3000 1	2 tree first_move	0.176 1 16451	85 164518	5 0 4505	0	0						
3000 1	2 basic first_move	4.13 1 16523		9 0 4624	0	0						
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3000 1	3 bs_array first_move	0.036 1 16179			0	0						
3000 1	3 tree first_move	0.186 1 16171	05 161710	5 0 4513	0	0						
3000 1	3 basic first_move	3.554 1 16155		6 0 4608	0	0						
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3000 1	4 bs_array first_move	0.046 1 16480			0	0						
3000 1	4 tree first_move	0.176 1 16467	03 164670	0 4658	0	0						
3000 1	4 basic first_move	4.448 1 16447		3 0 4619	0	0						
3000 1	5 bs_array first_move	0.039 1 16568			0	0						
3000 1	5 tree first_move	0.254 1 16552	46 165524	6 0 4652	0	0						
3000 1	5 basic first_move	3.383 1 16537	49 165374	9 0 4563	0	0						
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3000 5	1 bs_array first_move	0.449 1 69855			0	0						
3000 5	1 tree first_move	2.765 1 69755	53 697555	3 0 7033	0	0						
3000 5	1 basic first_move	5.727 1 69762	11 697621	1 0 7002	0	0						
						-						
3000 5	2 bs_array first_move	0.396 1 69941			0	0						
3000 5	2 tree first_move	2.936 1 69915	61 699156	1 0 6928	0	0						
3000 5	2 basic first_move	4.966 1 70037	13 700371	3 0 7138	0	0						
3000 5		0.433 1 69303			0	0						
	3 bs_array first_move											
3000 5	3 tree first_move	2.772 1 69228	73 692287	3 0 6929	0	0						
3000 5	3 basic first_move	5.825 1 69228	24 692282	4 0 7351	0	0						
					-	0						
3000 5	4 bs_array first_move	0.401 1 70008			0							
3000 5	4 tree first_move	2.846 1 69925	58 699255	8 0 7269	0	0						
3000 5	4 basic first_move	6.373 1 69885	38 698853	8 0 6918	0	0						
3000 5		0.4 1 69807			0	0						
	5 bs_array first_move											
3000 5	5 tree first_move	3.001 1 69871	71 698717	1 0 7132	0	0						
3000 5	5 basic first move	5.397 1 69848	75 698487	5 0 7156	0	0						
3000 10	1 bs_array first_move	1.424 1 13376			0	0						
					-							
3000 10	1 tree first_move	8.213 1 13371	37 1337137	0 0 8472	0	0						
3000 10	1 basic first_move	6.842 1 13376	95 1337695	0 8517	0	0						
3000 10	2 bs_array first_move	1.378 1 13405	49 1340549	8 0 8086	0	0						
3000 10	2 tree first_move	8.215 1 13409			0	0						
3000 10	2 basic first_move	9.332 1 13423	71 1342371	2 0 9062	0	0						
3000 10	3 bs_array first_move	1.42 1 13345		4 0 8264	0	0						
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		7.888 1 13344			-							
3000 10	3 basic first_move	5.608 1 13336	83 1333683	9 0 7972	0	0						
3000 10	4 bs_array first_move	1.557 1 13405	33 1340533	4 0 8329	0	0						
					0	0						
3000 10	4 tree first_move											
3000 10	4 basic first_move	8.218 1 13416			0	0						
3000 10	5 bs_array first_move	1.44 1 13426	71 1342671	6 0 8479	0	0						
3000 10	5 tree first_move	7.986 1 13418			0	0						
3000 10	5 basic first_move	5.313 1 13416			0	0						
3000 50	1 bs_array first_move	25.74 1 69848	07 6984807	5 0 11505	0	1						
3000 50	1 tree first move	68.838 1 69830			0	5						
3000 50		16.658 1 69873			-	-						
	1 basic first_move				0	1	-					
3000 50	2 bs_array first_move	27.62 1 69967	48 6996748	0 12254	0	1						
3000 50	2 tree first_move	71.501 1 69963	91 6996391	5 0 11625	0	5						
3000 50		10.701 1 69969			0	0						
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3000 50	3 bs_array first_move	26.036 1 69927	67 6992767	8 0 11591	0	1						
3000 50	3 tree first_move	68.779 1 69922	51 6992251	4 0 11347	0	5						
3000 50	3 basic first_move	7.945 1 69915			0	0						
										-	-	
3000 50	4 bs_array first_move	25.783 1 69978			0	1						
3000 50	4 tree first_move	72.619 1 69954	40 6995440	6 0 11513	0	5						
3000 50	4 basic first_move	9.055 1 69970			0	0						
										+		
3000 50	5 bs_array first_move	25.491 1 69987	56 6998756	0 11378	0	1						

Mart												
Section Sect	3000 50	5 tree first move	68.65 1 6999	6999379	2 0 11358	0	5					
Mathematical Math							0					
200 10 10 10 10 10 10 10												
20	3000 100	1 bs_array first_move	89.177 1 2291	76 22911769	0 0 12904	0	6					
18 18 18 18 18 18 18 18	3000 100	1 tree first_move	172.932 1 2291	70 22910700	9 0 13184	0	12					
18 18 18 18 18 18 18 18	3000 100	1 basic first move	12 014 1 2291	79 22910790	8 0 13271	0	0					
Section Sect												
Mart							-					
1	3000 100	2 tree first_move	167.37 1 2290	22909800	5 0 12915	0	12					
1	3000 100	2 basic first_move	10.253 1 2291	005 22910050	0 0 12807	0	0					
Mathematical Math	3000 100		88 865 1 2292	25 22922251	0 0 13335	0	6					
Mart												
Mathematical Math												
Martin M	3000 100	3 basic first_move	10.511 1 2292	238 22922381	4 0 13632	0	0					
Martin M	3000 100	4 bs array first move	93.479 1 2291	40 22914402	4 0 13247	0	6					
Mart						0	12					
Mart												
19						-						
	3000 100	5 bs_array first_move	94.026 1 2291	72 22915724	9 0 13907	0	6					
	3000 100	5 tree first move	182.835 1 2291	18 22914180	1 0 13233	0	13					
1	2000 100						0					
10 1 1 1 1 1 1 1 1 1												
Mart 1 Prop. Prop. Prop. Mart Prop. Mart Prop. Pro	4000 1	1 tree first_move	0.5 1 2828	45 282864	5 0 6868	0	0					
Mart 1 Prop. Prop. Prop. Mart Prop. Mart Prop. Pro	4000 1	1 basic first move	7.475 1 2826	62 282666	2 0 6694	0	0					
March Marc												
1									+			
		2 basic first_move				0	0					
	4000 1	3 bs_array first_move	0.081 1 2795	73 279507	3 0 6635	0	0					
	4000 1					0	0					
1							-		_			
Second S							-					
March Marc		4 bs_array first_move				0	0					
Mart	4000 1	4 tree first_move	0.475 1 2835	64 283546	4 0 6882	0	0					
March 1 Shaper						0	0					
400 1 5												
400 1 5 5 5							-					
	4000 1	5 tree first_move	0.486 1 2832	79 283257	9 0 7003	0	0					
	4000 1	5 basic first_move	9.676 1 2827	006 282700	6 0 6799	0	1					
	4000 5	1 hs array first move	0.984 1.1210	53 1210253	9 0 10098	0	0					
400 5 2 10, mm/y feet, proce 0.972 1 124477 124477 0 13005 0 0 0 0 0 0 0 0 0							-					
400 5 2 tex	4000 5	1 basic first_move	14.699 1 1212	1212085	1 0 10327	0	1					
	4000 5	2 bs_array first_move	0.972 1 1214	327 1214827	8 0 10025	0	0					
	4000 5	2 tree first move	6 164 1 1215	72 1215872	1 0 10290	0	0					
Figure F												
Marie Mari						-						
Main	4000 5	3 bs_array first_move			1 0 10123	0	0					
400 5 4 10 2 11 11 12 13 13 13 13	4000 5	3 tree first_move	6.39 1 1207	41 1207741	0 10089	0	0					
400 5 4 10 2 11 11 12 13 13 13 13	4000 5	3 basic first move	12 981 1 1207	950 1207950	3 0 10328	0	0					
							0					
4000 5 6 A blase Fist, Those 15,286 1 124626 1244280 0 10192 0 0 0 0 0 0 0 0 0												
5 5 5 5 5 5 5 5 5 5							-					
4000 5 5 1 tex mst_move 6.652 1 121824 1218242 0 1007 0 0 0 0 0 0 0 0 0	4000 5	4 basic first_move	15.369 1 1214	285 1214285	0 0 10260	0	1					
4000 5 5 1 tex mst_move 6.652 1 121824 1218242 0 1007 0 0 0 0 0 0 0 0 0	4000 5	5 bs array first move	0.998 1 1210	96 1210896	1 0 10192	0	0					
4000 10 1 1 1 1 1 1 1 1							0					
4000 10 1 1 1 1 1 1 1 1												
1												
10 1 1 1		1 bs_array first_move				0	0					
10 1 1 1	4000 10	1 tree first_move	15.093 1 2335	002 2335002	0 0 11559	0	0					
4000 10 2 be, array first_move						0	1					
4000 10 2 tree first_move 15.22 1 2337929 23379294 0 11532 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
4000 10 2 basic first_move												
A000 10 3 bs_array first_move 3.42 1 23448 234488 2344887 0 11679 0 0 0 0 0 0 0 0 0							0					
A000 10 3 bs_array first_move 3.42 1 23448 234488 2344887 0 11679 0 0 0 0 0 0 0 0 0	4000 10	2 basic first_move	17.817 1 2339	25 2339725	7 0 11922	0	1					
A00	4000 10		3.42 1 2334	98 2334198	7 0 11679	0	0					
A000 10 3 basic first_move 15.283 1 2335220 23352303 0 11937 0 0 0 0 0 0 0 0 0												
400							4					
4000 10 4 Item (first_move 15.821 1 234191 2341910 0 11637 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							1					
400 10 4 basic first_move 20.633 1 234081 2340819 0 11761 0 0 1 1	4000 10	4 bs_array first_move	3.365 1 2341	2341239	8 0 12095	0	0					
400 10 4 basic first_move 20.633 1 234081 2340819 0 11761 0 0 1 1	4000 10	4 tree first move	15.821 1 2341	2341910	1 0 11637	0	0					
400 10 5 bs_array first_move 13.128 1 2339837 23398372 0 116161 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
400 10 5 tee first_move 16.155 1 2339709 23397095 0 11999 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
400 10 5 basic first_move 16.23 1 2341219 2341219 0 124161 0 1 1 12417 0 123412 1 1234172 1 1234												
400 10 5 basic first_move 16.23 1 2341219 2341219 0 124161 0 1 1 12417 0 123412 1 1234172 1 1234	4000 10	5 tree first_move	16.155 1 2339	09 2339709	5 0 11909	0	0					
400 50 1 bs_array first_move 58.83 1 1233172 123317210 0 16534 0 2 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5						0	1					
400 50 1 tree first_move 144.787 1 123326 123323669 0 1725 0 0 7												
400 5 0 1 basic first_move 26.696 1 123351 4 123351476 0 1715 0 1 1 400 5 0 2 bs_array first_move 59.645 1 12342847 0 17280 0 2 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5							4					
400 5 0 2 bs_array first_move 59.645 1 1234285 123428547 0 17280 0 2 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4							7					
4000 50 2 tree first_move 142.049 1 1234099 1 12340996 0 16672 0 8 4 4000 50 2 basic first_move 2 15.89 1 1234658 1 2346287 0 17167 0 0 5 5 3 brain first_move 6 17.25 1 1234302 12340288 0 17986 0 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4000 50	1 basic first_move	26.696 1 1233	12335147	6 0 17115	0	1					
4000 50 2 tree first_move 142.049 1 1234099 1 12340996 0 16672 0 8 4 4000 50 2 basic first_move 2 15.89 1 1234658 1 2346287 0 17167 0 0 5 5 3 brain first_move 6 17.25 1 1234302 12340288 0 17986 0 2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4000 50	2 bs array first move	59.645 1 1234	285 12342854	7 0 17280	0	2					
400 50 2 basic first_move 21.589 1 1234658 123465817 0 17167 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0												
400 50 3 bs_array first_move 61.725 1 1234302 123430268 0 17936 0 2 4000 50 3 tree first_move 134.17 1 123403 1 123403158 0 15669 0 8							-					
4000 50 3 tree first_move 134.17 1 1234031 123403158 0 15669 0 8							-					
	4000 50	3 bs_array first_move	61.725 1 1234	12343026	8 0 17936	0	2					
	4000 50		134.17 1 1234	31 12340315	8 0 15669	0	8					
4000 30 3 basic liist_iliuve 10.420 1 1233/39 1233/3940 0 13/00 0 0												
	+000 50	o pasic IIISt_III0VB	10.420 1 1233	00 1200/094	0 15/66	U	U					

4000	50	4 bs_array	first_move	58.194	1 1235629	123562937	0	16754	0	2						
4000	50	4 tree	first_move	144.885	1 1235672	123567215	0	16758	0	В						
4000	50	4 basic	first_move	16.728	1 1235509	123550963	0	16334	0	D						
4000	50	5 bs_array	first_move	58.273	1 1233924	123392418	0	16664	0	2						
4000	50	5 tree	first_move	143.646	1 1233837	123383774	0	16865	0	В						
4000	50	5 basic	first_move	23.808	1 1234084	123408441	0	16551	0	1						
4000	100	1 bs_array	first_move	198.98	1 4064035	406403539	0	17870	0 1	D						
4000	100	1 tree	first_move	344.146	1 4064586	406458644	0	19251	0 1	7						
4000	100	1 basic	first_move	24.644	1 4064745	406474549	0	19079	0	1						
4000	100	2 bs_array	first_move	198.489	1 4063786	406378620	0	17645	0 1	D						
4000	100	2 tree	first_move	356.028	1 4064087	406408742	0	19910	0 1	7						
4000	100	2 basic	first_move	18.288	1 4063808	406380873	0	17959	0	D						
4000	100	3 bs_array	first_move	207.758	1 4065418	406541838	0	19465	0 1	D						
4000	100	3 tree	first_move	341.794	1 4065438	406543899	0	18720	0 1	7						
4000	100	3 basic	first_move	36.618	1 4065372	406537230	0	20792	0	1						
4000	100	4 bs_array	first_move	201.014	1 4064493	406449336	0	18377	0 1	D						
4000	100	4 tree	first_move	363.757	1 4065181	406518117	0	20110	0 1	7						
4000	100	4 basic	first_move	25.624	1 4064877	406487784	0	19522	0	1						
4000	100	5 bs_array	first_move	207.27		406356663	0	18018	0 1	1						
4000	100	5 tree	first_move	354.261	1 4063975	406397598	0	19124	0 1	В						
4000	100	5 basic	first_move	28.285	1 4063933	406393368	0	18461	0	1						

N	Density In	idex I	Best F Algorithm	Strategy	Time[s]	Field				
500	1	1	58555 bs_array	first_move		fo_max				
500	1	2	52765 tree	first_move	0.001	_				
500	1	3	54590 bs_array	first_move	0					
500	1	4	58639 bs_array	first_move	0					
500	1	5	58336 tree	first_move	0.001					
500	5	1	234807 basic	first_move	0.012					
500	5	2	234137 tree	first_move	0.017					
500	5	3	237076 bs_array	first_move	0.003					
500	5	4	237577 basic	first_move	0.013					
500	5	5	235691 bs_array	first_move	0.003					
500	10	1	432853 basic	first_move	0.015					
500	10	2	433377 basic	first_move	0.019					
500	10	3	434551 basic	first_move	0.014					
500	10	4	435571 tree	first_move	0.052					
500	10	5	434535 bs_array	first_move	0.009					
500	50	1	2094553 tree	first_move	0.619					
500	50	2	2093552 tree	first_move	0.594					
500	50	3	2088898 tree	first_move	0.692					
500	50	4	2088303 bs_array	first_move	0.117					
500	50	5	2094034 basic	first_move	0.026					
500	100	1	6516189 tree	first_move	1.903					
500	100	2	6510686 tree	first_move	2.159					
500	100	3	6527583 tree	first_move	2.344					
500	100	4	6520025 bs_array	first_move	0.462					
500	100	5	6511722 bs_array	first_move	0.398					
1000	1	1	208446 tree	first_move	0.008					
1000	1	2	204527 tree	first_move	0.008					
1000	1	3	203900 bs_array	first_move	0.003					
1000	1	4	212339 basic	first_move	0.101					
1000	1	5	210956 bs_array	first_move	0.003					
1000	5	1	854844 bs_array	first_move	0.018					
1000	5	2	860539 basic	first_move	0.203					
1000	5	3	866347 tree	first_move	0.11					
1000	5	4	865311 bs_array	first_move	0.026					
1000	5	5	861139 tree	first_move	0.103					
1000	10	1	1604942 tree	first_move	0.335					
1000	10	2	1627387 tree	first_move	0.389					
1000	10	3	1623589 basic	first_move	0.25					
1000	10	4	1620935 tree	first_move	0.362					

1000 10 5 1617658 tree first_move 0.387 1000 50 1 8073439 basic first_move 0.219 1000 50 2 8073419 basic first_move 0.999 1000 50 3 8071459 bs_array first_move 0.999 1000 50 4 8068570 bs_array first_move 0.956 1000 50 5 8070335 tree first_move 4.826 1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.697 1000 100 4 25817764 bs_array first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054 2000 1 4 771800 tree first_move 0.054	
1000 50 2 8073419 basic first_move 0.219 1000 50 3 8071459 bs_array first_move 0.999 1000 50 4 8068570 bs_array first_move 0.956 1000 50 5 8070335 tree first_move 4.826 1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 50 3 8071459 bs_array first_move 0.999 1000 50 4 8068570 bs_array first_move 0.956 1000 50 5 8070335 tree first_move 4.826 1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 50 4 8068570 bs_array first_move 0.956 1000 50 5 8070335 tree first_move 4.826 1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 50 5 8070335 tree first_move 4.826 1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 100 1 25761673 tree first_move 12.511 1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 100 2 25769025 bs_array first_move 3.666 1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 100 3 25803793 bs_array first_move 3.716 1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 100 4 25817764 bs_array first_move 3.697 1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
1000 100 5 25765161 tree first_move 12.074 2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
2000 1 1 767431 tree first_move 0.055 2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
2000 1 2 772755 bs_array first_move 0.015 2000 1 3 749134 tree first_move 0.054	
2000 1 3 749134 tree first_move 0.054	
2000 1 4 771800 tree first move 0.054	
2000 1 5 768322 tree first_move 0.064	
2000 5 1 3206063 tree first_move 0.915	
2000 5 2 3244982 bs_array first_move 0.132	
2000 5 3 3191148 tree first_move 0.847	
2000 5 4 3238040 tree first_move 0.897	
2000 5 5 3193814 tree first_move 0.875	
2000 10 1 6113599 basic first_move 3.123	
2000 10 2 6138656 tree first_move 2.718	
2000 10 3 6081050 basic first_move 1.69	
2000 10 4 6137223 basic first_move 2.846	
2000 10 5 6129642 basic first_move 2.38	
2000 50 1 31444064 bs_array first_move 8.024	
2000 50 2 31471816 tree first_move 25.722	
2000 50 3 31453263 basic first_move 4.149	
2000 50 4 31474875 bs_array first_move 7.512	
2000 50 5 31460466 bs_array first_move 7.985	
2000 100 1 102218190 bs_array first_move 27.741	
2000 100 2 102201199 bs_array first_move 26.556	
2000 100 3 102267106 bs_array first_move 28.387	
2000 100 4 102254515 bs_array first_move 29.576	
2000 100 5 102211685 bs_array first_move 30.067	
3000 1 1 1 1639630 bs_array first_move 0.041	
3000 1 2 1652319 basic first_move 4.13	
3000 1 3 1617993 bs_array first_move 0.036	
3000 1 4 1648047 bs_array first_move 0.046	

		_		<i>a.</i> .						
3000	1	5	,	first_move	0.039					
3000	5	1	6985586 bs_array	first_move	0.449					
3000	5	2		first_move	4.966					
3000	5	3	6930392 bs_array	first_move	0.433					
3000	5	4	7000820 bs_array	first_move	0.401					
3000	5	5	6987171 tree	first_move	3.001					
3000	10	1	13376950 basic	first_move	6.842					
3000	10	2		first_move	9.332					
3000	10	3	13345644 bs_array	first_move	1.42					
3000	10	4	13416519 basic	first_move	8.218					
3000	10	5	13426716 bs_array	first_move	1.44					
3000	50	1	69873340 basic	first_move	16.658					
3000	50	2	69969509 basic	first_move	10.701					
3000	50	3	69927678 bs_array	first_move	26.036					
3000	50	4	69978249 bs_array	first_move	25.783					
3000	50	5	69993792 tree	first_move	68.65					
3000	100	1	229117690 bs_array	first_move	89.177					
3000	100	2	229132479 bs_array	first_move	92.622					
3000	100	3	229248723 tree	first_move	172.136					
3000	100	4	229144024 bs_array	first_move	93.479					
3000	100	5	229157249 bs_array	first_move	94.026					
4000	1	1	2828645 tree	first_move	0.5					
4000	1	2	2827882 tree	first_move	0.545					
4000	1	3	2799948 basic	first_move	8.598					
4000	1	4	2835464 tree	first_move	0.475					
4000	1	5	2832579 tree	first_move	0.486					
4000	5	1	12120851 basic	first_move	14.699					
4000	5	2	12158721 tree	first_move	6.164					
4000	5	3	12080451 bs_array	first_move	1.049					
4000	5	4	12142850 basic	first_move						
4000	5	5	12123000 basic	first_move	12.448					
4000	10	1	23356687 bs_array	first_move	3.279					
4000	10	2	23397257 basic	first_move	17.817					
4000	10	3	23368425 tree	first_move	17.14					
4000	10	4	23419101 tree	first_move	15.821					
4000	10	5	23412194 basic	first_move						
4000	50	1	123351476 basic	first_move						
4000	50		123465817 basic	first_move						
4000	50		123430268 bs_array	first_move						
4000	50		123567215 tree	first_move						
		•								

4000	50	5	123408441	basic	first_move	23.808					
4000	100	1	406474549	basic	first_move	24.644					
4000	100	2	406408742	tree	first_move	356.028					
4000	100	3	406543899	tree	first_move	341.794					
4000	100	4	406518117	tree	first_move	363.757					
4000	100	5	406397598	tree	first_move	354.261					

		Algorithm	bs array	tree	basic		Property				
		Strategy	first move	first_move	first move		fo_max				
N	Density	Index		_	_	Max F	_				
500	1	1	58555	58296	58082	58555					
500	1	2	52233	52765	52441	52765					
500	1	3	54590	54268	54308	54590					
500	1	4	58639	58300	58327	58639					
500	1	5	58194	58336	58311	58336					
500	5	1	233838	234537	234807	234807					
500	5	2	233698	234137	234121	234137					
500	5	3	237076	236902	236048	237076					
500	5	4	237573	236827	237577	237577					
500	5	5	235691	235184	235338	235691					
500	10	1	431326	432613	432853	432853					
500	10	2	431549	431585	433377	433377					
500	10	3	432301	432878	434551	434551					
500	10	4	434143	435571	434910	435571					
500	10	5	434535	432765	431475	434535					
500	50	1	2092731	2094553	2091965	2094553					
500	50	2	2090692	2093552	2090552	2093552					
500	50	3	2081065	2088898	2084527	2088898					
500	50	4	2088303	2085735	2085154	2088303					
500	50	5	2093797	2090376	2094034	2094034					
500	100	1	6512474	6516189	6516151	6516189					
500	100	2	6502817	6510686	6510076	6510686					
500	100	3	6522921	6527583	6524611	6527583	#First Strategy \	/alue / Best Strate			
500	100	4	6520025	6518056	6514609	6520025	N	Density	Index	bs_array factor	tree factor
500	100	5	6511722	6508453	6510078	6511722	1000	1	1	0.9955768081	#REF!
1000	1	1	208349	208446	207804	208446	1000	1	2		#REF!
1000	1	2	204329	204527	204042	204527	1000	1	3	0.9941014838	#REF!
1000	1	3	203900	201927	202889	203900	1000	1	4	0.9942188646	#REF!
1000	1	4	212174	212338	212339	212339	1000	1	5		#REF!
1000	1	5		209287	210167	210956	1000	5		1.002989249	#REF!
1000	5	1	854844	853866	853407	854844	1000	5		1.001878493	#REF!
1000	5	2	859510	859834	860539	860539	1000	5		0.9992660581	#REF!
1000	5	3	863653	866347	863927	866347	1000	5	4	0.9968599125	#REF!

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1000	5	4	865311	861031	863242	865311	1000	5	5	0.9978488784	#REF!
1000	5	5	856406	861139	858856	861139	1000	10	1	1.002983822	#REF!
1000	10	1	1601048	1604942	1600815	1604942	1000	10	2	1.00008342	#REF!
1000	10	2	1623923	1627387	1623724	1627387	1000	10	3	1.001334718	#REF!
1000	10	3	1621610	1623099	1623589	1623589	1000	10	4	1.003289239	#REF!
1000	10	4	1617446	1620935	1617531	1620935	1000	10	5	0.9959266802	#REF!
1000	10	5	1616855	1617658	1617488	1617658	1000	50	1	1.000870633	#REF!
1000	50	1	8062075	8068919	8073439	8073439	1000	50	2	1.001367968	#REF!
1000	50	2	8070430	8071049	8073419	8073419	1000	50	3	1.003763938	#REF!
1000	50	3	8071459	8067433	8063673	8071459	1000	50	4	0.9987702934	#REF!
1000	50	4	8068570	8062608	8067637	8068570	1000	50	5	0.9983661262	#REF!
1000	50	5	8068783	8070335	8057978	8070335	1000	100	1	1.000570444	#REF!
1000	100	1	25756700	25761673	25750159	25761673	1000	100	2	1.001210091	#REF!
1000	100	2	25769025	25763953	25757087	25769025	1000	100	3	1.00071471	#REF!
1000	100	3	25803793	25787073	25796084	25803793	1000	100	4	0.9996980073	#REF!
1000	100	4	25817764	25813169	25807663	25817764	1000	100	5	0.9994979823	#REF!
1000	100	5	25760463	25765161	25761694	25765161					
2000	1	1	765753	767431	767315	767431					
2000	1	2	772755	771142	772392	772755					
2000	1	3	747529	749134	748436	749134					
2000	1	4	769756	771800	771309	771800					
2000	1	5	766543	768322	765839	768322					
2000	5	1	3205872	3206063	3205211	3206063					
2000	5	2	3244982	3234211	3240838	3244982					
2000	5	3	3190144	3191148	3189604	3191148					
2000	5	4	3228459	3238040	3234791	3238040					
2000	5	5	3192773	3193814	3191908	3193814					
2000	10	1	6110622	6109141	6113599	6113599					
2000	10	2	6128005	6138656	6129862	6138656					
2000	10	3	6080192	6078146	6081050	6081050					
2000	10	4	6130120	6122938	6137223	6137223					
2000	10	5	6117171	6113895	6129642	6129642					
2000	50	1	31444064	31414002	31427555	31444064					
2000	50	2	31458221	31471816	31455838	31471816					
2000	50	3	31430381	31443519	31453263	31453263					
2000	50	4	31474875	31462294	31469161	31474875					

		_							
2000	50	5	31460466	31445930	31435138	31460466			
2000	100	1	102218190	102217312	102214836	102218190			
2000	100	2	102201199	102198443	102196780	102201199			
2000	100	3	102267106	102238090	102259765	102267106			
2000	100	4	102254515	102246477	102231911	102254515			
2000	100	5	102211685	102202155	102193508	102211685			
3000	1	1	1639630	1636495	1637203	1639630			
3000	1	2	1652317	1645185	1652319	1652319			
3000	1	3	1617993	1617105	1615546	1617993			
3000	1	4	1648047	1646703	1644703	1648047			
3000	1	5	1656866	1655246	1653749	1656866			
3000	5	1	6985586	6975553	6976211	6985586			
3000	5	2	6994172	6991561	7003713	7003713			
3000	5	3	6930392	6922873	6922824	6930392			
3000	5	4	7000820	6992558	6988538	7000820			
3000	5	5	6980762	6987171	6984875	6987171			
3000	10	1	13376500	13371370	13376950	13376950			
3000	10	2	13405498	13409509	13423712	13423712			
3000	10	3	13345644	13344098	13336839	13345644			
3000	10	4	13405334	13405290	13416519	13416519			
3000	10	5	13426716	13418929	13416434	13426716			
3000	50	1	69848075	69830935	69873340	69873340			
3000	50	2	69967480	69963915	69969509	69969509			
3000	50	3	69927678	69922514	69915387	69927678			
3000	50	4	69978249	69954406	69970412	69978249			
3000	50	5	69987560	69993792	69969294	69993792			
3000	100	1	229117690	229107009	229107908	229117690			
3000	100	2	229132479	229098005	229100500	229132479			
3000	100	3	229222510	229248723	229223814	229248723			
3000	100	4	229144024	229122872	229098304	229144024			
3000	100	5	229157249	229141801	229137939	229157249			
4000	1	1	2827695	2828645	2826662	2828645			
4000	1	2	2827283	2827882	2823662	2827882			
4000	1	3	2795073	2792312	2799948	2799948			
4000	1	4	2831600	2835464	2832602	2835464			
4000	1	5	2826939	2832579	2827006	2832579			

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4000	5	1	12102539	12111312	12120851	12120851			
4000	5	2	12148278	12158721	12158584	12158721			
4000	5	3	12080451	12077410	12079503	12080451			
1000	5	4	12139329	12136560	12142850	12142850			
4000	5	5	12108961	12118242	12123000	12123000			
4000	10	1	23356687	23350020	23347997	23356687			
4000	10	2	23390825	23379294	23397257	23397257			
1000	10	3	23341987	23368425	23352303	23368425			
1000	10	4	23412398	23419101	23400819	23419101			
1000	10	5	23398372	23397095	23412194	23412194			
1000	50	1	123317210	123323669	123351476	123351476			
1000	50	2	123428547	123409996	123465817	123465817			
000	50	3	123430268	123403158	123373948	123430268			
1000	50	4	123562937	123567215	123550963	123567215			
1000	50	5	123392418	123383774	123408441	123408441			
1000	100	1	406403539	406458644	406474549	406474549			
000	100	2	406378620	406408742	406380873	406408742			
000	100	3	406541838	406543899	406537230	406543899			
000	100	4	406449336	406518117	406487784	406518117			
1000	100	5	406356663	406397598	406393368	406397598			
			#VALUE!	#VALUE!	#VALUE!	#VALUE!			

		Algorithm	bs_array	tree	basic	Property				
		Strategy	first_move	first_move	first_move	fo_max				
N	Density									
500	1	1	0.0000%	0.4423%	0.8078%					
500	1	2	1.0082%	0.0000%	0.6140%					
500	1	3	0.0000%	0.5899%	0.5166%					
500	1	4	0.0000%	0.5781%	0.5321%					
500	1	5	0.2434%	0.0000%	0.0429%					
500	5	1	0.4127%	0.1150%	0.0000%					
500	5	2	0.1875%	0.0000%	0.0068%					
500	5	3	0.0000%	0.0734%	0.4336%					
500	5	4	0.0017%	0.3157%	0.0000%					
500	5	5	0.0000%	0.2151%	0.1498%					
500	10	1	0.3528%	0.0554%	0.0000%					
500	10	2	0.4218%	0.4135%	0.0000%					
500	10	3	0.5178%	0.3850%	0.0000%					
500	10	4	0.3278%	0.0000%	0.1518%					
500	10	5	0.0000%	0.4073%	0.7042%					
500	50	1	0.0870%	0.0000%	0.1236%					
500	50	2	0.1366%	0.0000%	0.1433%					
500	50	3	0.3750%	0.0000%	0.2092%					
500	50	4	0.0000%	0.1230%	0.1508%					
500	50	5	0.0113%	0.1747%	0.0000%					
500	100	1	0.0570%	0.0000%	0.0006%					
500	100	2	0.1209%	0.0000%	0.0094%					
500	100	3	0.0714%	0.0000%	0.0455%					
500	100	4	0.0000%	0.0302%	0.0831%					
500	100	5	0.0000%	0.0502%	0.0252%	#First Strategy V	/alue / Best Strate	egy Value		
1000	1	1	0.0465%	0.0000%	0.3080%	N	Density	Index	bs_array factor	tree factor
1000	1	2	0.0968%	0.0000%	0.2371%	1000	1	1	#DIV/0!	0.00
1000	1	3	0.0000%	0.9676%	0.4958%	1000	1	2	0.00	0.00
1000	1	4	0.0777%	0.0005%	0.0000%	1000	1	3	#DIV/0!	0.00
1000	1	5	0.0000%	0.7912%	0.3740%	1000	1	4	#DIV/0!	0.00

1000	5	1	0.0000%	0.1144%	0.1681%	1000	1	5	0.00	0.00
1000	5	2	0.1196%	0.0819%	0.0000%	1000	5	1	0.28	#DIV/0!
1000	5	3	0.3110%	0.0000%	0.2793%	1000	5	2	0.00	0.00
1000	5	4	0.0000%	0.4946%	0.2391%	1000	5	3	#DIV/0!	0.00
1000	5	5	0.5496%	0.0000%	0.2651%	1000	5	4	187.50	#DIV/0!
1000	10	1	0.2426%	0.0000%	0.2571%	1000	5	5	#DIV/0!	0.00
1000	10	2	0.2129%	0.0000%	0.2251%	1000	10	1	0.16	#DIV/0!
1000	10	3	0.1219%	0.0302%	0.0000%	1000	10	2	0.98	#DIV/0!
1000	10	4	0.2152%	0.0000%	0.2100%	1000	10	3	0.74	#DIV/0!
1000	10	5	0.0496%	0.0000%	0.0105%	1000	10	4	0.00	0.00
1000	50	1	0.1408%	0.0560%	0.0000%	1000	10	5	#DIV/0!	0.00
1000	50	2	0.0370%	0.0294%	0.0000%	1000	50	1	0.00	0.00
1000	50	3	0.0000%	0.0499%	0.0965%	1000	50	2	0.00	0.00
1000	50	4	0.0000%	0.0739%	0.0116%	1000	50	3	0.00	0.00
1000	50	5	0.0192%	0.0000%	0.1531%	1000	50	4	#DIV/0!	0.00
1000	100	1	0.0193%	0.0000%	0.0447%	1000	50	5	15.43	#DIV/0!
1000	100	2	0.0000%	0.0197%	0.0463%	1000	100	1	0.00	0.00
1000	100	3	0.0000%	0.0648%	0.0299%	1000	100	2	0.00	0.00
1000	100	4	0.0000%	0.0178%	0.0391%	1000	100	3	0.00	0.00
1000	100	5	0.0182%	0.0000%	0.0135%	1000	100	4	#DIV/0!	0.00
2000	1	1	0.2187%	0.0000%	0.0151%	1000	100	5	#DIV/0!	0.00
2000	1	2	0.0000%	0.2087%	0.0470%					
2000	1	3	0.2142%	0.0000%	0.0932%					
2000	1	4	0.2648%	0.0000%	0.0636%					
2000	1	5	0.2315%	0.0000%	0.3232%					
2000	5	1	0.0060%	0.0000%	0.0266%					
2000	5	2	0.0000%	0.3319%	0.1277%					
2000	5	3	0.0315%	0.0000%	0.0484%					
2000	5	4	0.2959%	0.0000%	0.1003%					
2000	5	5	0.0326%	0.0000%	0.0597%					
2000	10	1	0.0487%	0.0729%	0.0000%					
2000	10	2	0.1735%	0.0000%	0.1433%					
2000	10	3	0.0141%	0.0478%	0.0000%					

2000	10	4	0.1157%	0.2328%	0.0000%
2000	10	5	0.2035%	0.2569%	0.0000%
2000	50	1	0.0000%	0.0956%	0.0525%
2000	50	2	0.0432%	0.0000%	0.0508%
2000	50	3	0.0727%	0.0310%	0.0000%
2000	50	4	0.0000%	0.0400%	0.0182%
2000	50	5	0.0000%	0.0462%	0.0805%
2000	100	1	0.0000%	0.0009%	0.0033%
2000	100	2	0.0000%	0.0027%	0.0043%
2000	100	3	0.0000%	0.0284%	0.0072%
2000	100	4	0.0000%	0.0079%	0.0221%
2000	100	5	0.0000%	0.0093%	0.0178%
3000	1	1	0.0000%	0.1912%	0.1480%
3000	1	2	0.0001%	0.4318%	0.0000%
3000	1	3	0.0000%	0.0549%	0.1512%
3000	1	4	0.0000%	0.0816%	0.2029%
3000	1	5	0.0000%	0.0978%	0.1881%
3000	5	1	0.0000%	0.1436%	0.1342%
3000	5	2	0.1362%	0.1735%	0.0000%
3000	5	3	0.0000%	0.1085%	0.1092%
3000	5	4	0.0000%	0.1180%	0.1754%
3000	5	5	0.0917%	0.0000%	0.0329%
3000	10	1	0.0034%	0.0417%	0.0000%
3000	10	2	0.1357%	0.1058%	0.0000%
3000	10	3	0.0000%	0.0116%	0.0660%
3000	10	4	0.0834%	0.0837%	0.0000%
3000	10	5	0.0000%	0.0580%	0.0766%
3000	50	1	0.0362%	0.0607%	0.0000%
3000	50	2	0.0029%	0.0080%	0.0000%
3000	50	3	0.0000%	0.0074%	0.0176%
3000	50	4	0.0000%	0.0341%	0.0112%
3000	50	5	0.0089%	0.0000%	0.0350%
3000	100	1	0.0000%	0.0047%	0.0043%

000	400	٦	0.00000/	0.04500/	0.04400/
3000	100	2	0.0000%	0.0150%	0.0140%
3000	100	3	0.0114%	0.0000%	0.0109%
3000	100	4	0.0000%	0.0092%	0.0200%
3000	100	5	0.0000%	0.0067%	0.0084%
4000	1	1	0.0336%	0.0000%	0.0701%
4000	1	2	0.0212%	0.0000%	0.1492%
4000	1	3	0.1741%	0.2727%	0.0000%
4000	1	4	0.1363%	0.0000%	0.1009%
4000	1	5	0.1991%	0.0000%	0.1967%
4000	5	1	0.1511%	0.0787%	0.0000%
4000	5	2	0.0859%	0.0000%	0.0011%
4000	5	3	0.0000%	0.0252%	0.0078%
4000	5	4	0.0290%	0.0518%	0.0000%
4000	5	5	0.1158%	0.0392%	0.0000%
4000	10	1	0.0000%	0.0285%	0.0372%
4000	10	2	0.0275%	0.0768%	0.0000%
4000	10	3	0.1131%	0.0000%	0.0690%
4000	10	4	0.0286%	0.0000%	0.0781%
4000	10	5	0.0590%	0.0645%	0.0000%
4000	50	1	0.0278%	0.0225%	0.0000%
4000	50	2	0.0302%	0.0452%	0.0000%
4000	50	3	0.0000%	0.0220%	0.0456%
4000	50	4	0.0035%	0.0000%	0.0132%
4000	50	5	0.0033%	0.0200%	0.0000%
4000	100	1	0.0175%	0.0039%	0.0000%
4000			0.0175%		0.0000%
	100	2		0.0000%	
4000	100	3	0.0005%	0.0000%	0.0016%
4000	100	4	0.0169%	0.0000%	0.0075%
4000	100	5	0.0101%	0.0000%	0.0010%