

Connect N

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test set	total	timeouts	mean time	max time	mean count	max count	count per sec
30-07	30	1	0.095417	2.011071	197	146619	38598
20-07	30	7	0.108103	2.660797	278	216104	52110
30-14	30	1	0.222108	5.05804	6886	323909	52655
20-14	30	4	0.921285	6.190709	61932	468116	67406

Table 1: Insane AI with iterative deepening

test set	total	timeouts	mean time	max time	mean count	max count	count per sec
30-07	30	0	0.13946	3.717605	1519	246017	45682
20-07	30	30	0	0	0	0	0
30-14	30	0	0.183881	0.819843	4072	50014	39368
20-14	30	28	8.018537	8.018537	670090	670090	81651

Table 2: Insane AI with MTD(f)

test set	total	timeouts	mean time	max time	mean count	max count	count per sec
30-07	30	1	0.095708	4.261424	377	339069	55753
20-07	30	8	0.118574	4.366139	660	335230	59456
30-14	30	1	0.415391	9.557776	20226	664495	61041
20-14	30	6	2.968389	9.57551	209221	643107	71115

Table 3: Insane AI with iterative deepening and MTD(f)

test set	total	timeouts	mean time	max time	mean count	max count	count per sec
30-07	30	0	0.031056	0.809639	2909	73283	90247
20-07	30	27	6.843755	9.205496	560175	824355	86068
30-14	30	0	0.058018	0.635897	4228	46229	79448
20-14	30	29	2.546612	2.546612	202736	202736	79610

Table 4: Alpha beta pruning

test set	total	timeouts	mean time	max time	mean count	max count	count per sec
30-07	30	2	0.253901	9.589689	28040	1051029	110008
20-07	30	30	0	0	0	0	0
30-14	30	1	0.719904	8.746326	67918	832406	96602
20-14	30	30	0	0	0	0	0

Table 5: Negamax / minimax