

実験1 完全観測 自分との対戦有り

Datetime	2015-12-28-05-37-48					
Monitoring type	perfect					
RandomSeed	282					
Repeats	1000					
Average ts_length	32.856					
Number of strategies	10					
Str No.	Strategy name	Avarage(session based)	Rank(session based)	Avarage(stage based)	Rank(stage based)	備考
10	yamagishi_impd.yamagishi	3.8069881	1	3.726098734	1	TFT
4	ikegami_perfect.Self_Centered_perfect	3.738247097	2	3.612840881	2	30%
7	beeleb_Strategy.beeleb	3.736419018	3	3.611766496	3	
2	mhanami_Public_Strategy.PubStrategy	3.72617118	4	3.604507548	4	TFT'
8	oyama.OyamaPerfectMonitoring	3.726026754	5	3.604087533	5	GT
6	gistfile1.MyStrategy	3.720316042	6	3.569763514	6	TFT'
5	tsuyoshi.GrimTrigger	3.655879793	7	3.467905405	7	TFT'
1	lida_perfect_monitoring.lida_pm	3.620227933	8	3.341106647	8	
9	ogawa.ogawa	3.492903964	9	3.139997261	9	
3	kato.KatoStrategy	2.964379561	10	2.648450816	10	
average		3.618755944		3.432652484		

実験1 完全観測 自分との対戦有り

平均利得テーブル(セッションベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	3.456	3.396	2.514	3.952	3.807	4.146	4.146	3.394	3.588	3.803	3.620
2	3.519	4.000	2.428	4.000	4.000	4.000	4.000	4.000	3.315	4.000	3.726
3	2.912	2.234	2.229	2.292	3.408	3.973	3.814	2.234	3.641	2.906	2.964
4	3.463	4.000	2.460	4.000	4.000	4.000	4.000	4.000	3.459	4.000	3.738
5	3.292	4.000	1.893	4.000	4.000	4.000	4.000	4.000	3.374	4.000	3.656
6	3.415	4.000	2.310	4.000	4.000	4.000	4.000	4.000	3.479	4.000	3.720
7	3.415	4.000	2.416	4.000	4.000	4.000	4.000	4.000	3.534	4.000	3.736
8	3.518	4.000	2.428	4.000	4.000	4.000	4.000	4.000	3.315	4.000	3.726
9	3.257	3.254	2.501	3.904	3.792	3.897	3.815	3.254	3.612	3.643	3.493
10	3.784	4.000	2.690	4.000	4.000	4.000	4.000	4.000	3.595	4.000	3.807
average	3.403	3.688	2.387	3.815	3.901	4.002	3.978	3.688	3.491	3.835	3.619

平均利得テーブル(ステージベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	2.930	2.794	2.198	3.695	3.627	4.285	4.285	2.788	3.107	3.702	3.341
2	3.055	4.000	2.170	4.000	4.000	4.000	4.000	4.000	2.820	4.000	3.605
3	2.491	2.037	2.061	2.066	3.418	3.595	3.211	2.037	3.044	2.524	2.648
4	3.009	4.000	2.194	4.000	4.000	4.000	4.000	4.000	2.926	4.000	3.613
5	2.569	4.000	1.402	4.000	4.000	4.000	4.000	4.000	2.708	4.000	3.468
6	2.859	4.000	1.930	4.000	4.000	4.000	4.000	4.000	2.908	4.000	3.570
7	2.859	4.000	2.186	4.000	4.000	4.000	4.000	4.000	3.072	4.000	3.612
8	3.051	4.000	2.170	4.000	4.000	4.000	4.000	4.000	2.820	4.000	3.604
9	2.805	2.767	2.276	3.618	3.684	3.666	3.418	2.767	3.182	3.217	3.140
10	3.686	4.000	2.418	4.000	4.000	4.000	4.000	4.000	3.157	4.000	3.726
average	2.931	3.560	2.100	3.738	3.873	3.955	3.892	3.559	2.974	3.744	3.433

実験2 不完全公的観測 自分との対戦有り

Datetime	2015-12-28-05-40-50					
Monitoring type	public					
RandomSeed	282					
Repeats	1000					
Average ts_length	32.856					
Number of strategies	10					
Str No.	Strategy name	Avarage(session based)	Rank(session based)	Avarage(stage based)	Rank(stage based)	備考
2	mhanami_Imperfect_Public_Strategy.ImPubStrategy	3.283855312	1	2.977218773	4	ALLD
4	ikegami_imperfect_public.Self_Centered_public	3.223912647	2	3.051190041	1	25%
3	kato.KatoStrategy	3.215843985	3	2.997391648	3	
8	oyama.OyamaImperfectPublicMonitoring	3.17047641	4	3.038606343	2	GT'
1	Iida_imperfect_public.Iida_ipm	3.146127068	5	2.922405345	6	
10	yamagishi_impd.yamagishi	3.103362463	6	2.8803841	7	TFT
9	ogawa.ogawa	3.073304517	7	2.930679328	5	
5	tsuyoshi.GrimTrigger	2.947823872	8	2.661101473	9	TFT'
7	beeleb_Strategy.beeleb	2.920922764	9	2.689937911	8	
6	gistfile1.MyStrategy	2.900052583	10	2.601404614	10	TFT'
average		3.098568162		2.875031958		

実験2 不完全公的観測 自分との対戦有り

平均利得テーブル(セッションベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	3.078	1.283	2.175	3.073	3.767	4.099	4.080	3.118	3.460	3.329	3.146
2	3.076	2.000	2.473	2.593	4.045	4.412	4.283	3.088	3.678	3.190	3.284
3	3.005	1.684	2.452	2.824	3.821	4.251	4.185	3.113	3.621	3.202	3.216
4	3.117	1.604	2.296	3.396	3.749	4.046	4.014	3.225	3.423	3.369	3.224
5	2.743	0.636	1.742	3.017	3.613	3.999	4.062	2.927	3.319	3.420	2.948
6	2.636	0.392	1.661	3.114	3.576	3.967	3.990	2.912	3.296	3.455	2.900
7	2.621	0.478	1.753	3.128	3.539	3.969	3.995	2.954	3.342	3.430	2.921
8	3.107	1.275	2.253	3.175	3.745	4.071	3.997	3.226	3.511	3.344	3.170
9	2.892	0.881	2.005	3.175	3.668	4.049	4.002	3.126	3.542	3.392	3.073
10	3.002	1.207	2.043	3.103	3.737	3.959	3.998	3.133	3.362	3.490	3.103
average	2.928	1.144	2.085	3.060	3.726	4.082	4.061	3.082	3.456	3.362	3.099

平均利得テーブル(ステージベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	2.677	1.493	1.927	2.670	3.716	4.148	4.027	2.523	2.939	3.105	2.922
2	2.761	2.000	2.166	2.200	3.898	4.285	3.929	2.488	3.087	2.960	2.977
3	2.725	1.890	2.229	2.427	3.791	4.238	3.992	2.568	3.125	2.990	2.997
4	2.759	1.867	2.126	3.291	3.673	4.053	3.943	2.714	2.892	3.194	3.051
5	2.177	0.735	1.311	2.705	3.514	3.990	4.053	2.206	2.618	3.303	2.661
6	2.009	0.477	1.185	2.870	3.463	3.963	3.983	2.179	2.533	3.352	2.601
7	2.058	0.714	1.396	3.039	3.435	3.963	3.993	2.304	2.652	3.346	2.690
8	2.817	1.675	2.140	2.970	3.746	4.126	3.923	2.769	3.064	3.155	3.039
9	2.571	1.275	1.866	2.931	3.656	4.111	3.942	2.646	3.110	3.200	2.931
10	2.577	1.360	1.749	2.841	3.684	3.936	3.939	2.544	2.789	3.384	2.880
average	2.513	1.349	1.809	2.794	3.658	4.081	3.972	2.494	2.881	3.199	2.875

実験3 不完全私的観測(尾山ゼミの戦略のみ) 自分との対戦有り

Datetime	2015-12-28-05-44-20					
Monitoring type	private					
RandomSeed	282					
Repeats	1000					
Average ts_length	32.856					
Number of strategies	10					
Str No.	Strategy name	Avarage(session based)	Rank(session based)	Avarage(stage based)	Rank(stage based)	備考
7	beeleb_Strategy.beeleb	3.512547784	1	3.364516374	1	
6	gistfile1.MyStrategy	3.482755316	2	3.29020879	3	TFT'
2	mhanami_Imperfect_Private_Strategy.ImPrivStrategy	3.481391663	3	3.293705868	2	2T2FT
10	yamagishi_impd.yamagishi	3.42390276	4	3.211745191	4	TFT
8	oyama.OyamaImperfectPrivateMonitoring	3.420404393	5	3.193991965	5	TFT'
9	ogawa.ogawa	3.407284046	6	3.099491721	7	
4	ikegami_imperfect_private.Self_Centered_private	3.368936793	7	3.14127861	6	20%
1	Iida_imperfect_private.Iida_iprm	3.366075611	8	3.079022096	8	
5	tsuyoshi.GrimTrigger	3.28006289	9	2.983293767	9	TFT'
3	kato.KatoStrategy	3.148614675	10	2.821551619	10	
average		3.389197593		3.1478806		

実験3 不完全私的観測(尾山ゼミの戦略のみ) 自分との対戦有り

平均利得テーブル(セッションベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	3.155	3.476	2.318	2.954	3.560	4.004	3.984	3.414	3.465	3.333	3.366
2	3.241	3.803	2.406	3.338	3.626	3.974	3.977	3.582	3.507	3.360	3.481
3	2.799	3.373	2.318	2.264	3.404	3.963	3.823	3.155	3.538	2.849	3.149
4	3.288	3.475	2.398	3.319	3.680	3.840	3.760	3.472	3.267	3.190	3.369
5	2.922	3.555	1.920	2.801	3.597	3.904	3.823	3.516	3.283	3.479	3.280
6	3.110	3.934	2.205	3.255	3.567	3.986	3.998	3.687	3.429	3.656	3.483
7	3.126	3.935	2.336	3.402	3.487	3.985	3.999	3.674	3.503	3.679	3.513
8	3.227	3.634	2.375	3.249	3.524	3.924	3.890	3.558	3.407	3.415	3.420
9	3.122	3.688	2.420	3.090	3.543	3.916	3.832	3.506	3.567	3.390	3.407
10	3.384	3.422	2.478	3.086	3.656	3.960	4.022	3.525	3.480	3.225	3.424
average	3.137	3.629	2.317	3.076	3.564	3.946	3.911	3.509	3.444	3.358	3.389

平均利得テーブル(ステージベース平均)											
	1	2	3	4	5	6	7	8	9	10	average
1	2.759	3.172	1.946	2.491	3.394	4.003	3.886	3.075	2.939	3.125	3.079
2	2.899	3.625	2.210	3.203	3.526	3.959	3.964	3.363	3.047	3.141	3.294
3	2.630	2.803	2.123	2.049	3.392	3.699	3.253	2.733	2.991	2.542	2.822
4	2.989	3.268	2.164	3.172	3.554	3.772	3.596	3.183	2.792	2.924	3.141
5	2.417	3.345	1.457	2.285	3.479	3.862	3.710	3.313	2.621	3.345	2.983
6	2.684	3.902	1.785	3.092	3.439	3.982	3.999	3.609	2.814	3.597	3.290
7	2.759	3.911	2.113	3.365	3.336	3.982	3.999	3.535	3.017	3.629	3.365
8	2.895	3.399	2.115	3.043	3.365	3.891	3.770	3.336	2.909	3.217	3.194
9	2.817	3.267	2.200	2.719	3.452	3.752	3.471	3.134	3.136	3.048	3.099
10	3.193	3.172	2.204	2.795	3.543	3.948	3.996	3.292	3.008	2.965	3.212
average	2.804	3.386	2.032	2.821	3.448	3.885	3.764	3.257	2.927	3.153	3.148

実験4 不完全私的観測(神取ゼミの戦略のみ) 自分との対戦有り

Datetime	2015-12-29-07-01-49							
Monitoring type	private							
RandomSeed	282							
Repeats	1000							
Average ts_length	32.856							
Number of strategies	24							
Str No.	Strategy name	Avarage(session based)	Rank(session based)	Avarage(stage based)	Rank(stage based)	Average(90% trimmed)	Rank(trimmed)	備考
18	kandori.Strategy18	3.359977969	1	3.228364555	1	3.359921082	1	WSLS'
13	kandori.Strategy13	3.287460052	2	3.137979618	4	3.285995448	2	CCDDDD
22	kandori.Strategy22	3.281387516	3	3.148252349	2	3.277228588	3	
14	kandori.Strategy14	3.276439015	4	3.143196829	3	3.27353009	4	WSLS'
1	kandori.Strategy1	3.26006426	5	3.12564803	6	3.254756832	7	
21	kandori.Strategy21	3.259766841	6	3.110083267	8	3.256481018	5	WSLS'
3	kandori.Strategy3	3.259031214	7	3.105561009	9	3.255041144	6	WSLS'
16	kandori.Strategy16	3.239432858	8	3.084025749	13	3.234561267	9	WSLS
2	kandori.Strategy2	3.239432858	9	3.084025749	12	3.234561267	8	WSLS
17	kandori.Strategy17	3.227942348	10	3.069401327	14	3.225788801	10	TFT'
6	kandori.Strategy6	3.227373162	11	3.09021437	11	3.223074775	11	WSLS'
4	kandori.Strategy4	3.22501653	12	3.124100875	7	3.216019499	12	
23	kandori.Strategy23	3.22174583	13	3.104321382	10	3.2142567	13	
19	kandori.Strategy19	3.213839502	14	3.057152803	15	3.207190645	14	TFT
20	kandori.Strategy20	3.201023476	15	3.032889731	17	3.194331687	15	WSLS'
11	kandori.Strategy11	3.186472045	16	3.033648725	16	3.180954056	16	TFT'
7	kandori.Strategy7	3.16280871	17	2.995780197	19	3.153911793	17	TFT'
15	kandori.Strategy15	3.159724338	18	2.985872697	20	3.149037299	18	WSLS'
12	kandori.Strategy12	3.157521914	19	3.005357342	18	3.136672709	20	
8	kandori.Strategy8	3.157403557	20	3.137817294	5	3.134434895	21	HIST
10	kandori.Strategy10	3.152953322	21	2.983149323	21	3.143445954	19	TFT'
24	kandori.Strategy24	3.146712115	22	2.940208156	23	3.093241893	23	
5	kandori.Strategy5	3.103164667	23	2.938215876	24	3.093565096	22	
9	kandori.Strategy9	3.06455783	24	2.949860122	22	3.010350295	24	STFT
average		3.211302164		3.067296974		3.200348035		

タイプ別平均					
	WSLS	TFT	ALLD	Other kandori	total average
WSLS	3.485347614	3.1719659	1.597288599	3.241082345	3.246911304
TFT	3.156388186	3.201584794	2.102810448	3.289310268	3.168095626
ALLD	3.568115816	2.766558346	2.393956929	3.474086488	3.287460052
Other kandori	3.281705328	3.259717721	1.61449243	3.243862807	3.194127049
total	3.33867567	3.191729249	1.762598185	3.263774653	3.211302164

実験4 不完全私的観測(神取ゼミの戦略のみ) 自分との対戦有り

平均利得テーブル(セッションベース平均)																									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	average
1	3.347	3.703	3.614	3.793	3.834	3.909	3.041	3.817	2.363	3.030	3.513	1.965	1.682	3.667	3.171	3.703	3.388	2.670	3.162	3.396	3.690	3.774	4.000	2.011	3.260
2	3.533	3.783	3.686	3.590	3.660	3.935	3.075	3.598	2.473	3.066	3.640	1.645	1.577	3.718	3.124	3.783	3.335	2.484	3.218	3.414	3.766	3.799	3.972	1.873	3.239
3	3.538	3.777	3.688	3.617	3.688	3.946	3.075	3.596	2.419	3.059	3.613	1.707	1.651	3.719	3.170	3.777	3.290	2.652	3.212	3.436	3.767	3.810	3.981	2.027	3.259
4	3.156	3.161	3.161	3.997	3.636	3.748	3.430	3.981	3.177	3.379	3.895	1.902	1.671	3.501	2.671	3.161	3.768	3.170	3.654	2.874	3.272	3.474	3.983	1.577	3.225
5	2.397	3.332	3.203	4.065	3.798	3.754	3.314	3.910	3.007	3.278	3.836	1.875	1.241	3.365	2.747	3.332	3.615	1.892	3.434	3.025	3.341	3.382	4.053	1.280	3.103
6	3.076	3.599	3.498	3.921	3.649	3.908	3.346	3.678	3.113	3.292	3.825	1.911	1.284	3.633	2.869	3.599	3.596	2.328	3.575	3.174	3.609	3.627	3.981	1.367	3.227
7	2.855	3.146	3.079	4.021	3.748	3.782	3.067	3.957	2.502	3.050	3.715	2.044	2.073	3.458	2.948	3.146	3.379	2.808	3.148	3.038	3.239	3.644	3.998	2.063	3.163
8	3.170	3.096	3.028	3.991	3.655	3.627	3.416	3.983	3.187	3.363	3.871	2.018	1.535	3.278	2.690	3.096	3.755	2.682	3.656	2.858	3.146	3.199	3.982	1.496	3.157
9	2.515	2.761	2.660	4.073	3.802	3.938	2.870	4.078	2.517	2.874	3.702	2.125	2.278	3.435	2.886	2.761	3.426	2.341	2.798	2.820	2.903	3.554	4.064	2.369	3.065
10	2.839	3.135	3.062	4.027	3.773	3.764	3.067	3.948	2.503	3.048	3.712	2.030	2.052	3.427	2.950	3.135	3.364	2.783	3.133	3.034	3.210	3.611	4.006	2.057	3.153
11	3.131	3.100	3.048	4.009	3.564	3.819	3.334	3.978	2.997	3.285	3.800	1.960	1.972	3.539	2.716	3.100	3.626	2.826	3.497	2.862	3.211	3.626	3.952	1.525	3.186
12	2.889	3.347	3.242	4.056	4.070	3.471	2.785	3.801	2.218	2.816	3.361	2.248	2.359	3.250	3.326	3.347	2.865	2.781	2.684	3.322	3.314	3.275	4.070	2.884	3.158
13	3.448	3.601	3.491	3.479	4.124	4.059	2.846	3.682	2.264	2.875	3.028	2.240	2.394	3.655	3.518	3.601	2.865	2.989	2.722	3.574	3.624	3.945	4.124	2.750	3.287
14	3.321	3.687	3.589	3.825	3.693	3.929	3.233	3.609	2.860	3.186	3.736	1.889	1.548	3.680	3.065	3.687	3.476	2.574	3.447	3.305	3.674	3.738	3.987	1.896	3.276
15	3.111	3.578	3.428	3.704	3.885	3.891	3.034	3.609	2.520	3.019	3.579	1.761	1.606	3.460	3.125	3.578	3.206	2.153	3.079	3.327	3.556	3.653	4.022	1.952	3.160
16	3.533	3.783	3.686	3.590	3.660	3.935	3.075	3.598	2.473	3.066	3.640	1.645	1.577	3.718	3.124	3.783	3.335	2.484	3.218	3.414	3.766	3.799	3.972	1.873	3.239
17	3.256	3.248	3.184	3.962	3.682	3.705	3.235	3.963	2.856	3.199	3.706	2.159	2.080	3.499	2.908	3.248	3.513	2.986	3.368	3.038	3.334	3.401	3.978	1.960	3.228
18	3.489	3.690	3.605	3.860	3.939	4.001	3.026	3.584	2.284	3.027	3.462	1.981	1.985	3.730	3.403	3.690	3.215	3.508	3.104	3.525	3.697	3.923	4.047	2.865	3.360
19	3.074	3.241	3.200	3.987	3.631	3.829	3.091	3.982	2.460	3.070	3.695	2.090	2.163	3.597	2.941	3.241	3.425	2.970	3.225	3.057	3.349	3.791	3.942	2.081	3.214
20	3.324	3.696	3.580	3.624	3.787	3.921	3.059	3.583	2.500	3.041	3.604	1.713	1.584	3.593	3.155	3.696	3.242	2.256	3.129	3.391	3.684	3.734	3.999	1.929	3.201
21	3.484	3.764	3.677	3.672	3.673	3.939	3.146	3.612	2.557	3.108	3.678	1.716	1.564	3.705	3.123	3.764	3.401	2.551	3.300	3.397	3.751	3.788	3.981	1.885	3.260
22	3.454	3.765	3.634	3.868	3.657	3.927	3.298	3.547	2.947	3.249	3.761	1.905	1.348	3.640	3.055	3.765	3.423	2.260	3.552	3.372	3.734	3.795	3.972	1.826	3.281
23	2.873	3.548	3.442	3.991	3.639	3.835	3.426	3.973	3.175	3.371	3.888	1.875	1.240	3.584	2.747	3.548	3.765	2.303	3.628	3.070	3.558	3.578	3.985	1.279	3.222
24	3.314	3.652	3.358	3.342	4.149	4.069	2.751	3.410	2.316	2.774	3.377	1.670	1.840	3.346	3.428	3.652	2.832	1.753	2.674	3.523	3.578	3.689	4.149	2.874	3.147
ave rage	3.172	3.466	3.368	3.836	3.767	3.860	3.127	3.770	2.654	3.105	3.652	1.920	1.763	3.550	3.036	3.466	3.379	2.592	3.234	3.219	3.491	3.650	4.008	1.988	3.211

実験4 不完全私的観測(神取ゼミの戦略のみ) 自分との対戦有り

平均利得テーブル(ステージベース平均)

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	average
1	2.979	3.652	3.533	3.575	3.900	3.908	2.762	3.428	2.420	2.771	3.176	1.852	1.442	3.597	3.189	3.652	3.017	2.232	2.790	3.345	3.640	3.775	4.019	2.362	3.126
2	3.202	3.756	3.641	3.351	3.587	3.915	2.869	2.897	2.652	2.869	3.491	1.348	1.173	3.666	3.065	3.756	3.047	1.900	2.972	3.362	3.743	3.775	3.963	2.017	3.084
3	3.251	3.746	3.637	3.379	3.625	3.921	2.860	2.902	2.592	2.848	3.440	1.426	1.272	3.655	3.091	3.746	2.983	2.172	2.944	3.366	3.729	3.785	3.970	2.193	3.106
4	2.667	2.946	2.920	3.995	3.560	3.621	3.355	3.903	3.456	3.295	3.856	1.746	1.419	3.367	2.571	2.946	3.662	3.024	3.592	2.695	3.089	3.417	3.979	1.897	3.124
5	1.615	3.210	3.020	4.074	3.755	3.645	3.211	3.485	3.225	3.174	3.752	1.713	0.798	3.191	2.630	3.210	3.450	1.169	3.331	2.887	3.205	3.280	4.061	1.428	2.938
6	2.482	3.561	3.427	3.874	3.575	3.873	3.234	3.101	3.379	3.176	3.744	1.737	0.850	3.573	2.785	3.561	3.357	1.609	3.503	3.090	3.570	3.598	3.974	1.532	3.090
7	2.354	2.903	2.823	3.986	3.685	3.693	2.861	3.613	2.683	2.854	3.562	1.878	1.806	3.310	2.813	2.903	3.121	2.458	2.911	2.846	3.026	3.593	3.985	2.232	2.996
8	2.819	3.076	2.971	3.963	3.644	3.553	3.231	3.914	3.345	3.182	3.748	1.963	1.553	3.186	2.860	3.076	3.549	2.476	3.490	2.929	3.109	3.285	3.982	2.404	3.138
9	2.205	2.711	2.606	3.957	3.627	3.820	2.762	3.756	2.659	2.756	3.483	1.961	1.952	3.398	2.772	2.711	3.127	2.223	2.726	2.745	2.879	3.667	3.966	2.327	2.950
10	2.318	2.902	2.812	3.990	3.713	3.667	2.861	3.575	2.677	2.855	3.563	1.857	1.777	3.270	2.811	2.902	3.098	2.441	2.903	2.840	2.987	3.555	3.996	2.226	2.983
11	2.687	2.805	2.720	4.013	3.448	3.727	3.201	3.839	3.190	3.153	3.710	1.815	1.752	3.383	2.575	2.805	3.424	2.374	3.350	2.637	2.966	3.590	3.932	1.714	3.034
12	2.546	3.328	3.193	3.862	3.937	3.278	2.564	3.128	2.282	2.606	3.094	2.075	2.090	3.101	3.256	3.328	2.506	2.650	2.415	3.282	3.273	3.190	3.937	3.207	3.005
13	3.131	3.534	3.385	3.172	4.102	4.025	2.580	2.971	2.289	2.624	2.672	2.090	2.120	3.556	3.502	3.534	2.464	2.792	2.411	3.524	3.543	3.963	4.102	3.224	3.138
14	2.905	3.650	3.516	3.726	3.628	3.900	3.080	2.962	3.116	3.033	3.628	1.672	1.160	3.614	2.981	3.650	3.237	2.033	3.316	3.234	3.639	3.711	3.979	2.067	3.143
15	2.567	3.518	3.321	3.507	3.820	3.824	2.850	2.788	2.689	2.838	3.425	1.511	1.186	3.351	3.032	3.518	2.937	1.663	2.867	3.243	3.473	3.608	3.992	2.132	2.986
16	3.202	3.756	3.641	3.351	3.587	3.915	2.869	2.897	2.652	2.869	3.491	1.348	1.173	3.666	3.065	3.756	3.047	1.900	2.972	3.362	3.743	3.775	3.963	2.017	3.084
17	2.846	3.007	2.913	3.941	3.629	3.502	3.059	3.771	2.991	3.025	3.540	2.044	1.890	3.303	2.816	3.007	3.201	2.604	3.149	2.869	3.124	3.252	3.969	2.216	3.069
18	3.159	3.604	3.498	3.792	3.996	3.997	2.768	2.919	2.394	2.787	3.193	1.749	1.667	3.635	3.408	3.604	2.825	3.425	2.772	3.491	3.615	3.938	4.062	3.182	3.228
19	2.592	2.980	2.919	3.946	3.567	3.794	2.882	3.767	2.650	2.875	3.537	1.960	1.921	3.487	2.820	2.980	3.178	2.592	2.965	2.871	3.140	3.764	3.933	2.253	3.057
20	2.864	3.659	3.495	3.391	3.723	3.884	2.866	2.801	2.678	2.854	3.444	1.439	1.176	3.505	3.067	3.659	2.960	1.700	2.908	3.321	3.626	3.707	3.981	2.084	3.033
21	3.124	3.739	3.629	3.478	3.598	3.913	2.953	2.947	2.771	2.922	3.533	1.432	1.168	3.653	3.037	3.739	3.132	1.976	3.087	3.329	3.715	3.768	3.969	2.030	3.110
22	3.062	3.732	3.573	3.812	3.581	3.903	3.188	2.780	3.281	3.133	3.697	1.721	0.887	3.569	2.970	3.732	3.200	1.549	3.485	3.307	3.704	3.769	3.964	1.959	3.148
23	2.181	3.490	3.358	3.989	3.563	3.768	3.357	3.852	3.460	3.298	3.842	1.713	0.798	3.499	2.628	3.490	3.672	1.569	3.580	2.955	3.501	3.531	3.982	1.427	3.104
24	2.868	3.589	3.255	2.982	4.061	3.968	2.582	2.312	2.408	2.604	3.167	1.322	1.288	3.238	3.308	3.589	2.540	1.415	2.498	3.444	3.510	3.634	4.063	2.922	2.940
ave rage	2.734	3.369	3.242	3.713	3.705	3.792	2.950	3.263	2.831	2.933	3.491	1.724	1.430	3.449	2.960	3.369	3.114	2.164	3.039	3.124	3.398	3.622	3.988	2.211	3.067

実験5 不完全私的観測(神取+尾山ゼミの戦略) 自分との対戦有り

Datetime	2015-12-29-08-02-38							
Monitoring type	private							
RandomSeed	282							
Repeats	1000							
Average ts_length	32.856							
Number of strategies	34							
Str No.	Strategy name	Average(session based)	Rank(session based)	Average(stage based)	Rank(stage based)	Average(90% trimmed)	Rank(trimmed)	備考
27	ikegami_imperfect_private.Self_Centered_private	3.366868101	1	3.218934853	2	3.363570567	1	20%
28	mhanami_Imperfect_Private_Strategy.ImPrivStrategy	3.361933787	2	3.228403533	1	3.360487839	2	2T2FT
25	iida_imperfect_private.iida_iprm	3.324539566	3	3.141753588	7	3.325417742	3	
4	kandori.Strategy4	3.303921511	4	3.182839736	4	3.297341634	5	
18	kandori.Strategy18	3.298573086	5	3.094787504	14	3.297783182	4	WSLS'
17	kandori.Strategy17	3.289954129	6	3.113827808	10	3.288660204	6	TFT'
30	gistfile1.MyStrategy	3.28804656	7	3.141913824	6	3.282892797	7	TFT'
23	kandori.Strategy23	3.28293638	8	3.132734732	8	3.278695652	8	
11	kandori.Strategy11	3.276110459	9	3.116849461	9	3.272011026	9	TFT'
19	kandori.Strategy19	3.275622813	10	3.102621153	11	3.269895466	11	TFT
34	yamagishi_imp.yamagishi	3.275622813	11	3.102621153	12	3.269895466	12	TFT
29	tsuyoshi.GrimTrigger	3.273337259	12	3.096912194	13	3.270222459	10	TFT'
31	beeleb_Strategy.beeleb	3.268154747	13	3.14303055	5	3.259247461	16	
14	kandori.Strategy14	3.265929641	14	3.074780414	17	3.264354067	13	WSLS'
32	oyama.OyamaImperfectPrivateMonitoring	3.264771416	15	3.094682769	15	3.260862029	15	TFT'
1	kandori.Strategy1	3.264351241	16	3.074011909	18	3.261286052	14	
8	kandori.Strategy8	3.261388173	17	3.201616412	3	3.245882664	18	HIST
33	ogawa.ogawa	3.257102734	18	3.08465953	16	3.253535224	17	
22	kandori.Strategy22	3.247990043	19	3.05550647	19	3.243656738	19	
6	kandori.Strategy6	3.245408946	20	3.055048142	20	3.243325069	20	WSLS'
21	kandori.Strategy21	3.231870454	21	3.020929117	22	3.229177999	21	WSLS'
3	kandori.Strategy3	3.221153715	22	3.004112867	25	3.217049236	22	WSLS'
7	kandori.Strategy7	3.220640855	23	3.032698388	21	3.213019798	23	TFT'
10	kandori.Strategy10	3.209269086	24	3.017327841	23	3.201075772	24	TFT'
16	kandori.Strategy16	3.204363061	25	2.98581287	27	3.199717966	26	WSLS
2	kandori.Strategy2	3.204363061	26	2.98581287	28	3.199717966	25	WSLS
13	kandori.Strategy13	3.199255907	27	2.993635328	26	3.19246937	27	CCDDDD
5	kandori.Strategy5	3.17071256	28	2.970803077	30	3.164647724	28	
26	kato.KatoStrategy	3.168234447	29	3.005790866	24	3.146469219	30	
20	kandori.Strategy20	3.156422163	30	2.929961758	32	3.148205881	29	WSLS'
12	kandori.Strategy12	3.154547863	31	2.957956466	31	3.133134747	31	
15	kandori.Strategy15	3.118463618	32	2.890986873	33	3.10604335	32	WSLS'
9	kandori.Strategy9	3.113619613	33	2.976513377	29	3.060425548	33	STFT
24	kandori.Strategy24	3.013624736	34	2.759430635	34	2.952215852	34	
average		3.237620722		3.058509061		3.228599817		

実験5 不完全私的観測（神取+尾山ゼミの戦略） 自分との対戦有り

平均利得テーブル(セッションベース平均)																																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	average	
1	3.347	3.703	3.614	3.793	3.834	3.909	3.041	3.817	2.363	3.030	3.513	1.965	1.682	3.667	3.171	3.703	3.388	2.670	3.162	3.396	3.690	3.774	4.000	2.011	3.187	2.378	2.875	3.284	3.678	3.784	3.656	3.450	3.291	3.162	3.264	
2	3.533	3.783	3.686	3.590	3.660	3.935	3.075	3.598	2.473	3.066	3.640	1.645	1.577	3.718	3.124	3.783	3.355	2.484	3.218	3.414	3.766	3.799	3.972	1.873	2.832	1.786	2.571	2.939	3.661	3.868	3.715	3.388	3.225	3.218	3.204	
3	3.538	3.777	3.688	3.617	3.688	3.946	3.075	3.596	2.419	3.059	3.613	1.707	1.651	3.719	3.170	3.777	3.290	2.652	3.212	3.436	3.767	3.810	3.981	2.027	2.870	1.866	2.628	2.972	3.662	3.849	3.671	3.365	3.208	3.212	3.221	
4	3.156	3.161	3.161	3.997	3.636	3.748	3.430	3.981	3.177	3.379	3.895	1.902	1.671	3.501	2.671	3.161	3.768	3.170	3.654	2.874	3.272	3.474	3.983	1.577	3.150	2.216	3.280	3.918	3.581	3.987	3.998	3.697	3.452	3.654	3.304	
5	2.397	3.332	3.203	4.065	3.798	3.754	3.314	3.910	3.007	3.278	3.836	1.875	1.241	3.365	2.747	3.332	3.615	1.892	3.434	3.025	3.341	3.382	4.053	1.280	2.717	2.050	2.700	3.970	3.334	4.048	4.084	3.583	3.409	3.434	3.171	
6	3.076	3.599	3.498	3.921	3.649	3.908	3.346	3.678	3.113	3.292	3.825	1.911	1.284	3.633	2.869	3.599	3.596	2.328	3.575	3.174	3.609	3.627	3.981	1.367	2.861	1.802	2.725	3.631	3.582	3.939	3.884	3.581	3.307	3.575	3.245	
7	2.855	3.146	3.079	4.021	3.748	3.782	3.067	3.957	2.502	3.050	3.715	2.044	2.073	3.458	2.948	3.146	3.379	2.808	3.148	3.038	3.239	3.644	3.998	2.063	3.220	2.413	2.820	3.476	3.542	3.994	4.066	3.439	3.476	3.148	3.221	
8	3.170	3.096	3.028	3.991	3.655	3.627	3.416	3.983	3.187	3.363	3.871	2.018	1.535	3.278	2.690	3.096	3.755	2.682	3.656	2.858	3.146	3.199	3.982	1.496	3.135	2.344	3.540	3.936	3.355	3.980	3.988	3.693	3.485	3.656	3.261	
9	2.515	2.761	2.660	4.073	3.802	3.938	2.870	4.078	2.517	2.874	3.702	2.125	2.278	3.435	2.886	2.761	3.426	2.341	2.798	2.820	2.903	3.554	4.064	2.369	3.102	2.116	2.099	3.556	3.495	4.066	4.134	3.384	3.564	2.798	3.114	
10	2.839	3.135	3.062	4.027	3.773	3.764	3.067	3.948	2.503	3.048	3.712	2.030	2.052	3.427	2.950	3.135	3.364	2.783	3.133	3.034	3.210	3.611	4.006	2.057	3.178	2.390	2.762	3.465	3.537	4.001	4.074	3.425	3.480	3.133	3.209	
11	3.131	3.100	3.048	4.009	3.564	3.819	3.334	3.978	2.997	3.285	3.800	1.960	1.972	3.539	2.716	3.100	3.626	2.826	3.497	2.862	3.211	3.626	3.952	1.525	3.328	2.385	3.234	3.815	3.576	3.969	4.017	3.606	3.487	3.497	3.276	
12	2.889	3.347	3.242	4.056	4.070	3.471	2.785	3.801	2.218	2.816	3.361	2.248	2.359	3.250	3.326	3.347	2.865	2.781	2.684	3.322	3.314	3.275	4.070	2.884	2.953	2.275	2.361	3.297	3.383	4.110	3.883	3.080	3.449	2.684	3.155	
13	3.448	3.601	3.491	3.479	4.124	4.059	2.846	3.682	2.264	2.875	3.028	2.240	2.394	3.655	3.518	3.601	2.865	2.989	2.722	3.574	3.624	3.945	4.124	2.750	3.018	2.391	2.537	2.803	3.684	3.590	3.140	3.030	2.962	2.722	3.199	
14	3.321	3.687	3.589	3.825	3.693	3.929	3.233	3.609	2.860	3.186	3.736	1.889	1.548	3.680	3.065	3.687	3.476	2.574	3.447	3.305	3.674	3.738	3.987	1.896	2.915	1.868	2.729	3.359	3.628	3.892	3.796	3.489	3.283	3.447	3.266	
15	3.111	3.578	3.428	3.704	3.885	3.891	3.034	3.609	2.520	3.019	3.579	1.761	1.606	3.460	3.125	3.578	3.206	2.153	3.079	3.327	3.556	3.653	4.022	1.952	2.556	1.930	2.074	2.925	3.426	3.881	3.837	3.256	3.232	3.079	3.118	
16	3.533	3.783	3.686	3.590	3.660	3.935	3.075	3.598	2.473	3.066	3.640	1.645	1.577	3.718	3.124	3.783	3.335	2.484	3.218	3.414	3.766	3.799	3.972	1.873	2.832	1.786	2.571	2.939	3.661	3.868	3.715	3.388	3.225	3.218	3.204	
17	3.256	3.248	3.184	3.962	3.682	3.705	3.235	3.963	2.856	3.199	3.706	2.159	2.080	3.499	2.908	3.248	3.513	2.986	3.368	3.038	3.334	3.401	3.978	1.960	3.286	2.418	3.200	3.602	3.614	3.936	3.999	3.551	3.415	3.368	3.290	
18	3.489	3.690	3.605	3.860	3.939	4.001	3.026	3.584	2.284	3.027	3.462	1.981	1.985	3.730	3.403	3.690	3.215	3.508	3.104	3.525	3.697	3.923	4.047	2.865	3.119	2.117	2.806	3.010	3.721	3.758	3.410	3.279	3.188	3.104	3.299	
19	3.074	3.241	3.200	3.987	3.631	3.829	3.091	3.982	2.460	3.070	3.695	2.090	2.163	3.597	2.941	3.241	3.425	2.970	3.225	3.057	3.349	3.791	3.942	2.081	3.384	2.478	3.086	3.422	3.656	3.960	4.022	3.525	3.480	3.225	3.276	
20	3.324	3.696	3.580	3.624	3.787	3.921	3.059	3.583	2.500	3.041	3.604	1.713	1.584	3.593	3.155	3.696	3.242	2.256	3.129	3.391	3.684	3.734	3.999	1.929	2.636	1.870	2.272	2.885	3.533	3.858	3.770	3.329	3.211	3.129	3.156	
21	3.484	3.764	3.677	3.672	3.673	3.939	3.146	3.612	2.557	3.108	3.678	1.716	1.564	3.705	3.123	3.764	3.401	2.551	3.300	3.397	3.751	3.788	3.981	1.885	2.849	1.837	2.661	3.098	3.657	3.867	3.741	3.412	3.226	3.300	3.232	
22	3.454	3.765	3.634	3.868	3.657	3.927	3.298	3.547	2.947	3.249	3.761	1.905	1.348	3.640	3.055	3.765	3.423	2.260	3.552	3.372	3.734	3.795	3.972	1.826	2.691	1.651	2.432	3.365	3.559	3.891	3.816	3.481	3.239	3.552	3.248	
23	2.873	3.548	3.442	3.991	3.639	3.835	3.426	3.973	3.175	3.371	3.888	1.875	1.240	3.584	2.747	3.548	3.765	2.303	3.628	3.070	3.558	3.578	3.985	1.279	3.011	2.049	3.045	3.942	3.565	3.983	4.000	3.715	3.361	3.628	3.283	
24	3.314	3.652	3.358	3.342	4.149	4.069	2.751	3.410	2.316	2.774	3.377	1.670	1.840	3.346	3.428	3.652	2.832	1.753	2.674	3.523	3.578	3.689	4.149	2.874	2.038	1.618	1.589	2.167	3.322	3.816	3.629	3.009	3.080	2.674	3.014	
25	3.120	3.509	3.411	4.000	3.932	3.821	3.129	3.747	2.647	3.098	3.709	1.966	1.969	3.543	3.203	3.509	3.379	2.992	3.333	3.318	3.511	3.695	4.069	2.762	3.155	2.318	2.954	3.476	3.560	4.004	3.984	3.414	3.465	3.333	3.325	
26	2.709	3.248	3.133	3.949	4.162	3.755	2.876	3.845	2.217	2.889	3.405	2.239	2.258	3.370	3.274	3.248	3.026	2.683	2.849	3.243	3.246	3.526	4.164	2.919	2.799	2.318	2.264	3.373	3.404	3.963	3.823	3.155	3.538	2.849	3.168	
27	3.433	3.611	3.520	3.818	3.832	3.907	3.060	3.985	2.211	3.045	3.539	2.240	2.287	3.660	3.402	3.611	3.365	3.183	3.190	3.476	3.613	3.831	4.015	2.953	3.288	2.398	3.319	3.475	3.680	3.840	3.760	3.472	3.267	3.190	3.367	
28	3.296	3.499	3.438	3.974	3.640	3.662	3.265	3.985	2.910	3.235	3.818	2.095	2.121	3.454	3.028	3.499	3.552	3.119	3.360	3.218	3.488	3.346	3.980	2.509	3.241	2.406	3.338	3.803	3.626	3.974	3.977	3.582	3.507	3.360	3.362	
29	3.270	3.597	3.499	3.872	3.711	3.894	3.268	3.640	2.888	3.231	3.743	1.931	1.529	3.618	3.010	3.597	3.564	2.798	3.479	3.256	3.606	3														

平均利得テーブル(ステージベース平均)																																				
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	average	
1	2.979	3.652	3.533	3.575	3.900	3.908	2.762	3.428	2.420	2.771	3.176	1.852	1.442	3.597	3.189	3.652	3.017	2.232	2.790	3.345	3.640	3.775	4.019	2.362	2.878	2.125	2.479	2.868	3.575	3.622	3.285	3.091	2.788	2.790	3.074	
2	3.202	3.756	3.641	3.351	3.587	3.915	2.869	2.897	2.652	2.869	3.491	1.348	1.173	3.666	3.065	3.756	3.047	1.900	2.972	3.362	3.743	3.775	3.963	2.017	2.315	1.336	1.951	2.392	3.570	3.805	3.512	3.082	2.566	2.972	2.986	
3	3.251	3.746	3.637	3.379	3.625	3.921	2.860	2.902	2.592	2.848	3.440	1.426	1.272	3.655	3.091	3.746	2.983	2.172	2.944	3.366	3.729	3.785	3.970	2.193	2.361	1.428	2.040	2.415	3.563	3.782	3.450	3.050	2.572	2.944	3.004	
4	2.667	2.946	2.920	3.995	3.560	3.621	3.355	3.903	3.456	3.295	3.856	1.746	1.419	3.367	2.571	2.946	3.662	3.024	3.592	2.695	3.089	3.417	3.979	1.897	2.820	1.860	3.166	3.886	3.471	3.983	3.999	3.596	2.867	3.592	3.183	
5	1.615	3.210	3.020	4.074	3.755	3.645	3.211	3.485	3.225	3.174	3.752	1.713	0.798	3.191	2.630	3.210	3.450	1.169	3.331	2.887	3.205	3.280	4.061	1.428	2.145	1.493	2.166	3.946	3.154	4.054	4.100	3.437	2.662	3.331	2.971	
6	2.482	3.561	3.427	3.874	3.575	3.873	3.234	3.101	3.379	3.176	3.744	1.737	0.850	3.573	2.785	3.561	3.357	1.609	3.503	3.090	3.570	3.598	3.974	1.532	2.267	1.252	2.142	3.377	3.481	3.906	3.795	3.414	2.570	3.503	3.055	
7	2.354	2.903	2.823	3.986	3.685	3.693	2.861	3.613	2.683	2.854	3.562	1.878	1.806	3.310	2.813	2.903	3.121	2.458	2.911	2.846	3.026	3.593	3.985	2.232	2.965	2.096	2.426	3.213	3.416	3.983	4.046	3.188	2.970	2.911	3.033	
8	2.819	3.076	2.971	3.963	3.644	3.553	3.231	3.914	3.345	3.182	3.748	1.963	1.553	3.186	2.860	3.076	3.549	2.476	3.490	2.929	3.109	3.285	3.982	2.404	2.841	2.145	3.561	3.851	3.254	3.956	3.941	3.516	2.993	3.490	3.202	
9	2.205	2.711	2.606	3.957	3.627	3.820	2.762	3.756	2.659	2.756	3.483	1.961	1.952	3.398	2.772	2.711	3.127	2.223	2.726	2.745	2.879	3.667	3.966	2.327	3.026	1.924	1.911	3.213	3.461	3.972	4.025	3.130	3.015	2.726	2.977	
10	2.318	2.902	2.812	3.990	3.713	3.667	2.861	3.575	2.677	2.855	3.563	1.857	1.777	3.270	2.811	2.902	3.098	2.441	2.903	2.840	2.987	3.555	3.996	2.226	2.910	2.067	2.359	3.189	3.393	3.988	4.050	3.170	2.964	2.903	3.017	
11	2.687	2.805	2.720	4.013	3.448	3.727	3.201	3.839	3.190	3.153	3.710	1.815	1.752	3.383	2.575	2.805	3.424	2.374	3.350	2.637	2.966	3.590	3.932	1.714	3.080	2.104	3.059	3.720	3.465	3.952	4.023	3.434	2.978	3.350	3.117	
12	2.546	3.328	3.193	3.862	3.937	3.278	2.564	3.128	2.282	2.606	3.094	2.075	2.090	3.101	3.256	3.328	2.506	2.650	2.415	3.282	3.273	3.190	3.937	3.207	2.722	2.081	2.092	2.772	3.249	4.006	3.503	2.685	2.916	2.415	2.958	
13	3.131	3.534	3.385	3.172	4.102	4.025	2.580	2.971	2.289	2.624	2.672	2.090	2.120	3.556	3.502	3.534	2.464	2.792	2.411	3.524	3.543	3.963	4.102	3.224	2.757	2.162	2.186	2.336	3.562	3.375	2.593	2.592	2.499	2.411	2.994	
14	2.905	3.650	3.516	3.726	3.628	3.900	3.080	2.962	3.116	3.033	3.628	1.672	1.160	3.614	2.981	3.650	3.237	2.033	3.316	3.234	3.639	3.711	3.979	2.067	2.399	1.405	2.128	2.980	3.526	3.839	3.652	3.240	2.621	3.316	3.075	
15	2.567	3.518	3.321	3.507	3.820	3.824	2.850	2.788	2.689	2.838	3.425	1.511	1.186	3.351	3.032	3.518	2.937	1.663	2.867	3.243	3.473	3.608	3.992	2.132	2.057	1.447	1.489	2.486	3.271	3.810	3.679	2.958	2.567	2.867	2.891	
16	3.202	3.756	3.641	3.351	3.587	3.915	2.869	2.897	2.652	2.869	3.491	1.348	1.173	3.666	3.065	3.756	3.047	1.900	2.972	3.362	3.743	3.775	3.963	2.017	2.315	1.336	1.951	2.392	3.570	3.805	3.512	3.082	2.566	2.972	2.986	
17	2.846	3.007	2.913	3.941	3.629	3.502	3.059	3.771	2.991	3.025	3.540	2.044	1.890	3.303	2.816	3.007	3.201	2.604	3.149	2.869	3.124	3.252	3.969	2.216	2.982	2.170	2.958	3.319	3.503	3.895	3.992	3.318	2.919	3.149	3.114	
18	3.159	3.604	3.498	3.792	3.996	3.997	2.768	2.919	2.394	2.787	3.193	1.749	1.667	3.635	3.408	3.604	2.825	3.425	2.772	3.491	3.615	3.938	4.062	3.182	2.725	1.775	2.274	2.450	3.619	3.629	2.976	2.897	2.626	2.772	3.095	
19	2.592	2.980	2.919	3.946	3.567	3.794	2.882	3.767	2.650	2.875	3.537	1.960	1.921	3.487	2.820	2.980	3.178	2.592	2.965	2.871	3.140	3.764	3.933	2.253	3.193	2.204	2.795	3.172	3.543	3.948	3.996	3.292	3.008	2.965	3.103	
20	2.864	3.659	3.495	3.391	3.723	3.884	2.866	2.801	2.678	2.854	3.444	1.439	1.176	3.505	3.067	3.659	2.960	1.700	2.908	3.321	3.626	3.707	3.981	2.084	2.117	1.385	1.651	2.402	3.404	3.793	3.591	3.022	2.556	2.908	2.930	
21	3.124	3.739	3.629	3.478	3.598	3.913	2.953	2.947	2.771	2.922	3.533	1.432	1.168	3.653	3.037	3.739	3.132	1.976	3.087	3.329	3.715	3.768	3.969	2.030	2.314	1.358	2.061	2.609	3.571	3.814	3.563	3.123	2.569	3.087	3.021	
22	3.062	3.732	3.573	3.812	3.581	3.903	3.188	2.780	3.281	3.133	3.697	1.721	0.887	3.569	2.970	3.732	3.200	1.549	3.485	3.307	3.704	3.769	3.964	1.959	2.091	1.125	1.746	3.089	3.432	3.851	3.701	3.288	2.521	3.485	3.056	
23	2.181	3.490	3.358	3.989	3.563	3.768	3.357	3.852	3.460	3.298	3.842	1.713	0.798	3.499	2.628	3.490	3.672	1.569	3.580	2.955	3.501	3.531	3.982	1.427	2.483	1.493	2.818	3.928	3.478	3.978	4.000	3.630	2.621	3.580	3.133	
24	2.868	3.589	3.255	2.982	4.061	3.968	2.582	2.312	2.408	2.604	3.167	1.322	1.288	3.238	3.308	3.589	2.540	1.415	2.498	3.444	3.510	3.634	4.063	2.922	1.669	1.223	1.195	1.637	3.104	3.655	3.219	2.638	2.417	2.498	2.759	
25	2.583	3.360	3.213	3.932	4.034	3.765	2.918	3.210	2.864	2.891	3.562	1.785	1.692	3.384	3.185	3.360	3.061	2.620	3.125	3.237	3.358	3.642	4.124	3.122	2.759	1.946	2.491	3.172	3.394	4.003	3.886	3.075	2.939	3.125	3.142	
26	2.402	3.339	3.196	3.591	4.120	3.800	2.641	3.239	2.272	2.672	2.984	2.073	2.043	3.373	3.330	3.339	2.600	2.632	2.542	3.337	3.342	3.717	4.122	3.276	2.630	2.123	2.049	2.803	3.392	3.699	3.253	2.733	2.991	2.542	3.006	
27	3.072	3.502	3.382	3.721	3.849	3.860	2.802	3.793	2.267	2.804	3.348	2.090	2.071	3.537	3.425	3.502	3.080	2.909	2.924	3.444	3.506	3.825	4.015	3.302	2.989	2.164	3.172	3.268	3.554	3.772	3.596	3.183	2.792	2.924	3.219	
28	2.923	3.399	3.298	3.960	3.563	3.440	3.090	3.901	3.026	3.066	3.725	2.009	1.976	3.208	3.003	3.399	3.273	2.838	3.141	3.146	3.359	3.151	3.973	2.960	2.899	2.210	3.203	3.625	3.526	3.959	3.964	3.363	3.047	3.141	3.228	
29	2.800	3.538	3.401	3.798	3.654	3.846	3.126	3.042	3.159	3.084	3.645	1.739	1.157	3.514	2.919	3.538	3.384	2.377	3.345	3.163	3.53															

実験5 不完全私的観測(神取+尾山ゼミの戦略) 自分との対戦有り

タイプ別平均1						
	WSLS	TFT	ALLD	Other kandori	Other oyama	total average
WSLS	3.485347614	3.294184513	1.597288599	3.241082345	2.844703858	3.216283083
TFT	3.217917263	3.418662665	1.999373767	3.280819084	3.198661754	3.258993526
ALLD	3.568115816	2.947953446	2.393956929	3.474086488	2.80950435	3.199255907
Other kandori	3.281705328	3.384906732	1.61449243	3.243862807	2.977608253	3.212434063
Other oyama	3.290522046	3.369423514	2.085169256	3.355591673	3.161811508	3.276979919
total	3.324693738	3.356684553	1.826601514	3.278285245	3.036089469	3.237620722

タイプ別平均2							
	WSLS	TFT	ALLD	Prob	Other kandori	Other oyama	total average
WSLS	3.485347614	3.294184513	1.597288599	2.559611894	3.241082345	2.915976849	3.216283083
TFT	3.217917263	3.418662665	1.999373767	2.99366014	3.280819084	3.249912158	3.258993526
ALLD	3.568115816	2.947953446	2.393956929	2.536744069	3.474086488	2.87769442	3.199255907
Prob	3.553529215	3.278944542	2.286598783	3.318680869	3.513118831	3.178283059	3.366868101
Other kandori	3.281705328	3.384906732	1.61449243	2.727741801	3.243862807	3.040074867	3.212434063
Other oyama	3.224770254	3.392043256	2.034811875	2.927390992	3.316209883	3.206494414	3.254507873
total	3.324693738	3.356684553	1.826601514	2.80452035	3.278285245	3.093981748	3.237620722