

実験1 完全観測 自分との対戦無し

| | | | | | | |
|----------------------|---------------------------------------|------------------------|---------------------|----------------------|-------------------|------|
| Datetime | 2015-12-04-18-23-58 | | | | | |
| 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 | 3.785542333 | 1 | 3.69566526 | 1 | TFT |
| 4 | ikegami_perfect.Self_Centered_perfect | 3.709163441 | 2 | 3.569823202 | 2 | 30% |
| 7 | beeleb_Strategy.beeleb | 3.707132242 | 3 | 3.56862944 | 3 | |
| 2 | mhanami_Public_Strategy.PubStrategy | 3.695745756 | 4 | 3.560563942 | 4 | TFT' |
| 8 | oyama.OyamaPerfectMonitoring | 3.695585282 | 5 | 3.560097259 | 5 | GT |
| 6 | gistfile1.MyStrategy | 3.689240046 | 6 | 3.521959459 | 6 | TFT' |
| 1 | Iida_perfect_monitoring.Iida_pm | 3.638486141 | 7 | 3.386765144 | 8 | |
| 5 | tsuyoshi.GrimTrigger | 3.617644214 | 8 | 3.408783784 | 7 | TFT' |
| 9 | ogawa.ogawa | 3.479693556 | 9 | 3.13531775 | 9 | |
| 3 | kato.KatoStrategy | 3.046090794 | 10 | 2.713737386 | 10 | |
| | | | | | | |
| average | | 3.60643238 | | 3.412134263 | | |

実験1 完全観測 自分との対戦無し

| 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 | | 3.396 | 2.514 | 3.952 | 3.807 | 4.146 | 4.146 | 3.394 | 3.588 | 3.803 | 3.638 |
| 2 | 3.519 | | 2.428 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.315 | 4.000 | 3.696 |
| 3 | 2.912 | 2.234 | | 2.292 | 3.408 | 3.973 | 3.814 | 2.234 | 3.641 | 2.906 | 3.046 |
| 4 | 3.463 | 4.000 | 2.460 | | 4.000 | 4.000 | 4.000 | 4.000 | 3.459 | 4.000 | 3.709 |
| 5 | 3.292 | 4.000 | 1.893 | 4.000 | | 4.000 | 4.000 | 4.000 | 3.374 | 4.000 | 3.618 |
| 6 | 3.415 | 4.000 | 2.310 | 4.000 | 4.000 | | 4.000 | 4.000 | 3.479 | 4.000 | 3.689 |
| 7 | 3.415 | 4.000 | 2.416 | 4.000 | 4.000 | 4.000 | | 4.000 | 3.534 | 4.000 | 3.707 |
| 8 | 3.518 | 4.000 | 2.428 | 4.000 | 4.000 | 4.000 | 4.000 | | 3.315 | 4.000 | 3.696 |
| 9 | 3.257 | 3.254 | 2.501 | 3.904 | 3.792 | 3.897 | 3.815 | 3.254 | | 3.643 | 3.480 |
| 10 | 3.784 | 4.000 | 2.690 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.595 | | 3.786 |
| average | 3.397 | 3.654 | 2.404 | 3.794 | 3.890 | 4.002 | 3.975 | 3.654 | 3.478 | 3.817 | 3.606 |

| 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 | | 2.794 | 2.198 | 3.695 | 3.627 | 4.285 | 4.285 | 2.788 | 3.107 | 3.702 | 3.387 |
| 2 | 3.055 | | 2.170 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 2.820 | 4.000 | 3.561 |
| 3 | 2.491 | 2.037 | | 2.066 | 3.418 | 3.595 | 3.211 | 2.037 | 3.044 | 2.524 | 2.714 |
| 4 | 3.009 | 4.000 | 2.194 | | 4.000 | 4.000 | 4.000 | 4.000 | 2.926 | 4.000 | 3.570 |
| 5 | 2.569 | 4.000 | 1.402 | 4.000 | | 4.000 | 4.000 | 4.000 | 2.708 | 4.000 | 3.409 |
| 6 | 2.859 | 4.000 | 1.930 | 4.000 | 4.000 | | 4.000 | 4.000 | 2.908 | 4.000 | 3.522 |
| 7 | 2.859 | 4.000 | 2.186 | 4.000 | 4.000 | 4.000 | | 4.000 | 3.072 | 4.000 | 3.569 |
| 8 | 3.051 | 4.000 | 2.170 | 4.000 | 4.000 | 4.000 | 4.000 | | 2.820 | 4.000 | 3.560 |
| 9 | 2.805 | 2.767 | 2.276 | 3.618 | 3.684 | 3.666 | 3.418 | 2.767 | | 3.217 | 3.135 |
| 10 | 3.686 | 4.000 | 2.418 | 4.000 | 4.000 | 4.000 | 4.000 | 4.000 | 3.157 | | 3.696 |
| average | 2.932 | 3.511 | 2.105 | 3.709 | 3.859 | 3.950 | 3.879 | 3.510 | 2.951 | 3.716 | 3.412 |

実験2 不完全公的観測 自分との対戦無し

| | | | | | | |
|----------------------|---|------------------------|---------------------|----------------------|-------------------|------|
| Datetime | 2015-12-04-19-27-41 | | | | | |
| 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 | 3.426505902 | 1 | 3.085798636 | 1 | ALLD |
| 3 | kato.KatoStrategy | 3.300688557 | 2 | 3.082721235 | 2 | |
| 4 | ikegami_imperfect_public.Self_Centered_public | 3.204767877 | 3 | 3.024595541 | 4 | 25% |
| 8 | oyama.OyamaImperfectPublicMonitoring | 3.164308602 | 4 | 3.06851446 | 3 | GT' |
| 1 | lida_imperfect_public.lida_ipm | 3.15370844 | 5 | 2.949672646 | 5 | |
| 10 | yamagishi_impd.yamagishi | 3.060373179 | 6 | 2.824435922 | 7 | TFT |
| 9 | ogawa.ogawa | 3.02123959 | 7 | 2.910746896 | 6 | |
| 5 | tsuyoshi.GrimTrigger | 2.873939966 | 8 | 2.566333225 | 8 | TFT' |
| 7 | beeleb_Strategy.beeleb | 2.80155086 | 9 | 2.545187079 | 9 | |
| 6 | gistfile1.MyStrategy | 2.781473904 | 10 | 2.45014271 | 10 | TFT' |
| | | | | | | |
| average | | 3.078855688 | | 2.850814835 | | |

実験2 不完全公的観測 自分との対戦無し

| 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 | | 1.283 | 2.175 | 3.073 | 3.767 | 4.099 | 4.080 | 3.118 | 3.460 | 3.329 | 3.154 |
| 2 | 3.076 | | 2.473 | 2.593 | 4.045 | 4.412 | 4.283 | 3.088 | 3.678 | 3.190 | 3.427 |
| 3 | 3.005 | 1.684 | | 2.824 | 3.821 | 4.251 | 4.185 | 3.113 | 3.621 | 3.202 | 3.301 |
| 4 | 3.117 | 1.604 | 2.296 | | 3.749 | 4.046 | 4.014 | 3.225 | 3.423 | 3.369 | 3.205 |
| 5 | 2.743 | 0.636 | 1.742 | 3.017 | | 3.999 | 4.062 | 2.927 | 3.319 | 3.420 | 2.874 |
| 6 | 2.636 | 0.392 | 1.661 | 3.114 | 3.576 | | 3.990 | 2.912 | 3.296 | 3.455 | 2.781 |
| 7 | 2.621 | 0.478 | 1.753 | 3.128 | 3.539 | 3.969 | | 2.954 | 3.342 | 3.430 | 2.802 |
| 8 | 3.107 | 1.275 | 2.253 | 3.175 | 3.745 | 4.071 | 3.997 | | 3.511 | 3.344 | 3.164 |
| 9 | 2.892 | 0.881 | 2.005 | 3.175 | 3.668 | 4.049 | 4.002 | 3.126 | | 3.392 | 3.021 |
| 10 | 3.002 | 1.207 | 2.043 | 3.103 | 3.737 | 3.959 | 3.998 | 3.133 | 3.362 | | 3.060 |
| average | 2.911 | 1.049 | 2.045 | 3.022 | 3.739 | 4.095 | 4.068 | 3.066 | 3.446 | 3.348 | 3.079 |

| 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 | | 1.493 | 1.927 | 2.670 | 3.716 | 4.148 | 4.027 | 2.523 | 2.939 | 3.105 | 2.950 |
| 2 | 2.761 | | 2.166 | 2.200 | 3.898 | 4.285 | 3.929 | 2.488 | 3.087 | 2.960 | 3.086 |
| 3 | 2.725 | 1.890 | | 2.427 | 3.791 | 4.238 | 3.992 | 2.568 | 3.125 | 2.990 | 3.083 |
| 4 | 2.759 | 1.867 | 2.126 | | 3.673 | 4.053 | 3.943 | 2.714 | 2.892 | 3.194 | 3.025 |
| 5 | 2.177 | 0.735 | 1.311 | 2.705 | | 3.990 | 4.053 | 2.206 | 2.618 | 3.303 | 2.566 |
| 6 | 2.009 | 0.477 | 1.185 | 2.870 | 3.463 | | 3.983 | 2.179 | 2.533 | 3.352 | 2.450 |
| 7 | 2.058 | 0.714 | 1.396 | 3.039 | 3.435 | 3.963 | | 2.304 | 2.652 | 3.346 | 2.545 |
| 8 | 2.817 | 1.675 | 2.140 | 2.970 | 3.746 | 4.126 | 3.923 | | 3.064 | 3.155 | 3.069 |
| 9 | 2.571 | 1.275 | 1.866 | 2.931 | 3.656 | 4.111 | 3.942 | 2.646 | | 3.200 | 2.911 |
| 10 | 2.577 | 1.360 | 1.749 | 2.841 | 3.684 | 3.936 | 3.939 | 2.544 | 2.789 | | 2.824 |
| average | 2.495 | 1.276 | 1.763 | 2.739 | 3.674 | 4.094 | 3.970 | 2.463 | 2.856 | 3.178 | 2.851 |

実験3 不完全私的観測(尾山ゼミの戦略のみ) 自分との対戦無し

| | | | | | | |
|----------------------|---|------------------------|---------------------|----------------------|-------------------|-------|
| Datetime | 2015-12-05-00-14-04 | | | | | |
| 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 | 3.458461687 | 1 | 3.293973027 | 1 | |
| 10 | yamagishi_impd.yamagishi | 3.445953725 | 2 | 3.239141168 | 3 | TFT |
| 2 | mhanami_Imperfect_Private_Strategy.ImPrivStrategy | 3.445605137 | 3 | 3.256924154 | 2 | 2T2FT |
| 6 | gistfile1.MyStrategy | 3.426852855 | 4 | 3.213336647 | 4 | TFT' |
| 8 | oyama.OyamaImperfectPrivateMonitoring | 3.405064024 | 5 | 3.178198469 | 5 | TFT' |
| 1 | lida_imperfect_private.lida_iprm | 3.389575102 | 6 | 3.114596015 | 7 | |
| 9 | ogawa.ogawa | 3.389554064 | 7 | 3.095465398 | 8 | |
| 4 | ikegami_imperfect_private.Self_Centered_private | 3.374520784 | 8 | 3.137879433 | 6 | 20% |
| 5 | tsuyoshi.GrimTrigger | 3.244853934 | 9 | 2.928183251 | 9 | TFT' |
| 3 | kato.KatoStrategy | 3.240895862 | 10 | 2.899218475 | 10 | |
| | | | | | | |
| average | | 3.382133717 | | 3.135691604 | | |

実験3 不完全私的観測(尾山ゼミの戦略のみ) 自分との対戦無し

| 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 | | 3.476 | 2.318 | 2.954 | 3.560 | 4.004 | 3.984 | 3.414 | 3.465 | 3.333 | 3.390 |
| 2 | 3.241 | | 2.406 | 3.338 | 3.626 | 3.974 | 3.977 | 3.582 | 3.507 | 3.360 | 3.446 |
| 3 | 2.799 | 3.373 | | 2.264 | 3.404 | 3.963 | 3.823 | 3.155 | 3.538 | 2.849 | 3.241 |
| 4 | 3.288 | 3.475 | 2.398 | | 3.680 | 3.840 | 3.760 | 3.472 | 3.267 | 3.190 | 3.375 |
| 5 | 2.922 | 3.555 | 1.920 | 2.801 | | 3.904 | 3.823 | 3.516 | 3.283 | 3.479 | 3.245 |
| 6 | 3.110 | 3.934 | 2.205 | 3.255 | 3.567 | | 3.998 | 3.687 | 3.429 | 3.656 | 3.427 |
| 7 | 3.126 | 3.935 | 2.336 | 3.402 | 3.487 | 3.985 | | 3.674 | 3.503 | 3.679 | 3.458 |
| 8 | 3.227 | 3.634 | 2.375 | 3.249 | 3.524 | 3.924 | 3.890 | | 3.407 | 3.415 | 3.405 |
| 9 | 3.122 | 3.688 | 2.420 | 3.090 | 3.543 | 3.916 | 3.832 | 3.506 | | 3.390 | 3.390 |
| 10 | 3.384 | 3.422 | 2.478 | 3.086 | 3.656 | 3.960 | 4.022 | 3.525 | 3.480 | | 3.446 |
| average | 3.135 | 3.610 | 2.317 | 3.049 | 3.561 | 3.941 | 3.901 | 3.503 | 3.431 | 3.372 | 3.382 |

| 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 | | 3.172 | 1.946 | 2.491 | 3.394 | 4.003 | 3.886 | 3.075 | 2.939 | 3.125 | 3.115 |
| 2 | 2.899 | | 2.210 | 3.203 | 3.526 | 3.959 | 3.964 | 3.363 | 3.047 | 3.141 | 3.257 |
| 3 | 2.630 | 2.803 | | 2.049 | 3.392 | 3.699 | 3.253 | 2.733 | 2.991 | 2.542 | 2.899 |
| 4 | 2.989 | 3.268 | 2.164 | | 3.554 | 3.772 | 3.596 | 3.183 | 2.792 | 2.924 | 3.138 |
| 5 | 2.417 | 3.345 | 1.457 | 2.285 | | 3.862 | 3.710 | 3.313 | 2.621 | 3.345 | 2.928 |
| 6 | 2.684 | 3.902 | 1.785 | 3.092 | 3.439 | | 3.999 | 3.609 | 2.814 | 3.597 | 3.213 |
| 7 | 2.759 | 3.911 | 2.113 | 3.365 | 3.336 | 3.982 | | 3.535 | 3.017 | 3.629 | 3.294 |
| 8 | 2.895 | 3.399 | 2.115 | 3.043 | 3.365 | 3.891 | 3.770 | | 2.909 | 3.217 | 3.178 |
| 9 | 2.817 | 3.267 | 2.200 | 2.719 | 3.452 | 3.752 | 3.471 | 3.134 | | 3.048 | 3.095 |
| 10 | 3.193 | 3.172 | 2.204 | 2.795 | 3.543 | 3.948 | 3.996 | 3.292 | 3.008 | | 3.239 |
| average | 2.809 | 3.360 | 2.021 | 2.782 | 3.445 | 3.874 | 3.738 | 3.248 | 2.904 | 3.174 | 3.136 |

実験4 不完全私的観測(神取ゼミの戦略のみ) 自分との対戦無し

| Datetime | 2015-12-05-01-07-37 | | | | | | | |
|----------------------|---------------------|------------------------|---------------------|----------------------|-------------------|----------------------|---------------|--------|
| 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 | 3.35352416 | 1 | 3.219810292 | 1 | 3.354223602 | 1 | WSLS' |
| 13 | kandori.Strategy13 | 3.326308014 | 2 | 3.182248494 | 2 | 3.327682945 | 2 | CCDDDD |
| 22 | kandori.Strategy22 | 3.259068663 | 3 | 3.121244482 | 5 | 3.254935011 | 4 | |
| 14 | kandori.Strategy14 | 3.258886509 | 4 | 3.122727237 | 4 | 3.256160683 | 3 | WSLS' |
| 1 | kandori.Strategy1 | 3.256299103 | 5 | 3.132024724 | 3 | 3.250285117 | 5 | |
| 3 | kandori.Strategy3 | 3.240387724 | 6 | 3.082433491 | 9 | 3.236639676 | 6 | WSLS' |
| 21 | kandori.Strategy21 | 3.238405281 | 7 | 3.083776638 | 8 | 3.235193757 | 7 | WSLS' |
| 2 | kandori.Strategy2 | 3.215812884 | 8 | 3.054822228 | 14 | 3.210963579 | 9 | WSLS |
| 16 | kandori.Strategy16 | 3.215812884 | 9 | 3.054822228 | 15 | 3.210963579 | 10 | WSLS |
| 17 | kandori.Strategy17 | 3.215547504 | 10 | 3.063675088 | 11 | 3.21302084 | 8 | TFT' |
| 19 | kandori.Strategy19 | 3.213334955 | 11 | 3.06115156 | 12 | 3.207154339 | 11 | TFT |
| 6 | kandori.Strategy6 | 3.197763649 | 12 | 3.056192503 | 13 | 3.193193311 | 12 | WSLS' |
| 12 | kandori.Strategy12 | 3.197073568 | 13 | 3.045809911 | 16 | 3.178046947 | 16 | |
| 20 | kandori.Strategy20 | 3.192768288 | 14 | 3.020367533 | 17 | 3.186697798 | 13 | WSLS' |
| 4 | kandori.Strategy4 | 3.191465329 | 15 | 3.086214152 | 7 | 3.181888575 | 14 | |
| 23 | kandori.Strategy23 | 3.188569289 | 16 | 3.06617612 | 10 | 3.180589184 | 15 | |
| 7 | kandori.Strategy7 | 3.166979223 | 17 | 3.001625671 | 19 | 3.158844309 | 17 | TFT' |
| 15 | kandori.Strategy15 | 3.161225612 | 18 | 2.983885545 | 21 | 3.151458884 | 19 | WSLS' |
| 11 | kandori.Strategy11 | 3.159787981 | 19 | 3.004255063 | 18 | 3.154021739 | 18 | TFT' |
| 24 | kandori.Strategy24 | 3.158548933 | 20 | 2.940998137 | 23 | 3.101466013 | 21 | |
| 10 | kandori.Strategy10 | 3.157508886 | 21 | 2.988733446 | 20 | 3.148909213 | 20 | TFT' |
| 8 | kandori.Strategy8 | 3.121529725 | 22 | 3.104081314 | 6 | 3.096718772 | 22 | HIST |
| 9 | kandori.Strategy9 | 3.088360193 | 23 | 2.962527525 | 22 | 3.030839327 | 24 | STFT |
| 5 | kandori.Strategy5 | 3.072941197 | 24 | 2.902704555 | 24 | 3.063080194 | 23 | |
| | | | | | | | | |
| average | | 3.201996231 | | 3.055929497 | | 3.190957391 | | |

| タイプ別平均 | | | | | | |
|---------------|-------------|-------------|-------------|---------------|---------------|--|
| | WSLS | TFT | ALLD | Other kandori | total average | |
| WSLS | 3.121197699 | 3.1719659 | 1.597288599 | 3.241082345 | 3.230509666 | |
| TFT | 3.156388186 | 2.745320385 | 2.102810448 | 3.289310268 | 3.16691979 | |
| ALLD | 3.568115816 | 2.766558346 | | 3.474086488 | 3.326308014 | |
| Other kandori | 3.281705328 | 3.259717721 | 1.61449243 | 2.850495713 | 3.180686976 | |
| total | 3.202495832 | 3.079987222 | 1.735147805 | 3.134129547 | 3.201996231 | |

実験4 不完全私的観測（神取ゼミの戦略のみ） 自分との対戦無し

| 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 | | 3.703 | 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 | 3.256 |
| 2 | 3.533 | | 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 | 3.216 |
| 3 | 3.538 | 3.777 | | 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 | 3.240 |
| 4 | 3.156 | 3.161 | 3.161 | | 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 | 3.191 |
| 5 | 2.397 | 3.332 | 3.203 | 4.065 | | 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 | 3.073 |
| 6 | 3.076 | 3.599 | 3.498 | 3.921 | 3.649 | | 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 | 3.198 |
| 7 | 2.855 | 3.146 | 3.079 | 4.021 | 3.748 | 3.782 | | 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 | 3.167 |
| 8 | 3.170 | 3.096 | 3.028 | 3.991 | 3.655 | 3.627 | 3.416 | | 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 | 3.122 |
| 9 | 2.515 | 2.761 | 2.660 | 4.073 | 3.802 | 3.938 | 2.870 | 4.078 | | 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 | 3.088 |
| 10 | 2.839 | 3.135 | 3.062 | 4.027 | 3.773 | 3.764 | 3.067 | 3.948 | 2.503 | | 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 | 3.158 |
| 11 | 3.131 | 3.100 | 3.048 | 4.009 | 3.564 | 3.819 | 3.334 | 3.978 | 2.997 | 3.285 | | 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 | 3.160 |
| 12 | 2.889 | 3.347 | 3.242 | 4.056 | 4.070 | 3.471 | 2.785 | 3.801 | 2.218 | 2.816 | 3.361 | | 2.359 | 3.250 | 3.326 | 3.347 | 2.865 | 2.781 | 2.684 | 3.322 | 3.314 | 3.275 | 4.070 | 2.884 | 3.197 |
| 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 | | 3.655 | 3.518 | 3.601 | 2.865 | 2.989 | 2.722 | 3.574 | 3.624 | 3.945 | 4.124 | 2.750 | 3.326 |
| 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 | | 3.065 | 3.687 | 3.476 | 2.574 | 3.447 | 3.305 | 3.674 | 3.738 | 3.987 | 1.896 | 3.259 |
| 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 | | 3.578 | 3.206 | 2.153 | 3.079 | 3.327 | 3.556 | 3.653 | 4.022 | 1.952 | 3.161 |
| 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 | | 3.335 | 2.484 | 3.218 | 3.414 | 3.766 | 3.799 | 3.972 | 1.873 | 3.216 |
| 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 | | 2.986 | 3.368 | 3.038 | 3.334 | 3.401 | 3.978 | 1.960 | 3.216 |
| 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 | | 3.104 | 3.525 | 3.697 | 3.923 | 4.047 | 2.865 | 3.354 |
| 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 | | 3.057 | 3.349 | 3.791 | 3.942 | 2.081 | 3.213 |
| 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 | | 3.684 | 3.734 | 3.999 | 1.929 | 3.193 |
| 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 | | 3.788 | 3.981 | 1.885 | 3.238 |
| 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 | | 3.972 | 1.826 | 3.259 |
| 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 | | 1.279 | 3.189 |
| 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 | | 3.159 |
| ave rage | 3.164 | 3.453 | 3.355 | 3.829 | 3.765 | 3.858 | 3.129 | 3.760 | 2.660 | 3.108 | 3.645 | 1.905 | 1.735 | 3.544 | 3.032 | 3.453 | 3.373 | 2.552 | 3.234 | 3.211 | 3.479 | 3.644 | 4.009 | 1.949 | 3.202 |

実験4 不完全私的観測(神取ゼミの戦略のみ) 自分との対戦無し

| 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 | | 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 | 3.132 |
| 2 | 3.202 | | 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 | 3.055 |
| 3 | 3.251 | 3.746 | | 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 | 3.082 |
| 4 | 2.667 | 2.946 | 2.920 | | 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 | 3.086 |
| 5 | 1.615 | 3.210 | 3.020 | 4.074 | | 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 | 2.903 |
| 6 | 2.482 | 3.561 | 3.427 | 3.874 | 3.575 | | 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 | 3.056 |
| 7 | 2.354 | 2.903 | 2.823 | 3.986 | 3.685 | 3.693 | | 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 | 3.002 |
| 8 | 2.819 | 3.076 | 2.971 | 3.963 | 3.644 | 3.553 | 3.231 | | 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 | 3.104 |
| 9 | 2.205 | 2.711 | 2.606 | 3.957 | 3.627 | 3.820 | 2.762 | 3.756 | | 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 | 2.963 |
| 10 | 2.318 | 2.902 | 2.812 | 3.990 | 3.713 | 3.667 | 2.861 | 3.575 | 2.677 | | 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 | 2.989 |
| 11 | 2.687 | 2.805 | 2.720 | 4.013 | 3.448 | 3.727 | 3.201 | 3.839 | 3.190 | 3.153 | | 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 | 3.004 |
| 12 | 2.546 | 3.328 | 3.193 | 3.862 | 3.937 | 3.278 | 2.564 | 3.128 | 2.282 | 2.606 | 3.094 | | 2.090 | 3.101 | 3.256 | 3.328 | 2.506 | 2.650 | 2.415 | 3.282 | 3.273 | 3.190 | 3.937 | 3.207 | 3.046 |
| 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 | | 3.556 | 3.502 | 3.534 | 2.464 | 2.792 | 2.411 | 3.524 | 3.543 | 3.963 | 4.102 | 3.224 | 3.182 |
| 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 | | 2.981 | 3.650 | 3.237 | 2.033 | 3.316 | 3.234 | 3.639 | 3.711 | 3.979 | 2.067 | 3.123 |
| 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 | | 3.518 | 2.937 | 1.663 | 2.867 | 3.243 | 3.473 | 3.608 | 3.992 | 2.132 | 2.984 |
| 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 | | 3.047 | 1.900 | 2.972 | 3.362 | 3.743 | 3.775 | 3.963 | 2.017 | 3.055 |
| 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 | | 2.604 | 3.149 | 2.869 | 3.124 | 3.252 | 3.969 | 2.216 | 3.064 |
| 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 | | 2.772 | 3.491 | 3.615 | 3.938 | 4.062 | 3.182 | 3.220 |
| 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 | | 2.871 | 3.140 | 3.764 | 3.933 | 2.253 | 3.061 |
| 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 | | 3.626 | 3.707 | 3.981 | 2.084 | 3.020 |
| 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 | | 3.768 | 3.969 | 2.030 | 3.084 |
| 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 | | 3.964 | 1.959 | 3.121 |
| 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 | | 1.427 | 3.066 |
| 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 | | 2.941 |
| ave rage | 2.724 | 3.352 | 3.225 | 3.700 | 3.702 | 3.789 | 2.954 | 3.235 | 2.838 | 2.937 | 3.482 | 1.708 | 1.400 | 3.442 | 2.957 | 3.352 | 3.110 | 2.110 | 3.042 | 3.115 | 3.384 | 3.616 | 3.989 | 2.180 | 3.056 |

実験5 不完全私的観測(神取+尾山ゼミの戦略) 自分との対戦無し

| Datetime | 2015-11-30-18-01-45 | | | | | | | |
|----------------------|---|------------------------|---------------------|----------------------|-------------------|----------------------|---------------|--------|
| Monitoring type | private | | | | | | | |
| RandomSeed | 282 | | | | | | | |
| Repeats | 1000 | | | | | | | |
| Average ts_length | 32.856 | | | | | | | |
| Number of strategies | 34 | | | | | | | |
| Str No. | Strategy name | Avarage(session based) | Rank(session based) | Avarage(stage based) | Rank(stage based) | Average(90% trimmed) | Rank(trimmed) | 備考 |
| 27 | ikegami_imperfect_private.Self_Centered_private | 3.36832832 | 1 | 3.220361024 | 1 | 3.365692904 | 1 | 20% |
| 28 | mhanami_Imperfect_Private_Strategy.ImPrivStrategy | 3.348553889 | 2 | 3.216393297 | 2 | 3.346376067 | 2 | 2T2FT |
| 25 | lida_imperfect_private.lida_iprm | 3.32968985 | 3 | 3.15335652 | 5 | 3.330641597 | 3 | |
| 18 | kandori.Strategy18 | 3.292214224 | 4 | 3.084777652 | 15 | 3.291929244 | 4 | WSLS' |
| 17 | kandori.Strategy17 | 3.283194443 | 5 | 3.11118305 | 8 | 3.281666516 | 5 | TFT' |
| 4 | kandori.Strategy4 | 3.282928401 | 6 | 3.158213803 | 4 | 3.276017721 | 6 | |
| 19 | kandori.Strategy19 | 3.277143381 | 7 | 3.106785994 | 10 | 3.271770308 | 8 | TFT |
| 34 | yamagishi_impd.yamagishi | 3.277143381 | 8 | 3.106785994 | 11 | 3.271770308 | 7 | TFT |
| 30 | gistfile1.MyStrategy | 3.266900169 | 9 | 3.116454907 | 7 | 3.261474645 | 9 | TFT' |
| 29 | tsuyoshi.GrimTrigger | 3.26353101 | 10 | 3.085325036 | 14 | 3.260617395 | 10 | TFT' |
| 1 | kandori.Strategy1 | 3.261856949 | 11 | 3.076891541 | 17 | 3.258367257 | 11 | |
| 23 | kandori.Strategy23 | 3.261667595 | 12 | 3.107009651 | 9 | 3.257183109 | 12 | |
| 11 | kandori.Strategy11 | 3.260228791 | 13 | 3.098884204 | 12 | 3.255999319 | 13 | TFT' |
| 32 | oyama.OyamaImperfectPrivateMonitoring | 3.255871528 | 14 | 3.087366082 | 13 | 3.251685906 | 15 | TFT' |
| 14 | kandori.Strategy14 | 3.25337761 | 15 | 3.058440504 | 18 | 3.251970056 | 14 | WSLS' |
| 33 | ogawa.ogawa | 3.247716335 | 16 | 3.083111982 | 16 | 3.242815575 | 16 | |
| 31 | beeleb_Strategy.beeleb | 3.245998144 | 17 | 3.117079764 | 6 | 3.236688541 | 17 | |
| 8 | kandori.Strategy8 | 3.239536248 | 18 | 3.180036763 | 3 | 3.222972873 | 20 | HIST |
| 22 | kandori.Strategy22 | 3.231422435 | 19 | 3.033872324 | 20 | 3.227101462 | 18 | |
| 6 | kandori.Strategy6 | 3.225318551 | 20 | 3.030270289 | 22 | 3.223112239 | 19 | WSLS' |
| 7 | kandori.Strategy7 | 3.225300065 | 21 | 3.037891239 | 19 | 3.218248764 | 22 | TFT' |
| 13 | kandori.Strategy13 | 3.223658906 | 22 | 3.020115324 | 24 | 3.218690169 | 21 | CCDDDD |
| 21 | kandori.Strategy21 | 3.216136749 | 23 | 2.999892552 | 25 | 3.213514059 | 23 | WSLS' |
| 10 | kandori.Strategy10 | 3.214150715 | 24 | 3.022255517 | 23 | 3.206629856 | 24 | TFT' |
| 3 | kandori.Strategy3 | 3.207011964 | 25 | 2.984919502 | 27 | 3.203072701 | 25 | WSLS' |
| 26 | kato.KatoStrategy | 3.193996582 | 26 | 3.032555744 | 21 | 3.173226807 | 28 | |
| 16 | kandori.Strategy16 | 3.186837934 | 27 | 2.962482753 | 29 | 3.182215234 | 27 | WSLS |
| 2 | kandori.Strategy2 | 3.186837934 | 28 | 2.962482753 | 30 | 3.182215234 | 26 | WSLS |
| 12 | kandori.Strategy12 | 3.182024045 | 29 | 2.98471429 | 28 | 3.161864125 | 29 | |
| 5 | kandori.Strategy5 | 3.151694623 | 30 | 2.947040253 | 31 | 3.145554691 | 30 | |
| 20 | kandori.Strategy20 | 3.149316992 | 31 | 2.918115136 | 32 | 3.141487539 | 31 | WSLS' |
| 9 | kandori.Strategy9 | 3.131695859 | 32 | 2.986149848 | 26 | 3.076223214 | 33 | STFT |
| 15 | kandori.Strategy15 | 3.118259636 | 33 | 2.886726561 | 33 | 3.106428274 | 32 | WSLS' |
| 24 | kandori.Strategy24 | 3.017841689 | 34 | 2.754503121 | 34 | 2.953674298 | 34 | |
| | | | | | | | | |
| average | | 3.231687793 | | 3.050954264 | | 3.222614647 | | |

| 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 | | 3.703 | 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 | 3.262 | |
| 2 | 3.533 | | 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 | 3.187 | |
| 3 | 3.538 | 3.777 | | 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 | 3.207 | |
| 4 | 3.156 | 3.161 | 3.161 | | 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 | 3.283 | |
| 5 | 2.397 | 3.332 | 3.203 | 4.065 | | 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 | 3.152 | |
| 6 | 3.076 | 3.599 | 3.498 | 3.921 | 3.649 | | 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 | 3.225 | |
| 7 | 2.855 | 3.146 | 3.079 | 4.021 | 3.748 | 3.782 | | 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 | 3.225 | |
| 8 | 3.170 | 3.096 | 3.028 | 3.991 | 3.655 | 3.627 | 3.416 | | 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 | 3.240 | |
| 9 | 2.515 | 2.761 | 2.660 | 4.073 | 3.802 | 3.938 | 2.870 | 4.078 | | 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 | 3.132 | |
| 10 | 2.839 | 3.135 | 3.062 | 4.027 | 3.773 | 3.764 | 3.067 | 3.948 | 2.503 | | 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 | 3.214 | |
| 11 | 3.131 | 3.100 | 3.048 | 4.009 | 3.564 | 3.819 | 3.334 | 3.978 | 2.997 | 3.285 | | 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 | 3.260 | |
| 12 | 2.889 | 3.347 | 3.242 | 4.056 | 4.070 | 3.471 | 2.785 | 3.801 | 2.218 | 2.816 | 3.361 | | 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 | 3.182 | |
| 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 | | 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 | 3.224 | |
| 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 | | 3.065 | 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 | 3.253 | |
| 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 | | 3.578 | 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 | | 3.335 | 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 | 3.187 | |
| 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 | | 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 | 3.283 | |
| 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 | | 3.104 | 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 | 3.292 | |
| 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 | | 3.057 | 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 | 3.277 | |
| 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 | | 3.684 | 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 | 3.149 | |
| 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 | | 3.788 | 3.981 | 1.885 | 2.849 | 1.837 | 2.661 | 3.098 | 3.657 | 3.867 | 3.741 | 3.412 | 3.226 | 3.300 | 3.216 | |
| 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 | | 3.972 | 1.826 | 2.691 | 1.651 | 2.432 | 3.365 | 3.559 | 3.891 | 3.816 | 3.481 | 3.239 | 3.552 | 3.231 | |
| 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 | | 1.279 | 3.011 | 2.049 | 3.045 | 3.942 | 3.565 | 3.983 | 4.000 | 3.715 | 3.361 | 3.628 | 3.262 | |
| 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 | | 2.038 | 1.618 | 1.589 | 2.167 | 3.322 | 3.816 | 3.629 | 3.009 | 3.080 | 2.674 | 3.018 | |
| 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 | | 2.318 | 2.954 | 3.476 | 3.560 | 4.004 | 3.984 | 3.414 | 3.465 | 3.333 | 3.330 | |
| 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 | | 2.264 | 3.373 | 3.404 | 3.963 | 3.823 | 3.155 | 3.538 | 2.849 | 3.194 | |
| 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 | | 3.475 | 3.680 | 3.840 | 3.760 | 3.472 | 3.267 | 3.190 | 3.368 | |
| 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 | | 3.626 | 3.974 | 3.977 | 3.582 | 3.507 | 3.360 | 3.349 | |
| 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 | 3.674 | 3.990 | 1.833 | 2.922 | 1.920 | 2.801 | 3.555 | | 3.904 | 3.823 | 3.516 | 3.283 | 3.479 | 3.264 | |
| 30 | 3.010 | 3.259 | 3. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

実験5 不完全私的観測(神取+尾山ゼミの戦略) 自分との対戦無し

| 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 | | 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 | 3.077 | |
| 2 | 3.202 | | 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 | 2.962 | |
| 3 | 3.251 | 3.746 | | 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 | 2.985 | |
| 4 | 2.667 | 2.946 | 2.920 | | 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 | 3.158 | |
| 5 | 1.615 | 3.210 | 3.020 | 4.074 | | 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 | 2.947 | |
| 6 | 2.482 | 3.561 | 3.427 | 3.874 | 3.575 | | 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 | 3.030 | |
| 7 | 2.354 | 2.903 | 2.823 | 3.986 | 3.685 | 3.693 | | 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 | 3.038 | |
| 8 | 2.819 | 3.076 | 2.971 | 3.963 | 3.644 | 3.553 | 3.231 | | 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 | 3.180 | |
| 9 | 2.205 | 2.711 | 2.606 | 3.957 | 3.627 | 3.820 | 2.762 | 3.756 | | 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 | 2.986 | |
| 10 | 2.318 | 2.902 | 2.812 | 3.990 | 3.713 | 3.667 | 2.861 | 3.575 | 2.677 | | 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 | 3.022 | |
| 11 | 2.687 | 2.805 | 2.720 | 4.013 | 3.448 | 3.727 | 3.201 | 3.839 | 3.190 | 3.153 | | 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 | 3.099 | |
| 12 | 2.546 | 3.328 | 3.193 | 3.862 | 3.937 | 3.278 | 2.564 | 3.128 | 2.282 | 2.606 | 3.094 | | 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 | 2.985 | |
| 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 | | 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 | 3.020 | |
| 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 | | 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 | 3.058 | |
| 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 | | 3.518 | 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 | 2.887 | |
| 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 | | 3.047 | 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 | 2.962 | |
| 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 | | 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 | 3.111 | |
| 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 | | 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 | 3.085 | |
| 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 | | 2.871 | 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 | 3.107 | |
| 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 | | 3.626 | 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 | 2.918 | |
| 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 | | 3.768 | 3.969 | 2.030 | 2.314 | 1.358 | 2.061 | 2.609 | 3.571 | 3.814 | 3.563 | 3.123 | 2.569 | 3.087 | 3.000 | |
| 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 | | 3.964 | 1.959 | 2.091 | 1.125 | 1.746 | 3.089 | 3.432 | 3.851 | 3.701 | 3.288 | 2.521 | 3.485 | 3.034 | |
| 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 | | 1.427 | 2.483 | 1.493 | 2.818 | 3.928 | 3.478 | 3.978 | 4.000 | 3.630 | 2.621 | 3.580 | 3.107 | |
| 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 | | 1.669 | 1.223 | 1.195 | 1.637 | 3.104 | 3.655 | 3.219 | 2.638 | 2.417 | 2.498 | 2.755 | |
| 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 | | 1.946 | 2.491 | 3.172 | 3.394 | 4.003 | 3.886 | 3.075 | 2.939 | 3.125 | 3.153 | |
| 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 | | 2.049 | 2.803 | 3.392 | 3.699 | 3.253 | 2.733 | 2.991 | 2.542 | 3.033 | |
| 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 | | 3.268 | 3.554 | 3.772 | 3.596 | 3.183 | 2.792 | 2.924 | 3.220 | |
| 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 | | 3.526 | 3.959 | 3.964 | 3.363 | 3.047 | 3.141 | 3.216 | |
| 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 | 3.538 | 3.636 | 3.985 | 2.073 | 2.417 | 1.457 | 2.285 | 3.345 | | 3.862 | 3.710 | 3.313 | 2.621 | 3.345 | 3.085 | |
| 30 | 2.479 | 3.052 | 2.95. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

実験5 不完全私的観測(神取+尾山ゼミの戦略) 自分との対戦無し

| タイプ別平均 | | | | | | |
|---------------|-------------|-------------|-------------|---------------|-------------|---------------|
| | WSLS | TFT | ALLD | Other kandori | Other oyama | total average |
| WSLS | 3.121197699 | 3.294184513 | 1.597288599 | 3.241082345 | 2.844703858 | 3.20392351 |
| TFT | 3.217917263 | 3.135976169 | 1.999373767 | 3.280819084 | 3.198661754 | 3.254883021 |
| ALLD | 3.568115816 | 2.947953446 | | 3.474086488 | 2.80950435 | 3.223658906 |
| Other kandori | 3.281705328 | 3.384906732 | 1.61449243 | 2.850495713 | 2.977608253 | 3.203621498 |
| Other oyama | 3.290522046 | 3.369423514 | 2.085169256 | 3.355591673 | 2.611990254 | 3.277145846 |
| total | 3.228652272 | 3.265573675 | 1.809408926 | 3.186965302 | 2.957264426 | 3.231687793 |

| タイプ別平均 | | | | | | | |
|---------------|-------------|-------------|-------------|-------------|---------------|-------------|---------------|
| | WSLS | TFT | ALLD | Prob | Other kandori | Other oyama | total average |
| WSLS | 3.121197699 | 3.294184513 | 1.597288599 | 2.559611894 | 3.241082345 | 2.915976849 | 3.20392351 |
| TFT | 3.217917263 | 3.135976169 | 1.999373767 | 2.99366014 | 3.280819084 | 3.249912158 | 3.254883021 |
| ALLD | 3.568115816 | 2.947953446 | | 2.536744069 | 3.474086488 | 2.87769442 | 3.223658906 |
| Prob | 3.553529215 | 3.278944542 | 2.286598783 | | 3.513118831 | 3.178283059 | 3.36832832 |
| Other kandori | 3.281705328 | 3.384906732 | 1.61449243 | 2.727741801 | 2.850495713 | 3.040074867 | 3.203621498 |
| Other oyama | 3.224770254 | 3.392043256 | 2.034811875 | 2.927390992 | 3.316209883 | 2.55100466 | 3.254350228 |
| total | 3.228652272 | 3.265573675 | 1.809408926 | 2.788939728 | 3.186965302 | 3.020316126 | 3.231687793 |