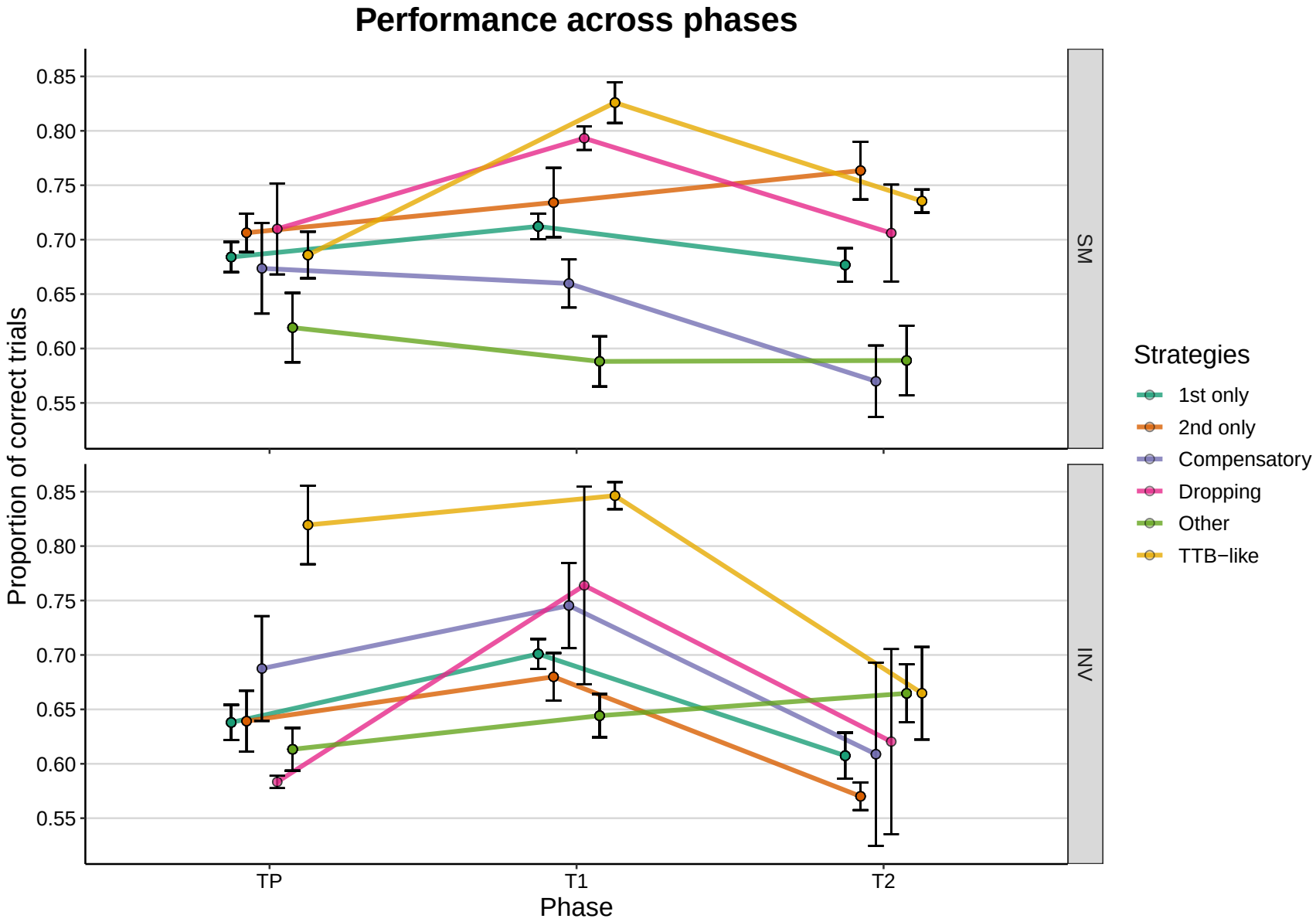
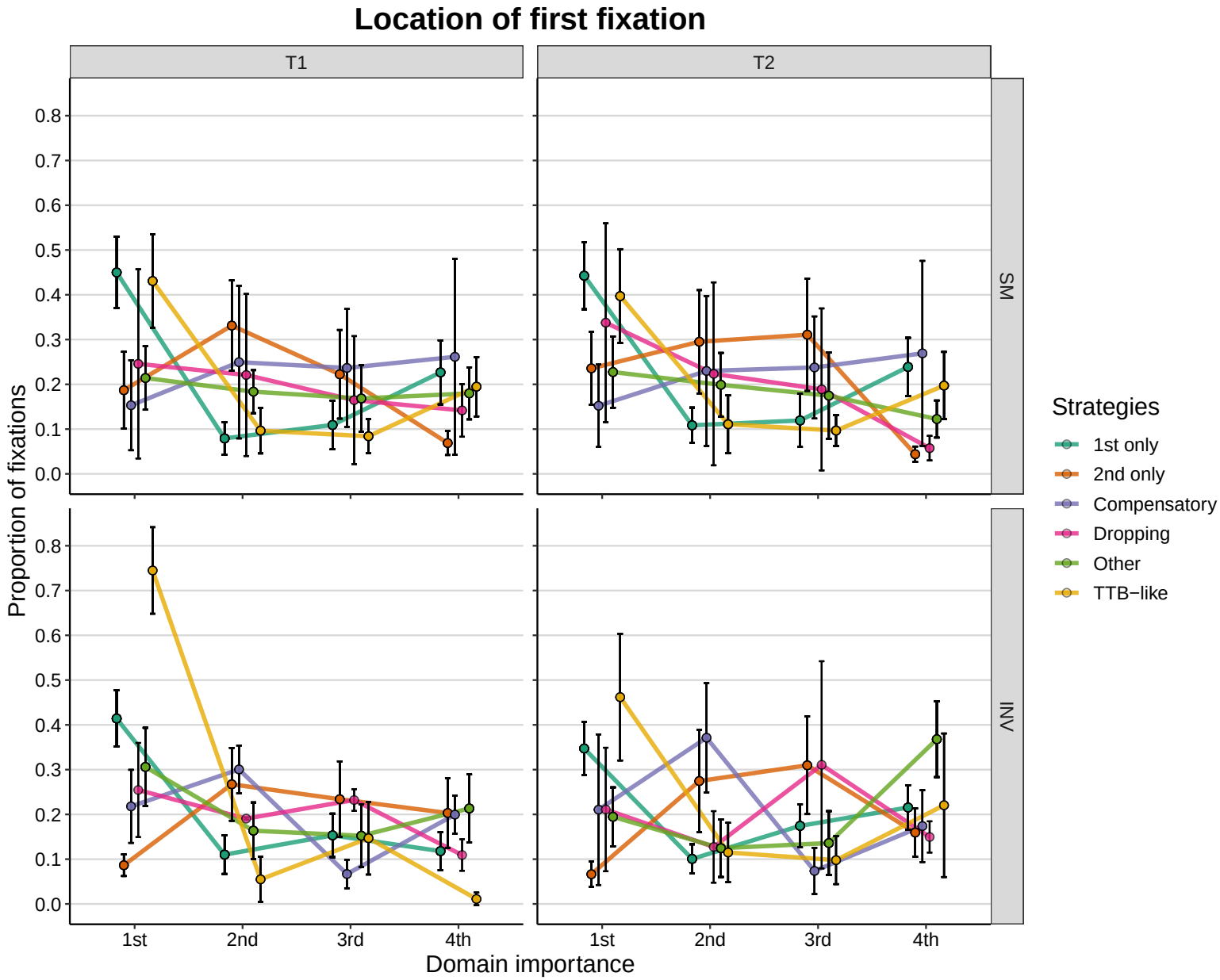
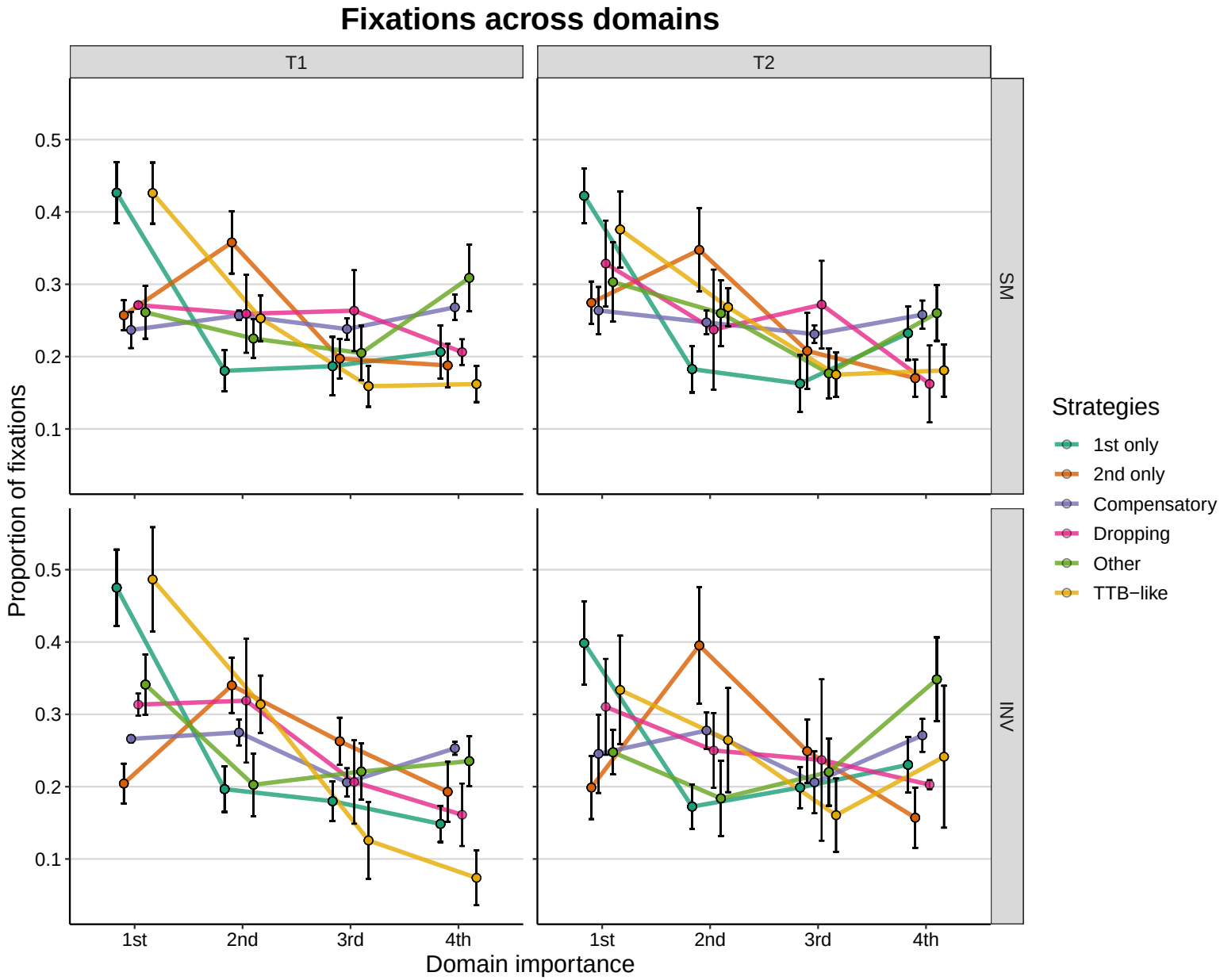
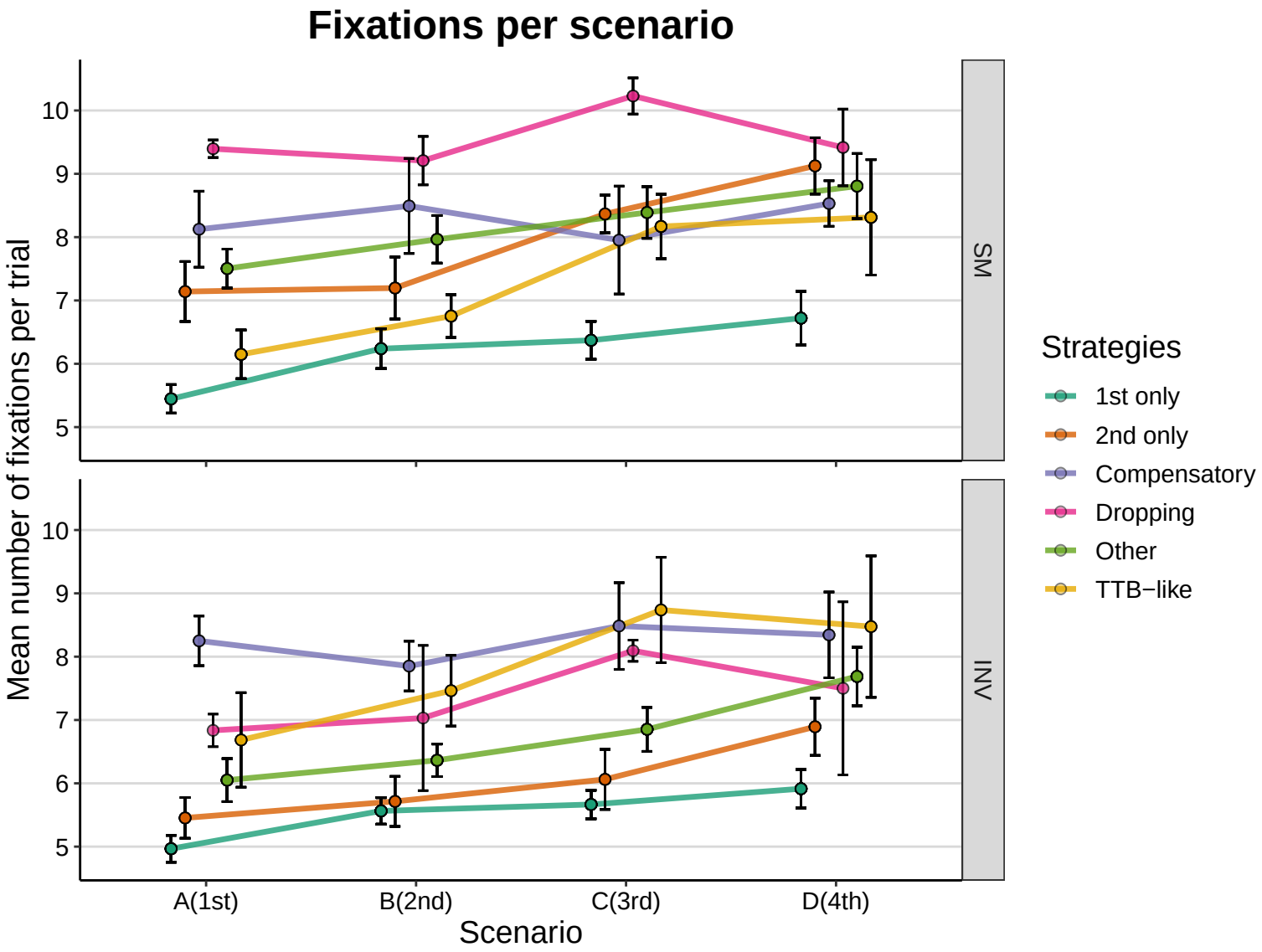
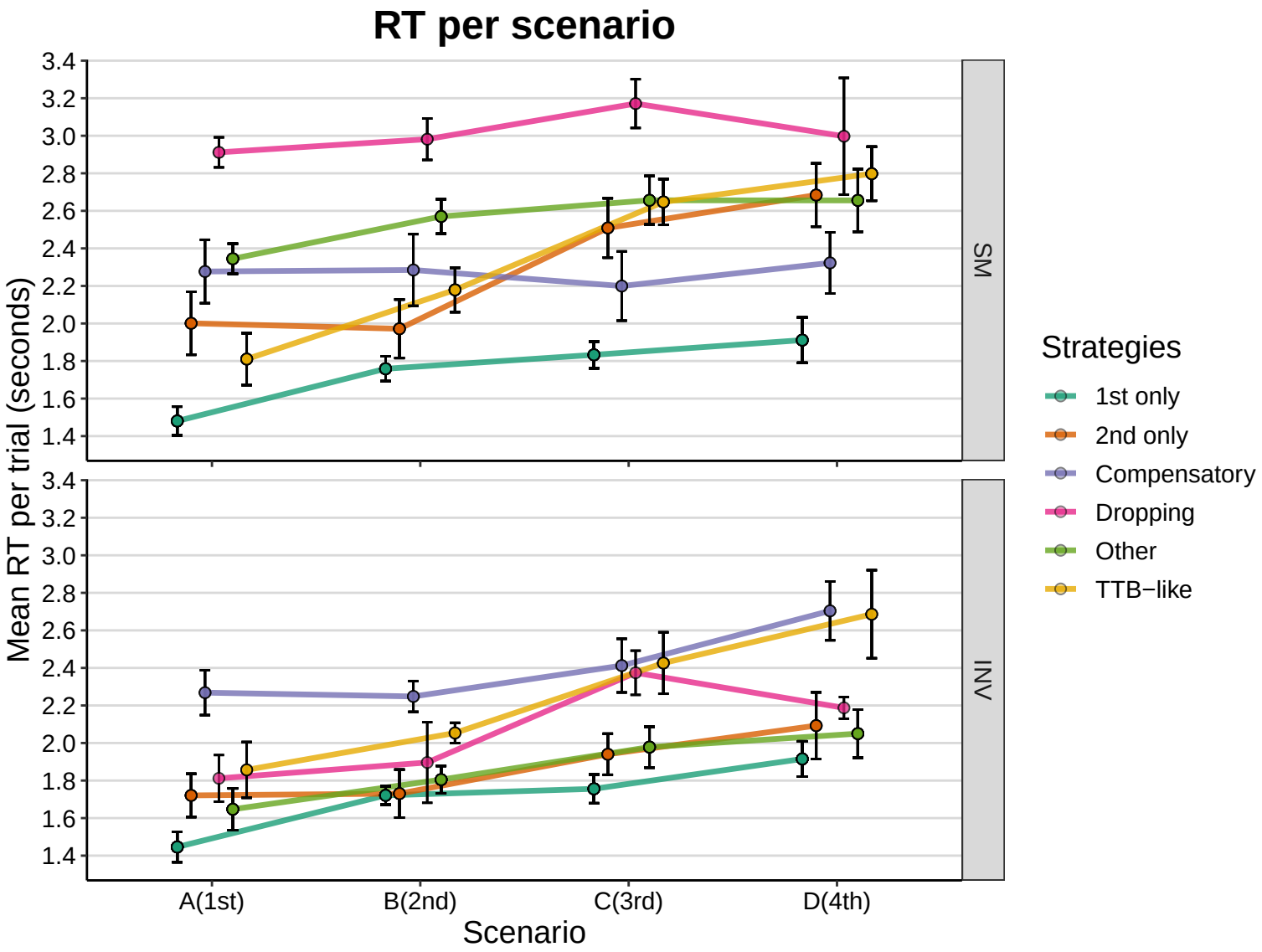
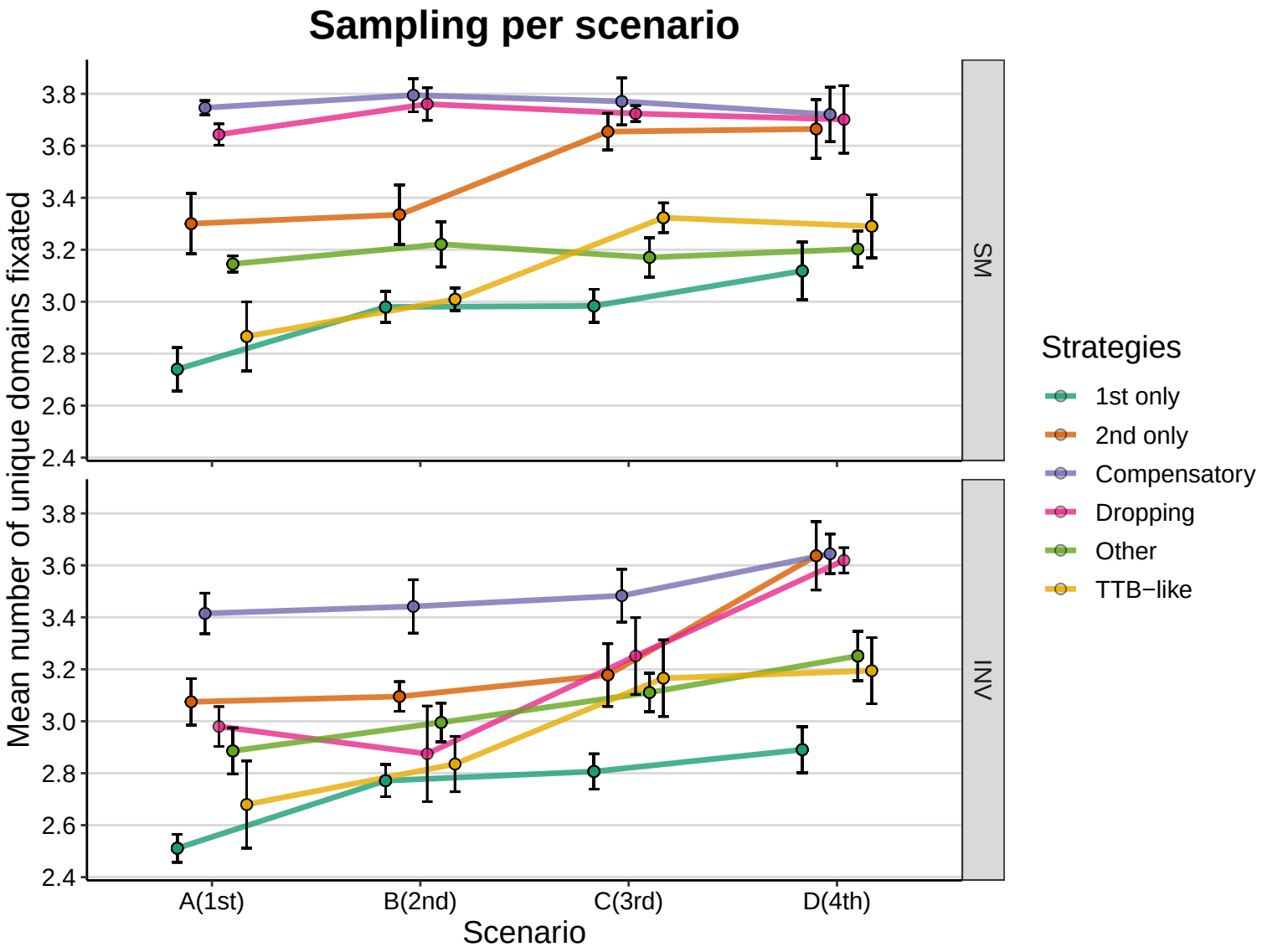

Performance across phases
Proportion of correct trials
0.85
0.80
0.75
0.70
0.65
0.60
0.55
SM
INV
TP
T1
T2
Phase
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like


Location of first fixation
T1
T2
SM
INV
Proportion of fixations
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
1st
2nd
3rd
4th
Domain importance
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like


Fixations across domains
T1
T2
SM
INV
Proportion of fixations
0.5
0.4
0.3
0.2
0.1
1st
2nd
3rd
4th
Domain importance
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like


Fixations per scenario
Mean number of fixations per trial
10
9
8
7
6
5
SM
INV
A(1st)
B(2nd)
C(3rd)
D(4th)
Scenario
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like


RT per scenario
Mean RT per trial (seconds)
3.4
3.2
3.0
2.8
2.6
2.4
2.2
2.0
1.8
1.6
1.4
SM
INV
A(1st)
B(2nd)
C(3rd)
D(4th)
Scenario
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like


Sampling per scenario
Mean number of unique domains fixated
3.8
3.6
3.4
3.2
3.0
2.8
2.6
2.4
SM
INV
A(1st)
B(2nd)
C(3rd)
D(4th)
Scenario
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like

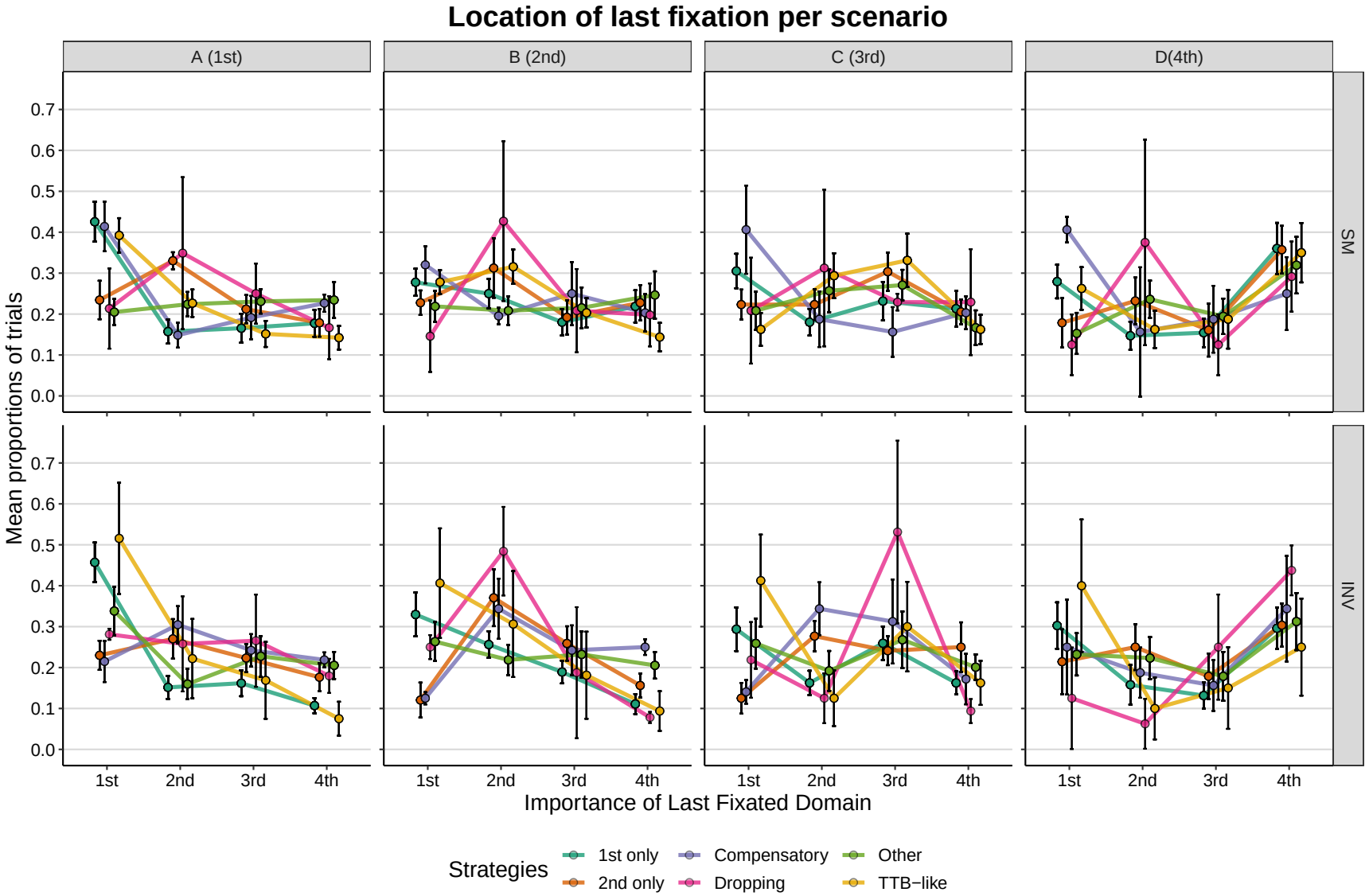

Location of last fixation per scenario
A (1st)
B (2nd)
C (3rd)
D(4th)
SM
INV
Mean proportions of trials
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
1st
2nd
3rd
4th
Importance of Last Fixated Domain
Strategies
1st only
2nd only
Compensatory
Dropping
Other
TTB−like

Table 1: 2(Experiment) by 3(Phase) by 6(Strategy) mixed repeated measures ANOVA on the subjects performance

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	0.92	1	90	0.02	.341	.006
Group	7.54	5	90	0.02	$< .001$	.199
Phase	19.70	1.82	163.97	0.01	$< .001$	.082
Experiment $\times$ Group	2.79	5	90	0.02	.022	.084
Experiment $\times$ Phase	2.74	1.82	163.97	0.01	.073	.012
Group $\times$ Phase	2.90	9.11	163.97	0.01	.003	.061
Experiment $\times$ Group $\times$ Phase	2.27	9.11	163.97	0.01	.020	.049

Table 2: 2(Experiment) by 2(Phase) by 4(Domain importance) by 6(Strategy) mixed repeated measures ANOVA on the proportion of trials where the first fixation was directed to the different domains

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	0.87	1	90	0.02	.354	.000
Group	0.95	5	90	0.02	.451	.002
Phase	0.07	1	90	0.01	.791	.000
Rank	3.36	2.89	259.91	0.23	.021	.031
Experiment $\times$ Group	0.23	5	90	0.02	.948	.000
Experiment $\times$ Phase	0.15	1	90	0.01	.699	.000
Group $\times$ Phase	1.58	5	90	0.01	.174	.001
Experiment $\times$ Rank	0.01	2.89	259.91	0.23	.998	.000
Group $\times$ Rank	2.53	14.44	259.91	0.23	.002	.109
Phase $\times$ Rank	2.06	2.46	221.71	0.03	.119	.002
Experiment $\times$ Group $\times$ Phase	0.50	5	90	0.01	.776	.000
Experiment $\times$ Group $\times$ Rank	0.70	14.44	259.91	0.23	.783	.033
Experiment $\times$ Phase $\times$ Rank	5.11	2.46	221.71	0.03	.004	.005
Group $\times$ Phase $\times$ Rank	1.38	12.32	221.71	0.03	.177	.007
Experiment $\times$ Group $\times$ Phase $\times$ Rank	1.03	12.32	221.71	0.03	.420	.005

Table 3: 2(Experiment) by 2(Phase) by 4(Domain importance) by 6(Strategy) mixed repeated measures ANOVA on the proportion of fixations per trial across the different domains

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	0.87	1	90	0.02	.354	.000
Group	0.95	5	90	0.02	.451	.002
Phase	0.07	1	90	0.01	.791	.000
Rank	3.36	2.89	259.91	0.23	.021	.031
Experiment × Group	0.23	5	90	0.02	.948	.000
Experiment × Phase	0.15	1	90	0.01	.699	.000
Group × Phase	1.58	5	90	0.01	.174	.001
Experiment × Rank	0.01	2.89	259.91	0.23	.998	.000
Group × Rank	2.53	14.44	259.91	0.23	.002	.109
Phase × Rank	2.06	2.46	221.71	0.03	.119	.002
Experiment × Group × Phase	0.50	5	90	0.01	.776	.000
Experiment × Group × Rank	0.70	14.44	259.91	0.23	.783	.033
Experiment × Phase × Rank	5.11	2.46	221.71	0.03	.004	.005
Group × Phase × Rank	1.38	12.32	221.71	0.03	.177	.007
Experiment × Group × Phase × Rank	1.03	12.32	221.71	0.03	.420	.005

Table 4: 2(Experiment) by 4(Scenario) by 6(Strategy) mixed repeated measures ANOVA on the mean number of fixations per trial across the different decision scenarios

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	1.22	1	86	95.73	.273	.011
Group	1.68	5	86	95.73	.148	.071
Phase	50.49	1.47	126.61	12.79	$< .001$	.083
Case	30.59	2.56	219.77	1.47	$< .001$	.011
Experiment $\times$ Group	0.37	5	86	95.73	.865	.017
Experiment $\times$ Phase	0.04	1.47	126.61	12.79	.918	.000
Group $\times$ Phase	0.67	7.36	126.61	12.79	.707	.006
Experiment $\times$ Case	0.79	2.56	219.77	1.47	.484	.000
Group $\times$ Case	2.28	12.78	219.77	1.47	.008	.004
Phase $\times$ Case	0.76	4.05	348.68	1.00	.551	.000
Experiment $\times$ Group $\times$ Phase	1.06	7.36	126.61	12.79	.393	.009
Experiment $\times$ Group $\times$ Case	0.72	12.78	219.77	1.47	.743	.001
Experiment $\times$ Phase $\times$ Case	0.26	4.05	348.68	1.00	.907	.000
Group $\times$ Phase $\times$ Case	1.25	20.27	348.68	1.00	.210	.002
Experiment $\times$ Group $\times$ Phase $\times$ Case	1.02	20.27	348.68	1.00	.435	.002

Table 5: 2(Experiment) by 4(Scenario) by 6(Strategy) mixed repeated measures ANOVA on the mean RT per trial across the different decision scenarios

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	1.22	1	86	95.73	.273	.011
Group	1.68	5	86	95.73	.148	.071
Phase	50.49	1.47	126.61	12.79	$< .001$	.083
Case	30.59	2.56	219.77	1.47	$< .001$	.011
Experiment $\times$ Group	0.37	5	86	95.73	.865	.017
Experiment $\times$ Phase	0.04	1.47	126.61	12.79	.918	.000
Group $\times$ Phase	0.67	7.36	126.61	12.79	.707	.006
Experiment $\times$ Case	0.79	2.56	219.77	1.47	.484	.000
Group $\times$ Case	2.28	12.78	219.77	1.47	.008	.004
Phase $\times$ Case	0.76	4.05	348.68	1.00	.551	.000
Experiment $\times$ Group $\times$ Phase	1.06	7.36	126.61	12.79	.393	.009
Experiment $\times$ Group $\times$ Case	0.72	12.78	219.77	1.47	.743	.001
Experiment $\times$ Phase $\times$ Case	0.26	4.05	348.68	1.00	.907	.000
Group $\times$ Phase $\times$ Case	1.25	20.27	348.68	1.00	.210	.002
Experiment $\times$ Group $\times$ Phase $\times$ Case	1.02	20.27	348.68	1.00	.435	.002

Table 6: 2(Experiment) by 4(Scenario) by 6(Strategy) mixed repeated measures ANOVA on the mean unique domains fixated per trial across the different decision scenarios

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	1.22	1	86	95.73	.273	.011
Group	1.68	5	86	95.73	.148	.071
Phase	50.49	1.47	126.61	12.79	$< .001$	.083
Case	30.59	2.56	219.77	1.47	$< .001$	.011
Experiment × Group	0.37	5	86	95.73	.865	.017
Experiment × Phase	0.04	1.47	126.61	12.79	.918	.000
Group × Phase	0.67	7.36	126.61	12.79	.707	.006
Experiment × Case	0.79	2.56	219.77	1.47	.484	.000
Group × Case	2.28	12.78	219.77	1.47	.008	.004
Phase × Case	0.76	4.05	348.68	1.00	.551	.000
Experiment × Group × Phase	1.06	7.36	126.61	12.79	.393	.009
Experiment × Group × Case	0.72	12.78	219.77	1.47	.743	.001
Experiment × Phase × Case	0.26	4.05	348.68	1.00	.907	.000
Group × Phase × Case	1.25	20.27	348.68	1.00	.210	.002
Experiment × Group × Phase × Case	1.02	20.27	348.68	1.00	.435	.002

Table 7: 2(Experiment) by 4(Scenario) by 4(Domain importance) by 6(Strategy) mixed repeated measures ANOVA on the proportion of trials where the last fixation was allocated to each domain across decision scenarios

Effect	F	df_1^{GG}	df_2^{GG}	MSE	p	$\hat{\eta}_G^2$
Experiment	0.02	1	88	0.07	.876	.000
Group	1.31	5	88	0.07	.265	.003
Phase	0.81	1	88	0.02	.370	.000
Case	46.70	2.12	186.65	0.01	$< .001$	.004
Rank	1.29	2.82	247.73	0.34	.278	.008
Experiment × Group	0.48	5	88	0.07	.794	.001
Experiment × Phase	0.70	1	88	0.02	.405	.000
Group × Phase	1.19	5	88	0.02	.320	.001
Experiment × Case	0.92	2.12	186.65	0.01	.403	.000
Group × Case	0.85	10.6	186.65	0.01	.587	.000
Experiment × Rank	0.43	2.82	247.73	0.34	.722	.003
Group × Rank	1.87	14.08	247.73	0.34	.030	.052
Phase × Case	0.10	2.2	193.57	0.01	.920	.000
Phase × Rank	0.65	2.6	228.56	0.07	.560	.001
Case × Rank	18.97	4.6	405.19	0.08	$< .001$	.041
Experiment × Group × Phase	0.44	5	88	0.02	.823	.000
Experiment × Group × Case	0.58	10.6	186.65	0.01	.838	.000
Experiment × Group × Rank	0.91	14.08	247.73	0.34	.545	.026
Experiment × Phase × Case	0.41	2.2	193.57	0.01	.687	.000
Group × Phase × Case	0.34	11	193.57	0.01	.975	.000
Experiment × Phase × Rank	3.09	2.6	228.56	0.07	.034	.003
Group × Phase × Rank	0.90	12.99	228.56	0.07	.553	.005
Experiment × Case × Rank	0.63	4.6	405.19	0.08	.665	.001
Group × Case × Rank	1.40	23.02	405.19	0.08	.106	.015
Phase × Case × Rank	0.76	5.53	487.05	0.04	.588	.001
Experiment × Group × Phase × Case	0.61	11	193.57	0.01	.817	.000
Experiment × Group × Phase × Rank	0.82	12.99	228.56	0.07	.634	.004
Experiment × Group × Case × Rank	0.66	23.02	405.19	0.08	.882	.007
Experiment × Phase × Case × Rank	0.61	5.53	487.05	0.04	.707	.001
Group × Phase × Case × Rank	0.85	27.67	487.05	0.04	.687	.006
Experiment × Group × Phase × Case × Rank	0.78	27.67	487.05	0.04	.778	.006