

# Summary statistics of first experiment on MTurk

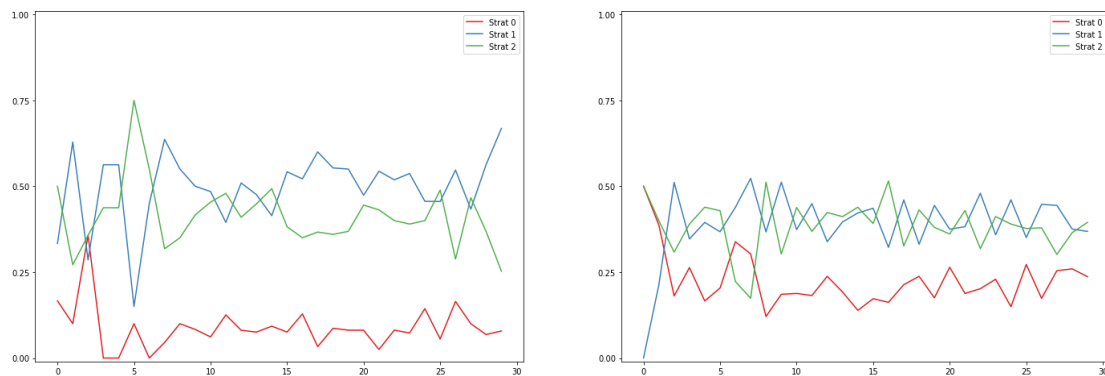
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## 1 Rock Paper Scissors

	$R$	$P$	$S$
Rock	10, 10	0, 12	11, 0
Paper	12, 0	10, 10	5, 12
Scissors	0, 11	12, 5	10, 10

Game 1 - Unstable RPS



*Figure 1: Role population 1 to the left and role population 2 to the right. Strategies numbered in order of appearance.*

pid	role	n rounds	first	last	n same	% same	n mix	% mix	mix PO	PO	max PO	% PO
65	1	1	0	0	0	0.00	0	0.00	8.00	9.00	9.00	1.00
53	0	30	0	29	23	0.77	0	0.00	235.37	252.97	270.35	0.94
41	0	29	0	29	26	0.90	0	0.00	227.56	247.61	261.62	0.95
59	0	30	0	29	24	0.80	29	0.97	235.37	250.66	270.35	0.93
63	0	30	0	29	20	0.67	1	0.03	235.37	257.12	270.35	0.95
38	1	24	0	27	8	0.33	23	0.96	189.69	190.45	244.33	0.78
57	1	30	0	29	15	0.50	18	0.60	236.58	283.54	305.07	0.93
61	0	30	0	29	29	0.97	0	0.00	235.37	255.58	270.35	0.95
32	1	29	1	29	19	0.66	6	0.21	228.58	276.33	296.07	0.93
60	1	27	2	29	1	0.04	14	0.52	213.00	218.70	275.61	0.79
31	0	29	1	29	15	0.52	0	0.00	227.37	247.02	259.85	0.95
48	0	29	1	29	28	0.97	0	0.00	227.37	247.41	259.85	0.95
55	1	27	2	29	5	0.19	22	0.81	213.12	199.73	275.00	0.73
34	1	29	1	29	2	0.07	17	0.59	228.58	232.45	296.07	0.79
67	1	29	1	29	24	0.83	28	0.97	228.58	249.32	296.07	0.84
66	0	29	1	29	17	0.59	18	0.62	227.37	239.74	259.85	0.92
33	1	24	6	29	17	0.71	1	0.04	188.90	200.18	245.34	0.82
56	1	27	3	29	8	0.30	5	0.19	213.07	196.84	276.89	0.71
71	0	27	3	29	23	0.85	0	0.00	211.76	230.08	241.85	0.95
75	0	7	23	29	1	0.14	3	0.43	54.83	55.00	61.86	0.89
37	1	24	5	29	15	0.62	14	0.58	189.35	199.68	244.47	0.82
73	0	25	5	29	15	0.60	0	0.00	195.99	215.09	224.15	0.96
74	1	24	6	29	6	0.25	7	0.29	188.90	220.51	245.34	0.90
35	1	25	5	29	18	0.72	16	0.64	197.24	195.88	254.64	0.77
70	0	23	7	29	19	0.83	21	0.91	180.46	174.81	205.89	0.85
36	0	17	9	29	5	0.29	4	0.24	133.36	143.27	150.66	0.95
72	1	22	8	29	18	0.82	0	0.00	173.08	120.62	223.62	0.54
85	1	20	9	29	4	0.20	15	0.75	157.35	169.94	203.32	0.84
86	0	20	9	29	16	0.80	19	0.95	157.11	158.45	177.83	0.89
79	1	20	9	29	19	0.95	0	0.00	157.41	204.04	204.04	1.00
84	0	21	9	29	2	0.10	20	0.95	164.87	170.52	186.63	0.91
77	1	18	10	29	17	0.94	0	0.00	141.55	147.07	184.34	0.80
42	0	20	10	29	11	0.55	9	0.45	157.14	167.63	177.46	0.94
54	1	13	11	29	2	0.15	6	0.46	102.34	116.69	132.25	0.88
46	0	17	12	29	8	0.47	3	0.18	133.54	140.16	150.09	0.93
83	0	15	15	29	7	0.47	2	0.13	117.70	122.05	132.83	0.92
52	1	12	18	29	4	0.33	0	0.00	94.21	87.28	122.21	0.71
62	1	10	19	29	4	0.40	0	0.00	78.55	71.99	101.62	0.71
91	1	7	23	29	5	0.71	0	0.00	54.87	69.41	70.48	0.98
39	0	5	25	29	3	0.60	1	0.20	39.09	41.87	44.01	0.95
all	0.52	21.88	6.72	28.22	12.58	0.54	8.05	0.34	172.00	181.92	209.54	0.87

*Table 1: Summary data of all players play in the RPS game. The mean values are unweighted.*

## 1.1 Description of table contents

**pid:** Player ID

**Role:** The role of the player, where 0 is row and 1 column.

**n rounds:** The number of rounds the player participated in.

**first:** The first round the player participated in.

**last:** The last round the player participated in.

**n same:** The number of rounds the player played the same strategy as in the previous round played.

**% same:** The share of rounds the player played the same strategy as in the previous round played.

**n mixed:** The number of rounds the player played a mixed strategy.

**% mixed:** The share of rounds the player played a mixed strategy.

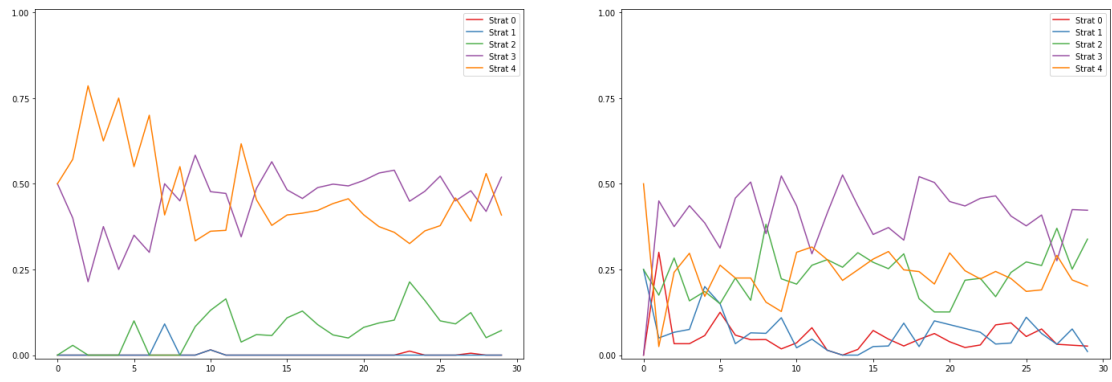
**payoff:** The actual payoff received by the player.

**opt payoff:** The maximal payoff the player could obtained given the rounds he/she participated in.

## 2 The Centipede Game

	2	4	6	8	10
1	2, 0	2, 0	2, 0	2, 0	2, 0
3	1, 3	4, 1	4, 1	4, 1	4, 1
5	1, 3	3, 7	10, 4	10, 4	10, 4
7	1, 3	3, 7	5, 13	18, 6	18, 6
9	1, 3	3, 7	5, 13	7, 23	30, 8

Game 2 - The Centipede Game



*Figure 2: Role population 1 to the left and role population 2 to the right. Strategies numbered in order of appearance.*

pid	role	n rounds	first	last	n same	% same	n mix	% mix	mix PO	PO	max PO	% PO
65	1	1	0	0	0	0.00	0	0.00	8.90	10.00	14.50	0.69
53	0	30	0	29	26	0.87	0	0.00	236.18	337.81	397.55	0.85
41	0	29	0	29	24	0.83	0	0.00	227.72	332.02	383.18	0.87
59	0	30	0	29	27	0.90	29	0.97	236.18	365.12	397.55	0.92
63	0	30	0	29	21	0.70	5	0.17	236.18	384.69	397.55	0.97
38	1	23	0	27	20	0.87	22	0.96	198.54	197.79	324.03	0.61
57	1	30	0	29	16	0.53	28	0.93	257.03	389.81	415.53	0.94
61	0	30	0	29	29	0.97	0	0.00	236.18	343.68	397.55	0.86
32	1	30	0	29	17	0.57	12	0.40	257.03	393.29	415.53	0.95
60	1	30	0	29	0	0.00	28	0.93	257.03	330.56	415.53	0.80
31	0	29	1	29	22	0.76	0	0.00	227.73	375.07	380.55	0.99
48	0	30	0	29	28	0.93	0	0.00	236.18	386.97	397.55	0.97
55	1	30	0	29	4	0.13	21	0.70	257.03	268.80	415.53	0.65
34	1	29	1	29	2	0.07	10	0.34	248.13	256.09	401.03	0.64
67	1	28	2	29	18	0.64	26	0.93	239.04	272.93	385.37	0.71
66	0	28	2	29	20	0.71	12	0.43	222.30	355.64	370.67	0.96
33	1	27	2	29	10	0.37	9	0.33	229.19	287.28	366.62	0.78
56	1	13	4	29	10	0.77	0	0.00	110.82	158.17	177.77	0.89
71	0	26	4	29	21	0.81	0	0.00	205.95	277.98	343.67	0.81
75	0	7	23	29	2	0.29	2	0.29	54.17	81.44	89.51	0.91
37	1	25	5	29	13	0.52	19	0.76	209.83	274.96	330.64	0.83
73	0	26	4	29	22	0.85	0	0.00	205.95	331.58	343.67	0.96
74	1	25	5	29	9	0.36	10	0.40	209.83	306.15	330.64	0.93
35	1	24	6	29	10	0.42	21	0.88	201.00	249.57	315.49	0.79
70	0	23	7	29	15	0.65	21	0.91	183.67	272.01	306.80	0.89
36	0	23	7	29	13	0.57	4	0.17	183.67	292.88	306.80	0.95
72	1	21	9	29	15	0.71	18	0.86	174.20	179.98	269.74	0.67
85	1	21	9	29	4	0.19	20	0.95	174.20	203.16	269.74	0.75
86	0	20	9	29	8	0.40	19	0.95	160.67	224.18	269.01	0.83
79	1	19	10	29	17	0.89	0	0.00	158.19	234.40	245.65	0.95
84	0	15	12	29	0	0.00	14	0.93	120.39	166.34	199.90	0.83
77	1	20	9	29	12	0.60	1	0.05	166.24	249.20	257.90	0.97
42	0	20	10	29	8	0.40	18	0.90	161.03	235.19	268.15	0.88
54	1	19	11	29	5	0.26	17	0.89	158.31	174.40	245.78	0.71
46	0	17	12	29	3	0.18	9	0.53	136.71	185.88	227.97	0.82
83	0	16	14	29	5	0.31	11	0.69	127.47	189.88	212.12	0.90
52	1	11	19	29	2	0.18	1	0.09	90.84	114.48	139.52	0.82
62	1	10	19	29	1	0.10	0	0.00	83.24	83.41	128.48	0.65
91	1	6	24	29	2	0.33	4	0.67	50.02	73.29	77.76	0.94
39	0	4	25	29	3	0.75	3	0.75	31.06	43.90	50.62	0.87
all	0.52	21.88	6.62	28.22	12.1	0.51	10.35	0.47	179.20	247.25	292.08	0.84

Table 2: Summary data of all players play in the Centipede game. The mean values are unweighted.

### 3 Forward induction made difficult

	$L$	$C$	$R$
$T$	12, 12	4, 4	0, 14
$M$	4, 4	12, 12	0, 0
$B$	0, 0	14, 0	2, 2
$Out$	6, 0	6, 0	6, 0

Game 3 - Forward induction made difficult

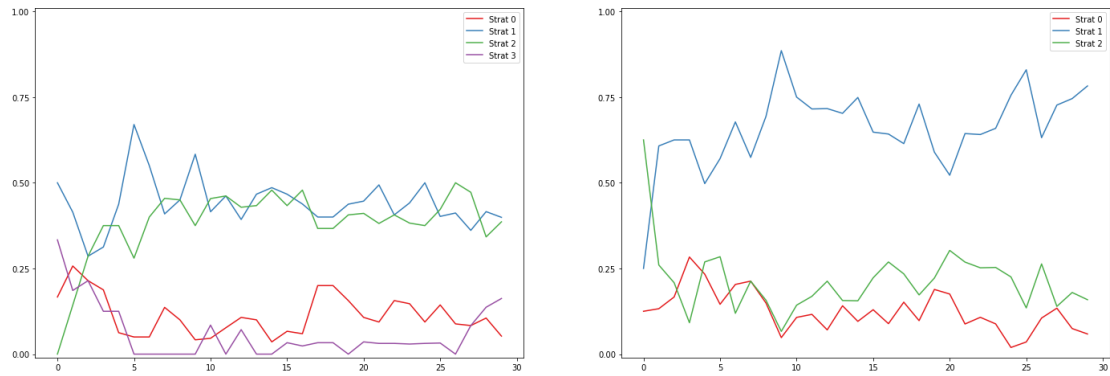


Figure 3: Role population 1 to the left and role population 2 to the right. Strategies numbered in order of appearance.

pid	role	n rounds	first	last	n same	% same	n mix	% mix	mix PO	PO	max PO	% PO
65	1	1	0	0	0	0.00	0	0.00	4.33	2.33	6.67	0.35
53	0	30	0	29	29	0.97	0	0.00	202.36	252.68	291.29	0.87
41	0	28	1	29	24	0.86	0	0.00	192.66	230.57	277.37	0.83
59	0	30	0	29	27	0.90	29	0.97	202.36	252.77	291.29	0.87
63	0	29	1	29	24	0.83	2	0.07	198.49	280.19	285.29	0.98
38	1	20	0	27	6	0.30	19	0.95	77.22	77.55	116.57	0.67
57	1	29	1	29	15	0.52	8	0.28	107.89	152.64	165.92	0.92
61	0	30	0	29	28	0.93	0	0.00	202.36	290.04	291.29	1.00
32	1	29	1	29	24	0.83	1	0.03	107.89	163.11	165.92	0.98
60	1	29	1	29	0	0.00	21	0.72	107.89	127.77	165.92	0.77
31	0	30	0	29	25	0.83	1	0.03	202.36	285.96	291.29	0.98
48	0	29	1	29	25	0.86	0	0.00	198.49	235.72	285.29	0.83
55	1	28	2	29	21	0.75	3	0.11	103.02	157.99	159.92	0.99
34	1	29	1	29	9	0.31	9	0.31	107.89	97.19	165.92	0.59
67	1	25	5	29	18	0.72	22	0.88	92.16	102.12	145.64	0.70
66	0	24	3	29	19	0.79	9	0.38	165.64	232.26	239.01	0.97
33	1	28	2	29	24	0.86	4	0.14	103.02	149.74	159.92	0.94
56	1	22	3	29	18	0.82	1	0.05	81.24	74.94	124.91	0.60
71	0	27	3	29	25	0.93	0	0.00	185.56	229.65	267.10	0.86
75	0	26	4	29	4	0.15	16	0.62	178.90	230.43	258.16	0.89
37	1	26	4	29	12	0.46	17	0.65	95.37	116.76	151.14	0.77
73	0	26	4	29	20	0.77	1	0.04	178.90	250.17	258.16	0.97
74	1	25	5	29	11	0.44	10	0.40	92.16	124.90	145.64	0.86
35	1	23	6	29	16	0.70	19	0.83	84.12	87.87	130.23	0.67
70	0	21	7	29	18	0.86	19	0.90	146.81	123.65	213.11	0.58
36	0	22	8	29	12	0.55	9	0.41	153.87	167.69	223.92	0.75
72	1	21	9	29	20	0.95	0	0.00	76.65	119.34	119.34	1.00
85	1	22	8	29	5	0.23	12	0.55	80.35	116.39	125.14	0.93
86	0	19	10	29	13	0.68	18	0.95	132.17	178.54	192.30	0.93
79	1	19	10	29	18	0.95	0	0.00	69.02	105.80	105.80	1.00
84	0	6	21	29	0	0.00	4	0.67	43.19	59.86	63.68	0.94
77	1	21	9	29	6	0.29	2	0.10	76.65	96.15	119.34	0.81
42	0	17	11	29	12	0.71	2	0.12	117.34	59.06	170.25	0.35
54	1	17	11	29	7	0.41	7	0.41	61.66	78.02	95.03	0.82
46	0	16	13	29	3	0.19	13	0.81	109.75	116.69	158.75	0.74
83	0	16	14	29	4	0.25	8	0.50	110.00	102.19	159.62	0.64
52	1	9	21	29	5	0.56	0	0.00	32.51	43.57	49.82	0.87
62	1	10	19	29	6	0.60	0	0.00	36.33	39.29	55.60	0.71
91	1	6	24	29	3	0.50	1	0.17	20.61	30.85	32.14	0.96
39	0	2	28	29	1	0.50	0	0.00	14.83	12.00	22.07	0.54
all	0.52	21.68	6.78	28.22	13.92	0.59	7.18	0.33	113.85	141.36	168.64	0.81

*Table 3: Summary data of all players play in the difficult forward induction game. The mean values are unweighted.*