

Table S1  
*All description-based games used in the current study*

Set	Game	Option A				Option B				Pr(Choose A)	
		$A_H$	(Pr <sub>H</sub> )	$A_L$	(Pr <sub>L</sub> )	$B_H$	(Pr <sub>H</sub> )	$B_L$	(Pr <sub>L</sub> )	No FB	FB
1	1	3	(1)	–	–	4	(.8)	0	(.2)	.41	.16
1	2	3	(.25)	0	(.75)	4	(.2)	0	(.8)	.25	.13
1	3	-1	(1)	–	–	0	(.5)	-2	(.5)	.28	.1
1	4	1	(1)	–	–	2	(.5)	0	(.5)	.5	.18
1	5	-3	(1)	–	–	0	(.2)	-4	(.8)	.31	.18
1	6	0	(.75)	-3	(.25)	0	(.8)	-4	(.2)	.46	.31
1	7	-1	(1)	–	–	0	(.95)	-20	(.05)	.38	.12
1	8	1	(1)	–	–	20	(.05)	0	(.95)	.47	.34
1	9	1	(1)	–	–	100	(.01)	0	(.99)	.38	.34
1	10	2	(1)	–	–	101	(.01)	1	(.99)	.32	.33
1	11	19	(1)	–	–	20	(.9)	-20	(.1)	.78	.53
1	12	0	(1)	–	–	50	(.5)	-50	(.5)	.55	.22
1	13	0	(1)	–	–	50	(.5)	-50	(.5)	.5	.22
1	14	0	(1)	–	–	1	(.5)	-1	(.5)	.38	.29
1	15	7	(1)	–	–	50	(.5)	1	(.5)	.09	.01
1	16	7	(1)	–	–	50	(.5)	-1	(.5)	.16	.02
1	17	30	(1)	–	–	50	(.5)	1	(.5)	.63	.32
1	18	30	(1)	–	–	50	(.5)	-1	(.5)	.65	.3
1	24	-2	(1)	–	–	-1	(.5)	-3	(.5)	.38	.19
1	25	2	(1)	–	–	3	(.5)	1	(.5)	.49	.26
1	26	16	(1)	–	–	50	(.4)	1	(.6)	.3	.06
1	28	6	(.5)	0	(.5)	9	(.5)	0	(.5)	.02	.01
1	29	2	(1)	–	–	3	(1)	–	–	.02	0
1	30	6	(.5)	0	(.5)	8	(.5)	0	(.5)	.02	0
2	32	24	(.75)	-4	(.25)	82	(.25)	3	(.75)	.16	.06
2	33	-3	(1)	–	–	14	(.4)	-22	(.6)	.51	.28
2	35	-5	(1)	–	–	47	(.01)	-15	(.99)	.69	.73
2	37	23	(.9)	0	(.1)	64	(.4)	-7	(.6)	.38	.21
2	38	24	(1)	–	–	34	(.05)	28	(.95)	.05	0
2	43	14	(1)	–	–	12	(.9)	9	(.1)	.8	.83
2	44	23	(1)	–	–	24	(.99)	-33	(.01)	.6	.31
2	46	37	(.01)	9	(.99)	30	(.6)	-37	(.4)	.65	.31
2	51	42	(.8)	-18	(.2)	68	(.2)	23	(.8)	.1	.04
2	52	46	(.2)	0	(.8)	46	(.25)	-2	(.75)	.51	.41
2	53	28	(1)	–	–	42	(.75)	-22	(.25)	.49	.26
2	54	18	(1)	–	–	64	(.5)	-33	(.5)	.47	.31
2	56	-8	(1)	–	–	-5	(.99)	-34	(.01)	.14	.02

2	58	85 (.4)	-7 (.6)	40 (.25)	24 (.75)	.23	.17
2	59	17 (.25)	16 (.75)	43 (.4)	2 (.6)	.25	.12
2	60	51 (.1)	21 (.9)	38 (.6)	1 (.4)	.38	.32
3	62	25 (1)	– –	45 (.2)	17 (.8)	.48	.28
3	65	12 (.4)	-16 (.6)	-5 (1)	– –	.49	.2
3	67	85 (.25)	4 (.75)	54 (.25)	11 (.75)	.41	.2
3	68	12 (1)	– –	102 (.2)	-14 (.8)	.49	.19
3	70	18 (1)	– –	35 (.75)	-19 (.25)	.46	.11
3	71	13 (.6)	-20 (.4)	76 (.2)	-26 (.8)	.44	.21
3	72	-9 (1)	– –	13 (.25)	-8 (.75)	.11	0
3	75	13 (1)	– –	50 (.6)	-45 (.4)	.46	.19
3	77	1 (1)	– –	38 (.4)	-9 (.6)	.21	.02
3	78	19 (1)	– –	44 (.05)	9 (.95)	.8	.62
3	79	32 (.01)	19 (.99)	65 (.01)	9 (.99)	.7	.79
3	80	3 (1)	– –	50 (.4)	-36 (.6)	.42	.16
3	83	9 (1)	– –	64 (.01)	9 (.99)	.08	.01
3	84	27 (1)	– –	22 (.99)	-7 (.01)	.85	.92
3	85	20 (1)	– –	70 (.25)	6 (.75)	.34	.14
3	89	17 (1)	– –	44 (.1)	17 (.9)	.09	0
3	90	10 (1)	– –	31 (.75)	-49 (.25)	.41	.1
4	91	7 (1)	– –	16 (.1)	10 (.9)	.04	0
4	92	8 (.8)	-37 (.2)	102 (.2)	-29 (.8)	.36	.18
4	94	7 (1)	– –	6 (.75)	1 (.25)	.78	.89
4	96	35 (.5)	-47 (.5)	-10 (.75)	-15 (.25)	.45	.24
4	97	10 (1)	– –	45 (.2)	-5 (.8)	.59	.32
4	100	18 (.6)	-29 (.4)	-1 (1)	– –	.22	.1
4	104	-6 (1)	– –	3 (.99)	-27 (.01)	.05	.01
4	105	30 (1)	– –	90 (.01)	36 (.99)	.06	0
4	108	16 (1)	– –	91 (.2)	-11 (.8)	.52	.34
4	109	11 (1)	– –	26 (.5)	-9 (.5)	.41	.2
4	111	28 (1)	– –	47 (.6)	-13 (.4)	.52	.16
4	114	72 (.01)	-2 (.99)	112 (.25)	-33 (.75)	.31	.14
4	117	-6 (1)	– –	7 (.5)	-30 (.5)	.48	.21
4	120	-9 (.95)	-26 (.05)	-1 (.1)	-11 (.9)	.29	.2
5	122	68 (.05)	-14 (.95)	-11 (.9)	-36 (.1)	.46	.28
5	123	28 (.75)	-13 (.25)	57 (.1)	16 (.9)	.08	.02
5	124	15 (.95)	7 (.05)	42 (.01)	19 (.99)	.06	0
5	125	28 (1)	– –	41 (.4)	12 (.6)	.44	.22
5	128	-3 (1)	– –	32 (.4)	-16 (.6)	.15	.04
5	130	72 (.4)	-41 (.6)	16 (.01)	1 (.99)	.21	.1

5	131	18	(1)	–	–	45	(.01)	11	(.99)	.65	.65
5	135	6	(1)	–	–	8	(.5)	-1	(.5)	.55	.35
5	136	4	(1)	–	–	25	(.01)	-5	(.99)	.72	.75
5	138	23	(1)	–	–	21	(.8)	16	(.2)	.78	.8
5	140	-2	(1)	–	–	9	(.25)	8	(.75)	.01	0
5	141	28	(.8)	-26	(.2)	22	(.75)	2	(.25)	.09	.01
5	142	23	(1)	–	–	29	(.8)	-8	(.2)	.48	.15
5	143	67	(.5)	-39	(.5)	93	(.25)	-15	(.75)	.25	.02
6	157	16	(1)	–	–	33	(.5)	14	(.5)	.03	0
6	159	14	(1)	–	–	20	(.95)	16	(.05)	.03	0
6	160	60	(.1)	19	(.9)	34	(.8)	23	(.2)	.06	.01
6	162	39	(.6)	14	(.4)	48	(.25)	24	(.75)	.19	.07
6	163	25	(1)	–	–	35	(.2)	12	(.8)	.75	.49
6	164	1	(.5)	1	(.5)	40	(.01)	-4	(.99)	.77	.61
6	166	-6	(1)	–	–	15	(.6)	-10	(.4)	0	0
6	167	13	(1)	–	–	12	(.8)	8	(.2)	.86	.9
6	172	21	(1)	–	–	26	(.8)	-24	(.2)	.63	.28
7	182	28	(1)	–	–	27	(.95)	-11	(.05)	.9	.94
7	185	7	(1)	–	–	18	(.99)	-19	(.01)	.08	0
7	186	19	(1)	–	–	97	(.1)	5	(.9)	.5	.23
7	187	-3	(1)	–	–	43	(.2)	-20	(.8)	.44	.21
7	189	2	(1)	–	–	4	(.75)	-23	(.25)	.65	.34
7	190	10	(1)	–	–	28	(.2)	-1	(.8)	.62	.28
7	191	16	(1)	–	–	15	(.8)	-12	(.2)	.89	.91
7	192	10	(1)	–	–	59	(.01)	4	(.99)	.68	.49
7	200	16	(1)	–	–	40	(.6)	-15	(.4)	.39	.09
7	202	53	(.1)	27	(.9)	32	(.95)	9	(.05)	.25	.15
7	207	22	(.9)	-41	(.1)	14	(.99)	6	(.01)	.19	.12

*Note.* Each of the description-based games used in study 1 are shown here, along with the set of games that they belong to.  $A_H$  = high outcome for option A.  $A_L$  = low outcome for option A (same notation for option B).  $Pr_H$  = high outcome for given option.  $Pr_L$  = low outcome for given option.  $Pr(\text{Choose A})$  indicates the portion of trials that subjects choose option A both in the 5 trials before feedback (No FB) and in the remaining 20 trials following feedback (FB).

Figure S1.

Posterior predictive simulations for set 1, games 1-6

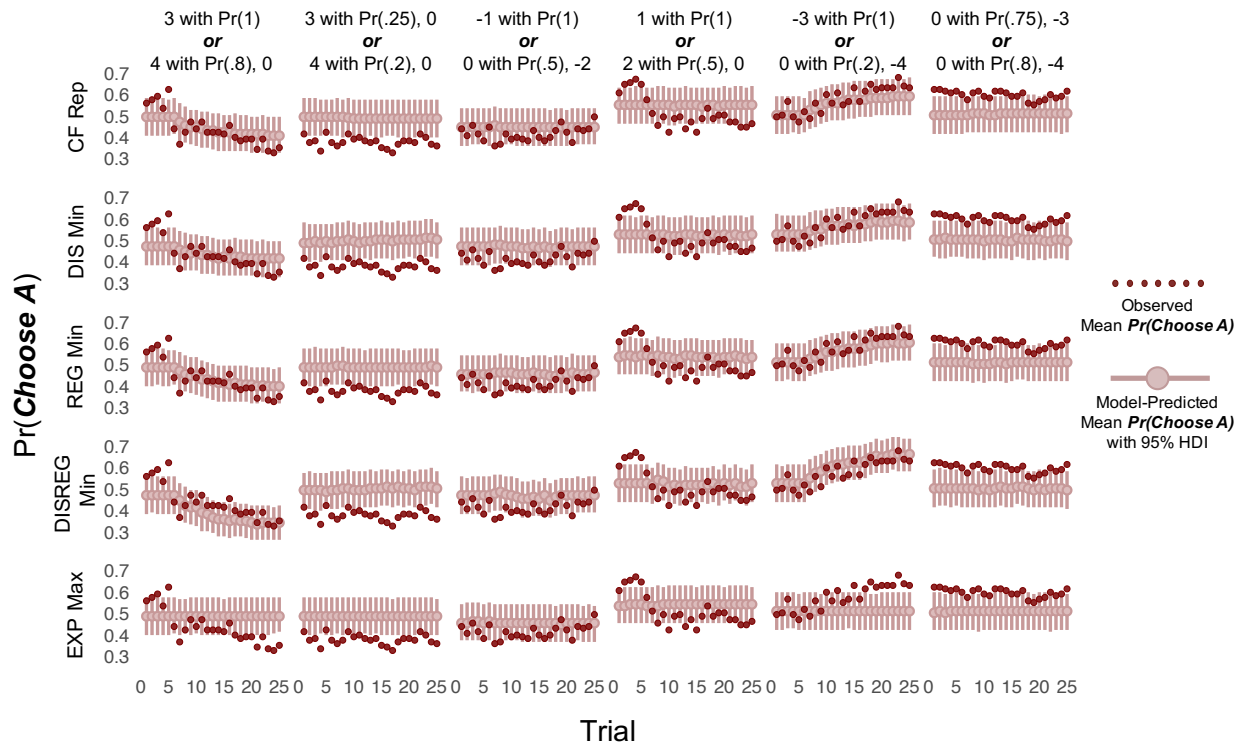


Figure S2.

Posterior predictive simulations for set 1, games 7-12

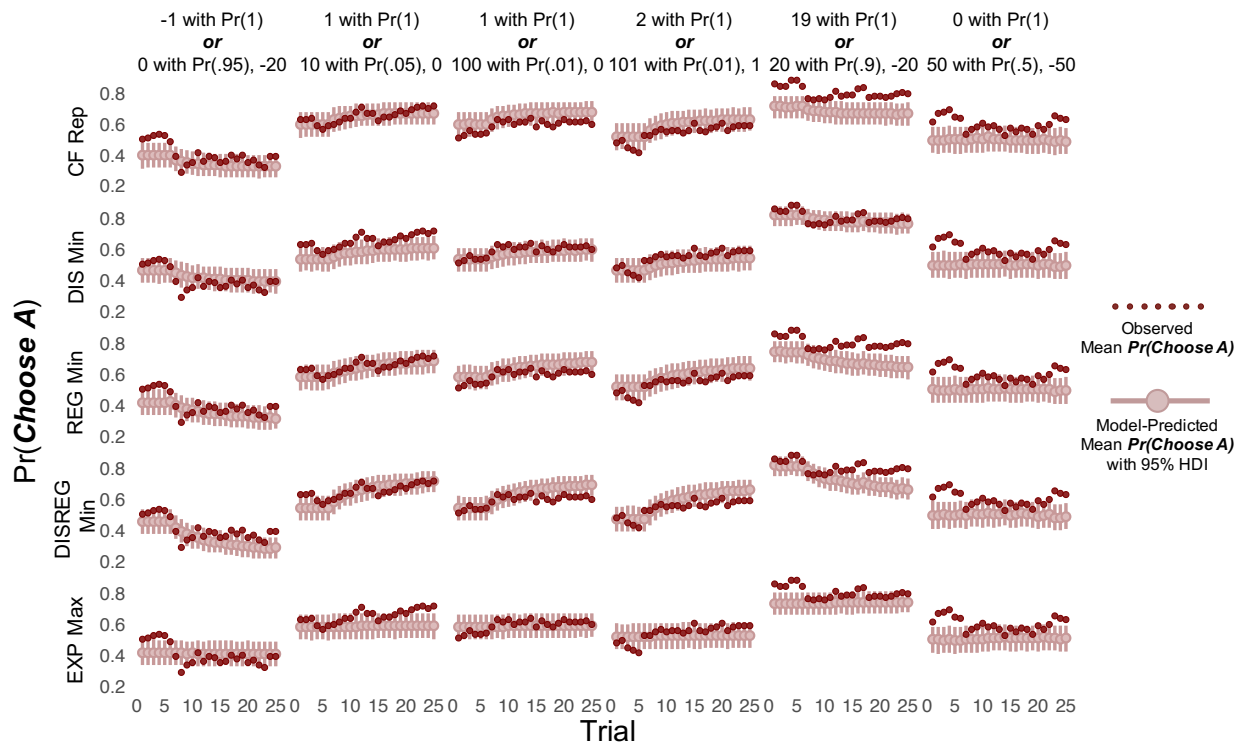


Figure S3.

*Posterior predictive simulations for set 1, games 13-18*

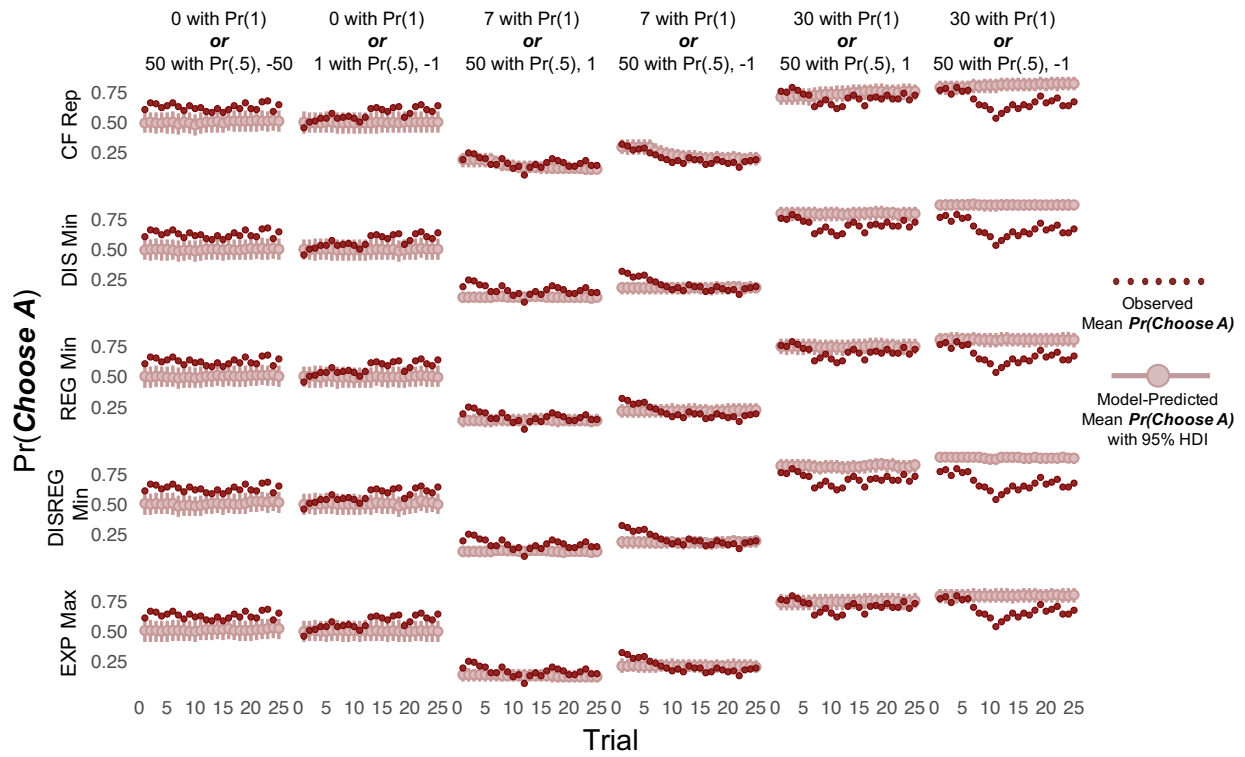


Figure S4.

*Posterior predictive simulations for set 1, games 24-26 and 28-30*

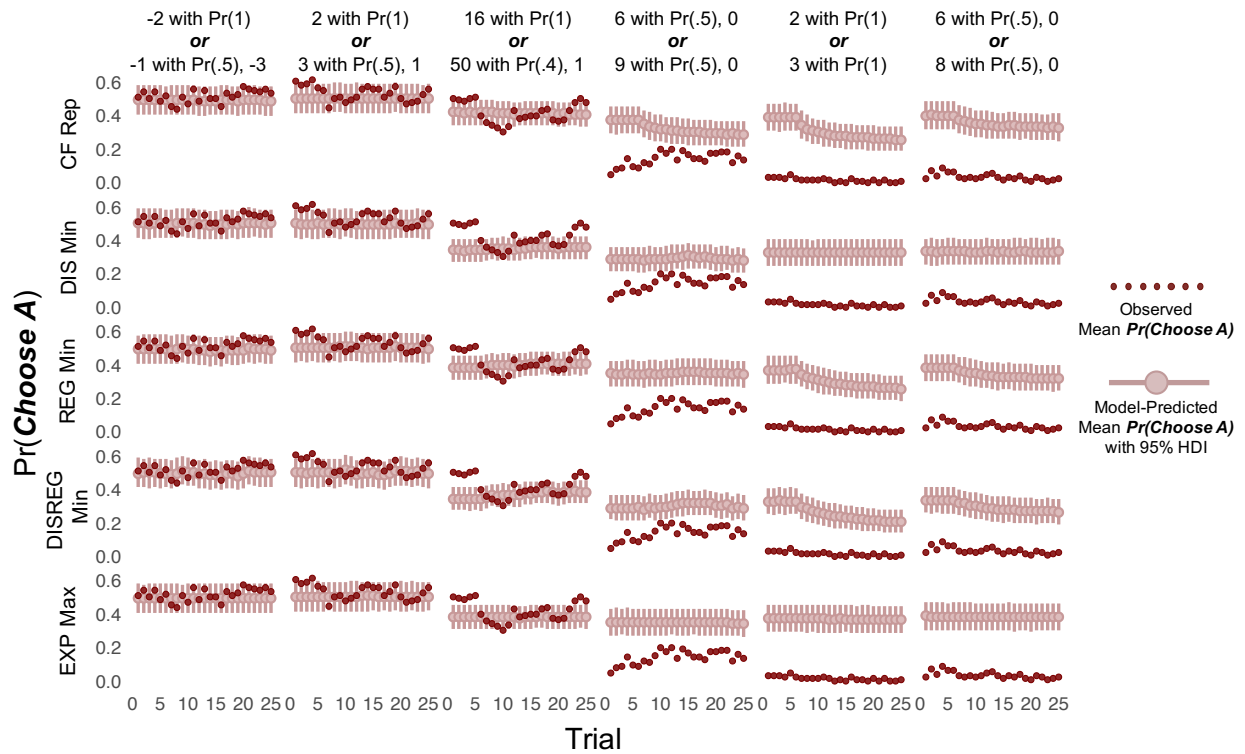


Figure S5.

Posterior predictive simulations for set 2, games 32, 33, 35, 37, 38, and 43

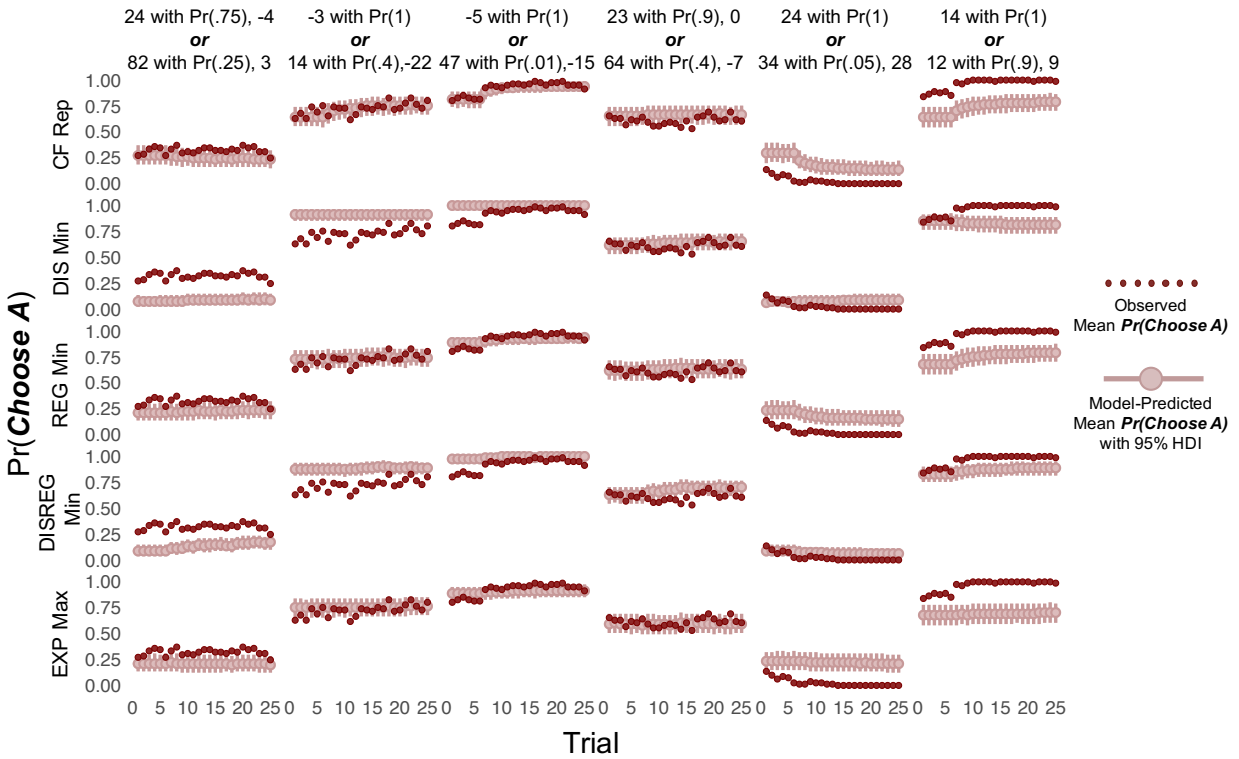


Figure S6.

Posterior predictive simulations for set 2, games 44, 46, 51, and 52-54

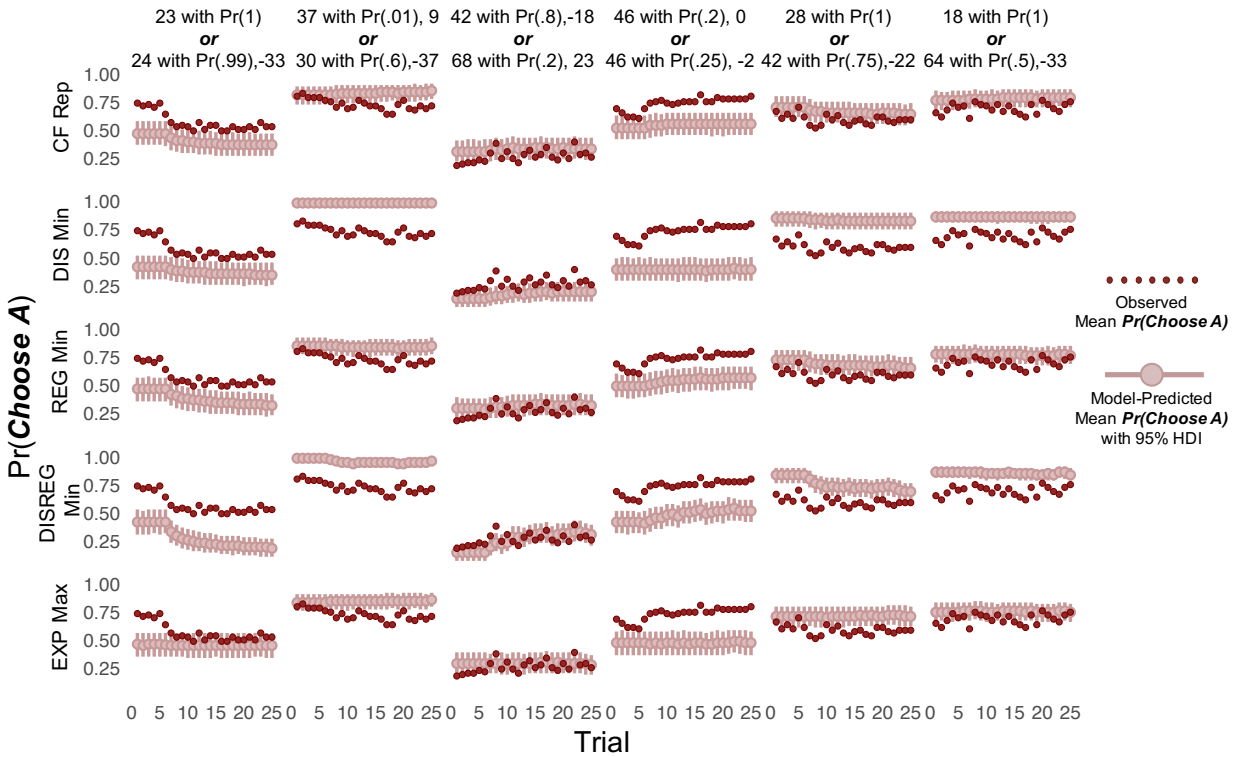


Figure S7.

Posterior predictive simulations for set 2, games 56, and 58-60

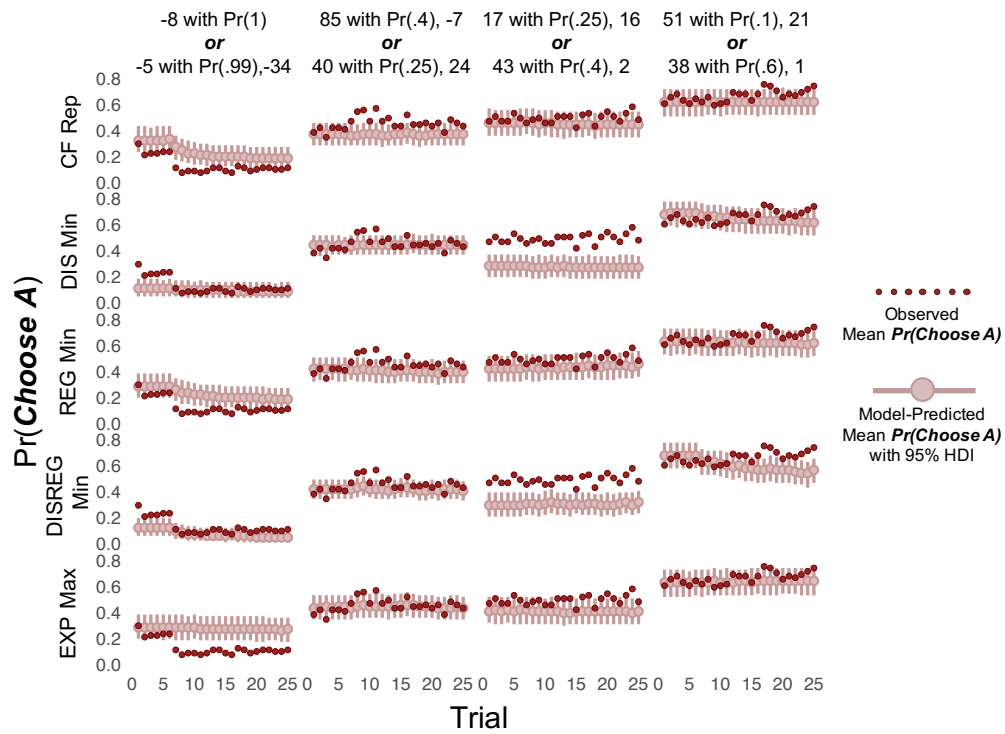


Figure S8.

Posterior predictive simulations for set 3, games 62, 65, 67, 68, 70, and 71

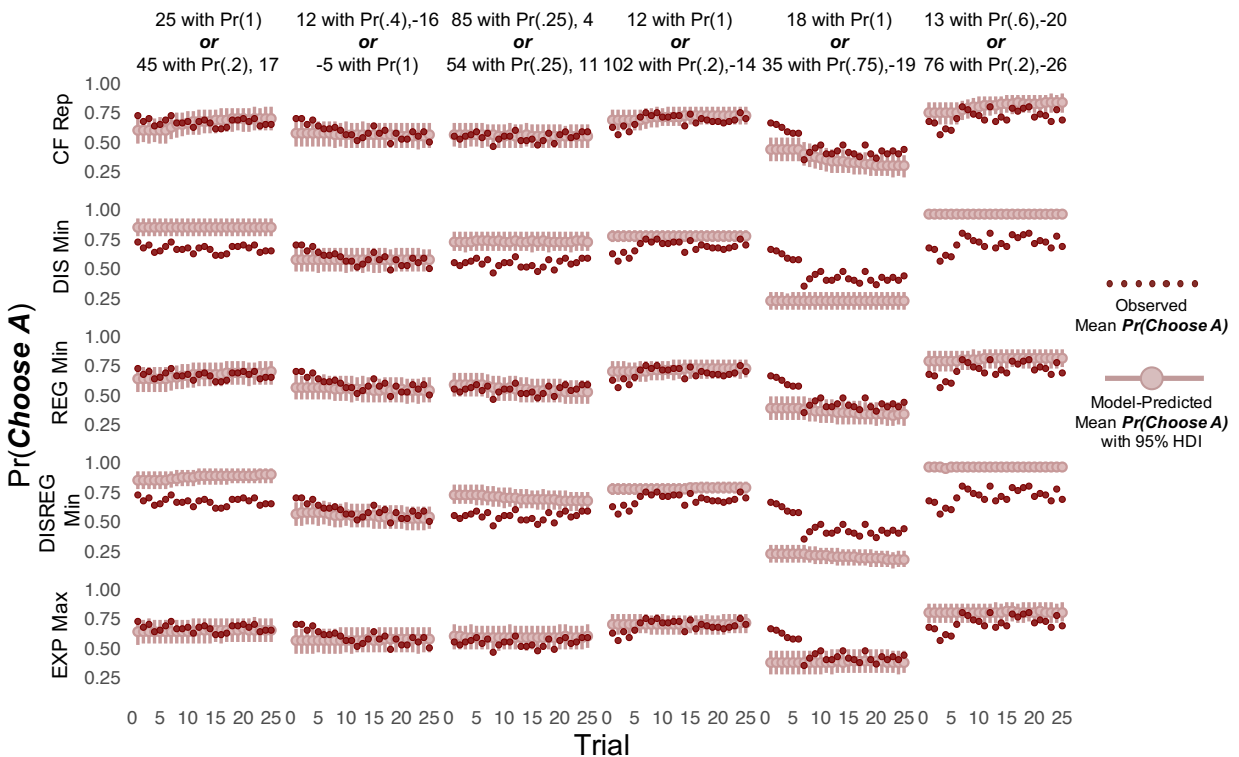


Figure S9.

Posterior predictive simulations for set 3, games 72, 75, 77, and 78-80

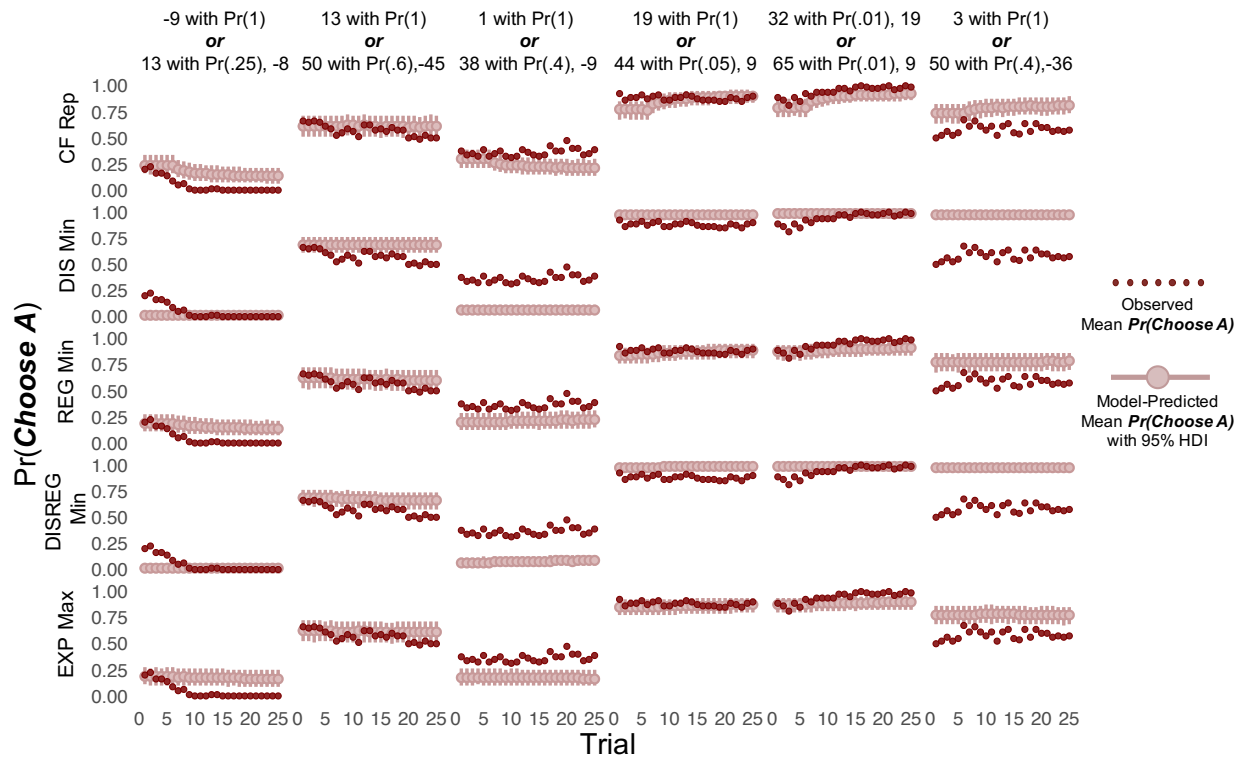


Figure S10.

Posterior predictive simulations for set 3, games 83-85, 89, and 90

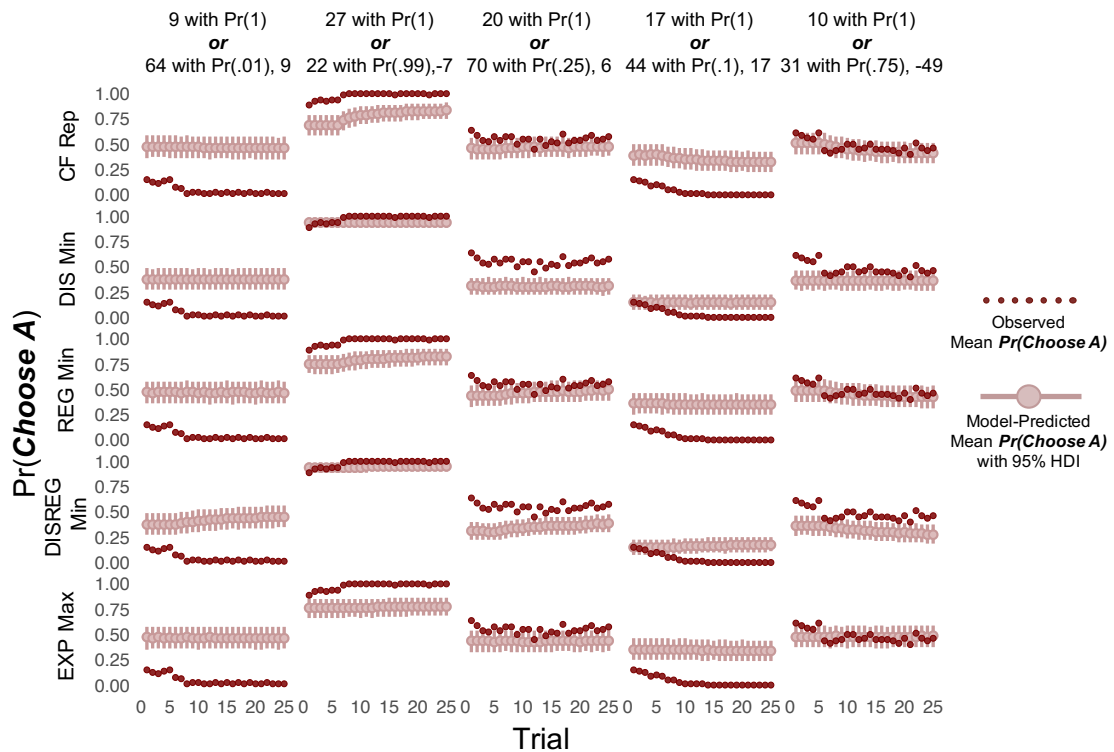




Figure S11.

Posterior predictive simulations for set 4, games 91, 92, 94, 96, 97, and 100

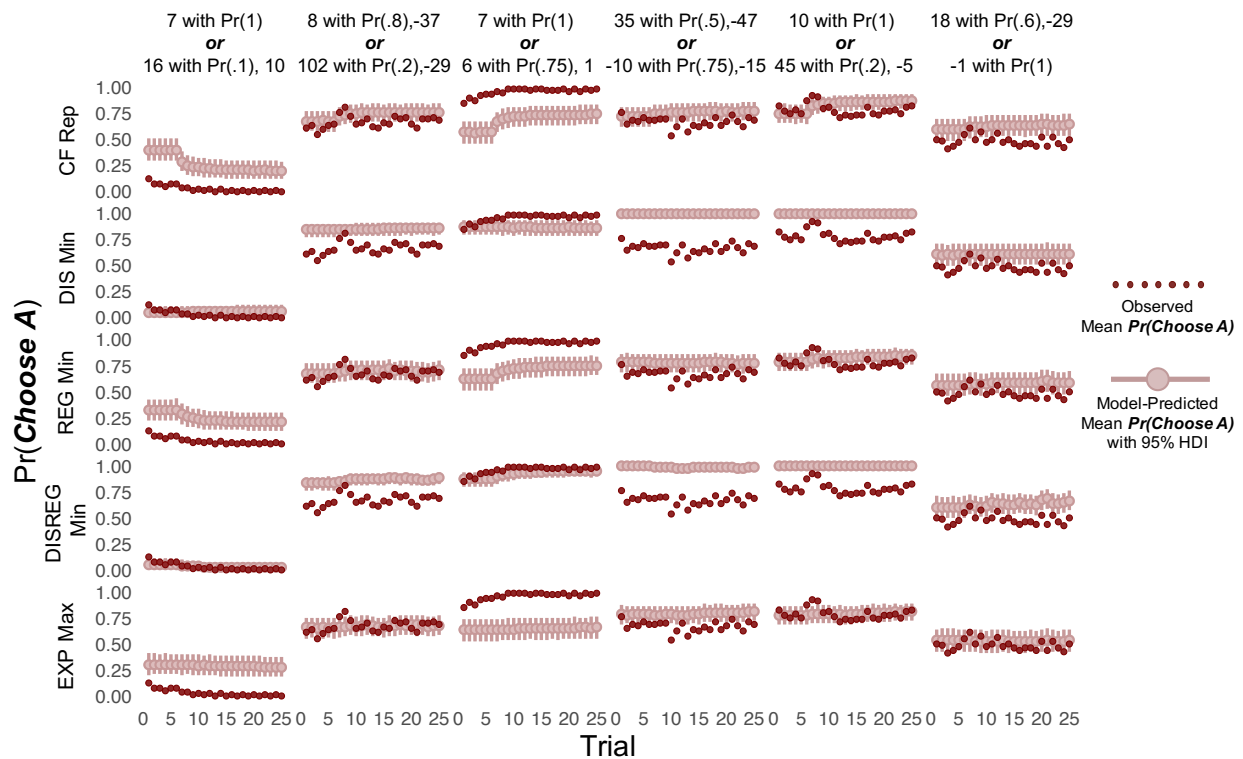


Figure S12.

Posterior predictive simulations for set 4, games 104, 105, 108, 109, 111, and 114

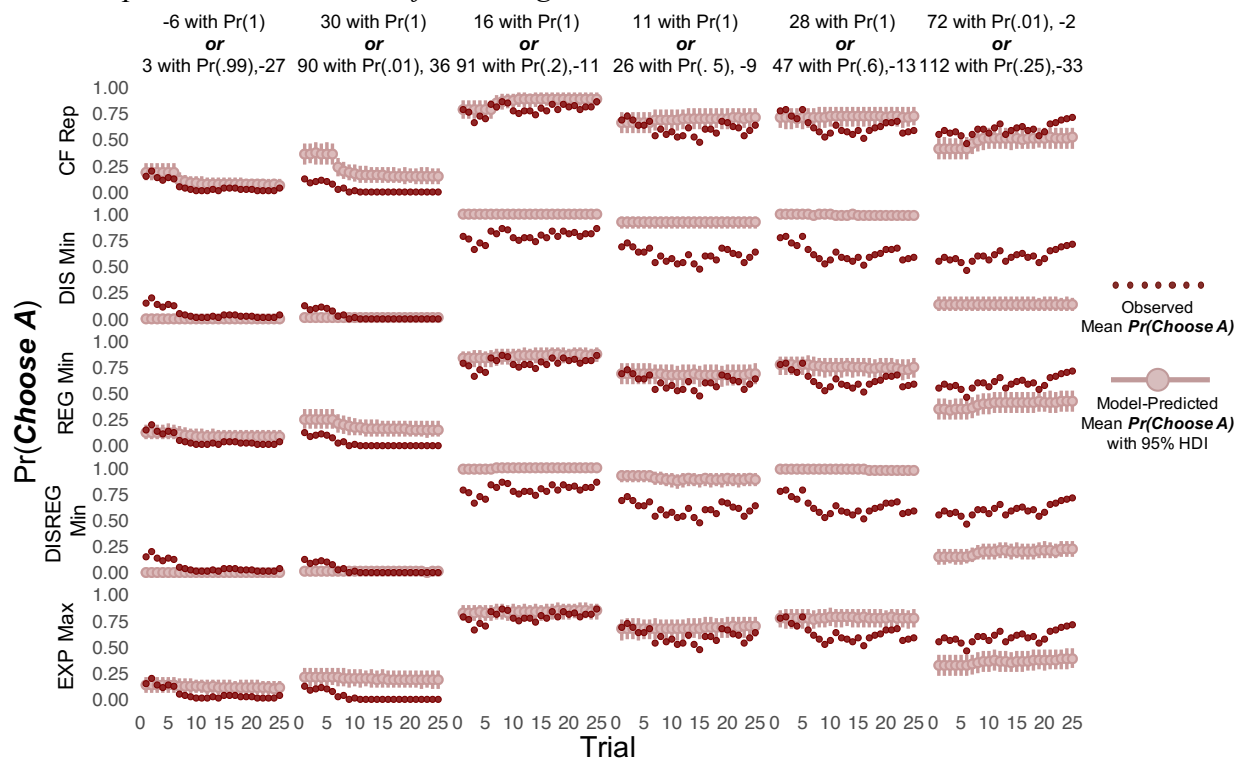


Figure S13.

Posterior predictive simulations for set 4, games 117 and 120

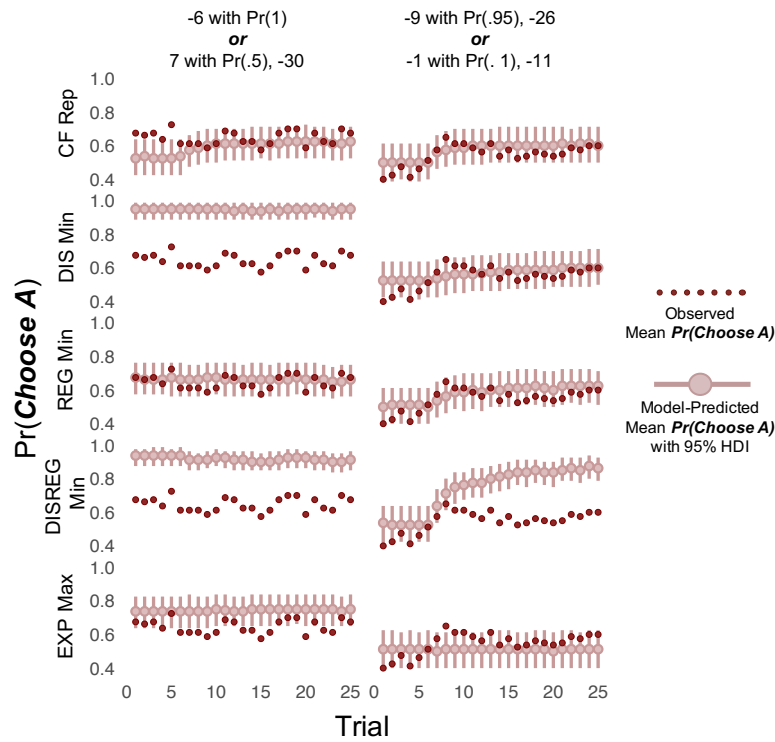


Figure S14.

Posterior predictive simulations for set 4, games 122-125, 128, and 130

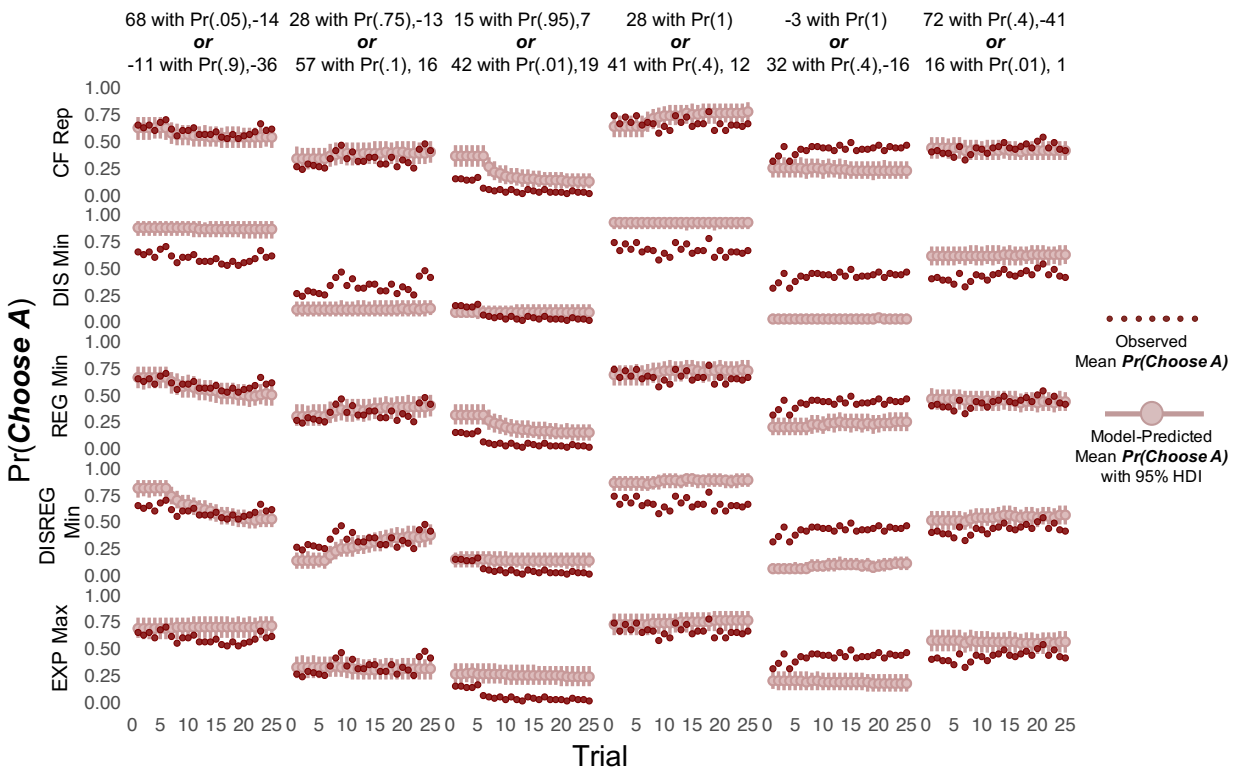


Figure S15.

Posterior predictive simulations for set 5, games 131, 135, 136, 138, 140, and 141

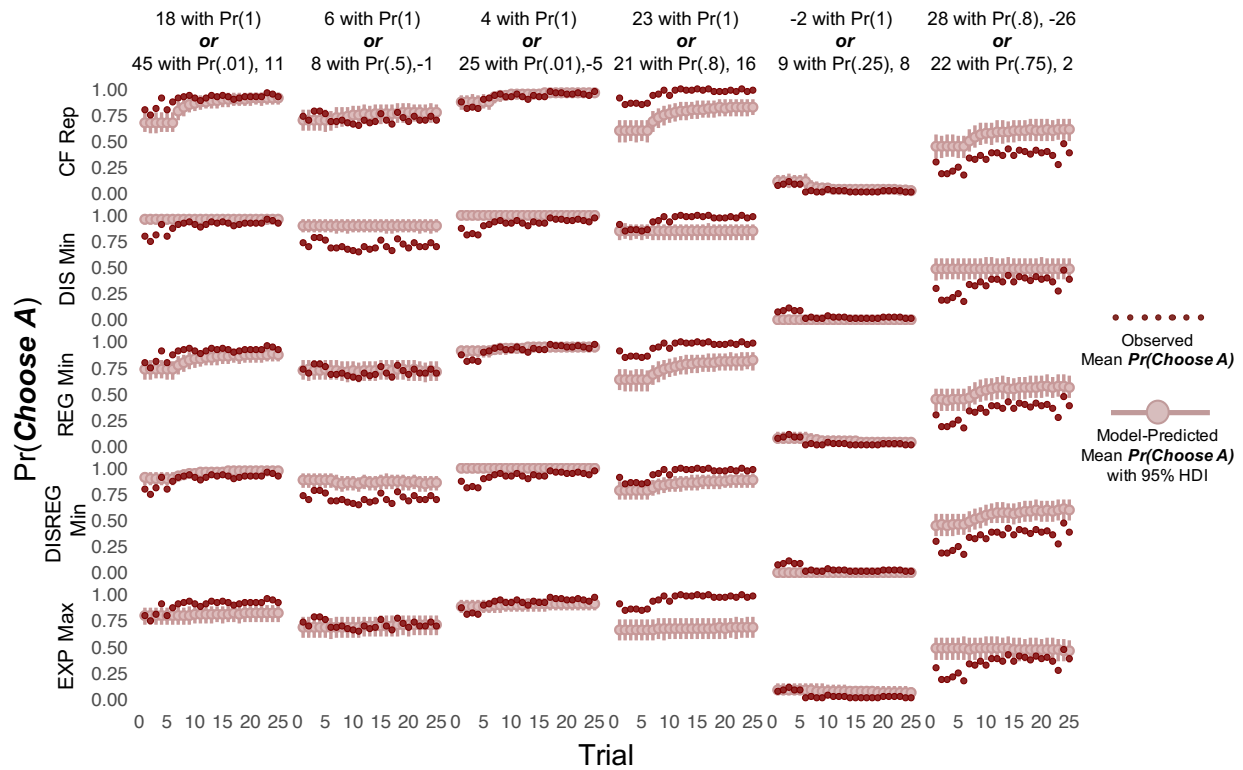


Figure S16.

Posterior predictive simulations for set 5, games 142 and 143

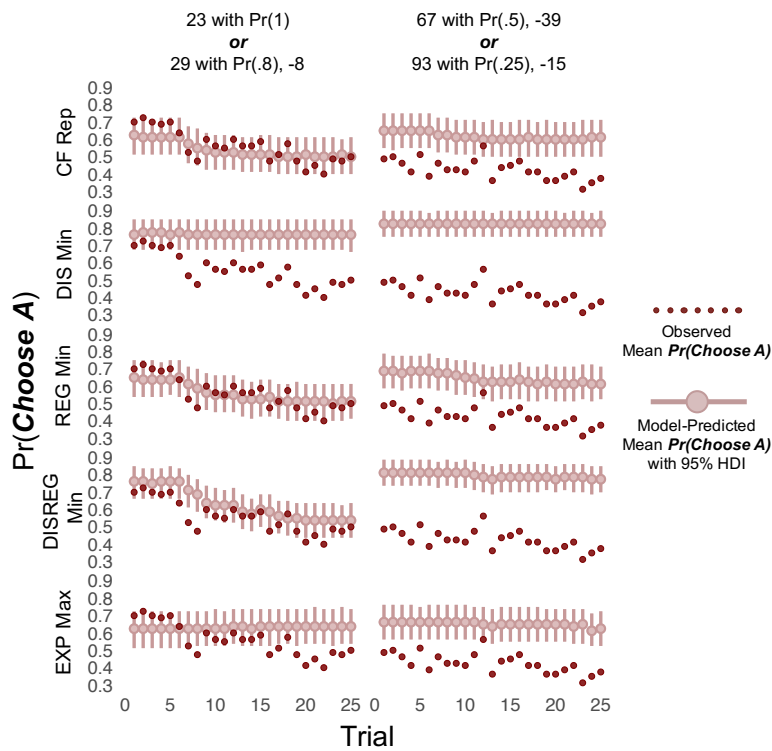


Figure S17.

Posterior predictive simulations for set 6, games 157, 159, 160, 162, 163, and 164

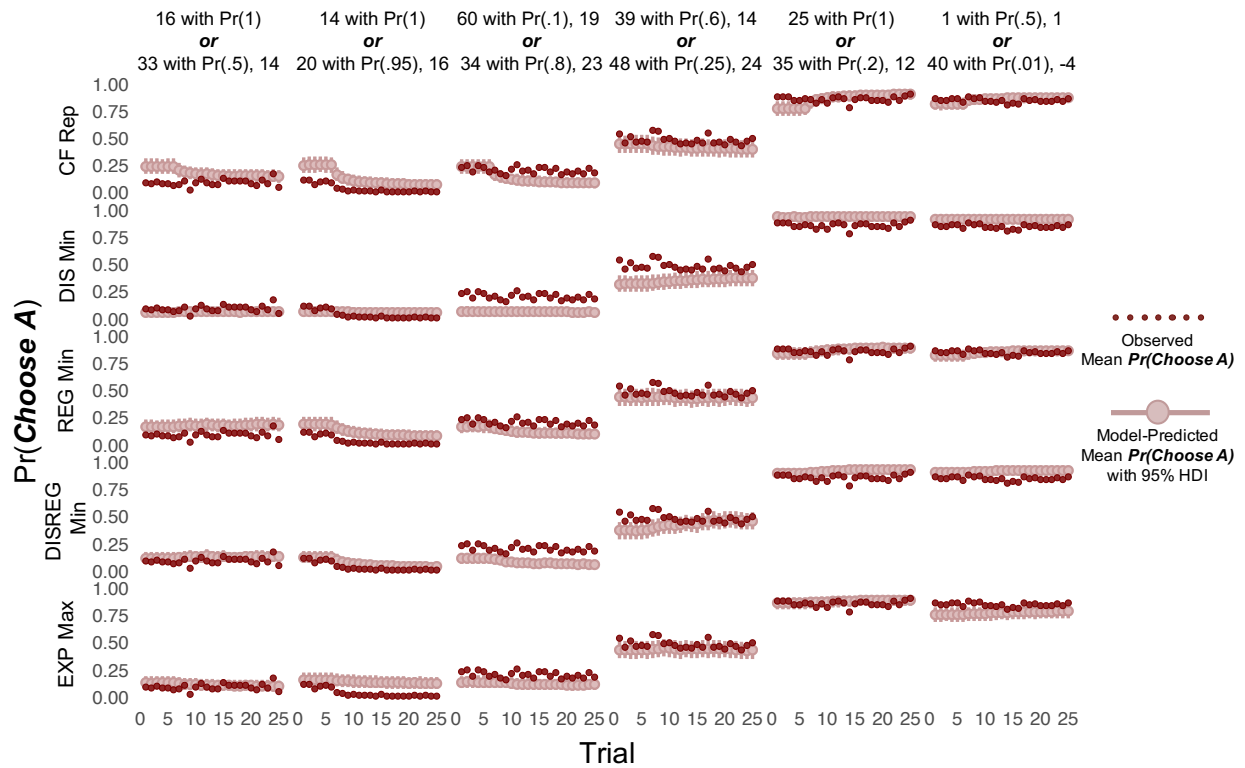


Figure S18.

Posterior predictive simulations for set 6, games 166, 167, and 172

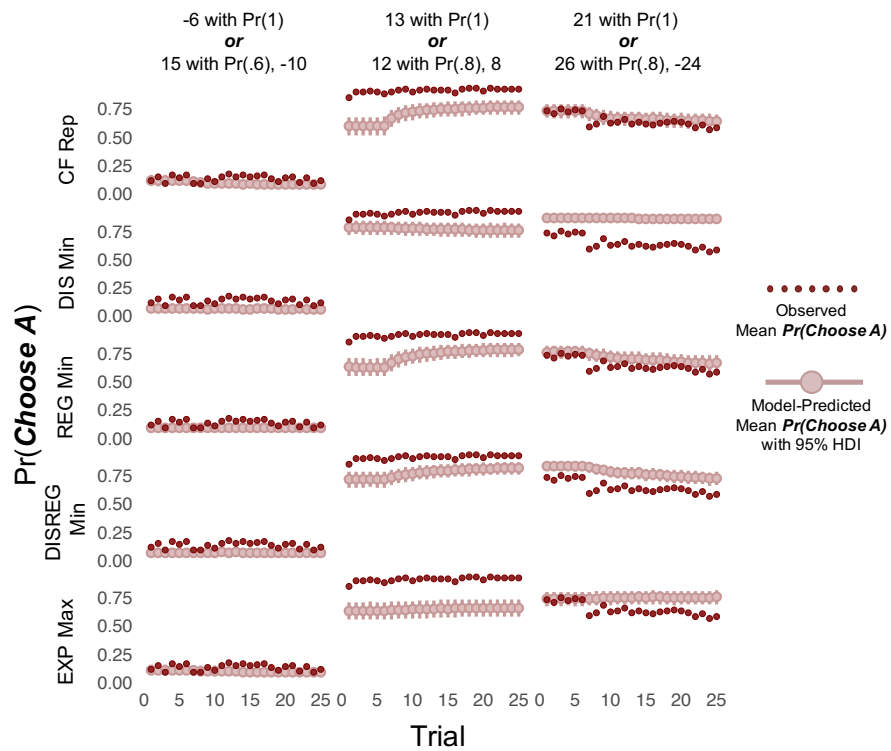


Figure S19.

Posterior predictive simulations for set 7, games 182, 185-187, 189, and 190

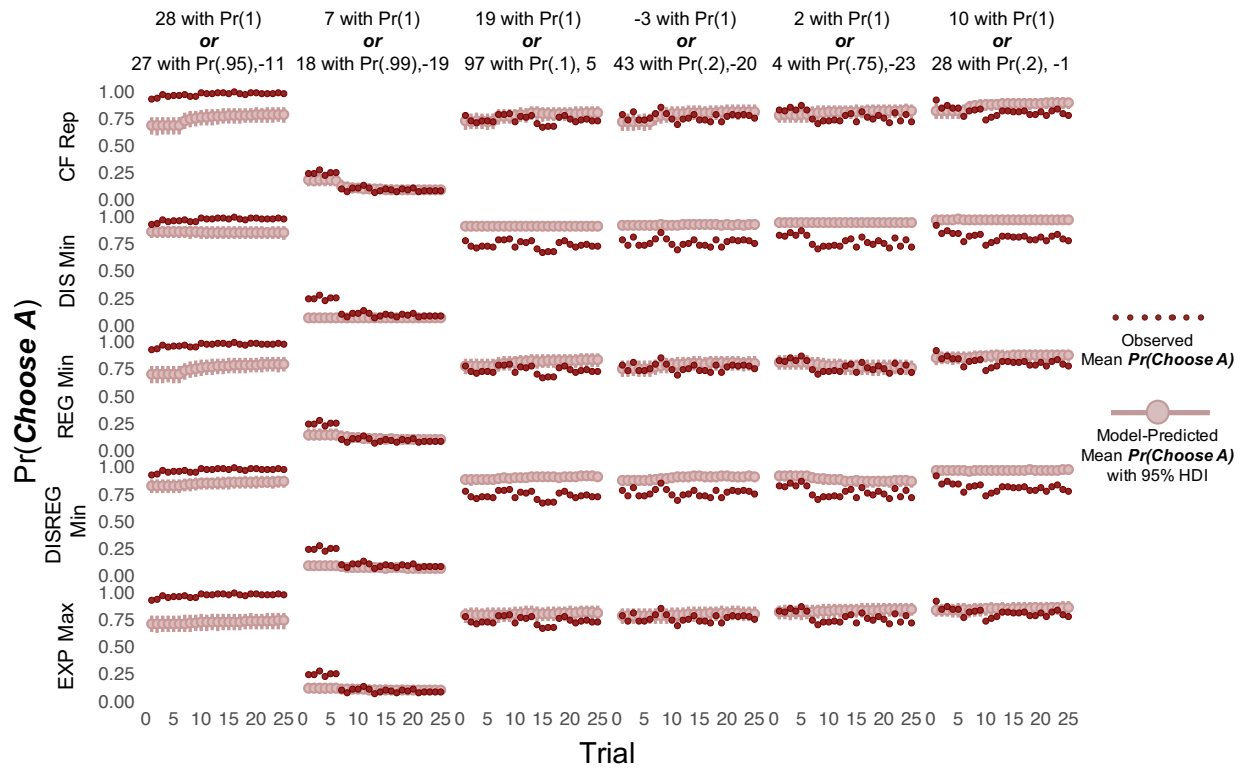


Figure S20.

Posterior predictive simulations for set 7, games 191, 192, 200, 202, and 207

