Supplementary Table 1: Models 1.0, 1.1, 1.2, and 1.3 investigating the impact of reward value, harshness, and variability on participants' likelihood of switching jars in Study 1. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model. d) Contrasted predictions between Harsh and Not Harsh conditions for responsive switching, characterized by switching after finding rewards between 0-25, from the best fit model.

a)		WAIC diff	se	`						
	Model 1.3	0	0	Мо	del1.3 🕇 🍨					
	Model 1.2	-93.2	14.4	Мо	del1.2 - ■)				
	Model 1.1	-1446.4	51.1	Мо	del1.1	•				
	Model 1.0	-6864.6	95.1		del1.0			•		
				1410	uei i.u					
						20000 2400				
						WA	IC			
b)	Mo	odel 1.0	Mo	del 1.1	Мо	del 1.2	Model 1.3			
Predictors	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)		
Intercept	-1.12	-1.31 – -0.94	4.39	3.95 - 4.86	8.12	7.37 - 8.96	7.67	6.88 - 8.53		
rewardfoun	d		-0.08	-0.090.08	-0.14	-0.150.13	-0.13	-0.140.12		
harshness:	harsh				0.11	-0.33 - 0.54	0.78	0.10 - 1.46		
universe: uv	v				-4.54	-5.32 – -3.81	-4.02	-4.833.23		
harshnessh	arsh:rewardfo	ound			-0.00	-0.01 - 0.00	-0.01	-0.020.00		
universeuv:	rewardfound				0.07	0.06 - 0.08	0.06	0.05 - 0.08		
harshnessh	arsh:universe	euv					-0.72	-1.31 – -0.14		
harshnessh	arsh:universe	euv:rewardfound					0.01	-0.00 - 0.02		
c)	Not Ha	rsh – Harsh	HDP 2.5%	HDP 97.5%	Not Har	sh – Harsh	HDP 2.5%	HDP 97.5%		
	Stable Res	sponsive (0-45)	-0.05	0.00	Stable Fle	ctive (55-100)	-0.08	0.03		
		esponsive (0-45)	-0.03	0.07		ective (55-100)	-0.02	0.11		
	variable No		0.00	0.01	Variable Eli	331173 (33 130)	0.02	0.11		
d)	Not Ha	rsh – Harsh	HDP 2.5%	HDP 97.5%				_		
	Stable Res	sponsive (0-25)	-0.01	0						
	Variable Re	esponsive (0-25)	-0.02	0.03						

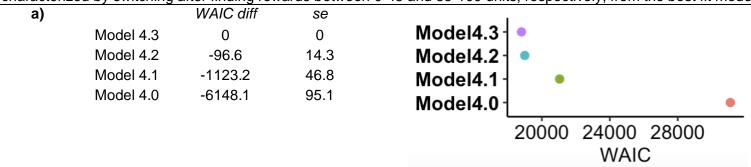
Supplementary Table 2: Models 2.0, 2.1, 2.2, and 2.3 investigating the impact of reward value, harshness, and variability on participants' likelihood of switching jars <u>including age, sex, and specific reward schedule</u> in Study 1. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model.

a)	is, respectively	, from the best to WAIC diff	se	`				
				М	odel2.3	•		
				М	odel2.2	•		
	Model 2.3	0	0	М	odel2.1	•		
	Model 2.2	-93.8	14.5	М	odel2.0			•
	Model 2.1	-1446.9	51.1			20000 240	00 38000	
	Model 2.0	-6864.6	192.52			20000 240 WA		
b)	Мо	del 2.0	Mod	del 2.1	Мо	del 2.2	Mod	lel 2.3
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)
Intercept	-1.12	-1.29 — -0.95	4.37	3.75 - 5.01	8.17	7.31 – 9.08	7.74	6.89 - 8.64
rewardfour	rewardfound			-0.090.08	-0.14	-0.15 – -0.13	-0.13	-0.140.12
age			-0.03	-0.25 – 0.18	0.02	-0.18 - 0.23	0.03	-0.18 – 0.23
sex			0.10	-0.36 - 0.54	0.35	-0.08 - 0.79	0.39	-0.04 - 0.81
looplabel: l	oop2		0.03	-0.74 – 0.76	0.11	-0.61 - 0.82	0.17	-0.53 - 0.89
looplabel: l	oop3		0.01	-0.68 – 0.71	-0.35	-1.01 – 0.34	-0.44	-1.12 – 0.23
looplabel: l	oop4		-0.35	-1.08 – 0.33	-0.39	-1.07 – 0.28	-0.38	-1.07 – 0.29
looplabel: I	oop5		0.28	-0.37 - 0.94	0.32	-0.32 - 0.95	0.34	-0.30 - 0.99
harshness:	harsh				0.12	-0.33 - 0.56	0.79	0.12 - 1.46
universe: u	V				-4.54	-5.323.79	-4.03	-4.833.27
harshnessl	narsh:rewardfo	und			-0.00	-0.01 - 0.00	-0.01	-0.020.00
universeuv	:rewardfound				0.07	0.06 - 0.08	0.06	0.05 - 0.08
harshnessl	narsh:universet	٧V					-0.72	-1.31 – -0.14
harshnessl	narsh:universet	uv:rewardfound					0.01	-0.00 - 0.02
c)	Not Hars	sh – Harsh	HDP 2.5%	HDP 97.5%	Not Ha	ırsh – Harsh	HDP 2.5%	HDP 97.5%
	Stable Resp	onsive (0-45)	-0.06	0.00	Stable Ele	ective (55-100)	-0.08	0.02
	•	sponsive (0-45)	-0.04	0.07		ective (55-100)	-0.01	0.10

Supplementary Table 3: Models 3.0, 3.1, 3.2, and 3.3 investigating the impact of reward value, harshness, and variability on participants' likelihood of switching jars for participants who reported that the Harsh condition was more stressful than the Not Harsh condition in Study 1. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model.

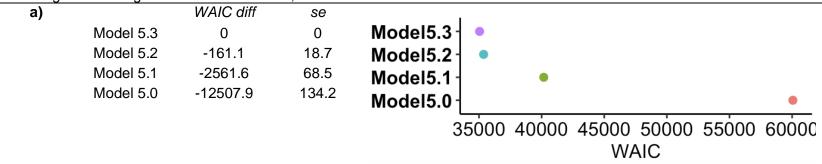
a)		WAIC diff	se	· ·	. d a l a				
	Model 3.3	0	0		odel3.3				
	Model 3.2	-51.5	11.3		odel3.2 🕆 (•			
	Model 3.1	-853.1	39.5	Mo	odel3.1 ∤	•			
	Model 3.0	-4568.4	159.82	Mo	Model3.0			•	
					125	500 15000 17 W <i>A</i>)	
b)	b) Model 3.0			del 3.1	Мо	del 3.2	Model 3.3		
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	
Intercept	-1.14	-1.31 – -0.95	4.34	3.85 - 4.83	7.70	6.88 - 8.62	7.24	6.40 - 8.12	
rewardfound			-0.08	-0.090.08	-0.13	-0.140.12	-0.12	-0.140.11	
harshness: h	arsh				0.02	-0.39 - 0.44	0.76	0.07 - 1.46	
universe: uv					-4.06	-4.91 – - 3.25	-3.57	-4.432.74	
harshnessha	rsh:rewardfou	nd			-0.01	-0.01 - 0.00	-0.01	-0.020.00	
universeuv:re	ewardfound				0.06	0.05 - 0.07	0.06	0.04 - 0.07	
harshnessha	rsh:universeu	V					-0.66	-1.270.07	
harshnessha	rsh:universeu	v:rewardfound					0.00	-0.01 – 0.02	
c)	Not Har	sh – Harsh	HDP 2.5%	HDP 97.5%	Not Har	sh – Harsh	HDP 2.5%	HDP 97.5%	
	Stable Responsive (0-45)		-0.04	0	Stable Elective (55-100)		-0.04	0.06	
Variable Responsive (0- 45)			-0.02	0.09	Variable Elective (55-100) 0.00			0.15	

Supplementary Table 4: Models 4.0, 4.1, 4.2, and 4.3 investigating the impact of reward value, harshness, and variability on participants' likelihood of switching jars for the first round of data collection with heavy sampling bias (see addendum to the preregistration: Pope, 2021b). a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model.



b)	Mod	del 4.0	Мо	del 4.1	Мо	del 4.2	Mod	del 4.3
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)
Intercept	-1.14	-1.26 – -1.00	4.11	3.75 - 4.47	7.30	6.63 - 8.03	6.98	6.28 - 7.72
rewardfound			-0.08	-0.090.08	-0.12	-0.13 – -0.11	-0.12	-0.13 – -0.11
harshness: harsh					0.05	-0.29 - 0.39	0.37	-0.17 – 0.92
universe: uv					-3.65	-4.33 – -3.01	-3.19	-3.91 – -2.52
harshnessha	harshnessharsh:rewardfound				-0.00	-0.01 - 0.00	-0.01	-0.01 - 0.00
universeuv:r	ewardfound				0.05	0.04 - 0.06	0.04	0.03 - 0.05
harshnessha	arsh:universeu	IV					-0.51	-1.04 – 0.02
harshnessha	arsh:universeu	ıv:rewardfound					0.01	-0.00 - 0.02
c)	Not Hars	sh – Harsh	HDP 2.5%	HDP 97.5%	Not Har	sh – Harsh	HDP 2.5%	HDP 97.5%
	Stable Resp	Stable Responsive (0-45)		0.01	Stable Elective (55-100)		-0.03	0.05
Variable Responsive (0-45)			-0.02	0.05	Variable El	ective (55-100)	-0.04	0.05

Supplementary Table 5: Models 5.0, 5.1, 5.2, and 5.3 investigating the impact of reward value, harshness, and variability on participants' likelihood of switching jars in Study 2. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model. d) Contrasted predictions between Harsh and Not Harsh conditions for responsive switching, characterized by switching after finding rewards between 0-25, from the best fit model.



b)	Model 5.0 Model 5.1 Model 5.2		Model 5.3					
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)
Intercept	-1.24	-1.36 – -1.13	4.08	3.79 - 4.37	8.99	8.37 - 9.66	8.69	8.04 - 9.39
rewardfound	k		-0.08	-0.090.08	-0.15	-0.160.14	-0.14	-0.150.13
harshness: I	harsh				80.0	-0.25 - 0.40	0.26	-0.26 - 0.79
universe: uv	•				-5.28	-5.894.70	-4.93	-5.57 – -4.28
harshnessha	arsh:rewardfoເ	ınd			-0.00	-0.01 - 0.00	-0.01	-0.01 - 0.00
universeuv:rewardfound					0.07	0.06 - 0.08	0.06	0.05 - 0.07
harshnessha	arsh:universeu	V					-0.20	-0.68 - 0.31
harshnessha	arsh:universeu	v:rewardfound					0.00	-0.01 - 0.01
c)	Not Hars	sh – Harsh	HDP 2.5%	HDP 97.5%	Not Har	sh – Harsh	HDP 2.5%	HDP 97.5%
	Stable Resp	onsive (0-45)	-0.01	0.01	Stable Ele	ctive (55-100)	-0.02	0.06
	Variable Res	sponsive (0-45)	-0.02	0.05	Variable El	ective (55-100)	-0.00	0.06
d)	Not Hars	sh – Harsh	HDP 5%	HDP 95%				
	Stable Resp	onsive (0-25)	0.00	0.00				
	Variable Res	sponsive (0-25)	-0.02	0.02				

Supplementary Information for Variability and harshness shape flexible strategy-use, support for the Constrained Flexibility Framework

Supplementary Table 6: Models 6.0, 6.1, 6.2, 6.3 & 6.4 i investigating the impact of reward value, incentive, harshness, and variability, on participants' likelihood of switching jars between Study 1 and Study 2. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model. Note, data from both Study 1 and Study 2 are included.

a)		WAIC diff	se			-10.41.				
	Model 6.4	0	0		Mode Mode	el6.4				
	Model 6.3	-3.3	8.0		Mode	el6.2 -				
	Model 6.2	-257.2	23.7		Mode		•			
	Model 6.1	-4045.8	86.5		Mode		000 7000	2 20000 0	0000	
	Model 6.0	-19411.4	165.0			50000 60	000 7000 WA		0000	
b)	Mod	del 6.0	Мо	del 6.1	Mod	lel 6.2	Мо	del 6.3	Model 6.4	
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)
Intercept	-1.20	-1.301.11	4.19	3.93 - 4.45	9.35	8.76 - 9.98	8.99	8.34 - 9.65	8.99	8.36 - 9.66
Rewardfoun	Rewardfound -0.08			-0.090.08	-0.15	-0.160.14	-0.15	-0.160.14	-0.15	-0.160.14
harshness: h	narsh				0.06	-0.22 - 0.34	0.48	-0.03 - 0.99	0.47	-0.05 - 0.98
universe: uv					-5.68	-6.25 – -5.16	-5.15	-5.77 – -4.54	-5.15	-5.77 – -4.55
incentive: no	omoney				0.04	-0.49 - 0.55	-0.08	-0.84 - 0.71	-0.08	-0.86 - 0.69
rewardfound:harshnessharsh					-0.00	-0.01 - 0.00	-0.01	-0.010.00	-0.01	-0.010.00
rewardfound:universeuv					0.08	0.07 - 0.09	0.07	0.06 - 0.08	0.07	0.06 - 0.08
rewardfound	d:incentivenom	noney			0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01
universeuv:h	narshnesshars	sh					-0.51	-0.960.06	-0.51	-0.960.06
universeuv:i	ncentivenomo	ney					-0.14	-0.73 - 0.46	-0.15	-0.75 - 0.44
harshnessha	arsh:incentiver	nomoney					0.09	-0.36 - 0.54	0.12	-0.34 - 0.56
rewardfound	d:universeuv:h	arshnessharsh					0.01	-0.00 - 0.01	0.01	-0.00 - 0.01
rewardfound	d:universeuv:ir	ncentivenomone	y				0.01	0.00 - 0.02	0.01	0.00 - 0.03
rewardfound	d:harshnessha	rsh:incentivenor	noney				-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01
universeuv:h	narshnesshars	sh:incentivenom	oney				-0.02	-0.11 – 0.08	-0.01	-0.11 - 0.09
rewardfound	d:universeuv:h	arshnessharsh:i	ncentivenom	oney					-0.00	-0.01 - 0.01
c)	No – Moneta	ary Incentive		HDP 2.5%	HDP 97.5%	No –	Monetary In	centive	HDP 2.5%	HDP 97.5%
	Stable Responsive (0-45) Not Harsh -0		-0.02	0.01	Stable F	Responsive (C	9-45) Harsh	-0.01	0.01	
	Stable Electi	ve (55-100) Not	Harsh	-0.10	0.03	Stable I	Elective (55-1	00) Harsh	-0.09	0.03
	Variable Res	sponsive (0-45) N	Not Harsh	-0.03	0.12	Variable Responsive (0-45) Harsh -0.03			0.11	
	Variable Elec	ctive (55-100) No	ot Harsh	0.01	0.19	Variable	Elective (55-	100) Harsh	0.00	0.14

Supplementary Table 7: Models 7.0, 7.1, 7.2, 7.3 & 7.4 investigating the impact of reward value, incentive, harshness, and variability, on participants' likelihood of switching jars including age, sex, and specific reward schedule, between Study 1 and Study 2. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model. Note, data from both Study 1 and Study 2 are included.

a)		WAIC diff	se		Mada	17.2				
	Model 7.3	0	0		Mode Mode					
	Model 7.4	-2.9	0.7		Mode					
	Model 7.2	-256.3	23.7		Mode	el7.1 -	•			
	Model 7.1	-4044.6	86.6		Mode				•	
	Model 7.0	-19411.2	165.1			50000 60	000 70000		90000	
							WA			
b)		lel 7.0		del 7.1		del 7.2		del 7.3	Model 7.4	
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)
Intercept	-1.20	-1.301.11	4.22	3.86 - 4.58	9.44	8.81 - 10.09	9.10	8.41 - 9.80	9.09	8.41 - 9.79
rewardfound			-0.08	-0.090.08	-0.15	-0.160.14	-0.15	-0.160.14	-0.15	-0.160.14
age			-0.10	-0.23 - 0.02	-0.10	-0.23 - 0.04	-0.09	-0.23 - 0.04	-0.10	-0.23 - 0.04
sex			0.13	-0.14 - 0.39	0.17	-0.08 - 0.42	0.17	-0.08 - 0.42	0.18	-0.07 - 0.42
looplabel: loop2			-0.11	-0.53 - 0.31	-0.14	-0.54 - 0.28	-0.13	-0.55 - 0.27	-0.14	-0.53 - 0.27
looplabel: loo	op3		0.08	-0.33 - 0.50	-0.12	-0.51 - 0.28	-0.17	-0.57 - 0.21	-0.17	-0.56 - 0.22
looplabel: loo	pp4		-0.23	-0.63 - 0.20	-0.10	-0.47 - 0.30	-0.07	-0.46 - 0.32	-0.07	-0.47 - 0.33
looplabel: loo	op5		0.06	-0.33 - 0.46	0.03	-0.35 - 0.42	0.01	-0.37 - 0.40	0.02	-0.36 - 0.39
harshness: ha	rsh				0.06	-0.23 - 0.33	0.49	-0.02 - 0.99	0.48	-0.04 - 0.99
universe: uv					-5.67	-6.245.14	-5.16	-5.804.55	-5.16	-5.764.55
incentive: no	money				-0.05	-0.59 - 0.47	-0.15	-0.91 - 0.64	-0.14	-0.89 - 0.61
rewardfound:	harshnessharsh				-0.00	-0.01 - 0.00	-0.01	-0.010.00	-0.01	-0.010.00
rewardfound:	universeuv				0.08	0.07 - 0.09	0.07	0.06 - 0.08	0.07	0.06 - 0.08
rewardfound:	incentivenomon	ney			0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01
universeuv:ha	arshnessharsh						-0.51	-0.970.06	-0.51	-0.960.05
universeuv:incentivenomoney							-0.13	-0.74 - 0.43	-0.15	-0.73 - 0.44
harshnessharsh:incentivenomoney						0.09	-0.35 - 0.54	0.11	-0.34 - 0.57	
rewardfound:	universeuv:hars	hnessharsh					0.01	-0.00 - 0.01	0.01	-0.00 - 0.01
rewardfound:	universeuv:ince	ntivenomoney					0.01	0.00 - 0.02	0.01	0.00 - 0.03
		incentivenomone	ey				-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01

Supplementary Information for Variability and harshness shape flexible strategy-use, support for the Constrained Flexibility Framework

Supplementary Table 7 continued:

universeuv:	harshnessharsh:incentivenomoney	-0.02 $-0.11 - 0.08$	-0.01	-0.11 - 0.09		
rewardfoun	d:universeuv:harshnessharsh:incentivenomoney				-0.00	-0.01 - 0.01
c)	No – Monetary Incentive	HDP 2.5%	HDP 97.5%	No - Monetary Incentive	HDP 2.5%	HDP 97.5%
	Stable Responsive (0-45) Not Harsh	-0.03	0.00	Stable Responsive (0-45) Harsh	-0.02	0.00
	Stable Elective (55-100) Not Harsh	-0.11	0.01	Stable Elective (55-100) Harsh	-0.11	0.01
	Variable Responsive (0-45) Not Harsh	-0.05	0.09	Variable Responsive (0-45) Harsh	-0.04	0.09
	Variable Elective (55-100) Not Harsh	0.00	0.15	Variable Elective (55-100) Harsh	0.00	0.13

WAIC diff

se

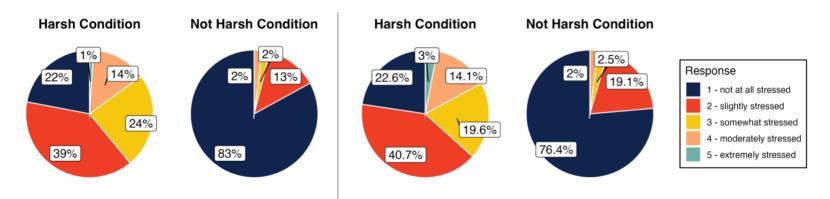
a)

Supplementary Table 8: Models 8.0, 8.1, 8.2, 8.3 & 8.4 investigating the impact of reward value, <u>incentive</u>, harshness, and variability, on participants' likelihood of switching jars <u>for participants who reported that the Harsh condition was more stressful than the Not Harsh condition, between Study 1 and Study 2. a) WAIC estimates and standard error comparison. b) Model estimates and 95% credible intervals. c) Contrasted predictions between Harsh and Not Harsh conditions for responsive and elective switching, characterized by switching after finding rewards between 0-45 and 55-100 units, respectively, from the best fit model. Note, data from both Study 1 and Study 2 are included.</u>

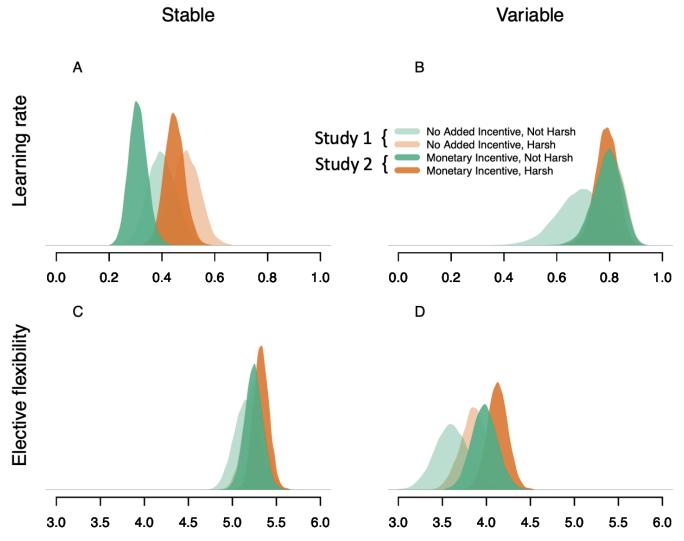
aj		WAIC dill	S C		Model8.4	L -						
	Model 8.3	0	0		Model8.3							
	Model 8.4	-0.4	8.0		Model8.2							
	Model 8.2	-177.7	19.7		Model8.1							
	Model 8.1	-2589.2	69.		Model8.0				•			
	Model 8.0	-13035.3	136.6			40000 4	เรก่กก รกก่	00 55000 60	2000 6500			
					40000 45000 50000 55000 60000 6500 WAIC							
b)	Mod	del 8.0	Мо	del 8.1	Mod	del 8.2	Мо	del 8.3	Model 8.4			
	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)	Log-Odds	CI (95%)		
Intercept	-1.20	-1.301.10	4.06	3.78 - 4.34	8.93	8.26 - 9.64	8.61	7.91 - 9.34	8.61	7.93 - 9.37		
rewardfound			-0.08	-0.090.08	-0.15	-0.160.14	-0.14	-0.150.13	-0.14	-0.150.13		
harshness: ha	arsh				0.10	-0.18 - 0.37	0.53	-0.02 - 1.07	0.50	-0.05 - 1.04		
universe: uv					-5.49	-6.134.90	-4.99	-5.684.34	-4.98	-5.674.33		
incentive: no	money				0.21	-0.36 - 0.78	0.16	-0.67 - 0.97	0.12	-0.72 - 0.96		
rewardfound	:harshnessharsh				-0.01	-0.010.00	-0.01	-0.020.00	-0.01	-0.020.00		
rewardfound	:universeuv				0.08	0.07 - 0.08	0.07	0.06 - 0.08	0.06	0.05 - 0.08		
rewardfound	:incentivenomor	ney			-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01	-0.00	-0.02 - 0.01		
universeuv:h	arshnessharsh						-0.59	-1.080.07	-0.59	-1.080.10		
universeuv:ir	ncentivenomone	y					-0.06	-0.66 - 0.54	-0.08	-0.69 - 0.55		
harshnesshar	sh:incentivenom	noney					0.01	-0.44 - 0.45	0.10	-0.36 - 0.57		
rewardfound	:universeuv:hars	hnessharsh					0.01	-0.00 - 0.02	0.01	0.00 - 0.02		
rewardfound	:universeuv:ince	entivenomoney					0.01	-0.00 - 0.02	0.01	-0.00 - 0.02		
rewardfound	:harshnessharsh:	incentivenomone	ey				-0.00	-0.01 - 0.01	-0.00	-0.01 - 0.01		
universeuv:h	arshnessharsh:in	ncentivenomoney					-0.02	-0.12 - 0.08	-0.01	-0.11 - 0.09		
rewardfound	:universeuv:hars	shnessharsh:incen	tivenomoney						-0.01	-0.01 - 0.00		
c)	No – Moneta	ary Incentive		HDP 2.5%	HDP 97.5%	No –	No – Monetary Incentive			HDP 97.5%		
	Stable Responsive (0-45) Not Harsh			-0.02	0.01	Stable F	Responsive (0	9-45) Harsh	-0.01	0.02		
	Stable Elective (55-100) Not Harsh -0.09					Stable Elective (55-100) Harsh			-0.06	0.07		
	Variable Res	ponsive (0-45) I	Not Harsh	-0.03	0.13	Variable	Variable Responsive (0-45) Harsh -0.03			0.10		
	Variable Elec	tive (55-100) N	ot Harsh	0.00	0.18	Variable	Elective (55-	100) Harsh	-0.02	0.10		
										0		

Study 1: No Added Incentive

Study 2: Monetary Incentive



Supplementary Figure 1. Participants' self-reported feelings of stress during the Harsh and Not Harsh Conditions in Study 1 and Study 2.



Supplementary Figure 2. Studies 1 and 2 Reinforcement Learning Model results <u>for participants' who reported that the Harsh condition was more stressful than the Not Harsh condition</u>. Posterior probability distributions in Stable and Variable reward environments for participants' learning rate (A-B) and elective exploration parameters (C-D) in Study 1: No Added Incentive - Not Harsh, No Added Incentive - Harsh and Study 2: Monetary Incentive - Not Harsh and Monetary Incentive - Harsh conditions.