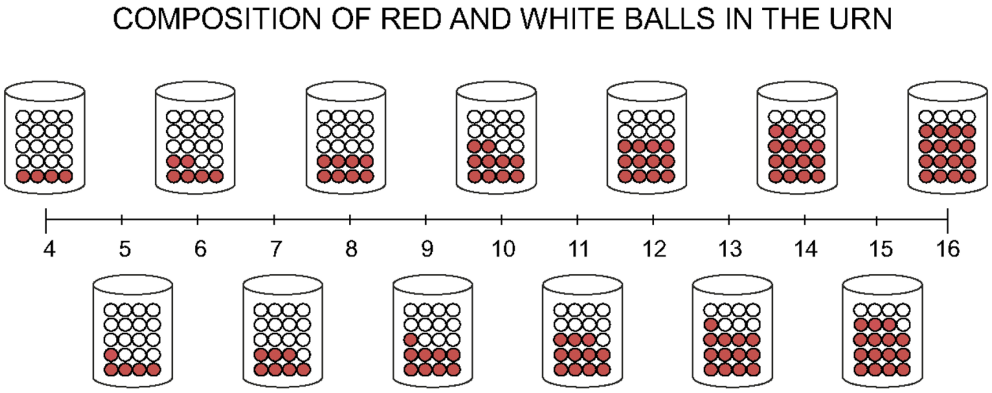
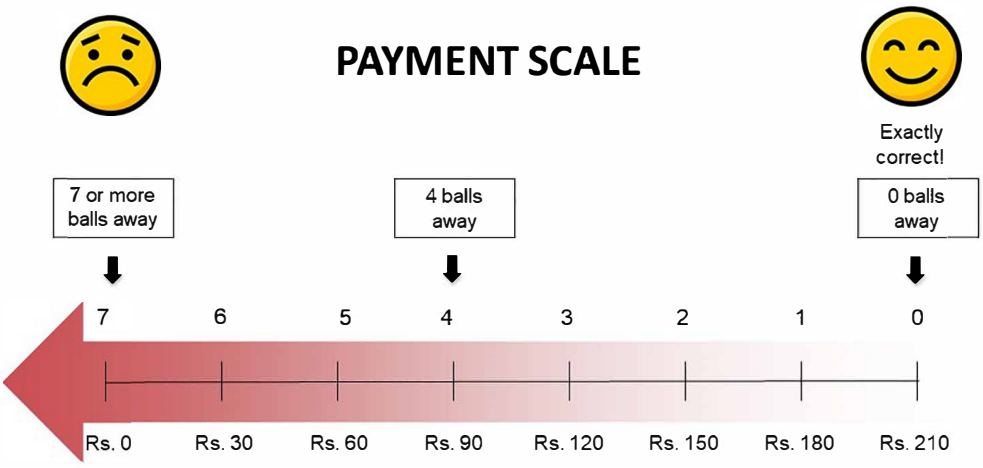
A Learning in the Household: Online Appendix

Figure A.I: Visual Aids

(a) **Guess Scale**



(b) **Payment Scale**

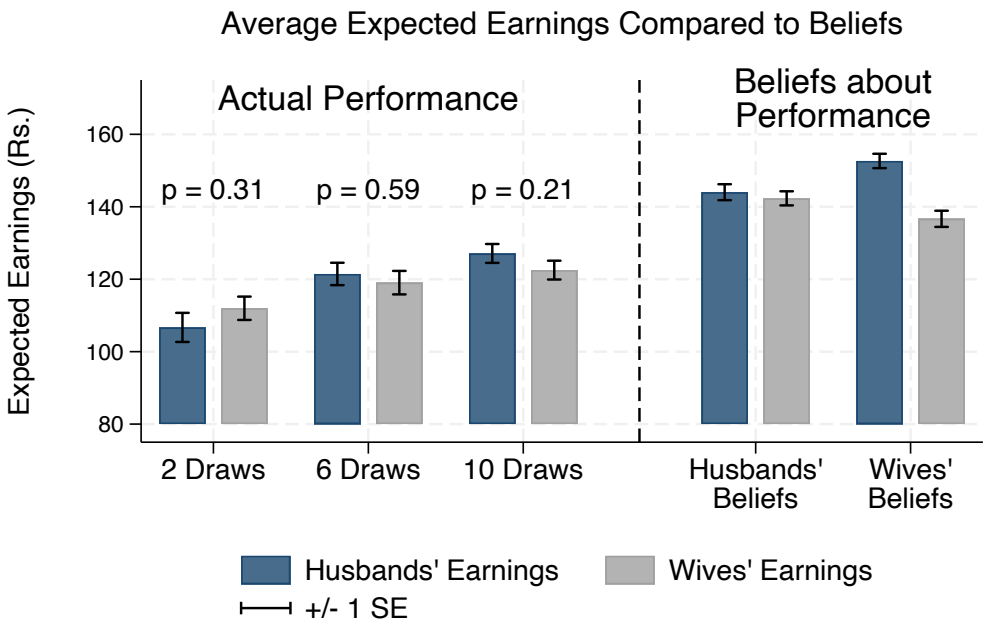


Notes: This figure shows the visual aids used to explain the experiment to study participants.

Panel A: The figure shows the scale which participants used to make their guesses. It shows the 13 possible urn compositions ranging from 4 to 16 red balls (among 20 balls in total). We induced common priors: participants were informed that in each round, each of these compositions was equally likely (probability 1/13 each). Participants guessed by placing a small token on top of the corresponding number.

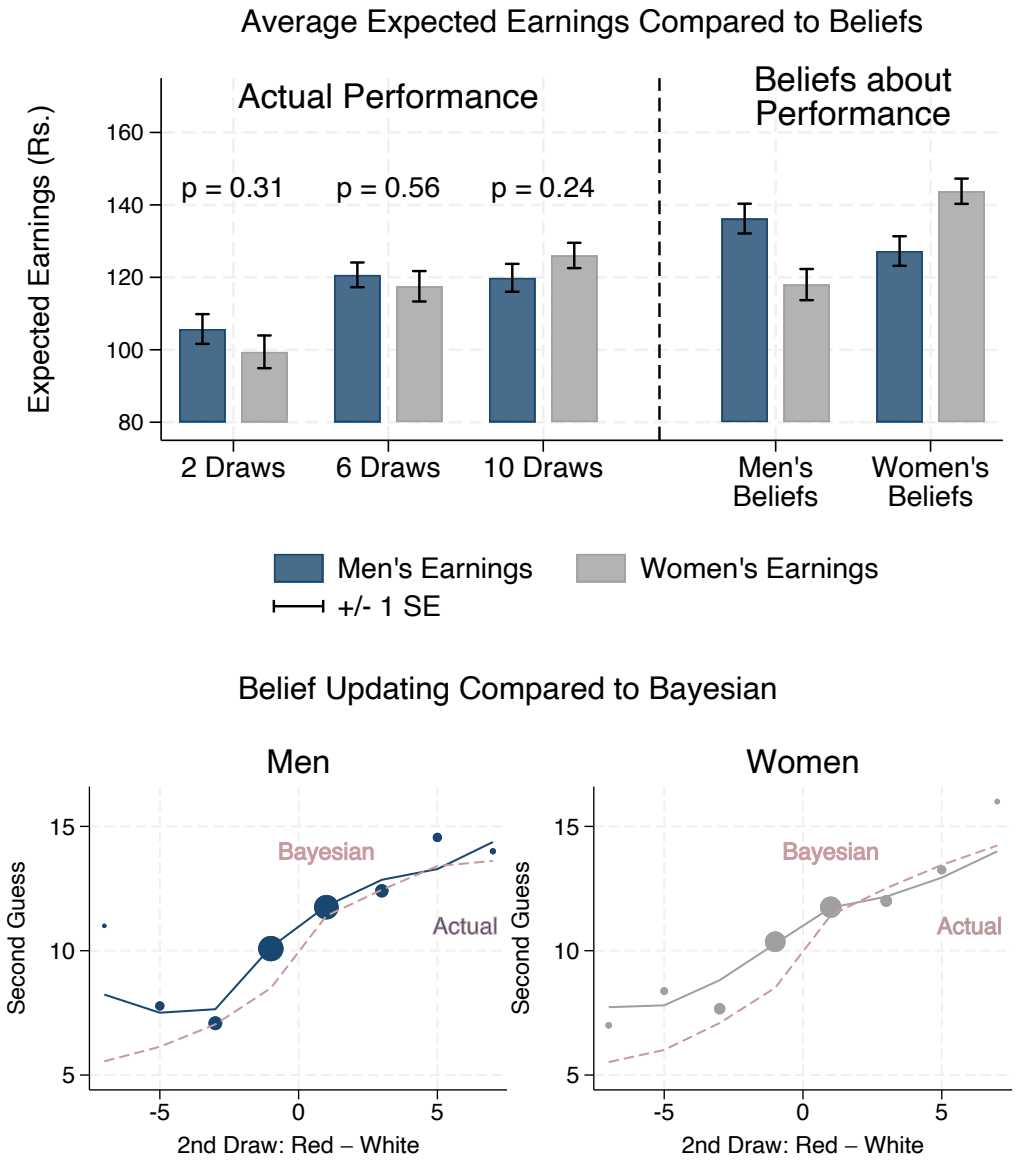
Panel B: The figure shows the scale used to explain the incentives for accurate guessing to participants. For each pair of participants, one of their guesses was randomly selected to determine the pair's payment. On top of their participation fee, each couple receives an amount in Rupees (Rs.) equal to $\max\{(210 - 30 \times |g - r|), 0\}$, where g is the guess and r the true number of red balls for the randomly-selected guess.

Figure A.II: Actual and Perceived Performance (Couples Experiment)



Notes: This figure shows spouses' actual and perceived performance in the game. The left panel shows the average expected earnings of the final guesses in the *Individual* condition by the total number of draws in the round. Blue and gray bars indicate the mean expected earnings for husbands and wives, respectively. Bands show ± one standard error. The right panel shows spouses' predictions of how much their own and their spouse's guesses would earn on average. These predictions were incentivized by a Rs. 50 reward for being within Rs. 30 of the actual average. Blue and grey bars show spouses' predictions of husbands' and wives' average expected earnings, respectively.

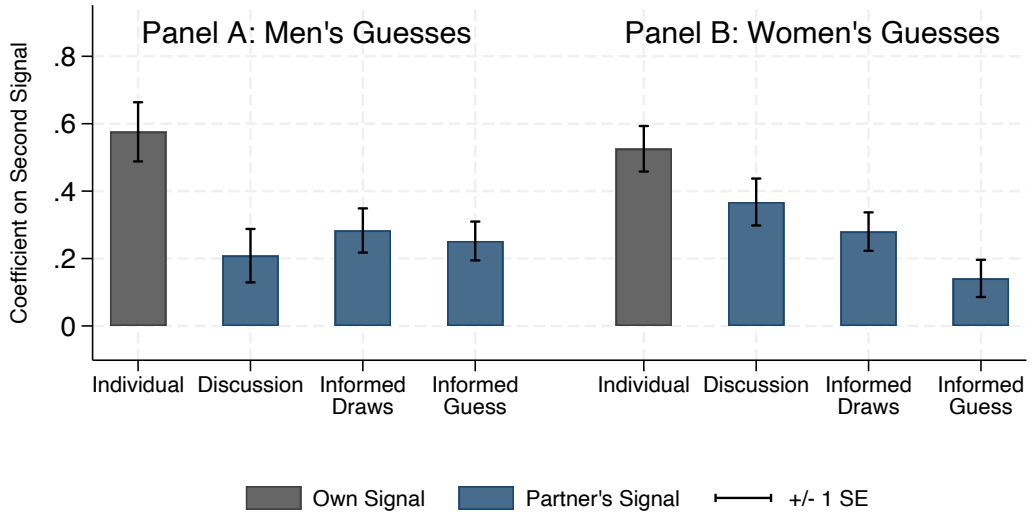
Figure A.III: Actual and Perceived Performance: Strangers Experiment



Notes: **Panel A** shows the performance of participants in our strangers experiment. The left panel shows the average expected earnings of the final guesses in the *Individual* condition by the total number of draws in the round. Blue and gray bars indicate the mean expected earnings for men and women, respectively. Bands show ± one standard error.

Panel B shows the average second private guess in the *Individual* condition depending on the net number of red draws (i.e., red draws minus white draws) in participants' second signal. The blue and grey curves show locally-weighted means (lowess) for men and women, respectively. The dotted lines show the average of what a risk-neutral Bayesian would have guessed given the same signals.

Figure A.IV: Weights on Own vs. Partner's Information (Strangers Experiment)



Notes: This figure shows the weights participants in the strangers experiment put on their first and second signals across treatments. Separately for men and women, we estimate Equation (1) and then display the sum of $\beta_2 + \beta_{3t}$ for each of the following four types of private guesses: (a) *Individual*, where participants collect all information on their own; (b) *Discussion*, in which participants collect the first set of information on their own and the second set is only accessible via discussion; (c) *Informed of Partner's Draws*, where participants receive the second set of information directly from the experimenter but before any discussion with their partner; (d) *Informed of Partner's Guess*, where participants are told the guess their partner made about the contents of the urn (as well as the number of draws that guess was based on) from the experimenter.

Table A.I: Comprehension and Memory

Question	**Couples**		**Strangers**	
	Husbands	Wives	Men	Women
A. Basic Design				
Number of balls	0.96	0.97	0.98	0.96
Colors of balls	1.00	0.99	1.00	1.00
B. Common Prior				
Possible $<$ 4 red	0.92	0.93	0.92	0.94
Possible $>$ 16 red	0.95	0.94	0.94	0.93
Who chooses number of red balls	0.84	0.87	0.79	0.83
Likelihood of each number	0.85	0.87	0.78	0.79
C. Signals				
More draws better	0.90	0.93	0.85	0.92
4 draws possible	0.76	0.80	0.73	0.80
How number draws differs	0.55	0.58	0.46	0.49
How spouse's draws differ	0.63	0.65	0.57	0.66
D. Incentives				
Payment if 1 off	0.92	0.89	0.90	0.91
Payment if way off	0.89	0.85	0.85	0.86
Payment if 4 off	0.92	0.89	0.91	0.92
E. Memory				
Correctly remembered own guess	0.94	0.95	0.92	0.92
Correctly remembered # of own draws	0.99	0.97	0.96	0.97
Correctly remembered # of own red draws	0.84	0.86	0.85	0.86

Notes: This table shows summary statistics of participants comprehension of the task and their memory of previous draws and guesses. Columns 1 and 2 show our main experimental sample of 400 married couples. Columns 3 and 4 show our secondary sample of 500 individuals. The questions asked were as follows:

- **Panel A:** shows answers to questions "How many balls are in the urn?" (correct answer: 20) and "What colors are the balls?" (red and white).
- **Panel B:** "Is it possible to have less than 4 /more than 16 red balls?" (no); "Who chooses how many balls are red?" (the computer); and "Are some numbers more likely than others?" (no).
- **Panel C:** "Do you learn more from one draw or five draws?" (five); "Can you get exactly 4 draws in any round?" (no); "Will you have the same or different numbers of draws across rounds?" (could be same or different); and "Will your partner have the same or different number to you?" (could be same or different).
- **Panel D:** shows the fraction of people who could correctly indicate their payment on the scale if their guess was 1, 11, or 4 balls off.
- **Panel E:** shows the proportion of participants who correctly remember their own guess and draws in the *Informed of Partner's Guess* and *Informed of Partner's Draws* rounds when these questions were asked.

Table A.II: Couples' and Strangers' Weight on Own vs. Others' Information - First Signal Also Interacted With Treatment

	Couples				**Strangers**			
	Husbands		**Wives**		**Men**		**Women**	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
β_1: First Signal	0.45***	0.45***	0.41***	0.41***	0.35***	0.34***	0.42***	0.42***
	(0.05)	(0.05)	(0.06)	(0.06)	(0.08)	(0.08)	(0.07)	(0.07)
$\beta_{3,0}$: First Signal X Not Individual Round	0.11**		0.09		0.14		0.05	
	(0.06)		(0.06)		(0.09)		(0.08)	
$\beta_{3,1}$: First Signal X Discussion		0.07		0.07		0.29**		-0.00
		(0.06)		(0.07)		(0.12)		(0.10)
$\beta_{3,2}$: First Signal X Informed of Draws		0.15**		0.15**		0.11		0.02
		(0.07)		(0.07)		(0.10)		(0.10)
$\beta_{3,3}$: First Signal X Informed of Guess		0.12*		0.05		0.09		0.03
		(0.07)		(0.08)		(0.09)		(0.10)
β^{pf}: First Signal X Discussion X Partner Female						-0.13		0.20*
						(0.10)		(0.10)
β_2: Second Signal	0.56***	0.56***	0.50***	0.50***	0.60***	0.60***	0.53***	0.53***
	(0.06)	(0.06)	(0.06)	(0.06)	(0.09)	(0.09)	(0.07)	(0.07)
$\beta_{3,0}$: Second Signal X From Partner	-0.27***		-0.08		-0.35***		-0.26***	
	(0.07)		(0.06)		(0.10)		(0.08)	
$\beta_{3,1}$: Second Signal X Discussion		-0.24***		-0.07		-0.36***		-0.16
		(0.07)		(0.07)		(0.11)		(0.10)
$\beta_{3,2}$: Second Signal X Informed of Draws		-0.26***		-0.00		-0.32***		-0.25***
		(0.08)		(0.08)		(0.11)		(0.09)
$\beta_{3,3}$: Second Signal X Informed of Guess		-0.32***		-0.15*		-0.35***		-0.39***
		(0.09)		(0.08)		(0.11)		(0.09)
β^{pf}: Second Signal X Discussion X Partner Female						-0.05		0.01
						(0.11)		(0.11)
N	2,800	2,800	2,800	2,800	1,750	1,750	1,750	1,750
p-value: $\beta_{3,0}$ equal across genders			0.06				0.49	
p-value: $\beta_{3,1}$ equal across genders				0.13				0.17
p-value: $\beta_{3,2}$ equal across genders				0.04				0.63
p-value: $\beta_{3,3}$ equal across genders				0.20				0.76
p-value: $\beta_{3,1}$ to $\beta_{3,3}$ equal across genders				0.21				0.30

Notes: This table shows OLS estimates of an extension of Equation (1) for the couples experiment (Columns 1-2) and the strangers experiment (Columns 3-4), broken up by gender (Columns 1 and 3 for men, 2 and 4 for women). The dependent variable is participants' private guess (excluding first private guesses before any information about partners' signals was available). "First Signal" indicates the net number of red draws (i.e., red draws minus white draws) in the first signal. Similarly, "Second Signal" indicates the net number of red draws in the second signal. "Discussion" is an indicator that equals one for the final private guess in the *Discussion* round, when the second signal was drawn by the participant's partner and then (potentially) communicated to the participant through discussion. "Informed of Draws" indicates the second and third private guess in the *Informed of Partner's Draws* round, after the participant was directly told their partner's information (pooling the guesses the participant makes before and after the discussion). "Informed of Guess" indicates the second and third private guess in the *Informed of Partner's Guess* round, after the participant was told their partner's first private guess (pooling the guesses the participant makes before and after the discussion). Standard errors are clustered at the couple level. *, **, and *** indicate significance at the $p<0.10$, 0.05, and 0.01 levels.

Table A.III: Couples' and Strangers' Weight on Own vs. Others' Information: Disaggregating Pre- and Post-Discussion Guesses

	Couples		**Strangers**	
	Husbands (1)	Wives (2)	Men (3)	Women (4)
β_1: First Signal	0.55***	0.48***	0.46***	0.47***
	(0.03)	(0.03)	(0.03)	(0.03)
β_2: Second Signal	0.54***	0.49***	0.57***	0.52***
	(0.06)	(0.06)	(0.09)	(0.07)
$\beta_{3,1}$: Second Signal X Discussion	-0.22***	-0.06	-0.30***	-0.16*
	(0.07)	(0.07)	(0.10)	(0.09)
$\beta_{3,2}$: Second Signal X Informed of Draws (Pre)	-0.32***	-0.03	-0.37***	-0.34***
	(0.09)	(0.08)	(0.12)	(0.10)
$\beta_{3,3}$: Second Signal X Informed of Draws (Post)	-0.14	0.10	-0.21*	-0.16*
	(0.09)	(0.08)	(0.12)	(0.09)
$\beta_{3,4}$: Second Signal X Informed of Guess (Pre)	-0.37***	-0.25***	-0.35***	-0.43***
	(0.09)	(0.08)	(0.12)	(0.10)
$\beta_{3,5}$: Second Signal X Informed of Guess (Post)	-0.22**	-0.02	-0.30**	-0.34***
	(0.09)	(0.08)	(0.12)	(0.11)
β^{pf}: Second Signal X Discussion X Partner Female			-0.07	0.05
			(0.11)	(0.11)
N	2,800	2,800	1,750	1,750
p-value: $\beta_{3,1}$ equal across genders		0.10		0.34
p-value: $\beta_{3,2}$ equal across genders		0.02		0.78
p-value: $\beta_{3,3}$ equal across genders		0.05		0.72
p-value: $\beta_{3,4}$ equal across genders		0.38		0.59
p-value: $\beta_{3,5}$ equal across genders		0.09		0.76
p-value: $\beta_{3,1}$ to $\beta_{3,5}$ equal across genders		0.20		0.74

Notes: This table shows OLS estimates of Equation (1) for the couples experiment (Columns 1-2) and the strangers experiment (Columns 3-4), broken up by gender (Columns 1 and 3 for men, 2 and 4 for women). The dependent variable is participants' private guess (excluding first private guesses before any information about partners' signals was available). "First Signal" indicates the net number of red draws (i.e., red draws minus white draws) in the first signal. Similarly, "Second Signal" indicates the net number of red draws in the second signal. "Discussion" is an indicator that equals one for the final private guess in the *Discussion* round, when the second signal was drawn by the participant's partner and then (potentially) communicated to the participant through discussion. "Informed of Draws (Pre)" and "Informed of Draws (Post)" indicate the pre-discussion and post-discussion private guess, respectively, in the *Informed of Partner's Draws* round, after the participant was directly told their partner's information. "Informed of Guess (Pre)" and "Informed of Guess (Post)" indicate the pre-discussion and post-discussion private guess, respectively, in the *Informed of Partner's Guess* round, after the participant was told their partner's first private guess. Standard errors are clustered at the couple level. *, **, and *** indicate significance at the $p<0.10$, 0.05, and 0.01 levels.

Table A.IV: Testing for Differences Between Couples and Strangers

	All rounds	**Informed of Partner's Draws**		**Informed of Partner's Guess**		**Discussion rounds**
	(Pre- & Post-Disc.)	(Pre-Disc.)	(Post-Disc.)	(Pre-Disc.)	(Post-Disc.)	(Post-Disc.)
	(1)	(2)	(3)	(4)	(5)	(6)
Own Signal	0.48***	0.52***	0.38***	0.47***	0.39***	0.57***
	(0.04)	(0.07)	(0.07)	(0.07)	(0.07)	(0.05)
Partner's Signal	0.25***	0.19*	0.37***	0.22***	0.28***	0.21***
	(0.04)	(0.08)	(0.08)	(0.06)	(0.07)	(0.06)
Partner's Signal X	0.04	0.02	0.01	-0.06	0.04	0.12
Guesser Is Husband In Couple	(0.05)	(0.10)	(0.11)	(0.09)	(0.09)	(0.08)
Partner's Signal X Guesser Is Woman	0.02	-0.03	0.01	-0.13	-0.09	0.16*
	(0.05)	(0.11)	(0.11)	(0.09)	(0.10)	(0.08)
Partner's Signal X	0.16***	0.27**	0.19*	0.15	0.29**	0.06
Guesser Is Wife In Couple	(0.05)	(0.10)	(0.09)	(0.10)	(0.09)	(0.06)
N	7800	1300	1300	1300	1300	2600

Notes: This table shows OLS regressions in which the dependent variable is a person's individual guess. All regressions pool data from both the couples and strangers sample.

- Column 1 includes all final guesses made by both men and women in the two *Discussion* rounds plus the pre- and post-discussion guesses from the *Informed of Partner's Draws* and *Informed of Partner's Guess* rounds.
- Columns 2 and 3 show results for the pre- and post-discussion *Informed of Partner's Draws* round guesses, respectively. Columns 4 and 5 similarly show results for pre- and post-discussion guesses in the *Informed of Partner's Guess* round. Column 6 shows results from the *Discussion* round guesses (after the joint discussion) alone.
- "Own Signal" refers to the net red minus white draws in the set the person guessing drew him or herself, and "Partner's Signal" to the same in the set the guesser's partner drew. "Guesser Is Woman" equals one if the guesser is a woman, "Guesser Is Husband In Couple" equals one if the guesser is a man *and* is in the couples sample, and "Guesser Is Wife In Couple" equals one if the person guessing is a woman *and* is in the couples sample, i.e., is playing with her husband.
- The regressions also include controls for Own Signal interacted with "Guesser Is Woman" and "Guesser Is Wife In Couple" (coefficients not shown).

Table A.V: Explaining Differences Between Couples and Strangers

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Own Signal	0.48***	0.50***	0.48***	0.54***	0.56***	0.47***	0.33***	0.43***	0.45***	0.46***	0.36**	0.55***
	(0.04)	(0.04)	(0.04)	(0.04)	(0.06)	(0.05)	(0.05)	(0.05)	(0.05)	(0.09)	(0.13)	(0.13)
Partner's Signal	0.25***	0.23***	0.26***	0.20***	0.10	0.24***	0.08	0.30***	0.30***	-0.08	0.00	-0.23*
	(0.04)	(0.04)	(0.04)	(0.04)	(0.06)	(0.04)	(0.06)	(0.05)	(0.05)	(0.09)	(0.13)	(0.12)
Partner's Signal X	0.04	0.02	0.05	0.04	0.11*	0.04	0.03	0.04	0.04	0.07	0.08	
Guesser Is Husband In Couple	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)	(0.07)	
Partner's Signal X	0.02	0.02	0.03	0.01	0.02	0.02	0.01	-0.02	-0.02	-0.03		
Guesser Is Woman	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.06)		
Partner's Signal X	0.16***	0.18***	0.17***	0.16***	0.20***	0.16***	0.16***	0.16***	0.16***	0.19***		0.23***
Guesser Is Wife In Couple	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.05)	(0.04)	(0.05)	(0.05)	(0.05)		(0.06)
Partner's Signal X		0.04								0.05	0.00	0.10
Guesser Is Older		(0.04)								(0.04)	(0.06)	(0.06)
Partner's Signal X			-0.06							-0.04	-0.07	-0.01
Guesser Thinks Sole HHDM			(0.04)							(0.04)	(0.06)	(0.05)
Partner's Signal X				0.09**						0.09**	0.10*	0.07
Partner Better				(0.03)						(0.03)	(0.05)	(0.04)
Partner's Signal X					0.15**					0.14**	0.12	0.18**
Guesser Thinks Partner Better					(0.05)					(0.05)	(0.06)	(0.07)
Partner's Signal X						0.00				0.02	0.04	-0.05
Guesser Is Married						(0.05)				(0.05)	(0.07)	(0.07)
Partner's Signal X							0.19***			0.19***	0.09	0.31***
Guesser Comprehension index							(0.05)			(0.05)	(0.07)	(0.07)
Partner's Signal X								-0.00		-0.00	-0.00	-0.00
Daily Earnings								(0.00)		(0.00)	(0.00)	(0.00)
Partner's Signal X									-0.01	-0.00	0.00	-0.00
Daily Work Hours									(0.00)	(0.01)	(0.01)	(0.01)
Constant	10.69***	10.69***	10.69***	10.69***	10.69***	10.69***	10.68***	10.69***	10.69***	10.69***	10.67***	10.70***
	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.06)	(0.07)
N	7800	7800	7800	7800	7800	7800	7800	7800	7800	7800	3900	3900

Notes: This table shows OLS regressions where the dependent variable is a person's individual guess. All regressions pool data from both the couples and strangers sample and include all final guesses made by both men and women in the two *Discussion* treatment rounds plus the pre- and post-discussion guesses from the *Informed of Partner's Draws* and *Informed of Partner's Guess* treatments.

- Column 1 repeats the specification in Column 2 from Table A.IV. The other columns add interactions between Partner's Net Red and other variables, to test whether heterogeneity along these variables explains the difference between wives and others. Column 11 includes only men, and column 12 includes only women.
- When we add an interaction between Partner's Net Red and a variable, we control for the corresponding interaction(s) with Own Net Red (coefficients not shown).
- "Guesser Is Older" means the person guessing is older than their partner. "Guesser Thinks Sole HHDM" means the guesser considers themselves the sole decision maker in their household. "Partner Better" indicates that the guesser's partner earns more from their guesses on average; "Guesser Thinks Partner Better" indicates that the guesser thinks this is so. "Guesser Is Married" indicates that the guesser is married; this is always one in the couples sample, but not in the strangers sample. "Comprehension index" is the fraction of comprehension questions the guesser answered correctly, normalized by subtracting the mean and dividing by the standard deviation of the entire sample. "Daily Earnings" and "Daily Work Hours" measure the earnings that participants gain and hours of work per day in jobs outside the home. All these variables were measured in both the couples and Strangers Sample.

Table A.VI: Signal Weights in Strangers' Joint Guesses by Round

	All	Discussion	Informed of Draws	Informed of Guess
	(1)	(2)	(3)	(4)
Man's Signal	0.46***	0.44***	0.54***	0.37***
	(0.04)	(0.07)	(0.07)	(0.07)
Woman's Signal	0.39***	0.45***	0.35***	0.38***
	(0.04)	(0.08)	(0.09)	(0.07)
Constant	11.09***	11.20***	11.08***	11.01***
	(0.11)	(0.18)	(0.18)	(0.18)
N	1,500	500	500	500
p-value: Man's = Woman's	0.31	0.92	0.12	0.95
p-value: Both weights equal to Disc.			0.47	0.48

Notes: This table shows results from regressing joint guesses on both sets of signals, separately by round. Each column reports coefficients from a regression of the joint guess on the man's signal and the woman's signal. 'Man's = Woman's' indicates a test of the hypothesis that the weight on the man's signal equals the weight on the woman's signal. 'Both weights equal to Disc.' indicates a joint F-test of the hypothesis that both the man's signal weight and the woman's signal weight equal their respective values in the *Discussion* round. Standard errors are clustered at the pair level. *, **, and *** indicate significance at the $p<0.10$, 0.05, and 0.01 levels.

Table A.VII: The Effect of Public vs Private Discussions on Spouse's Post-Discussion Guesses

	All Rounds		Discussion		Informed of Draws		Informed of Guess	
	H	W	H	W	H	W	H	W
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Own Signal	0.59***	0.49***	0.56***	0.55***	0.72***	0.44***	0.51***	0.40***
	(0.04)	(0.05)	(0.06)	(0.06)	(0.08)	(0.09)	(0.07)	(0.09)
Spouse's Signal	0.33***	0.51***	0.34***	0.49***	0.25**	0.55***	0.35***	0.51***
	(0.04)	(0.04)	(0.06)	(0.06)	(0.11)	(0.09)	(0.08)	(0.08)
Own Signal X	-0.08	-0.05	-0.07	-0.17**	-0.22*	0.10	0.03	0.07
Public Discussion	(0.06)	(0.06)	(0.09)	(0.08)	(0.12)	(0.13)	(0.10)	(0.12)
Spouse's Signal X	0.01	-0.06	-0.07	-0.12	0.27**	0.06	-0.07	-0.07
Public Discussion	(0.06)	(0.06)	(0.08)	(0.09)	(0.13)	(0.12)	(0.12)	(0.11)
N	1,600	1,600	800	800	400	400	400	400
p-value: Interactions Equal	0.316	0.875	0.974	0.721	0.017	0.840	0.557	0.444

Notes: This table shows OLS estimates where dependent variable is participants' post-discussion private guess in the couples experiment, pooling husbands and wives. Columns 1, 3, 5, and 7 include only husbands' guesses, while the remaining columns include only wives' guesses.

- "Own Signal" indicates the net number of red draws (i.e., red draws minus white draws) in the participants's own signal. Similarly, "Spouse's Signal" indicates the net number of red draws in their spouse's signal.
- "Public Discussion" is a dummy variable indicating whether an experimenter was randomized to sit in on the discussion.
- Standard errors are clustered at the couple level. *, **, and *** indicate significance at the $p<0.10$, 0.05, and 0.01 levels.

Table A.VIII: Heterogeneity across Couples: Perceived Relative Ability (Discussion)

	Pooled (1)	Husbands (2)	Wives (3)	Joint (4)
Husband's Signal	0.47***	0.52***	0.44***	0.45***
	(0.04)	(0.04)	(0.04)	(0.04)
Wife's Signal	0.43***	0.32***	0.48***	0.50***
	(0.04)	(0.04)	(0.04)	(0.04)
Husband's Signal X Husband's Perceived Relative Ability	0.05	0.01	0.10**	0.04
	(0.04)	(0.05)	(0.04)	(0.05)
Wife's Signal X Husband's Perceived Relative Ability	-0.09**	-0.06	-0.09**	-0.13***
	(0.04)	(0.05)	(0.04)	(0.04)
Constant	10.55***	10.38***	10.63***	10.64***
	(0.09)	(0.11)	(0.11)	(0.11)
N	2,400	800	800	800
p-value: Ability Interactions Equal	0.02	0.36	0.01	0.03

Notes: OLS estimates of Equation (3) for the Couples Experiment, *Discussion* treatment, replacing the Household Decision-Making Index with Perceived Relative Ability. The dependent variable is participants' private guesses (excluding first private guesses). Column 1 pools husbands', wives', and joint guesses; columns 2–4 report the husband's guesses, the wife's guesses, and the couple's joint guesses, respectively. "Husband's Signal" / "Wife's Signal" are the net red draws (red minus white) in each spouse's signal. "Perceived Relative Ability" is the average of indicators for whether each spouse thinks the husband is the more able guesser, normalized to mean zero and standard deviation one. "p-value: Ability Interactions Equal" tests whether the husband's-signal and wife's-signal interactions with the index are equal. Standard errors clustered at the couple level. *, **, *** denote significance at the 10%, 5%, and 1% levels.

Table A.IX: Household Decision-Making and Ability Summary Statistics

	Pooled	Husbands	Wives
A. Household decision-making power — share who say the husband...			
Controls finances	0.43	0.32	0.54
Controls education	0.40	0.22	0.57
Controls health	0.37	0.23	0.50
Controls shopping	0.33	0.25	0.40
Controls travel	0.52	0.39	0.66
Controls savings	0.34	0.20	0.47
Controls loans	0.48	0.34	0.62
Manages all the money	0.32	0.26	0.39
Is the main household decision maker	0.45	0.29	0.60
B. Perceived relative ability — share who say the husband...			
Is better at the task	0.60	0.45	0.76
Number of couples	400	400	400

Notes: This table reports, for each component of our household decision-making power index (Panel A) and our perceived relative ability index (Panel B), the share of couples for whom the component favors the husband. The *Husbands* column is the husband's own report; the *Wives* column is the wife's report about the husband; the *Pooled* column is the average of the two, i.e., the value of the component that enters the index. Panel A omits the "earns more outside the household" and "older" components, which the current household decision-making power index excludes.

Table A.X: Heterogeneity across Couples: Decision-Making Power
Informed of Draws and Informed of Guess

	Informed of Draws				Informed of Guess			
	Pooled	Husbands	Wives	Joint	Pooled	Husbands	Wives	Joint
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Husband's Signal	0.57***	0.60***	0.50***	0.62***	0.48***	0.57***	0.36***	0.55***
	(0.05)	(0.05)	(0.05)	(0.06)	(0.04)	(0.05)	(0.05)	(0.05)
Wife's Signal	0.44***	0.29***	0.55***	0.54***	0.36***	0.23***	0.46***	0.44***
	(0.05)	(0.05)	(0.05)	(0.06)	(0.05)	(0.06)	(0.05)	(0.07)
Husband's Signal X Husband's Decision-Making Power	0.02	0.02	0.01	0.02	0.04	0.02	0.08*	0.02
	(0.05)	(0.05)	(0.05)	(0.06)	(0.04)	(0.05)	(0.05)	(0.04)
Wife's Signal X Husband's Decision-Making Power	0.05	0.03	0.07	0.05	-0.02	-0.02	0.00	-0.06
	(0.05)	(0.05)	(0.05)	(0.07)	(0.05)	(0.06)	(0.05)	(0.07)
Constant	10.65***	10.66***	10.55***	10.83***	10.74***	10.71***	10.73***	10.81***
	(0.11)	(0.12)	(0.12)	(0.14)	(0.11)	(0.12)	(0.13)	(0.14)
N	2,000	800	800	400	2,000	800	800	400
p-value: HHDM Interactions Equal	0.65	0.93	0.41	0.77	0.41	0.68	0.35	0.39

Notes: OLS estimates of Equation (3) for the Couples Experiment, *Informed of Draws* treatment (columns 1–4) and *Informed of Guess* treatment (columns 5–8). The dependent variable is participants' private guesses (excluding first private guesses). Within each treatment, column 1/5 pools husbands', wives', and joint guesses, and the remaining columns report the husband's, wife's, and joint guesses, respectively. "Husband's Signal" / "Wife's Signal" are the net red draws (red minus white) in each spouse's signal. The Household Decision-Making Index is the average of couples' answers to whether the husband primarily decides over finances, education, health, shopping, travel, savings, and loans, manages the money, and is the main household decision-maker, normalized to mean zero and standard deviation one. "p-value: HHDM Interactions Equal" tests whether the husband's-signal and wife's-signal interactions with the index are equal. Standard errors clustered at the couple level. *, **, *** denote significance at the 10%, 5%, and 1% levels.

Table A.XI: Transcript Behaviors: Summary Statistics (Couples)

	Husband	Wife	Both	Either
A. Leading the discussion				
Spoke first	0.51	0.49	0.00	1.00
Spoke last	0.58	0.42	0.00	1.00
Asked for partner's information	0.14	0.12	0.03	0.23
Suggested the final guess	0.62	0.49	0.14	0.97
Entered the guess	0.61	0.41	0.02	1.00
B. Sharing information				
Shared their guess	0.45	0.48	0.37	0.56
Shared the composition of draws	0.32	0.37	0.22	0.47
Shared their number of draws	0.29	0.33	0.20	0.43
Shared guess or composition	0.55	0.59	0.47	0.68

Notes: Each cell is the share of *Discussion*-round couple-rounds in which the husband, the wife, both spouses ("Both"), or at least one spouse ("Either") did the indicated behavior at least once — the same behaviors as the regression table above. Based on the 709 of 800 discussion-round conversations (400 couples × the two *Discussion* rounds) with audible transcript data; inaudible rounds are dropped. For the leadership behaviors (spoke first / last, entered the guess) the "Both"/"Either" columns are mechanical, since exactly one spouse leads.

Table A.XII: Who "Speaks Up" in the Discussion, by Decision-Making Power

	DV: Husband	DV: Wife
A. Leading the discussion		
Spoke first	0.056^{***}	-0.056^{***}
	(0.021)	(0.021)
Spoke last	0.083^{***}	-0.083^{***}
	(0.023)	(0.023)
Asked for partner's information	0.045^{**}	-0.036^{*}
	(0.021)	(0.019)
Suggested the final guess	0.067^{***}	-0.060^{**}
	(0.024)	(0.027)
Entered the guess	0.096^{***}	-0.091^{***}
	(0.019)	(0.020)
B. Sharing information		
Shared their guess	-0.014	-0.021
	(0.021)	(0.022)
Shared the composition of draws	-0.002	0.004
	(0.019)	(0.019)
Shared their number of draws	0.006	0.009
	(0.019)	(0.018)
Shared guess or composition	-0.014	-0.010
	(0.022)	(0.021)

Notes: Each cell is the coefficient on the (normalized) Household Decision-Making Index from a separate OLS regression of the indicated transcript behavior on the index — for the husband's version of the behavior (column 1) and the wife's version (column 2). A positive coefficient means the behavior is more likely the more household decision-making power the husband holds. Based on the 709 of 800 discussion-round conversations (400 couples × the two *Discussion* rounds) with audible transcript data; inaudible rounds are dropped. Standard errors clustered at the couple level in parentheses. Husband and wife coefficients mirror each other because most behaviors are near-zero-sum within a couple. *, **, *** denote significance at the 10%, 5%, and 1% levels.

B Additional Analyses

B.1 Order of Rounds

Figure A.V shows the weight husbands and wives put on each signal, breaking out the data by round. The first two pairs of bars show the *Individual* round and the first *Discussion* round, which occurred in a random order at the beginning of the experiment. The remaining bars show data from the second *Discussion* round and the two *Informed* rounds, which occurred in a random order as the last three rounds of the experiment.

We see, if anything, somewhat more weight on wives' information—for both husbands' and wives' signals—in the second *Discussion* round than in the first. In neither case is the difference between first and second *Discussion* round statistically significant ($p = 0.16$ and $p = 0.13$ for husbands and wives, respectively). Thus, if anything, our results in the main text understate the extent to which husbands discount their wives signals, absent experiencing treatments specifically highlighting her information.

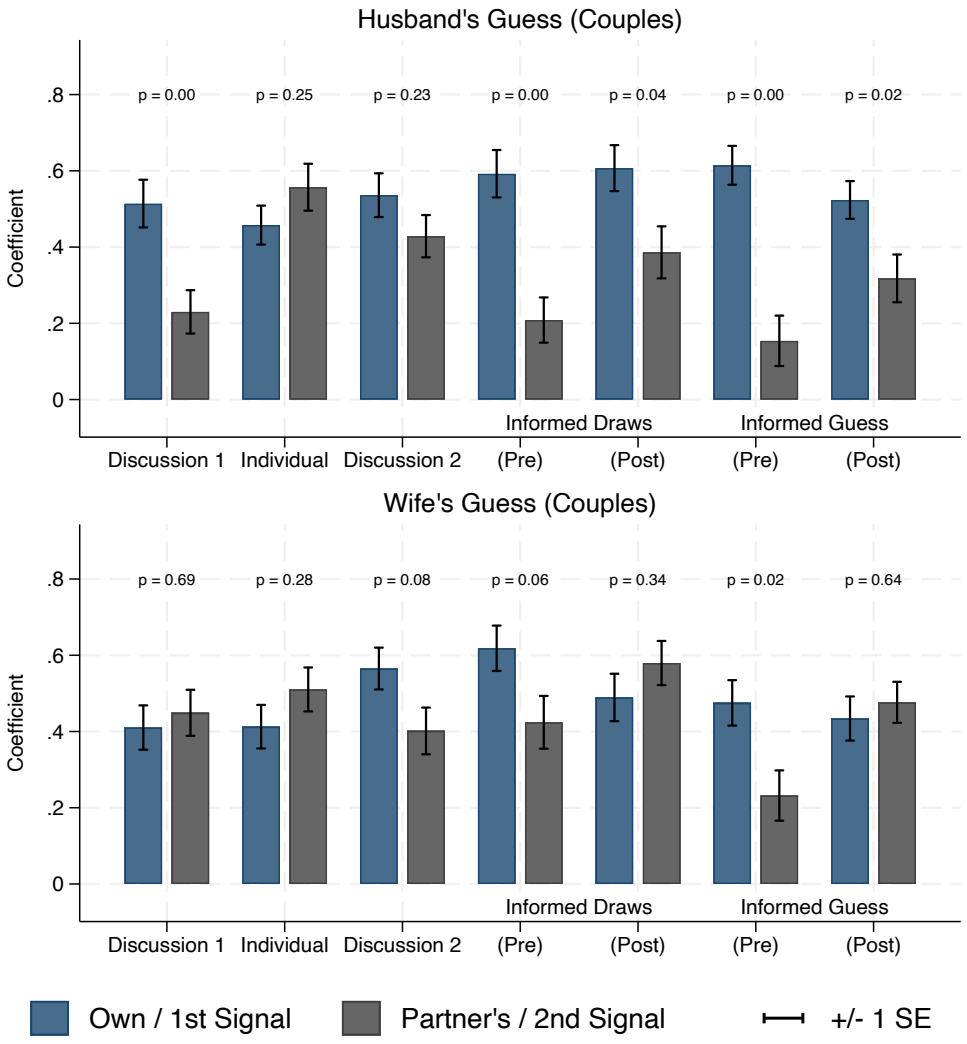


Figure A.V: Signal Weights by Round Type

Notes: Each pair of bars shows OLS coefficients from a regression of guesses on own and partner's signals. "Discussion 1" and "Discussion 2" = post-discussion guesses in the first and second Discussion rounds; "Individual" = post-second-draw guess in the Individual round (using own first and second signals); "(Pre)" and "(Post)" under Informed Draws/Guess = pre- and post-discussion guesses in the respective treatment. Standard errors clustered at the couple level. p-values test equality of signal weights.

B.2 Quasi-Bayesian Model

Here we estimate a simple model of quasi-Bayesian updating (Grether, 1980, 1992), following Conlon et al. (2026). Here we model participants as risk-neutral agents at-

tempting to maximize expected payoffs given their (potentially mis-specified) beliefs. Let d_1 be the participant's own signal and let d_2 be her partner's signal: for example d_1 might equal $\{\text{White}, \text{White}, \text{White}, \text{Red}, \text{White}\}$ and d_2 might equal $\{\text{White}\}$. We assume that the participant updates her beliefs about s, the number of red balls in the urn, according to the following rule, which nests Bayes' Rule as a special case:

$$Posterior(s|d_1, d_2) \propto Prior(s) \cdot P(d_1|s)^{\omega_{1t}} \cdot P(d_2|s)^{\omega_{2t}} \tag{4}$$

Here, $Prior(s)$ is the participant's prior about the probability of s. Recall that we impose uniform prior over the 13 possible states $s \in \{4, 5, \ldots, 16\}$, so $Prior(s) = \frac{1}{13}$ for all s. Next, $P(d_i|s)$ is the true chance of observing d_i conditional on s. Finally, ω_{1t} and ω_{2t} are the weights that the participant puts on her own and her partner's signals, conditional on being in treatment t. Note that Equation (4) reduces to Bayes' Rule when $\omega_{1t} = \omega_{2t} = 1$,

We assume the following functional form for ω_{1t} and ω_{2t} to mirror the reduced-form analysis in the main text:

$$\omega_{1t} = \beta_1 \qquad\qquad \omega_{2t} = \beta_2 + \beta_{3t}$$

Here, β_1 is the participant's weight on her own signal, β_2 is the baseline weight on the second signal in the *Individual* treatment, and β_{3t} captures any difference in weight in treatment t relative to the *Individual* baseline. By comparing ω_{2t} across treatments, we identify the effect of information source (own vs. partner's), holding fixed the order in which a signal arrived during the round.

Finally, we allow for noisy choice, which allows us to account for heterogeneity in guesses conditional on signals. We assume that agents only noisily calculate the expected payoff of a guess given their beliefs. Let $Earnings(g, s)$ be the earnings that a participant earns with guess g if the true state was s. Our experimental incentives imply that $Earnings(g, s) = \max\{0, 7 - |g - s|\}$.[30] The agent calculates the expected payoff of each guess g using Equation 4, plus an i.i.d. Type-1 Extreme Value additive error term $\epsilon_{i,g}$. That is, we assume the perceived expected payoff from making guess g given draws d_1 and d_2 is given by

$$EP(g|d_1, d_2) = \sum_{s=4}^{16} Posterior(s|d_1, d_2) \cdot Earnings(g, s) + \gamma \cdot \epsilon_{i,g}. \tag{5}$$

The agent then makes the guess with the highest perceived expected payoff. The parameter γ then governs the extent of noisy choice. We estimate the model by maximum likelihood and use bootstrapping (clustered at the pair level) to construct standard errors.

[30] The units here can be thought of as each representing 30 rupees.

Table A.XIII presents the model estimates separately for husbands and wives in our couples data and for men and women in our strangers data. We further estimate two versions of the model, one pooling all treatments other than the *Individual* treatment, and the other allowing for differential discounting of information in each treatment. The results closely mirror the reduced-form findings in Table 2. Husbands significantly discount their wives' signals, while wives place roughly equal weight on their own and their husbands' signals. In the strangers experiment, both men and women discount their partners' signals.

Table A.XIII: Couples' and Strangers' Weight on Own vs. Others' Information: Structural Estimates

	Couples				**Strangers**			
	Husbands		**Wives**		**Men**		**Women**	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
β_1: First Signal	0.93***	0.92***	1.14***	1.14***	0.67***	0.67***	0.77***	0.77***
	(0.12)	(0.12)	(0.21)	(0.21)	(0.16)	(0.15)	(0.17)	(0.17)
β_2: Second Signal	1.28***	1.28***	1.31***	1.30***	1.36***	1.35***	1.20***	1.20***
	(0.22)	(0.21)	(0.38)	(0.37)	(0.35)	(0.35)	(0.37)	(0.37)
$\beta_{3,0}$: Second Signal X From Partner	-0.86***		-0.38		-1.07***		-0.88**	
	(0.21)		(0.32)		(0.32)		(0.35)	
$\beta_{3,1}$: Second Signal X Discussion		-0.83***		-0.40		-1.11***		-0.66*
		(0.20)		(0.33)		(0.35)		(0.34)
$\beta_{3,2}$: Second Signal X Informed of Draws		-0.85***		-0.08		-1.02***		-0.82**
		(0.23)		(0.36)		(0.32)		(0.38)
$\beta_{3,3}$: Second Signal X Informed of Guess		-0.89***		-0.60*		-1.08***		-1.02***
		(0.25)		(0.35)		(0.33)		(0.37)
γ: Noise Parameter	1.95***	1.95***	2.37***	2.36***	2.13***	2.12***	2.40***	2.39***
	(0.14)	(0.14)	(0.17)	(0.17)	(0.25)	(0.24)	(0.31)	(0.31)
N	2800	2800	2800	2800	1500	1500	1500	1500
p-value: $\beta_{3,0}$ equal across genders	0.23				0.69			
p-value: $\beta_{3,1}$ equal across genders		0.31				0.35		
p-value: $\beta_{3,2}$ equal across genders		0.09				0.67		
p-value: $\beta_{3,3}$ equal across genders		0.52				0.90		

Notes: This table shows structural estimates of the quasi-Bayesian model described in Section B.2 for the Couples Experiment (Columns 1–4) and the Strangers Experiment (Columns 5–8), broken up by gender (Columns 1–2 and 5–6 for men, 3–4 and 7–8 for women). The specification mirrors Table 2: odd columns pool all non-Individual treatments, while even columns interact the second signal weight with treatment indicators. A Bayesian agent has $\beta_1 = \beta_2 = 1$ and $\beta_3 = 0$. Standard errors are bootstrapped at the couple/pair level. *, **, and *** indicate significance at the p<0.10, 0.05, and 0.01 levels.

C Experimental Scripts

Contents

C.1 Demographic Survey

SECTION P: PREAMBLE

P1. PID: |__|__|__|
[.>= 2000 and .<= 2700]

P2. Interviewer
[ ] 1. Arunbalajee
[ ] 2. Balachandar
[ ] 3. Chinnaraja
[ ] 4. Chitra
[ ] 5. John
[ ] 6. Monisha
[ ] 7. Saravannan
[ ] 8. Subbulakshmi
[ ] 9. Valli
[ ] 10. Vasu
[ ] 11. Vimal
[ ] 12. Others, specify: _____

P3. Date: |__|__|__|__| YYYY/|__|__|MM/|__|__|DD

P4. Interview Start Time: |__|__|:|__|__| 24HR

P5. What design is the respondent part of?
[ ] 1. Couple design
[ ] 2. Individual design

INTRODUCTION

I would like to ask you some questions about your background, your family, and your work habits. This survey will take about 10 minutes. Please answer the questions as truthfully and accurately as possible.

Please remember that your answers will not be shared with other members of your family, friends or anyone else. The survey is entirely voluntary and you can skip questions if you don't feel comfortable answering them. There are no 'right' or 'wrong' answers. So, please answer as truthfully as possible.

Please keep in mind that your survey answers will not affect your compensation for completing this survey, participating in our study, or any other benefits that you may receive from us in the future in any way.

SECTION A: DEMOGRAPHICS

First, I would like to ask you some questions about your background such as how old you are, whether you are married, and your level of formal education.

A1. What is the respondent's gender?
[ ] 1. Male
[ ] 2. Female

A2. How old are you? If you do not know your exact age, please give me your best guess. ___
[. > 18 and . <60]

SECTION A1: FAMILY

A3. What is your current marital status? *[Do not read: Read out all the options. Check the appropriate one.]*

[ ] 1. Single.
[ ] 2. Married.
[ ] 3. Divorced
[ ] 4. Widowed
[ ] 998. Other, specify: _____.

[if A3 != 2] [In case, this is a participant for the individual design - this relevance condition will not be present.]
This appears to be wrong. Please go back and correct the answer or call your supervisor if necessary.

[if A3 = 2]
A4. How many years have you been married for? If you do not know the exact years, please give me your best guess. ___ **[. > 0 and . <47]** *[Do not read: If the participant does not respond in integers, write down the number of years with decimal values.]*

A5. How many children do you have? _____

A6. Does your spouse currently live with you?

[ ] 0. No.
[ ] 1. Yes.

SECTION A2: EDUCATION

A7. What is the highest level of education you have completed?

[ ] 0. Never attended school.
[ ] 1. Only attended pre-school (LKG, UKG).
[ ] 2. Attended school past pre-school and completed up to → a) _____ standard.
[ ] 3. Attended college but did not finish.
[ ] 4. Finished college.
[ ] 998. Other, specify: _____.

A8. Are you able to read a Tamil newspaper?

[ ] 0. No.
[ ] 1. Yes.

A9. Are you able to write letters in Tamil?

[ ] 0. No.
[ ] 1. Yes.

A10. Are you able to read English letters?

[ ] 0. No.
[ ] 1. Yes.

A11. Are you able to write letters in English?

[ ] 0. No.
[ ] 1. Yes.

A12. Can you tell me what 8 + 14 is? _____.
[Do not read: go to the next question if the participant does not know the answer.]

A13. Can you tell me what 12 – 7 is? _____.
[Do not read: go to the next question if the participant does not know the answer.]

A14. Can you tell me what 3 x 9 is? _____.
[Do not read: go to the next question if the participant does not know the answer.]

SECTION A3: RATION CARD

A15. Does someone in your household have a ration card?
[ ] 0. No.
[ ] 1. Yes.

[If A15= 1]
A16. What color is your ration card? *[Do not read: Do not prompt the participants. Check one as appropriate.]*
[ ] 1. Green.
[ ] 2. White.
[ ] 3. Smart card.

SECTION A4: RELIGION

A17. Do you identify with a certain religion?
[ ] 0. No.
[ ] 1. Yes.

[If A17 = 1]
A18. What religion do you identify with? *[Do not read: Read all options. Check one as appropriate.]*
[ ] 1. Hinduism.
[ ] 2. Islam.
[ ] 3. Christianity.
[ ] 4. Jainism.
[ ] 5. Buddhism.
[ ] 6. Sikhism.
[ ] 7. 998. Other, specify: _____

A19. Notes: _____

SECTION B: WORK AND EARNINGS

Secondly, I would like to ask you some questions about your work, how you earn money, and how you make decisions about work habits.

B1. What is your current employment status? *[Do not read: Read all options. Check one as appropriate.]*
[ ] 0. Unemployed.
[ ] 1. Work short duration/temporary jobs.
[ ] 2. Employed part time.
[ ] 3. Employed full time.
[ ] 4. Housewife.
[ ] 998. Other, specify: _____.

[if ${b1} != 0 or ${b1} != 4]
B2. What is your primary profession? *[Do not read: Read all options. Check all that apply.]*
[ ] 0. Unemployed

[ ] 1. Rag picker.
[ ] 2. Bidi roller.
[ ] 3. Laundry /Washer man (woman).
[ ] 4. Porter.
[ ] 5. Textile workers/ Tailor.
[ ] 6. Data entry operator.
[ ] 7. Load man.
[ ] 8. Cobbler (shoe maker).
[ ] 9. Drivers (car/bus/auto).
[ ] 10. Rice bag stitcher/destitcher.
[ ] 11. Passenger rickshaw puller.
[ ] 12. Cargo rickshaw puller.
[ ] 13. Maid.
[ ] 14. Flower stringer.
[ ] 15. Salesman (woman) / vendors.
[ ] 16. Bamboo worker.
[ ] 17. Coolie worker.
[ ] 18. Electrician.
[ ] 19. Construction worker.
[ ] 20. Plumber.
[ ] 21. Painter.
[ ] 22. Technician.
\
[ ] 998. Other, specify: _____.

B3. Years Employed (present and previous occupation):_____

B4. During a typical week, how many days of the week do you work? _____ days.

B5. During a typical day of work, how much do you earn? Rs. _____.

B6. During a typical day of work, how many hours do you work? _____ hours.

B7. During the past year, who among you and your spouse earned more money overall?
[ ] 1. I earned more.
[ ] 2. My spouse earned more.
[ ] 3. We earned about the same.

B8. Notes: _____.

SECTION C: HOUSEHOLD DECISIONS

Think about the important decisions that have to be taken in your household - finances, children's education, shopping, travel.

C1. Overall, who is the main decision-maker in your household?
[ ] 0. Husband.
[ ] 1. Wife.
[ ] 2. Other: ____
C2. In your household, what are the decisions that you mainly decide about?

C3. In your household, what are the decisions that your spouse mainly decides about?

C4. In your household, what are the decisions that you and your spouse mainly decides about?

C5. Who has more control over decisions pertinent to finances?
[ ] 0. Husband.
[ ] 1. Wife.

C6 Who has more control over decisions pertinent to children's education?
[ ] 0. Husband.
[ ] 1. Wife.

C7. Who has more control over decisions pertinent to children's and family health?
[ ] 0. Husband.
[ ] 1. Wife.

C8. Who has more control over decisions pertinent to shopping?
[ ] 0. Husband.
[ ] 1. Wife.

C9. Who has more control over decisions pertinent to travel?
[ ] 0. Husband.
[ ] 1. Wife.

C10. How do you and your partner/spouse organize your household income? Which of the sentences on this card fits best? *[Do not read: Read out all the options and check the appropriate one.]*
[ ] 1. I manage all the money and give my partner/spouse his/her share
[ ] 2. My partner/spouse manages all the money and gives me my share
[ ] 3. We pool all the money and each takes out what we need
[ ] 4. We pool some of the money and keep the rest separate
[ ] 5. We each keep our own money separate
[ ] 998. Other, specify: _____.

C11. How satisfied are you with the sharing opinion on household tasks between you and your partner/spouse?
[ ] 0. Never.
[ ] 1. Almost Never.
[ ] 2. Sometimes.
[ ] 3. Fairly Often.
[ ] 4. Very Often.

C12. Couples deal with serious disagreements in various ways. When you have a serious disagreement with your partner/spouse, how often do you keep your opinion to yourself?
[ ] 0. Never.
[ ] 1. Almost Never.
[ ] 2. Sometimes.
[ ] 3. Fairly Often.
[ ] 4. Very Often.

C13. Notes: _____.

SECTION D: SAVINGS AND BORROWING

Now I would like to ask you some questions about savings and borrowing in your household.

D1. Who makes important decisions regarding savings?
[ ] 0. Husband.
[ ] 1. Wife.

[ ] 2. Both husband and wife

D2. Is your spouse aware of all of your savings?
[ ] 0. No.
[ ] 1. Yes.

D3. Who makes important decisions regarding loans?
[ ] 0. Husband.
[ ] 1. Wife.
[ ] 2. Both husband and wife

D4. Is your spouse aware of all of your outstanding loans?
[ ] 0. No.
[ ] 1. Yes.

D5. Notes: ____.

SECTION Z: CONCLUSION

Thank you for your time!

Z1. Re-enter PID: ____

End Time: |__|__|:|__|__| 24HR

C.2 Experimental Script for Wives

SECTION P: PREAMBLE

P1. PID: |__|__|__|
[.>= 2000 and . <= 2700]

P2. Interviewer

P2a. [Prefilled] Randomized interviewer for the Rounds.

P3. Do you have the following things to proceed with the experiment?
[ ] 1. Sheet with scale for guessing red balls in the urn along with a token
[ ] 2. Sheet with payment mechanism
[ ] 3. Sheet to explain randomization of final guess
[ ] 4. A sample urn with red and white balls (10 each)
[ ] 5. Tray with red and white balls (10 each)
[ ] 6. Lid to cover the urn on the table
[ ] 7. Two practice urns - (16,4) and (9,11)
[ ] 8. Arrange all five urns for the activity at the back of the booth
[ ] 9. Envelope with the guess that counts

P4. Date: |__|__|__|__| YYYY/|__|__|MM/|__|__|DD

P5. Interview Start Time: |__|__|:|__|__| 24HR

General prefills:
P6. [Prefilled] Randomized order of rounds
P7. [Prefilled] Number of red balls in the urn in Round 1.
P8. [Prefilled] Number of red balls in the urn in Round 2.
P9. [Prefilled] Number of red balls in the urn in Round 3.
P10. [Prefilled] Number of red balls in the urn in Round 4.
P11. [Prefilled] Number of red balls in the urn in Round 5

Round 1 prefills:
P12. [Prefilled] Spouse who goes first in Round 1.
P13. [Prefilled] Spouse who goes second in Round 1.
P14. [Prefilled] Spouse 1's number of draws from Round 1.
P15. [Prefilled] Spouse 2's number of draws from Round 1.
P36. [Prefilled] Public/private discussion.

Round 2 prefills:
P16. [Prefilled] Spouse who goes first in Round 2.
P17. [Prefilled] Spouse who goes second in Round 2.
P18. [Prefilled] Spouse 1's first number of draws from Round 2.
P19. [Prefilled] Spouse 2's first number of draws from Round 2.
P20. [Prefilled] Spouse 1's second number of draws from Round 2.
P21. [Prefilled] Spouse 2's second number of draws from Round 2.

Round 3 prefills:

P22. [Prefilled] Spouse who goes first in Round 3.
P23. [Prefilled] Spouse who goes second in Round 3.
P24. [Prefilled] Spouse 1's number of draws from Round 3.
P25. [Prefilled] Spouse 2's number of draws from Round 3.
P34. [Prefilled] Public/private discussion.

Round 4 prefills:
P26. [Prefilled] Spouse who goes first in Round 4.
P27. [Prefilled] Spouse who goes second in Round 4.
P28. [Prefilled] Spouse 1's number of draws from Round 4.
P29. [Prefilled] Spouse 2's number of draws from Round 4.
P35. [Prefilled] Public/private discussion.

Round 5 prefills:
P30. [Prefilled] Spouse who goes first in Round 5.
P31. [Prefilled] Spouse who goes second in Round 5.
P32. [Prefilled] Spouse 1's number of draws from Round 5.
P33. [Prefilled] Spouse 2's number of draws from Round 5.
P37. [Prefilled] Public/private discussion.

Beliefs about competence prefills:
P38. [Prefilled] Randomized belief chosen for Spouse 2.
P39. [Prefilled] Randomized belief chosen for Spouse 1.

Finalized round and guess prefills:
P40. [Prefilled] Randomized final round.
P41. [Prefilled] Randomized final guess.

SECTION A: INTRODUCTION

[Do not read: Talk to the wife and ensure that the introduction for the husband starts simultaneously.]

Thank you for coming today! My name is ${p2}. Would you like something to drink before we start the task? May we offer you some water, or tea, or coffee?

Please turn off your mobile phone till the end of this task. We want to ensure that you are attentive throughout the task.

As discussed before, you and your husband will take part in a task in which you can earn some money. Please take this task seriously. Your choices directly affect how much you earn.

This study aims to contribute to the welfare of the people. So, your participation is important to us. Before you make each choice, think well. Consider these choices to be like decisions you make in real life.

Section A1: General Overview

We will now explain the activity to you. **Similarly, another surveyor is explaining this activity to your husband.** You and your husband will then participate in a total of five rounds that are all similar. In each round, you will see an urn such as this one.

[Do not read: Show the sample urn with a few red and white balls.]

Each urn contains a total of 20 balls. Some of these balls are white and others are red.

[Do not read: Show the participant a tray with some white balls and some red balls.]

Now we will ask you some questions about this task.

A1. How many balls are inside each urn?
[ ] a. 20 → Yes, that is correct.
[ ] b. Any other answer → No, there are 20 balls inside each urn.

A2. What are the colors of these balls?
[ ] a. Red and white → Yes, that is correct.
[ ] b. Any other answer → No, the balls are red and white.

In each round, the number of red and white balls will be unknown to you. You will only know that in total there are 20 balls inside the urn.

Your task will be to guess how many of these balls are red. In each round, you can draw some balls from the urn to help you make this guess.

A3. Now, can you describe to me in your own words what we would like you to do in this task?

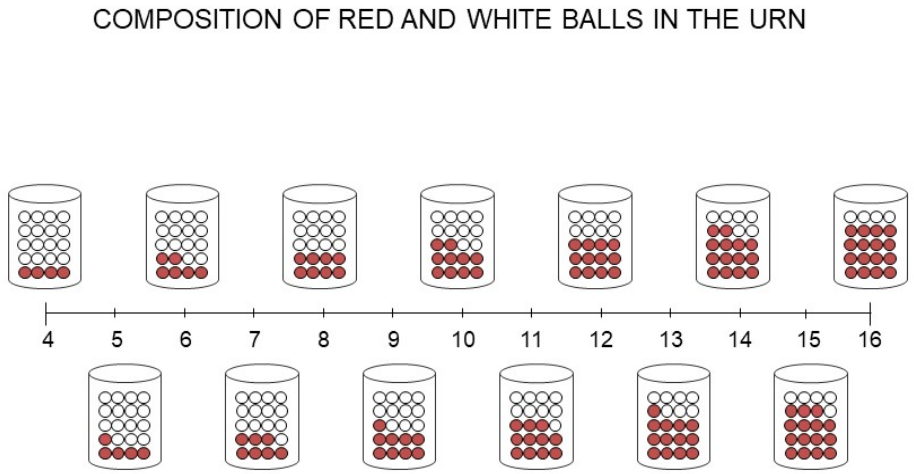
[*Do not read: Select all points mentioned correctly by the participants*.]

[ ] a. Draw a few balls from the urn.
[ ] b. Based on the draws, guess how many of the balls in the urn are red.

A3a. *[Do not read: Did the participant describe all steps of the task accurately?]*
[ ] a. Yes → Proceed with the survey.
[ ] b. No, the participant missed or described incorrectly 1 of the 2 points. → Explain that particular point to the participant.
[ ] c. No, the participant missed or described incorrectly both points. → Explain Section A1 to the participant again. Ignore comprehension questions that are part of the text.

Section A2: Randomization of Red and White Balls

[Do not read: Show the scale depicting composition of balls in the urn (Figure 1) to the participant as you explain the below text to them.]



Your goal is to guess the number of red balls in the urn, in all five rounds. The number of red balls can be any number ranging from 4 to 16, as you can see on this figure.

- The lowest possible number of red balls is 4. *[Do not read: Point to the urn in the figure containing 4 red balls.*]

  A4. Can there be less than 4 red balls in the urn, in any round?
  [ ] a. Yes → No, the lowest number of red balls is 4.
  [ ] b. No → Yes, this is correct.

- The highest possible number of red balls is 16. *[Do not read: Point to the urn in the figure containing 16 red balls.*]

  A5. Can there be more than 16 red balls in the urn, in any round?
  [ ] a. Yes → No, the highest number of red balls is 16.
  [ ] b. No → Yes, this is correct.

- Any other number between 4 and 16 is possible. For example, there could be 6, 7, 11, or 12 red balls in the urn.

We have already used our computer to decide the true number of red balls in the urn in each round. Our computer picked a random number from 4 to 16 for all five rounds. The computer was equally likely to choose any number from 4 up to 16. So, in each round, any number from 4 to 16 is equally likely to be the true number.

In each round, we will ask you to guess the number of red balls in the urn. When we do, we would like you to use this coin to point to the exact number you would like to guess, on this figure.

[Do not read: Show the participant how to point to the exact number on Figure 1 with the coin.]

Before we proceed, we will ask you some questions.

A6. What is the highest number of red balls that can possibly be in the urn?
[ ] a. 16 → Yes, that is correct.
[ ] b. Any other answer → No, there can be a maximum of 16 red balls in the urn.

A7. What is the lowest number of red balls that can possibly be in the urn?
[ ] a. 4 → Yes, that is correct.
[ ] b. Any other answer → No, there can be a minimum of 4 red balls in the urn.

A8. How do we decide the correct number of red balls in the urn? Is it you, me, or the computer?
[ ] a. The computer already decided. → Yes, that's correct.
[ ] b. Any other answer → No, the computer decides the correct number of red balls in the urn.

A9. Are some numbers of red balls more likely to occur than others?
[ ] a. Each number is equally likely to be chosen by the computer. → Yes, that's correct.
[ ] b. Any other answer → No, each number is equally likely to be chosen by the computer.

A10. Do you have any questions for us?
[ ] a. Yes → *[Do not read: Clarify any doubts or questions they may have.]*
[ ] b. No → *[Do not read: Proceed with the survey.]*

A10a. **[if ${a10} = 1]** *[Do not read]* Specify their question: _____

Let's practice the task a few times. These rounds will not matter for your payment. They are just to help you better understand the task.

Before we begin the example rounds, let me clarify. In the final task, you will have one set of draws, while your husband has another set of draws from the same urn. In the example rounds, you will have both sets of draws. Similarly, your husband in the other booth will also have both sets of draws in the example rounds.

[Do not read: Take practice urn 1 that contains 16 red balls and 4 white balls. Use the scale.]

This urn contains 20 balls. Your goal will be to guess how many of them are red. Please draw one ball from this urn. I will shuffle the balls in the urn before you draw from the urn.

A11. Color of the ball: _____
[SurveyCTO check: Limit string length to exactly 1 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A12. How many red balls do you think are in this urn? _____

Please draw an additional five balls from this urn. I will shuffle the balls in the urn before each of your draws.

A13. Order of the draws: _____
[SurveyCTO check: Limit string length to exactly 5 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A14. How many red balls do you think are in this urn? Note that you should use the information from all six draws for your guess. _____

Do you have any questions for us so far?

[Do not read: Clarify any doubts or questions they may have.]

Let's now see how many red balls there are actually in the urn.

[Do not read: Empty the urn in front of the participant and count the number of red balls.]

As you can see, this urn contains mostly red balls. 16 of the balls are red and 4 of them are white.

Let me try to give you a few tips based on this example:

- **Tip 1:** Your draws help you make your guesses.
    - Suppose you draw more red balls than white balls. Then it makes sense to guess that there are more red balls in the urn. For example, if you draw four red balls and one white ball, then there are probably more red than white balls in the urn overall.
    - Suppose you draw more white balls. It makes sense to guess that there are more white balls in the urn.
    - Suppose you draw the same number of red and white balls. It makes sense to guess that the number of red and white balls are the same.
- **Tip 2:** The more balls you draw, the more confident you can be in your guess.
    - For example, suppose you draw only one ball. You do not learn much. Since there are many balls in the urn and you might draw a white ball by chance even if most balls are red.

- Suppose you draw many balls and most of the balls are red. Then, you can be fairly sure that most balls in the urn are red. Suppose you draw many balls and most of the balls are white. Then, you can be fairly sure that most balls in the urn are white.

A15. Can you tell us if you can learn more about the number of red balls from 1 draw or from 5 draws?
[ ] a. I will learn more when I draw 5 balls → Yes, that's correct.
[ ] b. I will learn more when I draw 1 ball → No, that's incorrect. You can learn more when you draw 5 balls.
[ ] c. I will learn the same regardless of how many balls I draw. → No, that's incorrect. You can learn more when you draw 5 balls.

- **Tip 3**: Shuffling the balls in the urn will be helpful. You will be able to learn more about the contents of the urn.

    - In this activity, I will ask you to draw a ball from the urn. Once you have a looked at the a ball, you put it back into the urn, and then draw another ball. Then you draw the next ball without shuffling the balls properly, there is a higher chance that you will draw the same ball again. If you draw the same ball again, you are not learning anything new. Thus, it is important to shuffle the urn to learn more about the contents of the urn. In each round, I will shuffle the balls in the urn before each of your draws.

Could you please repeat each of these three tips in your own words? I want to be sure I have explained things clearly.

A16. [*Do not read: Select all points mentioned correctly by the participant*.]
[ ] a. The more red balls you draw from the urn, the higher the chance that majority of the balls are red.
[ ] b. The more balls you draw, the more confident you can be in your guess.
[ ] c. Shuffling the balls in the urn can help you learn more.

[Do not read: Repeat the particular tips that they missed or incorrectly explained just once.]

Let's do another example.

[Do not read: Take practice urn 2 that contains 9 red balls and 11 white balls. Use Figure 1 and the coin.]

Please draw nine balls from this urn.

[Do not read: Shuffle the balls in the urn, before each draw.]

A17. Order of the draws: _____
[SurveyCTO check: Limit string length to exactly 9 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A18. How many red balls do you think are in this urn? _____

Please draw an additional ball from this urn.

[Do not read: Shuffle the balls in the urn, before each draw.]

A19. Color of the draw: _____
[SurveyCTO check: Limit string length to exactly 1 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A20. How many red balls do you think are in this urn?Note that you should use the information from all ten draws for your guess.

_____

Let's now see how many red balls there are in the urn.

[Do not read: Empty the urn in front of the participant and count the number of red balls.]

As you can see, the urn contains more white balls than red balls. There are 9 red balls in the urn and 11 white balls in the urn.

Section A3: Explanation of the Number of Draws

As we said before, you and your husband have to guess the correct number of red balls in the urn. We will pay you according to how close your guess is to the true number of red balls in the urn.

You will make many draws and guesses for five different urns. Similarly, so will your husband. Now let me tell you more about the number of draws.

The number of draws each of you get will vary between 1,5, and 9.
The number of draws you and your husband will get might be different from each other.
The number of draws you and your husband will get might also be different across sections.

A21. Is it possible that you get exactly 4 draws in any particular round?
[ ] a. Yes, I think I can get 4 draws in a round. → No, that is incorrect. You can get either 1, 5 or 9 draws in a round.
[ ] b. No, I don't think I can get 4 draws in a round. → Yes, that is correct. You can get either 1, 5 or 9 draws in a round.

A22. How do you think your number of draws will be across rounds? *[Do not read: Read all options and mark one]*
[ ] a. You will have the same number of draws across each round. → No, that is incorrect. You may have the same or different number of draws across each round.
[ ] b. You will have different number of draws across each round. → No, that is incorrect. You may have the same or different number of draws across each round.
[ ] c. You may have the same or different number of draws across each round. → Yes, that is correct.

A23. In any given round, do you think you and your husband will have the same number of draws?
[ ] a. Yes, we will both have the same number of draws. → No, that is incorrect. You might or might not have the same number of draws.
[ ] b. No, we will not have the same number of draws. → No, that is incorrect. You might or might not have the same number of draws.
[ ] c. We might or might not have the same number of draws. → Yes, that is correct.

Section A4: Randomization of the Guess to be Implemented

Now, let me tell you more about the guesses you and your husband will make.

Some of these guesses will be on your own. Some others you will make together with your husband. We will record all your choices on this sheet. *[Do not read: Show the participant the sheet in which you record the choices.]* The computer has chosen only one of these guesses to be the one that counts for your payment. Since you do not know which of those choices will be selected when making your choices, you should take each single choice very seriously.

	Wife Guess 1	Husband Guess 1	Wife Guess 2	Husband Guess 2	Joint Guess
Round 1					
Round 2					
Round 3					
Round 4					
Round 5					

Section A5. Payment Depending on Performance

[Do not read: Show them Figure 2 to explain the payment scheme.]

Now, let me explain how the payment scheme works with this figure.

- Regardless of your choices, you and your husband together will receive a flat payment of Rs. 300. Besides this flat payment, both of you have a chance to make some more money. How much more money you can earn depends on how close both your guesses are to the true number of balls in the urn. Each of you will be paid half of the total amount you earn separately.

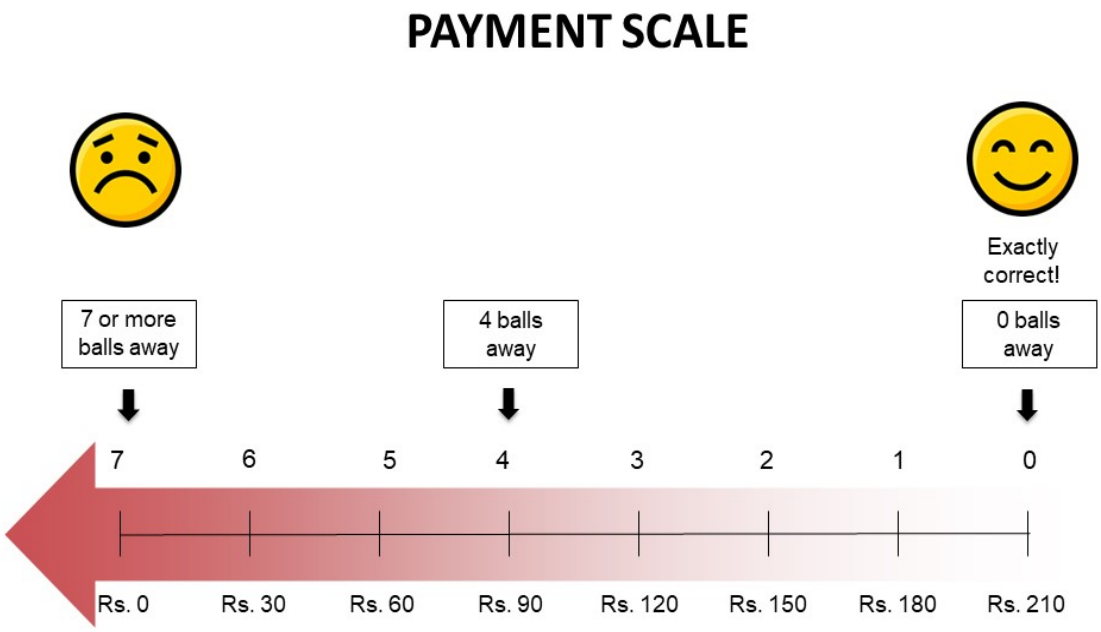
- As we mentioned above, only one of your guesses will be chosen by the computer.

- If the chosen guess is exactly correct, then you and your husband together could receive, besides the flat payment, at the most Rs. 210. So, your total payment could be at most Rs. 510. If your guess is very wrong, then you will make no extra money from the guess. You would only receive the flat payment of Rs. 300. If you are in middle of these two extremes, you get an amount that is between Rs. 0 and Rs. 210.

- Along with this, you and your husband will have an opportunity to earn an additional Rs. 50 each at the end of this activity.

- Let me give you an example. Suppose the true number of red balls is 5.

  [*Do not read: Use Figure 2 to explain this entire section*.]



- If your guess is 5, your guess is exactly correct. So, you would receive the maximum of Rs. 210 from the guesses (and Rs. 510 in total).

- If your guess is 9, it is 4 balls away from the truth since 9 minus 5 is 4. You will lose Rs. 30 for each of the 4 balls. Therefore, you would lose Rs. 120 and receive Rs. 90 from the guess.

- If your guess is 12, it is 7 balls away from the truth since 12 minus 5 is 7. You will lose Rs. 30 each for the 7 balls. Therefore, you would lose Rs. 210 and receive nothing from the guesses.

- If your guess is 16, it is 11 balls away from the truth since 16 minus 5 is 11. This guess is quite far away from the truth, so you would not receive any additional payments.

Do you have any questions about how the payment is decided?

Now, we will ask you a few questions before we proceed with the activity.

[Do not read: Ask the participant to use Figure 2 for the following questions.]
A24. Suppose that the true number is 6 red balls for the guess that counts. If you guess that there are 7 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?
[ ] a. 1 ball away from the true number. Rs. 180 → Yes, that's correct. [if ${a24} = 180]

[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 180. [if ${a24} != 180]

A25. Suppose that the true number is 15 red balls for the guess that counts. If you guess that there are 4 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?

[ ] a. 11 balls away from the true number. Rs. 0 → Yes, that's correct. [if ${a25} = 0]
[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 0. [if ${a25} != 0]

A26. Suppose that the true number is 12 red balls for the guess that counts. If you guess that there are 8 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?
[ ] a. 4 balls away from the true number. Rs. 90→ Yes, that's correct. [if ${a26} = 90]
[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 90. [if ${a26} != 90]

Section A6: Overview of the Activity

Before we begin the activity, let me now tell you about the structure of the activity:

- The number of draws for each of you will vary between 1, 5 and 9 over time. Each of you might get a different number of draws. We will inform you about this number in each round.
- Based on your draws, you will each make a few guesses - some on your own, some with your husband.

We are interested in learning how you decide. Thus, in some of the rounds, we will be present to observe how you make decisions. This procedure has nothing to do with what we think of the decisions you make. We follow it with all the participants.

Do you have any questions before we begin?

[Do not read: Clarify any doubts or questions they may have.]

Comprehension scores: *[In-built CTO Check to calculate their comprehension]*

${p2a} will continue with the rest of the survey.

SECTION B: ROUNDS

ROUND 1: Classic

Here is the first urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is green in color - for each round, we will use a different colored urn.

The computer has decided that ${p12} starts first in this round. In this round, you will draw a few balls and guess the number of red balls in the urn; then your ${p13} will draw a few balls and guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p13} to leave and talk to the ${p12}.]

A: Spouse 1 Individual Guess

Before we start the activity, can you now please explain to me in your own words what we are asking you to do?

R1_a. *[Do not read: Did the participant mention the following points correctly?]*
[ ] a. Draw balls
[ ] b. Guess number of red balls

[Do not read: Repeat and correct points that are missing or incorrect.]

This urn contains 20 balls. You can now draw ${p14} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p14} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p14} times and note down the composition.]

Q1. Order of red/white balls drawn: ____
[SurveyCTO check: Limit string length to exactly ${p14} and display as field list.]

Q2. *[Do not read]* How many red balls did the ${p12} draw? ___

Q3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p13}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p12} to wait and ask the ${p13} to join. Once the ${p13} joins, ask the ${p12} to leave.]

B. Spouse 2 Individual Guess

Before we start the activity, can you now please explain to me in your own words what we are asking you to do?

R1_b. *[Do not read: Did the participant mention the following points correctly?]*
[ ] a. Draw balls
[ ] b. Guess number of red balls

[Do not read: Repeat and correct points that are missing or incorrect.]

This urn contains 20 balls and your ${p12} got a chance draw some balls from it. Now it is your turn. You can draw ${p15} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p15} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p15} times and note down the composition.]

Q4. Order of red/white balls drawn: ____
[SurveyCTO check: Limit string length to ${p15} and display as field list.]

Q5. How many red balls did the ${p13} draw? ___

Q6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p13} to wait and ask the ${p12} to join.]

C. Joint Discussion
Now, we would like you to decide together the number of red balls in the urn.

[if ${p36} = "public"] C1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

Q7a. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

Q7b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

Q7c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${q7c} = 1; for Q7d – Q7h]
Q7d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

Q7e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

Q7f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

Q7g. *[Do not read]* Who made the decision?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

Q7h. *[Do not read]* Notes on interaction: _____

[if ${p36} = "private"] C2. Private Discussion
Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

Q7i. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

Q7j. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*
C3. Joint Guess

Q8. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Q9. [*Do not read: Which spouse moved the coin last on the scale?*]
[ ] a. Husband
[ ] b. Wife

[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

C4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p12} will remain in the same booth. Ask ${13} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now each have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse. This guess may be different from your previous guesses or it may the same. Based on all the information you learnt, how many red balls do you think are in this urn?

Q10. What is the ${p12}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

Q11. What is the ${p13}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 2: Within-Person Updating

Here is the second urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is orange in color - for each round, we will use a different colored urn.

The computer has decided that ${p16} starts first in this round. In this round, you will draw a few balls and guess, then your ${p17} will draw a few balls and guess. You will not get to discuss and guess together in this round. We will also not share your guess with each other.

[Do not read: Ask the ${p17} to leave and talk to the ${p16}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. We will now do something slightly different than mentioned before. You can draw ${p18} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw each ball from the urn, have a look at it, and put it back into the urn. I will shuffle the balls in the urn before each of your draws.

R1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p18}and display as field list.]

R2.*[Do not read]* How many red balls did the ${p16} draw? ___

R3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the participant to wait for 5 minutes before proceeding with the survey.]

You can now draw ${p20} more balls to learn more about the contents of the urn. Please draw ${p20} balls in total.

R4. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p20} and display as field list..]

R5.*[Do not read]* How many red balls did the ${p16} draw? ___

R6. Now that you have had the chance to learn more about the content of the urn, can you tell us how many red balls you think are in the urn? [Updated guess] ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p17}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p16} to wait and ask the ${p17} to join. Once the ${p17} joins, ask the ${p16} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls. We will now do something slightly different than mentioned before. You can draw ${p19} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw each ball from the urn, have a look at it, and put it back into the urn. I will shuffle the balls in the urn before each of your draws.

R7. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p19}and display as field list.]

R8. *[Do not read]* How many red balls did the ${p17} draw? ___

R9. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the participant to wait for 5 minutes before proceeding with the survey.]

You can now draw ${p21} more balls to learn more about the contents of the urn. Please draw ${p21} balls in total.

R10. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p21}and display as field list.]

R11. *[Do not read]* How many red balls did the ${p17} draw? ___

R12. Now that you have had the chance to learn more about the content of the urn, can you tell us how many red balls you think are in the urn? [Updated guess] ___ *[Do not read: Have them move the coin to make their decision]*

ROUND 3: Enforced Guess Sharing

Here is the third urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is blue in color - for each round, we will use a different colored urn.

The computer has decided that ${p22} starts first in this round. In this round, you will draw a few balls and guess, then your ${p23} will draw a few balls and guess. We will share your guesses with each other. Once you learn your spouse's guess, you will make another guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p23} to leave and talk to the ${p22}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p24} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p24} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p24} times and note down the composition.]

S1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p24}and display as field list.]

S2. *[Do not read]* How many red balls did the ${p22} draw? ___

S3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p23}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p22} to wait and ask the ${p23} to join. Once the ${p23} joins, ask the ${p22} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p22} got a chance draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p25} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p25} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p25} times.]

S4. *[Do not read]* Order of red/white balls drawn: ____

[Constraint: Limit the number characters that can be entered to ${p25}and display as field list.]

S5. *[Do not read]* How many red balls did the ${p23} draw? ___

S6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

C. Spouse 2 Updated Individual Guess

We will now share your ${p22}'s guess with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p22} drew ${p24} balls from this urn and guessed that there are ${s3} red balls in this urn.

S7a. Can you tell me how many balls you drew from this urn? ___

S7b. Can you tell me what you had guessed? ____

Now that you learned your spouse's guess, how many red balls do you think there are in the urn? Please take your time to think about your choice.

S7. What is the ${p23}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p23} to wait and ask the ${p22} to join. Once the ${p22} joins, ask the ${p23} to leave.]

D. Spouse 1 Updated Individual Guess

We will now share your ${p23}'s guess with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p23} drew ${p25} balls from this urn and guessed that there are ${s6} red balls in this urn.

S8a. Can you tell me how many balls you drew from this urn? ___

S8b. Can you tell me what you had guessed? ____

Now that you learned your spouse's guess, how many red balls do you think there are in the urn? Please take your time to think about your choice.

S8. What is the ${p22}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p22} to wait and ask the ${p23} to join.]

E. Joint Discussion

Now, we would like you to decide together the number of red balls in the urn.

[if ${p34} = "public"] E1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

S9a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

S9b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

S9c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${s9c} = 1; for S9d – S9h]
S9d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

S9e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

S9f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

S9g. *[Do not read]* Who made the decision?
[ ] a. Husband

[ ] b. Wife
[ ] c. Both

S9h. *[Do not read]* Notes on interaction: _____

[if ${p34} = "private"] <u>E2. Private Discussion</u>

Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

S9i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

S9j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

<u>E3. Joint Guess</u>

S10. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

S11. [*Do not read: Which spouse moved the coin last on the scale?*]
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

<u>E4. Post-Discussion Guesses</u>

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p22} will remain in the same booth. Ask ${23} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse and will note it down. This guess may be different from your previous guesses or could be the same. So based on all the information you learnt, how many red balls do you think are in this urn?

S12. What is the ${p22}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

S13. What is the ${p23}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 4: Enforced Information Sharing

Here is the fourth urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is brown in color - for each round, we will use a different colored urn.

The computer has decided that ${p26} starts first in this round. In this round, you will draw a few balls and guess, then your ${p27} will draw a few balls and guess. After you have made your guesses, we will then share the draws you saw with your spouse. Then you will make another guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p27} to leave and talk to the ${p26}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p28} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn.

Please draw ${p28} balls in total. I will shuffle the balls in the urn before each of your draws. As discussed, we will share your draws with your spouse. However, we will not share your guess.

A1. Which of the following information will we be sharing with your ${p27}?
[ ] 1. Your guess
[ ] 2. Draws

[Do not read: Ensure that the participant draws ${p28} times and note down the composition.]

T1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p28} and display as field list.]

T2.*[Do not read]* How many red balls did the ${p26} draw? ___

T3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p27}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p26} to wait and ask the ${p27} to join. Once the ${p27} joins, ask the ${p26} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p26} got a chance draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p29} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn.

Please draw ${p29} balls in total. I will shuffle the balls in the urn before each of your draws. As discussed, we will share your draws with your spouse. However, we will not share your guess.

A2. Which of the following information will we be sharing with your ${p26}?
[ ] 1. Your guess
[ ] 2. Draws

[Do not read: Ensure that the participant draws ${p29} times and display as field list*.]*

T4. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p29}]

T5. *[Do not read]* How many red balls did the ${p27} draw? ___

T6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

C. Spouse 2 Updated Individual Guess

We will now share your ${p26}'s draws with you. Using this information and your own draws, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p26} drew a total of ${p28} balls from this urn, of which ${t2} were red balls.

T7a. Can you tell me how many balls you drew from this urn? ___

T7b. Can you tell me how many red balls you drew from this urn? ___

How many red balls do you think there are in the urn? Please take your time to think about your choice.

T7. What is the ${p27}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p27} to wait and ask the ${p26} to join. Once the ${p26} joins, ask the ${p27} to leave.]

D. Spouse 1 Updated Individual Guess

We will now share your ${p27}'s information with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p27} drew a total of ${p29} balls from this urn, of which ${t5} were red balls.

T8a. Can you tell me how many balls you drew from this urn? ___

T8b. Can you tell me how many red balls you drew from this urn? ___

How many red balls do you think there are in the urn? Please take your time to think about your choice.

T8. What is the ${p26}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p26} to wait and ask the ${p27} to join.]

E. Joint Discussion

Now, we would like you to decide together the number of red balls in the urn.

[${p35} = "public"] E1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

T9a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

T9b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

T9c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${t9c} = 1; for T9d – T9h]
T9d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

T9e. *[Do not read]* What information did the wife share?
- [ ] a. Number of draws
- [ ] b. Color composition
- [ ] c. Guess

T9f. *[Do not read]* What information did the husband share?
- [ ] a. Number of draws
- [ ] b. Color composition
- [ ] c. Guess

T9g. *[Do not read]* Who made the decision?
- [ ] a. Husband
- [ ] b. Wife
- [ ] c. Both

T9h. *[Do not read]* Notes on interaction: _____

[if ${p35} = "private"] E2. Private Discussion

Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

T9i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

T9j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

E3. Joint Guess

T10. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

T11. [*Do not read: Which spouse moved the coin last on the scale?*]
- [ ] a. Husband
- [ ] b. Wife
- [ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

E4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p26} will remain in the same booth. Ask ${27} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse and will note it down. This guess may be different from your previous guesses or could be the same. So based on all the information you learnt, how many red balls do you think are in this urn?

T12. What is the ${p26}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

T14. What is the ${p27}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 5: Classic

Here is the fifth urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is black in color - for each round, we will use a different colored urn.

The computer has decided that ${p30} starts first in this round. In this round, you will draw a few balls and guess the number of red balls in the urn;then your ${p31} will draw a few balls and guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p31} to leave and talk to the ${p30}]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p32} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p32} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p32} times and note down the composition.]

U1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p32} and display as field list.]

U2. *[Do not read]* How many red balls did the ${p30} draw? ___

U3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p31}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p30} to wait and ask the ${p31} to join. Once the ${p31} joins, ask the ${p30} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p30} got a chance to draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p33} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p33} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p33} times.]

U4. *[Do not read]* Order of red/white balls drawn: ____

[Constraint: Limit the number characters that can be entered to ${p33}]

U5. *[Do not read]* How many red balls did the ${p31} draw? ___

U6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p31} to wait and ask the ${p30} to join.]

C. Joint Guess

Now, we would like you to decide together the number of red balls in the urn.

[if ${p37} = "public"] C1. Public Discussion

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

U7a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

U7b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

U7c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${u7c} = 1; for U7d – U7h]
U7d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

U7e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

U7f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition

[ ] c. Guess

U7g. *[Do not read]* Who made the decision?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

U7h. *[Do not read]* Notes on interaction: _____

[if ${p37} = "private"] C2. Private Discussion
Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

U7i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

U7j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

C3. Joint Guess

U8. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

U9. [*Do not read: Which spouse moves the coin on the scale?*]
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

E4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p30} will remain in the same booth. Ask ${p31} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now each have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse. This guess may be different from your previous guesses or it may the same. Based on all the information you learnt, how many red balls do you think are in this urn?

U10. What is the ${p30}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

U11. What is the ${p31}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn. if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

SECTION C: Beliefs about Competence

[Do not read: Talk to ${p30}]

Now I would like to ask you a few questions about the game you have been playing today. We will not share your answers with your spouse.

V1. In general, who, amongst men and women, do you think will be better at this game, i.e. who is making more accurate choices?
[ ] a. Women are better
[ ] b. About the same
[ ] c. Men are better

V2. Who, amongst you and your spouse, do you think is better at this game, i.e. who is making more accurate choices?
[ ] a. Wife is better
[ ] b. About the same
[ ] c. Husband is better

[Do not read: Talk to ${p31}]

Now I would like to ask you a few questions about the game you have been playing today. We will not share your answers with your spouse.

V3. In general, who, amongst men and women, do you think will be better at this game, i.e. who is making more accurate choices?
[ ] a. Women are better
[ ] b. About the same
[ ] c. Men are better

V4. Who, amongst you and your spouse, do you think is better at this game, i.e. who is making more accurate choices?
[ ] a. Wife is better
[ ] b. About the same
[ ] c. Husband is better

[Do not read: Talk to ${p31}.]

We're at the end of this activity. Before you can learn how much you and your spouse will be earning, we have a few more questions for you.

Both you and your ${p30} got to make many guesses after learning some information about the contents of the different urns. Before I proceed, I would like to assure you that anything you tell us will not be shared with your ${p30}. I request you to answer my following questions. We will not disclose anything to your ${p30}.

Since, both you and your ${p30} made multiple guesses on your own - how much would each of your guesses earn, on an average?

If your answer is within Rs. 30 of the average of the actual earnings, you can earn Rs. 50 that you will be paid separately. However, if your guess is more than Rs. 30 of the average of the actual earnings, you will not earn anything other than the amount disclosed in the envelope as discussed before. One of the answers has already been chosen by the computer and you will be paid for that answer. So, think carefully before answering.

[Do not read: Use Figure 2 (the payment scale) for the following questions.]

W1. How much will your ${p30}'s guess earn, on an average? Rs. _____

W2. How much will your guess earn, on an average? Rs. ____

[if ${p38} = "own guess"]

W2a. [Calculate: ${p31}'s average earnings _____]

[if ${w2a} - 30 =< ${w2} =< ${w2a} + 30]

Your guess about your average earnings is within the Rs. 30 of the average of your actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w2} < ${w2a} - 30 or ${w2} > ${w2a} + 30]

Your guess about your average earnings is not within the Rs. 30 of the average of your actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[if ${p38} = "spouse's guess"]

W2b. [Calculate: ${p30}'s average earnings _____]

[if ${w2b} - 30 =< ${w1} =< ${w2b} + 30]

Your guess about your ${p30}'s average earnings is within the Rs. 30 of the average of their actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w1} < ${w2b} - 30 or ${w1} > ${w2b} + 30]

Your guess about your ${p30}'s average earnings is not within the Rs. 30 of the average of their actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[Do not read: Talk to ${p30}.]

We're at the end of this activity. Before you can learn how much you and your spouse will be earning, we have a few more questions for you.

Both you and your ${p31} got to make many guesses after learning some information about the contents of the different urns. Before I proceed, I would like to assure you that anything

you tell us will not be shared with your ${p31}. I request you to answer my following questions. We will not disclose anything to your ${p31}.

Since, both you and your ${p31} made multiple guesses on your own - how much would each of your guesses earn, on an average?

If your answer is within Rs. 30 of the average of the actual earnings, you can earn Rs. 50 that you will be paid separately. However, if your guess is more than Rs. 30 of the average of the actual earnings, you will not earn anything other than the amount disclosed in the envelope as discussed before. One of the answers has already been chosen by the computer and you will be paid for that answer.So, think carefully before answering.

[Do not read: Use Figure 2 (the payment scale) for the following questions.]

W3. How much will your ${p31}'s guess earn, on an average? Rs. ____

W4. How much will your guess earn, on an average? Rs. ____

[if ${p39} = "own guess"]

[if ${w2b} - 30 =< ${w4} =< ${w2b} + 30]

Your guess about your average earnings is within the Rs. 30 of the average of your actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w4} < ${w2b} - 30 or ${w4} > ${w2b} + 30]

Your guess about your average earnings is not within the Rs. 30 of the average of your actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[if ${p39} = "spouse's guess"]

[if ${w2a} - 30 =< ${w1} =< ${w2a} + 30]

Your guess about your ${p30}'s average earnings is within the Rs. 30 of the average of their actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w1} < ${w2a} - 30 or ${w1} > ${w2a} + 30]

Your guess about your ${p30}'s average earnings is not within the Rs. 30 of the average of their actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

SECTION E: FINAL SECTION

As mentioned before, the envelope in front of you contains the decision made by the computer. Please open it and have a look at the decision.

F1. [Do not read] Who opened the envelope?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

F1a. What does the sheet say?

F1b. Which urn does the sheet say is the one that determines your payment?

[Do not read: Show them the red balls in the urn.]

[if ${p4} = 1]
As you can see, there are ${p7} red balls in the urn.

[if ${p4} = 2]
As you can see, there are ${p8} red balls in the urn.

[if ${p4} = 3]
As you can see, there are ${p9} red balls in the urn.

[if ${p4} = 4]
As you can see, there are ${p10} red balls in the urn.

[if ${p4} = 5]
As you can see, there are ${p11} red balls in the urn.

F2. *[Do not read]* Is the finalized guess a post-discussion guess?
[ ] 0. No
[ ] 1. Yes

[if ${f2} = 1]

The finalized guess is a private guess, and as mentioned before we will not disclose the guess. However, we will explain the amount you will receive.

[*Do not read: With the help of the payment scale, explain their payment to them.]*

[if ${f2} = 0][*Do not read: Show them the grid with responses from each round and point to the one in the envelope. With the help of the payment scale, explain their payment to them.*]

SECTION Z: CONCLUSION

Thank you for your time!

Z1. Re-enter CPID: _____

Z2. End Time: |__|__|:|__|__| 24HR

C.3 Experimental Script for Husbands

SECTION P: PREAMBLE

P1. PID: |__|__|__|
[.>= 2000 and . <= 2700]

P2. Interviewer

P2a. [Prefilled] Randomized interviewer for the Rounds.

P3. Do you have the following things to proceed with the experiment?
[ ] 1. Sheet with scale for guessing red balls in the urn along with a token
[ ] 2. Sheet with payment mechanism
[ ] 3. Sheet to explain randomization of final guess
[ ] 4. A sample urn with red and white balls (10 each)
[ ] 5. Tray with red and white balls (10 each)
[ ] 6. Lid to cover the urn on the table
[ ] 7. Two practice urns - (16,4) and (9,11)
[ ] 8. Arrange all five urns for the activity at the back of the booth
[ ] 9. Envelope with the guess that counts

P4. Date: |__|__|__|__| YYYY/|__|__|MM/|__|__|DD

P5. Interview Start Time: |__|__|:|__|__| 24HR

General prefills:
P6. [Prefilled] Randomized order of rounds
P7. [Prefilled] Number of red balls in the urn in Round 1.
P8. [Prefilled] Number of red balls in the urn in Round 2.
P9. [Prefilled] Number of red balls in the urn in Round 3.
P10. [Prefilled] Number of red balls in the urn in Round 4.
P11. [Prefilled] Number of red balls in the urn in Round 5

Round 1 prefills:
P12. [Prefilled] Spouse who goes first in Round 1.
P13. [Prefilled] Spouse who goes second in Round 1.
P14. [Prefilled] Spouse 1's number of draws from Round 1.
P15. [Prefilled] Spouse 2's number of draws from Round 1.
P36. [Prefilled] Public/private discussion.

Round 2 prefills:
P16. [Prefilled] Spouse who goes first in Round 2.
P17. [Prefilled] Spouse who goes second in Round 2.
P18. [Prefilled] Spouse 1's first number of draws from Round 2.
P19. [Prefilled] Spouse 2's first number of draws from Round 2.
P20. [Prefilled] Spouse 1's second number of draws from Round 2.
P21. [Prefilled] Spouse 2's second number of draws from Round 2.

Round 3 prefills:

P22. [Prefilled] Spouse who goes first in Round 3.
P23. [Prefilled] Spouse who goes second in Round 3.
P24. [Prefilled] Spouse 1's number of draws from Round 3.
P25. [Prefilled] Spouse 2's number of draws from Round 3.
P34. [Prefilled] Public/private discussion.

Round 4 prefills:
P26. [Prefilled] Spouse who goes first in Round 4.
P27. [Prefilled] Spouse who goes second in Round 4.
P28. [Prefilled] Spouse 1's number of draws from Round 4.
P29. [Prefilled] Spouse 2's number of draws from Round 4.
P35. [Prefilled] Public/private discussion.

Round 5 prefills:
P30. [Prefilled] Spouse who goes first in Round 5.
P31. [Prefilled] Spouse who goes second in Round 5.
P32. [Prefilled] Spouse 1's number of draws from Round 5.
P33. [Prefilled] Spouse 2's number of draws from Round 5.
P37. [Prefilled] Public/private discussion.

Beliefs about competence prefills:
P38. [Prefilled] Randomized belief chosen for Spouse 2.
P39. [Prefilled] Randomized belief chosen for Spouse 1.

Finalized round and guess prefills:
P40. [Prefilled] Randomized final round.
P41. [Prefilled] Randomized final guess.

SECTION A: INTRODUCTION

[Do not read: Talk to the husband and ensure that the introduction for the wife starts simultaneously.]

Thank you for coming today! My name is ${p2}. Would you like something to drink before we start the task? May we offer you some water, or tea, or coffee?

Please turn off your mobile phone till the end of this task. We want to ensure that you are attentive throughout the task.

As discussed before, you and your wife will take part in a task in which you can earn some money. Please take this task seriously. Your choices directly affect how much you earn.

This study aims to contribute to the welfare of the people. So, your participation is important to us. Before you make each choice, think well. Consider these choices to be like decisions you make in real life.

Section A1: General Overview

We will now explain the activity to you. **Similarly, another surveyor is explaining this activity to your wife.** You and your wife will then participate in a total of five rounds that are all similar. In each round, you will see an urn such as this one.

[Do not read: Show the sample urn with a few red and white balls.]

Each urn contains a total of 20 balls. Some of these balls are white and others are red.

[Do not read: Show the participant a tray with some white balls and some red balls.]

Now we will ask you some questions about this task.

A1. How many balls are inside each urn?
[ ] a. 20 → Yes, that is correct.
[ ] b. Any other answer → No, there are 20 balls inside each urn.

A2. What are the colors of these balls?
[ ] a. Red and white → Yes, that is correct.
[ ] b. Any other answer → No, the balls are red and white.

In each round, the number of red and white balls will be unknown to you. You will only know that in total there are 20 balls inside the urn.

Your task will be to guess how many of these balls are red. In each round, you can draw some balls from the urn to help you make this guess.

A3. Now, can you describe to me in your own words what we would like you to do in this task?

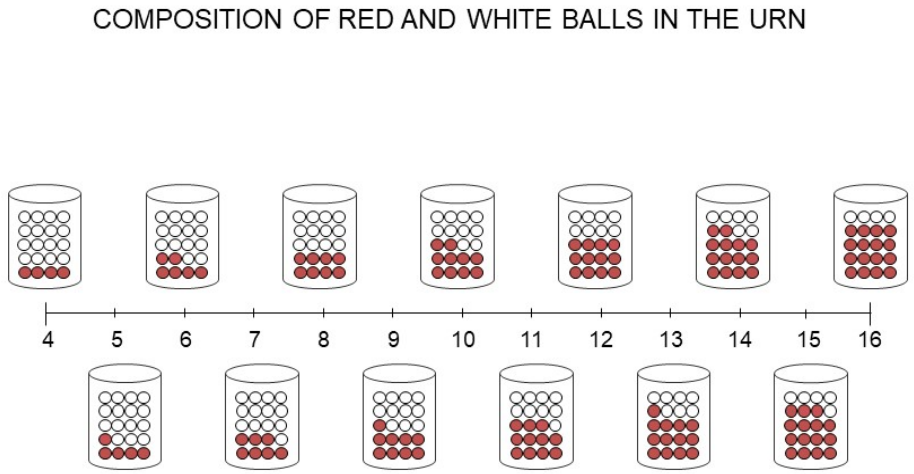
[*Do not read: Select all points mentioned correctly by the participants*.]

[ ] a. Draw a few balls from the urn.
[ ] b. Based on the draws, guess how many of the balls in the urn are red.

A3a. *[Do not read: Did the participant describe all steps of the task accurately?]*
[ ] a. Yes → Proceed with the survey.
[ ] b. No, the participant missed or described incorrectly 1 of the 2 points. → Explain that particular point to the participant.
[ ] c. No, the participant missed or described incorrectly both points. → Explain Section A1 to the participant again. Ignore comprehension questions that are part of the text.

Section A2: Randomization of Red and White Balls

[Do not read: Show the scale depicting composition of balls in the urn (Figure 1) to the participant as you explain the below text to them.]



Your goal is to guess the number of red balls in the urn, in all five rounds. The number of red balls can be any number ranging from 4 to 16, as you can see on this figure.

- The lowest possible number of red balls is 4. *[Do not read: Point to the urn in the figure containing 4 red balls.*]

  A4. Can there be less than 4 red balls in the urn, in any round?
  [ ] a. Yes → No, the lowest number of red balls is 4.
  [ ] b. No → Yes, this is correct.

- The highest possible number of red balls is 16. *[Do not read: Point to the urn in the figure containing 16 red balls.*]

  A5. Can there be more than 16 red balls in the urn, in any round?
  [ ] a. Yes → No, the highest number of red balls is 16.
  [ ] b. No → Yes, this is correct.

- Any other number between 4 and 16 is possible. For example, there could be 6, 7, 11, or 12 red balls in the urn.

We have already used our computer to decide the true number of red balls in the urn in each round. Our computer picked a random number from 4 to 16 for all five rounds. The computer was equally likely to choose any number from 4 up to 16. So, in each round, any number from 4 to 16 is equally likely to be the true number.

In each round, we will ask you to guess the number of red balls in the urn. When we do, we would like you to use this coin to point to the exact number you would like to guess, on this figure.

[Do not read: Show the participant how to point to the exact number on Figure 1 with the coin.]

Before we proceed, we will ask you some questions.

A6. What is the highest number of red balls that can possibly be in the urn?
[ ] a. 16 → Yes, that is correct.
[ ] b. Any other answer → No, there can be a maximum of 16 red balls in the urn.

A7. What is the lowest number of red balls that can possibly be in the urn?
[ ] a. 4 → Yes, that is correct.
[ ] b. Any other answer → No, there can be a minimum of 4 red balls in the urn.

A8. How do we decide the correct number of red balls in the urn? Is it you, me, or the computer?
[ ] a. The computer already decided. → Yes, that's correct.
[ ] b. Any other answer → No, the computer decides the correct number of red balls in the urn.

A9. Are some numbers of red balls more likely to occur than others?
[ ] a. Each number is equally likely to be chosen by the computer. → Yes, that's correct.
[ ] b. Any other answer → No, each number is equally likely to be chosen by the computer.

A10. Do you have any questions for us?
[ ] a. Yes → *[Do not read: Clarify any doubts or questions they may have.]*
[ ] b. No → *[Do not read: Proceed with the survey.]*

A10a. **[if ${a10} = 1]** *[Do not read]* Specify their question: _____

Let's practice the task a few times. These rounds will not matter for your payment. They are just to help you better understand the task.

Before we begin the example rounds, let me clarify. In the final task, you will have one set of draws, while your wife has another set of draws from the same urn. In the example rounds, you will have both sets of draws. Similarly, your wife in the other booth will also have both sets of draws in the example rounds.

[Do not read: Take practice urn 1 that contains 16 red balls and 4 white balls. Use the scale.]

This urn contains 20 balls. Your goal will be to guess how many of them are red. Please draw one ball from this urn. I will shuffle the balls in the urn before you draw from the urn.

A11. Color of the ball: _____
[SurveyCTO check: Limit string length to exactly 1 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A12. How many red balls do you think are in this urn? _____

Please draw an additional five balls from this urn. I will shuffle the balls in the urn before each of your draws.

A13. Order of the draws: _____
[SurveyCTO check: Limit string length to exactly 5 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A14. How many red balls do you think are in this urn? Note that you should use the information from all six draws for your guess. _____

Do you have any questions for us so far?

[Do not read: Clarify any doubts or questions they may have.]

Let's now see how many red balls there are actually in the urn.

[Do not read: Empty the urn in front of the participant and count the number of red balls.]

As you can see, this urn contains mostly red balls. 16 of the balls are red and 4 of them are white.

Let me try to give you a few tips based on this example:

- **Tip 1:** Your draws help you make your guesses.
    - Suppose you draw more red balls than white balls. Then it makes sense to guess that there are more red balls in the urn. For example, if you draw four red balls and one white ball, then there are probably more red than white balls in the urn overall.
    - Suppose you draw more white balls. It makes sense to guess that there are more white balls in the urn.
    - Suppose you draw the same number of red and white balls. It makes sense to guess that the number of red and white balls are the same.
- **Tip 2:** The more balls you draw, the more confident you can be in your guess.
    - For example, suppose you draw only one ball. You do not learn much. Since there are many balls in the urn and you might draw a white ball by chance even if most balls are red.

- Suppose you draw many balls and most of the balls are red. Then, you can be fairly sure that most balls in the urn are red. Suppose you draw many balls and most of the balls are white. Then, you can be fairly sure that most balls in the urn are white.

A15. Can you tell us if you can learn more about the number of red balls from 1 draw or from 5 draws?
[ ] a. I will learn more when I draw 5 balls → Yes, that's correct.
[ ] b. I will learn more when I draw 1 ball → No, that's incorrect. You can learn more when you draw 5 balls.
[ ] c. I will learn the same regardless of how many balls I draw. → No, that's incorrect. You can learn more when you draw 5 balls.

- **Tip 3**: Shuffling the balls in the urn will be helpful. You will be able to learn more about the contents of the urn.

    - In this activity, I will ask you to draw a ball from the urn. Once you have a looked at the a ball, you put it back into the urn, and then draw another ball. Then you draw the next ball without shuffling the balls properly, there is a higher chance that you will draw the same ball again. If you draw the same ball again, you are not learning anything new. Thus, it is important to shuffle the urn to learn more about the contents of the urn. In each round, I will shuffle the balls in the urn before each of your draws.

Could you please repeat each of these three tips in your own words? I want to be sure I have explained things clearly.

A16. [*Do not read: Select all points mentioned correctly by the participant*.]
[ ] a. The more red balls you draw from the urn, the higher the chance that majority of the balls are red.
[ ] b. The more balls you draw, the more confident you can be in your guess.
[ ] c. Shuffling the balls in the urn can help you learn more.

[Do not read: Repeat the particular tips that they missed or incorrectly explained just once.]

Let's do another example.

[Do not read: Take practice urn 2 that contains 9 red balls and 11 white balls. Use Figure 1 and the coin.]

Please draw nine balls from this urn.

[Do not read: Shuffle the balls in the urn, before each draw.]

A17. Order of the draws: _____
[SurveyCTO check: Limit string length to exactly 9 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A18. How many red balls do you think are in this urn? _____

Please draw an additional ball from this urn.

[Do not read: Shuffle the balls in the urn, before each draw.]

A19. Color of the draw: _____
[SurveyCTO check: Limit string length to exactly 1 and display as field list.]

[Do not read: Ask them to use Figure 1 and the coin.]

A20. How many red balls do you think are in this urn? Note that you should use the information from all ten draws for your guess.

_____

Let's now see how many red balls there are in the urn.

[Do not read: Empty the urn in front of the participant and count the number of red balls.]

As you can see, the urn contains more white balls than red balls. There are 9 red balls in the urn and 11 white balls in the urn.

Section A3: Explanation of the Number of Draws

As we said before, you and your wife have to guess the correct number of red balls in the urn. We will pay you according to how close your guess is to the true number of red balls in the urn.

You will make many draws and guesses for five different urns. Similarly, so will your wife. Now let me tell you more about the number of draws.

The number of draws each of you get will vary between 1,5, and 9.
The number of draws you and your wife will get might be different from each other.
The number of draws you and your wife will get might also be different across sections.

A21. Is it possible that you get exactly 4 draws in any particular round?
[ ] a. Yes, I think I can get 4 draws in a round. → No, that is incorrect. You can get either 1, 5 or 9 draws in a round.
[ ] b. No, I don't think I can get 4 draws in a round. → Yes, that is correct. You can get either 1, 5 or 9 draws in a round.

A22. How do you think your number of draws will be across rounds? *[Do not read: Read all options and mark one]*
[ ] a. You will have the same number of draws across each round. → No, that is incorrect. You may have the same or different number of draws across each round.
[ ] b. You will have different number of draws across each round. → No, that is incorrect. You may have the same or different number of draws across each round.
[ ] c. You may have the same or different number of draws across each round. → Yes, that is correct.

A23. In any given round, do you think you and your wife will have the same number of draws?
[ ] a. Yes, we will both have the same number of draws. → No, that is incorrect. You might or might not have the same number of draws.
[ ] b. No, we will not have the same number of draws. → No, that is incorrect. You might or might not have the same number of draws.
[ ] c. We might or might not have the same number of draws. → Yes, that is correct.

Section A4: Randomization of the Guess to be Implemented

Now, let me tell you more about the guesses you and your wife will make.

Some of these guesses will be on your own. Some others you will make together with your wife. We will record all your choices on this sheet. *[Do not read: Show the participant the sheet in which you record the choices.]* The computer has chosen only one of these guesses to be the one that counts for your payment. Since you do not know which of those choices will be selected when making your choices, you should take each single choice very seriously.

	Wife Guess 1	Husband Guess 1	Wife Guess 2	Husband Guess 2	Joint Guess
Round 1					
Round 2					
Round 3					
Round 4					
Round 5					

Section A5. Payment Depending on Performance

[Do not read: Show them Figure 2 to explain the payment scheme.]

Now, let me explain how the payment scheme works with this figure.

- Regardless of your choices, you and your wife together will receive a flat payment of Rs. 300. Besides this flat payment, both of you have a chance to make some more money. How much more money you can earn depends on how close both your guesses are to the true number of balls in the urn. Each of you will be paid half of the total amount you earn separately.

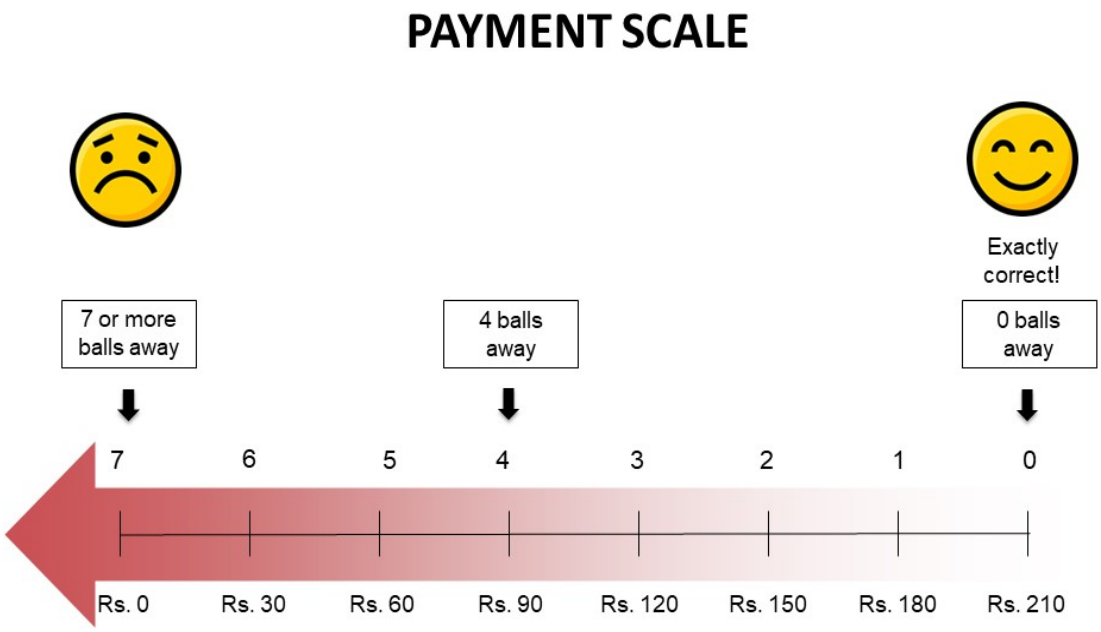
- As we mentioned above, only one of your guesses will be chosen by the computer.

- If the chosen guess is exactly correct, then you and your wife together could receive, besides the flat payment, at the most Rs. 210. So, your total payment could be at most Rs. 510. If your guess is very wrong, then you will make no extra money from the guess. You would only receive the flat payment of Rs. 300. If you are in middle of these two extremes, you get an amount that is between Rs. 0 and Rs. 210.

- Along with this, you and your wife will have an opportunity to earn an additional Rs. 50 each at the end of this activity.

- Let me give you an example. Suppose the true number of red balls is 5.

  [*Do not read: Use Figure 2 to explain this entire section*.]



- If your guess is 5, your guess is exactly correct. So, you would receive the maximum of Rs. 210 from the guesses (and Rs. 510 in total).

- If your guess is 9, it is 4 balls away from the truth since 9 minus 5 is 4. You will lose Rs. 30 for each of the 4 balls. Therefore, you would lose Rs. 120 and receive Rs. 90 from the guess.

- If your guess is 12, it is 7 balls away from the truth since 12 minus 5 is 7. You will lose Rs. 30 each for the 7 balls. Therefore, you would lose Rs. 210 and receive nothing from the guesses.

- If your guess is 16, it is 11 balls away from the truth since 16 minus 5 is 11. This guess is quite far away from the truth, so you would not receive any additional payments.

Do you have any questions about how the payment is decided?

Now, we will ask you a few questions before we proceed with the activity.

[Do not read: Ask the participant to use Figure 2 for the following questions.]
A24. Suppose that the true number is 6 red balls for the guess that counts. If you guess that there are 7 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?
[ ] a. 1 ball away from the true number. Rs. 180 → Yes, that's correct. [if ${a24} = 180]

[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 180. [if ${a24} != 180]

A25. Suppose that the true number is 15 red balls for the guess that counts. If you guess that there are 4 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?

[ ] a. 11 balls away from the true number. Rs. 0 → Yes, that's correct. [if ${a25} = 0]
[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 0. [if ${a25} != 0]

A26. Suppose that the true number is 12 red balls for the guess that counts. If you guess that there are 8 red balls in the urn, how many balls are you away from the true number of red balls? How much would you be paid from the guess?
[ ] a. 4 balls away from the true number. Rs. 90→ Yes, that's correct. [if ${a26} = 90]
[ ] b. Any other answer → *[Do not read: Explain the payment mechanism again with the help of Figure 2.]* No, you will be paid Rs. 90. [if ${a26} != 90]

Section A6: Overview of the Activity

Before we begin the activity, let me now tell you about the structure of the activity:

- The number of draws for each of you will vary between 1, 5 and 9 over time. Each of you might get a different number of draws. We will inform you about this number in each round.
- Based on your draws, you will each make a few guesses - some on your own, some with your wife.

We are interested in learning how you decide. Thus, in some of the rounds, we will be present to observe how you make decisions. This procedure has nothing to do with what we think of the decisions you make. We follow it with all the participants.

Do you have any questions before we begin?

[Do not read: Clarify any doubts or questions they may have.]

Comprehension scores: *[In-built CTO Check to calculate their comprehension]*

${p2a} will continue with the rest of the survey.

SECTION B: ROUNDS

ROUND 1: Classic

Here is the first urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is green in color - for each round, we will use a different colored urn.

The computer has decided that ${p12} starts first in this round. In this round, you will draw a few balls and guess the number of red balls in the urn; then your ${p13} will draw a few balls and guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p13} to leave and talk to the ${p12}.]

A: Spouse 1 Individual Guess

Before we start the activity, can you now please explain to me in your own words what we are asking you to do?

R1_a. *[Do not read: Did the participant mention the following points correctly?]*
[ ] a. Draw balls
[ ] b. Guess number of red balls

[Do not read: Repeat and correct points that are missing or incorrect.]

This urn contains 20 balls. You can now draw ${p14} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p14} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p14} times and note down the composition.]

Q1. Order of red/white balls drawn: ____
[SurveyCTO check: Limit string length to exactly ${p14} and display as field list.]

Q2. *[Do not read]* How many red balls did the ${p12} draw? ___

Q3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p13}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p12} to wait and ask the ${p13} to join. Once the ${p13} joins, ask the ${p12} to leave.]

B. Spouse 2 Individual Guess

Before we start the activity, can you now please explain to me in your own words what we are asking you to do?

R1_b. *[Do not read: Did the participant mention the following points correctly?]*
[ ] a. Draw balls
[ ] b. Guess number of red balls

[Do not read: Repeat and correct points that are missing or incorrect.]

This urn contains 20 balls and your ${p12} got a chance draw some balls from it. Now it is your turn. You can draw ${p15} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p15} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p15} times and note down the composition.]

Q4. Order of red/white balls drawn: ____
[SurveyCTO check: Limit string length to ${p15} and display as field list.]

Q5. How many red balls did the ${p13} draw? ___

Q6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p13} to wait and ask the ${p12} to join.]

C. Joint Discussion
Now, we would like you to decide together the number of red balls in the urn.

[if ${p36} = "public"] C1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

Q7a. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

Q7b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

Q7c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${q7c} = 1; for Q7d – Q7h]
Q7d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

Q7e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

Q7f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

Q7g. *[Do not read]* Who made the decision?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

Q7h. *[Do not read]* Notes on interaction: _____

[if ${p36} = "private"] C2. Private Discussion
Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

Q7i. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

Q7j. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*
C3. Joint Guess

Q8. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Q9. [*Do not read: Which spouse moved the coin last on the scale?*]
[ ] a. Husband
[ ] b. Wife

[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

C4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p12} will remain in the same booth. Ask ${13} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now each have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse. This guess may be different from your previous guesses or it may the same. Based on all the information you learnt, how many red balls do you think are in this urn?

Q10. What is the ${p12}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

Q11. What is the ${p13}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 2: Within-Person Updating

Here is the second urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is orange in color - for each round, we will use a different colored urn.

The computer has decided that ${p16} starts first in this round. In this round, you will draw a few balls and guess, then your ${p17} will draw a few balls and guess. You will not get to discuss and guess together in this round. We will also not share your guess with each other.

[Do not read: Ask the ${p17} to leave and talk to the ${p16}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. We will now do something slightly different than mentioned before. You can draw ${p18} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw each ball from the urn, have a look at it, and put it back into the urn. I will shuffle the balls in the urn before each of your draws.

R1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p18}and display as field list.]

R2.*[Do not read]* How many red balls did the ${p16} draw? ___

R3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the participant to wait for 5 minutes before proceeding with the survey.]

You can now draw ${p20} more balls to learn more about the contents of the urn. Please draw ${p20} balls in total.

R4. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p20} and display as field list..]

R5.*[Do not read]* How many red balls did the ${p16} draw? ___

R6. Now that you have had the chance to learn more about the content of the urn, can you tell us how many red balls you think are in the urn? [Updated guess] ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p17}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p16} to wait and ask the ${p17} to join. Once the ${p17} joins, ask the ${p16} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls. We will now do something slightly different than mentioned before. You can draw ${p19} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw each ball from the urn, have a look at it, and put it back into the urn. I will shuffle the balls in the urn before each of your draws.

R7. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p19}and display as field list.]

R8. *[Do not read]* How many red balls did the ${p17} draw? ___

R9. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the participant to wait for 5 minutes before proceeding with the survey.]

You can now draw ${p21} more balls to learn more about the contents of the urn. Please draw ${p21} balls in total.

R10. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p21}and display as field list.]

R11. *[Do not read]* How many red balls did the ${p17} draw? ___

R12. Now that you have had the chance to learn more about the content of the urn, can you tell us how many red balls you think are in the urn? [Updated guess] ___ *[Do not read: Have them move the coin to make their decision]*

ROUND 3: Enforced Guess Sharing

Here is the third urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is blue in color - for each round, we will use a different colored urn.

The computer has decided that ${p22} starts first in this round. In this round, you will draw a few balls and guess, then your ${p23} will draw a few balls and guess. We will share your guesses with each other. Once you learn your spouse's guess, you will make another guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p23} to leave and talk to the ${p22}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p24} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p24} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p24} times and note down the composition.]

S1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p24}and display as field list.]

S2. *[Do not read]* How many red balls did the ${p22} draw? ___

S3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p23}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p22} to wait and ask the ${p23} to join. Once the ${p23} joins, ask the ${p22} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p22} got a chance draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p25} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p25} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p25} times.]

S4. *[Do not read]* Order of red/white balls drawn: ____

[Constraint: Limit the number characters that can be entered to ${p25}and display as field list.]

S5. *[Do not read]* How many red balls did the ${p23} draw? ___

S6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

C. Spouse 2 Updated Individual Guess

We will now share your ${p22}'s guess with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p22} drew ${p24} balls from this urn and guessed that there are ${s3} red balls in this urn.

S7a. Can you tell me how many balls you drew from this urn? ___

S7b. Can you tell me what you had guessed? ____

Now that you learned your spouse's guess, how many red balls do you think there are in the urn? Please take your time to think about your choice.

S7. What is the ${p23}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p23} to wait and ask the ${p22} to join. Once the ${p22} joins, ask the ${p23} to leave.]

D. Spouse 1 Updated Individual Guess

We will now share your ${p23}'s guess with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p23} drew ${p25} balls from this urn and guessed that there are ${s6} red balls in this urn.

S8a. Can you tell me how many balls you drew from this urn? ___

S8b. Can you tell me what you had guessed? ____

Now that you learned your spouse's guess, how many red balls do you think there are in the urn? Please take your time to think about your choice.

S8. What is the ${p22}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p22} to wait and ask the ${p23} to join.]

E. Joint Discussion

Now, we would like you to decide together the number of red balls in the urn.

[if ${p34} = "public"] E1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

S9a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

S9b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

S9c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${s9c} = 1; for S9d – S9h]
S9d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

S9e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

S9f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

S9g. *[Do not read]* Who made the decision?
[ ] a. Husband

[ ] b. Wife
[ ] c. Both

S9h. *[Do not read]* Notes on interaction: _____

[if ${p34} = "private"] <u>E2. Private Discussion</u>

Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

S9i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

S9j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

<u>E3. Joint Guess</u>

S10. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

S11. [*Do not read: Which spouse moved the coin last on the scale?*]
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

<u>E4. Post-Discussion Guesses</u>

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p22} will remain in the same booth. Ask ${23} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse and will note it down. This guess may be different from your previous guesses or could be the same. So based on all the information you learnt, how many red balls do you think are in this urn?

S12. What is the ${p22}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

S13. What is the ${p23}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 4: Enforced Information Sharing

Here is the fourth urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is brown in color - for each round, we will use a different colored urn.

The computer has decided that ${p26} starts first in this round. In this round, you will draw a few balls and guess, then your ${p27} will draw a few balls and guess. After you have made your guesses, we will then share the draws you saw with your spouse. Then you will make another guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p27} to leave and talk to the ${p26}.]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p28} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn.

Please draw ${p28} balls in total. I will shuffle the balls in the urn before each of your draws. As discussed, we will share your draws with your spouse. However, we will not share your guess.

A1. Which of the following information will we be sharing with your ${p27}?
[ ] 1. Your guess
[ ] 2. Draws

[Do not read: Ensure that the participant draws ${p28} times and note down the composition.]

T1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p28} and display as field list.]

T2.*[Do not read]* How many red balls did the ${p26} draw? ___

T3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p27}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p26} to wait and ask the ${p27} to join. Once the ${p27} joins, ask the ${p26} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p26} got a chance draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p29} balls from the urn. Draw a ball from the urn, have a look at it, and put it back into the urn.

Please draw ${p29} balls in total. I will shuffle the balls in the urn before each of your draws. As discussed, we will share your draws with your spouse. However, we will not share your guess.

A2. Which of the following information will we be sharing with your ${p26}?
[ ] 1. Your guess
[ ] 2. Draws

[Do not read: Ensure that the participant draws ${p29} times and display as field list*.]*

T4. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p29}]

T5. *[Do not read]* How many red balls did the ${p27} draw? ___

T6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

C. Spouse 2 Updated Individual Guess

We will now share your ${p26}'s draws with you. Using this information and your own draws, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p26} drew a total of ${p28} balls from this urn, of which ${t2} were red balls.

T7a. Can you tell me how many balls you drew from this urn? ___

T7b. Can you tell me how many red balls you drew from this urn? ___

How many red balls do you think there are in the urn? Please take your time to think about your choice.

T7. What is the ${p27}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p27} to wait and ask the ${p26} to join. Once the ${p26} joins, ask the ${p27} to leave.]

D. Spouse 1 Updated Individual Guess

We will now share your ${p27}'s information with you. Using this information and your own information, we will ask you to make a new guess. This guess can be the same as your previous guess or it can be different from your previous guess. It is entirely your choice.

Your ${p27} drew a total of ${p29} balls from this urn, of which ${t5} were red balls.

T8a. Can you tell me how many balls you drew from this urn? ___

T8b. Can you tell me how many red balls you drew from this urn? ___

How many red balls do you think there are in the urn? Please take your time to think about your choice.

T8. What is the ${p26}'s updated guess? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p26} to wait and ask the ${p27} to join.]

E. Joint Discussion

Now, we would like you to decide together the number of red balls in the urn.

[${p35} = "public"] E1. Public Discussion

[Do not read: Remain in the booth for the discussion.]

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

T9a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

T9b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

T9c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${t9c} = 1; for T9d – T9h]
T9d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

T9e. *[Do not read]* What information did the wife share?
- [ ] a. Number of draws
- [ ] b. Color composition
- [ ] c. Guess

T9f. *[Do not read]* What information did the husband share?
- [ ] a. Number of draws
- [ ] b. Color composition
- [ ] c. Guess

T9g. *[Do not read]* Who made the decision?
- [ ] a. Husband
- [ ] b. Wife
- [ ] c. Both

T9h. *[Do not read]* Notes on interaction: _____

[if ${p35} = "private"] E2. Private Discussion

Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

T9i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

T9j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

E3. Joint Guess

T10. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

T11. [*Do not read: Which spouse moved the coin last on the scale?*]
- [ ] a. Husband
- [ ] b. Wife
- [ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

E4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p26} will remain in the same booth. Ask ${27} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse and will note it down. This guess may be different from your previous guesses or could be the same. So based on all the information you learnt, how many red balls do you think are in this urn?

T12. What is the ${p26}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

T14. What is the ${p27}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn, if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

ROUND 5: Classic

Here is the fifth urn. Both of you will each make draws from the same urn. Until the completion of this round, we will be using only this urn. As you can see, this urn is black in color - for each round, we will use a different colored urn.

The computer has decided that ${p30} starts first in this round. In this round, you will draw a few balls and guess the number of red balls in the urn;then your ${p31} will draw a few balls and guess. Following this, we will ask you to make a joint guess.

[Do not read: Ask the ${p31} to leave and talk to the ${p30}]

A: Spouse 1 Individual Guess

This urn contains 20 balls. Similar to the previous round, you can draw ${p32} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p32} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p32} times and note down the composition.]

U1. *[Do not read]* Order of red/white balls drawn: ____
[Constraint: Limit the number characters that can be entered to ${p32} and display as field list.]

U2. *[Do not read]* How many red balls did the ${p30} draw? ___

U3. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

Thank you for your guess. It is now your ${p31}'s turn. We will not change the contents of the urn and they will remain the same, while you are waiting.

[Do not read: Ask the ${p30} to wait and ask the ${p31} to join. Once the ${p31} joins, ask the ${p30} to leave.]

B. Spouse 2 Individual Guess

This urn contains 20 balls and your ${p30} got a chance to draw some balls from it. Now it is your turn. Similar to the previous round, you can draw ${p33} balls from the urn to try and learn how many red balls and how many white balls are in the urn. Draw a ball from the urn, have a look at it, and put it back into the urn. Please draw ${p33} balls in total. I will shuffle the balls in the urn before each of your draws.

[Do not read: Ensure that the participant draws ${p33} times.]

U4. *[Do not read]* Order of red/white balls drawn: ____

[Constraint: Limit the number characters that can be entered to ${p33}]

U5. *[Do not read]* How many red balls did the ${p31} draw? ___

U6. How many red balls do you think are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

[Do not read: Ask the ${p31} to wait and ask the ${p30} to join.]

C. Joint Guess

Now, we would like you to decide together the number of red balls in the urn.

[if ${p37} = "public"] C1. Public Discussion

We are going to remain in the booth while you make your decision together. This is only because we would like to see your decision-making process.

Our staying here has nothing to do with whether you made 'good' or 'bad' decisions in previous rounds. This task is designed to be difficult. Most couples find it hard to come up with a good answer. Don't worry about saying anything wrong in front of us. Just try to do your best.

Now both of you will make a decision together. Remember, this does not have to be the same as either of your previous guesses.

U7a. *[Do not read: Discussion start time:* |__|__|:|__|__| *24HR]*

U7b. *[Do not read: Discussion end time:* |__|__|:|__|__| *24HR]*

U7c. *[Do not read]* Did they share information?
[ ] 0. No
[ ] 1. Yes

[if ${u7c} = 1; for U7d – U7h]
U7d. *[Do not read]* Who shared information?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

U7e. *[Do not read]* What information did the wife share?
[ ] a. Number of draws
[ ] b. Color composition
[ ] c. Guess

U7f. *[Do not read]* What information did the husband share?
[ ] a. Number of draws
[ ] b. Color composition

[ ] c. Guess

U7g. *[Do not read]* Who made the decision?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

U7h. *[Do not read]* Notes on interaction: _____

[if ${p37} = "private"] C2. Private Discussion
Remember, this does not have to be the same as either of your previous guesses. We will now let you two decide. Let us know once you have made a decision together.

[Do not read: Leave the booth and enter once they have made the decision. Keep the urn with the lid behind the table. Once you enter, place the urn on the table.]

U7i. *[Do not read: Discussion start time: |__|__|:|__|__| 24HR]*

U7j. *[Do not read: Discussion end time: |__|__|:|__|__| 24HR]*

C3. Joint Guess

U8. How many red balls do you think there are in the urn? ___ *[Do not read: Have them move the coin to make their decision]*

U9. [*Do not read: Which spouse moves the coin on the scale?*]
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

We will keep aside the urn now. We will show you the number of red balls in the urn, if this urn is chosen at the end.

E4. Post-Discussion Guesses

[Do not read: With the other surveyor, ask the participants the following questions simultaneously in separate booths. ${p30} will remain in the same booth. Ask ${p31} to go to the other booth with the other surveyor.]

Both of you discussed and made a joint guess. You now each have a chance to make another guess based on the information you learnt. We will not share your guess with your spouse. This guess may be different from your previous guesses or it may the same. Based on all the information you learnt, how many red balls do you think are in this urn?

U10. What is the ${p30}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

U11. What is the ${p31}'s updated guess? _____ *[Do not read: Have them move the coin to make their decision]*

We will show you the number of red balls in the urn. if this urn is chosen at the end to be the one that determines your payment. Now, we will proceed to the next round.

SECTION C: Beliefs about Competence

[Do not read: Talk to ${p30}]

Now I would like to ask you a few questions about the game you have been playing today. We will not share your answers with your spouse.

V1. In general, who, amongst men and women, do you think will be better at this game, i.e. who is making more accurate choices?
[ ] a. Women are better
[ ] b. About the same
[ ] c. Men are better

V2. Who, amongst you and your spouse, do you think is better at this game, i.e. who is making more accurate choices?
[ ] a. Wife is better
[ ] b. About the same
[ ] c. Husband is better

[Do not read: Talk to ${p31}]

Now I would like to ask you a few questions about the game you have been playing today. We will not share your answers with your spouse.

V3. In general, who, amongst men and women, do you think will be better at this game, i.e. who is making more accurate choices?
[ ] a. Women are better
[ ] b. About the same
[ ] c. Men are better

V4. Who, amongst you and your spouse, do you think is better at this game, i.e. who is making more accurate choices?
[ ] a. Wife is better
[ ] b. About the same
[ ] c. Husband is better

[Do not read: Talk to ${p31}.]

We're at the end of this activity. Before you can learn how much you and your spouse will be earning, we have a few more questions for you.

Both you and your ${p30} got to make many guesses after learning some information about the contents of the different urns. Before I proceed, I would like to assure you that anything you tell us will not be shared with your ${p30}. I request you to answer my following questions. We will not disclose anything to your ${p30}.

Since, both you and your ${p30} made multiple guesses on your own - how much would each of your guesses earn, on an average?

If your answer is within Rs. 30 of the average of the actual earnings, you can earn Rs. 50 that you will be paid separately. However, if your guess is more than Rs. 30 of the average of the actual earnings, you will not earn anything other than the amount disclosed in the envelope as discussed before. One of the answers has already been chosen by the computer and you will be paid for that answer. So, think carefully before answering.

[Do not read: Use Figure 2 (the payment scale) for the following questions.]

W1. How much will your ${p30}'s guess earn, on an average? Rs. _____

W2. How much will your guess earn, on an average? Rs. ____

[if ${p38} = "own guess"]

W2a. [Calculate: ${p31}'s average earnings _____]

[if ${w2a} - 30 =< ${w2} =< ${w2a} + 30]

Your guess about your average earnings is within the Rs. 30 of the average of your actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w2} < ${w2a} - 30 or ${w2} > ${w2a} + 30]

Your guess about your average earnings is not within the Rs. 30 of the average of your actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[if ${p38} = "spouse's guess"]

W2b. [Calculate: ${p30}'s average earnings _____]

[if ${w2b} - 30 =< ${w1} =< ${w2b} + 30]

Your guess about your ${p30}'s average earnings is within the Rs. 30 of the average of their actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w1} < ${w2b} - 30 or ${w1} > ${w2b} + 30]

Your guess about your ${p30}'s average earnings is not within the Rs. 30 of the average of their actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[Do not read: Talk to ${p30}.]

We're at the end of this activity. Before you can learn how much you and your spouse will be earning, we have a few more questions for you.

Both you and your ${p31} got to make many guesses after learning some information about the contents of the different urns. Before I proceed, I would like to assure you that anything

you tell us will not be shared with your ${p31}. I request you to answer my following questions. We will not disclose anything to your ${p31}.

Since, both you and your ${p31} made multiple guesses on your own - how much would each of your guesses earn, on an average?

If your answer is within Rs. 30 of the average of the actual earnings, you can earn Rs. 50 that you will be paid separately. However, if your guess is more than Rs. 30 of the average of the actual earnings, you will not earn anything other than the amount disclosed in the envelope as discussed before. One of the answers has already been chosen by the computer and you will be paid for that answer.So, think carefully before answering.

[Do not read: Use Figure 2 (the payment scale) for the following questions.]

W3. How much will your ${p31}'s guess earn, on an average? Rs. ____

W4. How much will your guess earn, on an average? Rs. ____

[if ${p39} = "own guess"]

[if ${w2b} - 30 =< ${w4} =< ${w2b} + 30]

Your guess about your average earnings is within the Rs. 30 of the average of your actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w4} < ${w2b} - 30 or ${w4} > ${w2b} + 30]

Your guess about your average earnings is not within the Rs. 30 of the average of your actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

[if ${p39} = "spouse's guess"]

[if ${w2a} - 30 =< ${w1} =< ${w2a} + 30]

Your guess about your ${p30}'s average earnings is within the Rs. 30 of the average of their actual earnings. You will earn an additional Rs. 50 at the end of this survey.

[if ${w1} < ${w2a} - 30 or ${w1} > ${w2a} + 30]

Your guess about your ${p30}'s average earnings is not within the Rs. 30 of the average of their actual earnings. You will not earn an additional Rs. 50 at the end of this survey.

SECTION E: FINAL SECTION

As mentioned before, the envelope in front of you contains the decision made by the computer. Please open it and have a look at the decision.

F1. [Do not read] Who opened the envelope?
[ ] a. Husband
[ ] b. Wife
[ ] c. Both

F1a. What does the sheet say?

F1b. Which urn does the sheet say is the one that determines your payment?

[Do not read: Show them the red balls in the urn.]

[if ${p4} = 1]
As you can see, there are ${p7} red balls in the urn.

[if ${p4} = 2]
As you can see, there are ${p8} red balls in the urn.

[if ${p4} = 3]
As you can see, there are ${p9} red balls in the urn.

[if ${p4} = 4]
As you can see, there are ${p10} red balls in the urn.

[if ${p4} = 5]
As you can see, there are ${p11} red balls in the urn.

F2. *[Do not read]* Is the finalized guess a post-discussion guess?
[ ] 0. No
[ ] 1. Yes

[if ${f2} = 1]

The finalized guess is a private guess, and as mentioned before we will not disclose the guess. However, we will explain the amount you will receive.

[*Do not read: With the help of the payment scale, explain their payment to them.]*

[if ${f2} = 0][*Do not read: Show them the grid with responses from each round and point to the one in the envelope. With the help of the payment scale, explain their payment to them.*]

SECTION Z: CONCLUSION

Thank you for your time!

Z1. Re-enter CPID: _____

Z2. End Time: |__|__|:|__|__| 24HR