

Supporting Text S3, Statistic results of rejection rates in questionnaire paradigm

For each of 9 proposals in questionnaire paradigm, χ^2 –tests were performed between the rejection-rate pairs in (1) informed IG in experimenter condition, (2) non-informed IG in the experimenter condition, (3) informed IG in the anonymous condition, (4) non-informed IG in the anonymous condition, and between each rejection rate and zero. As shown in SI 3.1 to SI 3.10 (Significantly difference at $p < 0.05$ level were shown in **Bold**).

For 9:1, 8:2, 7:3 proposals, the rejection rate in non-informed IG in anonymous condition (a) were significantly (with one exception at 0.080 level) lower than those in informed IG in the anonymous condition, and the informed IG and non-informed IG in the experimenter condition, and (b) significantly larger than zero.

Figure S3.1, Rejection rates in questionnaire paradigm

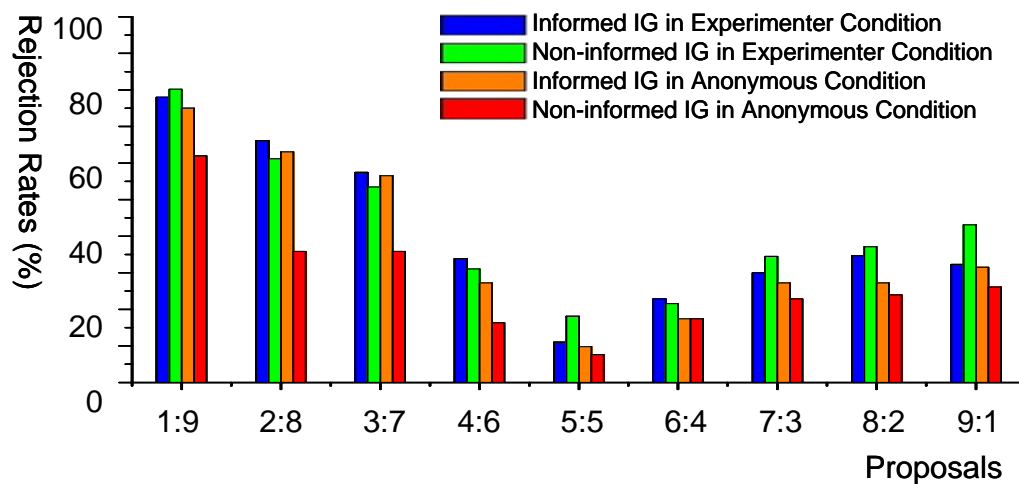


Table S3.1, 9:1 proposal

Proposer, 9 yuan	Experimenter condition				Anonymous condition			
Responder, 1 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	99 78.0%		93 80.2%		69 75.0%		57 62.0%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 78.0%	-	-	0.180	0.753	0.260	0.630	6.662	0.015
Non-informed IG, 80.2%			-	-	0.797	0.403	8.466	0.004
Anonymous condition								
Informed IG, 75.0%					-	-	3.626	0.080
Non-informed IG, 62.0%							-	-
Zero	162.2	<.001	155.2	<.001	110.4	<.001	82.58	<.001

Table S3.2, 8:2 proposal

Proposer, 8 yuan	Experimenter condition				Anonymous condition			
Responder, 2 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	84 66.1%		71 61.2%		58 63.0%		33 35.9%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 66.1%	-	-	0.639	0.504	0.225	0.669	19.649	< 0.001
Non-informed IG, 61.2%			-	-	0.073	0.886	13.175	< 0.001
Anonymous condition								
Informed IG, 63.0%					-	-	13.589	< 0.001
Non-informed IG, 35.9%							-	-
Zero	125.5	<.001	102.3	<.001	84.70	<.001	40.21	<.001

Table S3.3, 7:3 proposal

Proposer, 7 yuan	Experimenter condition				Anonymous condition			
Responder, 3 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	73 57.5%		62 53.4%		52 56.5%		33 35.9%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 57.5%	-	-	0.399	0.605	0.020	0.891	9.977	0.002
Non-informed IG, 53.4%			-	-	0.196	0.676	6.390	0.012
Anonymous condition								
Informed IG, 56.5%					-	-	7.894	0.008
Non-informed IG, 35.9%							-	-
Zero	102.4	<.001	84.61	<.001	72.48	<.001	40.21	<.001

Table S3.4, 6:4 proposal

Proposer, 6 yuan	Experimenter condition				Anonymous condition			
Responder, 4 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	43 33.9%		36 31.0%		25 27.2%		15 16.3%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 33.9%	-	-	0.220	0.682	1.113	0.305	8.444	0.005
Non-informed IG, 31.0%			-	-	0.369	0.646	6.015	0.015
Anonymous condition								
Informed IG, 27.2%					-	-	3.194	0.07
Non-informed IG, 16.3%							-	-
Zero	51.76	<.001	42.61	<.001	28.93	<.001	16.33	<.001

Table S3.5, 5:5 proposal

Proposer, 5 yuan	Experimenter condition				Anonymous condition			
Responder, 5 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	14 11.0%		21 18.1%		9 9.8%		7 7.6%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 11.0%	-	-	2.465	0.144	0.087	0.826	0.718	0.489
Non-informed IG, 18.1%			-	-	2.878	0.112	4.851	0.039
Anonymous condition								
Informed IG, 9.8%					-	-	0.274	0.798
Non-informed IG, 7.6%							-	-
Zero	14.82	<.001	23.09	<.001	9.463	0.013	7.277	0.014

Table S3.6, 4:6 proposal

Proposer, 4 yuan	Experimenter condition				Anonymous condition			
Responder, 6 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	29 22.8%		25 21.6%		16 17.4%		16 17.4%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 22.8%	-	-	0.058	0.878	0.968	0.398	0.968	0.398
Non-informed IG, 21.6%			-	-	0.561	0.487	0.561	0.487
Anonymous condition								
Informed IG, 17.4%					-	-	0.000	1.000
Non-informed IG, 17.4%							-	-
Zero	32.74	<.001	28.02	<.001	17.52	<.001	17.52	<.001

Table S3.7, 3:7 proposal

Proposer, 3 yuan	Experimenter condition				Anonymous condition			
Responder, 7 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	38 29.9%		40 34.5%		25 27.2%		21 22.8%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 29.9%	-	-	0.579	0.493	0.197	0.763	1.365	0.281
Non-informed IG, 34.5%			-	-	1.276	0.293	3.364	0.091
Anonymous condition								
Informed IG, 27.2%					-	-	0.464	0.610
Non-informed IG, 22.8%							-	-
Zero	44.69	<.001	48.33	<.001	28.93	<.001	23.71	<.001

Table S3.8, 2:8 proposal

Proposer, 2 yuan	Experimenter condition				Anonymous condition			
Responder, 8 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	44 34.6%		43 37.1%		25 27.2%		22 23.9%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 34.6%	-	-	0.155	0.789	1.380	0.302	2.919	0.102
Non-informed IG, 37.1%			-	-	2.283	0.140	4.133	0.050
Anonymous condition								
Informed IG, 27.2%					-	-	0.257	0.736
Non-informed IG, 23.9%							-	-
Zero	53.22	<.001	52.78	<.001	28.93	<.001	24.99	<.001

Table S3.9, 1:9 proposal

Proposer, 1 yuan	Experimenter condition				Anonymous condition			
Responder, 9 yuan	Informed IG		Non-informed IG		Informed IG		Non-informed IG	
Total number of participants	127		116		92		92	
No. and % of participants who reject the offer	41 32.3%		50 43.1%		29 31.5%		24 26.1%	
χ^2 -test	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>	χ^2	<i>p</i>
Experimenter condition								
Informed IG, 32.3%	-	-	3.030	0.086	0.014	1.000	0.982	0.370
Non-informed IG, 43.1%			-	-	2.922	0.113	6.842	0.013
Anonymous condition								
Informed IG, 31.5%					-	-	0.663	0.515
Non-informed IG, 26.1%							-	-
Zero	48.89	<.001	63.74	<.001	34.43	<.001	27.60	<.001