

Intergroup Contact and its Effects on Discriminatory Attitudes: Evidence from India: Tables and Figures

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November 12, 2019

1 Tables

Table 1: Distribution of Responses to Trust Question

Response	General Trust %	General Trust N	Trust Other Caste %	Trust Other Caste N
Trust Completely	45.09%	312	29.62%	205
Trust a little	47.83%	331	31.21%	216
Do not trust too much	5.92%	41	30.06%	208
Do not trust at all	1.01%	7	7.37%	51
Don't Know/Can't Say	0.14%	1	1.73%	12
Total	100%	692	100%	692

Notes: Table 1 shows the distribution of responses to questions on trust. General Trust represents responses to the question: ‘How much do you trust people in general?’’. Trust Other Caste represents responses to the question: ‘How much do you trust individuals from another caste?’

Table 2: Distribution of Responses to Questions on Caste Related Attitudes

Panel A: Beliefs about Marriage

Response	Inter Caste Marriage Ban		Inter Caste Marriage within Family	
	%	N	%	N
Do not Support at all	33.24%	230	14.16%	98
Do not Support too much	46.82%	324	29.48%	204
Support a little	10.40%	72	28.90%	200
Strongly Support	8.82%	61	22.25%	154
Don't know/can't say	0.72%	5	5.20%	36

Panel B: Caste Injustice

Response	Caste Injustice	
	%	N
Increased	36.42%	252
Decreased	39.45%	273
Same as Before	24.13%	167

Panel C: Importance of Caste

Response	Importance Caste	
	%	N
Yes	60.98%	422
No	38.01%	263
Can't Say	1.01%	7

Panel D: Affirmative Action

Response	Support Reservation	
	%	N
Strongly Support	52.31%	362
Support a little	16.91%	117
Do not support much	14.45%	100
Do not support at all	11.85%	82
Don't now/Can't Say	4.48%	31
Total	100%	692

Table 3: Descriptive Statistics of Surveyed Individuals

	SC/ST (1)	Non SC/ST (2)	Full Sample (3)
General Trust	0.975 (0.155)	0.948 (0.222)	0.959 (0.197)
Trust Other Caste	0.604 (0.490)	0.589 (0.492)	0.594 (0.491)
Against Marriage Ban	0.87 (0.337)	0.806 (0.396)	0.833 (0.374)
Support Inter caste Marriage within Family	0.549 (0.498)	0.492 (0.500)	0.432 (0.496)
Caste Injustice has Increased	0.411 (0.493)	0.402 (0.491)	0.401 (0.491)
Support Reservation	0.739 (0.440)	0.660 (0.474)	0.693 (0.461)
Caste is Important	0.571 (0.496)	0.635 (0.482)	0.609 (0.488)
Fraction of Other Caste HH	0.497 (0.271)	0.562 (0.286)	0.535 (0.281)
Age	36.06 (22.26)	35.08 (13.80)	35.48 (17.78)
Female	0.521 (0.970)	0.52 (0.975)	0.001 (0.974)
Completed Primary Education	0.717 (0.451)	0.768 (0.422)	0.747 (0.435)
Employed	0.481 (0.501)	0.549 (0.498)	0.521 (0.500)
Duration of Stay	2.122 (1.304)	1.975 (1.243)	2.036 (1.270)
General	x	x	0.423 (0.494)
Other Backward Classes (OBC)	x	x	0.163 (0.370)
SC/ST	x	x	0.413 (0.493)
N	286	406	692

Notes: mean coefficients; sd in parentheses. Data from author's own survey.

***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 4: Balance Tests

	Full Sample (1)	SC/ST (2)	Non SC/ST (3)
Dependent Var: Fraction of Other Caste HH			
Age	-0.0006 (0.0007)	0.0008 (0.0006)	-0.0008 (0.004)
Male Age	-0.00005 (0.0005)	0.0002 (0.0004)	-0.0001 (0.003)
Female	-0.002 (0.012)	0.007 (0.014)	-0.001 (0.011)
Female Age	-0.0002 (0.002)	-0.0005 (0.002)	-0.0002 (0.002)
Completed Primary	-0.015 (0.027)	-0.028 (0.036)	0.003 (0.0260)
Number of Family Members	-0.005 (0.013)	-0.012 (0.025)	0.011 (0.016)
Age of Oldest Child	0.005 (0.004)	0.003 (0.006)	0.007 (0.005)
Number of Children Before Move	-0.021 (0.015)	-0.015 (0.023)	-0.028 (0.025)
Female Respondent	-0.035 (0.094)	-0.132 (0.131)	-0.051 (0.186)
Other Backward Classes (OBC)	-0.177*** (0.055)	-	0.196*** (0.054)
SC/ST	0.036 (0.054)	-	-
Previous Slum FE	Y	Y	Y
Observations	692	286	406

Notes: Table 4 shows the regression of composition of other caste households on a given floor on baseline characteristics. General Caste is the omitted caste category. Standard errors are clustered at the floor level. ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 5: Relationship between Trust and Exposure to Other Caste Neighbors

	General Trust		TrustOtherCaste	
	OLS (1)	Probit (2)	OLS (3)	Probit (4)
Fraction of Other Caste HH	0.066 (0.074)	0.147 (0.117)	0.342* (0.157)	0.352* (0.148)
OBC	0.034 (0.044)	0.032 (0.043)	-0.208 (0.157)	-0.211 (0.148)
SC/ST	0.049 (0.047)	0.047 (0.043)	-0.096 (0.082)	-0.098 (0.085)
Outcome Mean	0.937	0.936	0.603	0.601
Previous Slum FE	Y	Y	Y	Y
Controls	Y	Y	Y	Y
N	691	691	680	680

Notes: Each column represents a separate regression. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer. Results reported in the probit columns are the marginal effects. *General Trust*: Generally speaking, would you say that most people can be trusted or that you need to be very careful in dealing with people (0-Do not Trust, 1-Trust)? *ExtentTrustOtherCaste*: How much do you trust members of another caste? (0-Do not Trust, 1-Trust). ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 6: Relationship between Caste Attitudes and Exposure to Other Caste Neighbors

	AgainstMarriageBan	SupportInterCasteMarriage	CasteInjustice	ImportanceCaste	SupportReservation					
	OLS (1)	Probit (2)	OLS (3)	Probit (4)	OLS (5)	Probit (6)	OLS (7)	Probit (8)	OLS (9)	Probit (10)
Fraction of Other Caste HH	0.197** (0.086)	0.206* (0.112)	0.261** (0.131)	0.267** (0.127)	0.354** (0.169)	0.351** (0.159)	-0.048 (0.165)	-0.03 (0.158)	-0.144 (0.155)	-0.14 (0.144)
OBC	0.183 (0.084)	0.180 (0.081)	0.079 (0.123)	0.076 (0.120)	-0.035 (0.116)	-0.033 (0.115)	-0.14 (0.127)	-0.15 (0.129)	-0.035 (0.115)	-0.032 (0.113)
SC/ST	0.099 (0.063)	0.097 (0.061)	0.014 (0.077)	0.015 (0.074)	-0.046 (0.097)	-0.043 (0.097)	-0.155 (0.096)	-0.153 (0.079)	-0.046 (0.075)	-0.048 (0.097)
Outcome Mean	0.8	0.8	0.542	0.541	0.521	0.52	0.601	0.601	0.692	0.69
Previous Slum FE	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Controls	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Observations	687	687	656	656	525	525	672	672	623	623

Notes: Each column represents a separate regression. Results reported in the probit columns are the marginal effects. Controls include age, education, employment status, previous slum location and caste of interviewer. Standard errors in parentheses and clustered at the floor level. *AgainstMarriageBan*: How much would you support a law prohibiting intercaste marriage? (0-Support, 1-Do not Support Marriage Ban (more accepting of intercaste marriage)) *SupportInterCasteMarriage*: How much do you support intercaste marriage within your own family? (0-Do not Support, 1-Support) *CasteInjustice*: In your opinion, has caste injustice decreased, increased or seen no change? (1-Increased, 0-Decreased) *ImportanceCaste*: In your opinion, is caste still as important in people's lives today as it was ten years ago? (0-Not Important, 1-Important) *SupportReservation*: How much do you support caste based reservation? (0-Do not Support, 1-Support). ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 7: Outcomes on Caste Attitudes Interacted with Caste Categories

	AgainstMarriageBan	SupportIntercasteMarriage	CasteInjustice	SupportReservation	ImportanceCaste
	(1)	(2)	(3)	(4)	(5)
Fraction of Other Caste HH	0.240* (0.132)	0.380* (0.197)	0.407* (0.216)	-0.189 (0.201)	-0.175 (0.205)
SC/ST	0.183 (0.131)	0.154 (0.162)	0.079 (0.197)	-0.009 (0.148)	-0.238 (0.190)
Fraction of Other Caste HH × SC/ST	0.160 (0.220)	0.267 (0.291)	-0.209 (0.286)	-0.092 (0.271)	0.217 (0.322)
Observations	687	656	525	623	672

Notes: Each column represents a separate regression. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer. *AgainstMarriageBan*: How much would you support a law prohibiting intercaste marriage? (0-Support, 1-Do not Support Marriage Ban (more accepting of intercaste marriage)) *SupportInterCasteMarriage*: How much do you support intercaste marriage within your own family? (0-Do not Support, 1-Support) *CasteInjustice*: In your opinion, has caste injustice decreased, increased or seen no change? (1-Increased, 0-Decreased) *ImportanceCaste*: In your opinion, is caste still as important in people's lives today as it was ten years ago? (0-Not Important, 1-Important) *SupportReservation*: How much do you support caste based reservation? (0-Do not Support, 1-Support). Omitted caste category is Non SC/ST.

***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 8: Outcomes on Trust Using Subcaste Variation

	General Trust	TrustOtherCaste
	(1)	(2)
MorethanOneSubcaste: SC/ST	-0.075 (0.059)	-0.062 (0.143)
Observations	285	282
MorethanOneSubcaste: Non SC/ST	-0.021 (0.041)	-0.030 (0.126)
Observations	406	398

Notes: Each column represents a separate regression . Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer *General Trust*: Generally speaking, would you say that most people can be trusted or that you need to be very careful in dealing with people (0-Do not Trust, 1-Trust)? *TrustOtherCaste*: How much do you trust members of another caste? (0-Do not Trust, 1-Trust). ***,** and * denote significance at the 1, 5 and 10% levels respectively.

Table 9: Outcomes on Caste Attitudes Using Subcaste Variation

	AgainstMarriageBan	SupportIntercasteMarriage	CasteInjustice	SupportReservation	ImportanceCaste
	(1)	(2)	(3)	(4)	(5)
MorethanOneSubcaste: SC/ST	-0.022 (0.077) 284	-0.054 (0.136) 266	-0.131 (0.139) 214	0.303** (0.115) 264	0.255* (0.149) 280
Observations					
MorethanOneSubcaste: Non SC/ST	-0.020 (0.083) 403	0.065 (0.098) 390	0.007 (0.131) 311	0.042 (0.099) 359	0.057 (0.113) 392
Observations					

Notes: Each column represents a separate regression. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer. *AgainstMarriageBan*: How much would you support a law prohibiting intercaste marriage? (0-Support, 1-Do not Support Marriage Ban (more accepting of intercaste marriage)) *SupportInterCasteMarriage*: How much do you support intercaste marriage within your own family? (0-Do not Support, 1-Support). *CasteInjusticeAttitude*: In your opinion, has caste injustice decreased, increased or seen no change? (0-Decreased, 1-Increased) *ImportanceCaste*: In your opinion, is caste still as important in people's lives today as it was ten years ago? (0-Not Important, 1-Important) *SupportReservation*: How much do you support caste based reservation? (0-Do not Support, 1-Support). ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 10: Outcomes on Trust Interacted with Years Since Move

	General Trust	Extent Trust Another Caste
	(1)	(2)
Fraction of Other Caste HH	0.052 (0.077)	0.285 (0.177)
Years Since Move	-0.080 (0.123)	0.062 (0.175)
Fraction of Other Caste HH \times Years Since Move	0.118 (0.170)	-0.004 (0.287)
Caste Fixed Effects	Y	Y
Observations	691	680

Notes: Each column represents a separate regression. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer. *General Trust*: Generally speaking, would you say that most people can be trusted or that you need to be very careful in dealing with people (0-Do not Trust, 1-Trust)? *TrustOtherCaste*: How much do you trust members of another caste? (0-Do not Trust, 1-Trust). Years Since Move: Less than 3 years is the omitted category. ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 11: Outcomes on Attitudes Towards Caste Interacted with Duration of Stay

	AgainstMarriageBan	SupportInterCasteMarriage	CasteInjustice	SupportReservation	ImportanceCaste
	(1)	(2)	(3)	(4)	(5)
Fraction of Other Caste HH	-0.249** (0.108)	0.130 (0.136)	0.305 (0.189)	-0.096 (0.165)	-0.109 (0.171)
Years Since Move	-0.099 (0.121)	0.417** (0.174)	0.187 (0.183)	0.135 (0.170)	-0.034 (0.217)
Fraction of Other Caste HH × Years Since Move	0.201 (0.217)	0.635** (0.297)	0.136 (0.251)	-0.325 (0.316)	0.197 (0.368)
Observations	687	656	525	623	672

Notes: Each column represents a separate regression. Controls include age, education, employment status, previous slum location and caste of interviewer.
AgainstMarriageBan: How much would you support a law prohibiting intercaste marriage? (0-Support, 1-Do not Support Marriage Ban (more accepting of intercaste marriage)) *SupportInterCasteMarriage*: How much do you support intercaste marriage within your own family? (0-Do not Support, 1-Support).
CasteInjusticeAttitude: In your opinion, has caste injustice decreased, increased or seen no change? (0-Decreased, 1-Increased) *ImportanceCaste*: In your opinion, is caste still as important in people's lives today as it was ten years ago? (0-Not Important, 1-Important) *SupportReservation*: How much do you support caste based reservation? (0-Do not Support, 1-Support). Years Since Move: Less than 3 years is the omitted category. ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 12: Relationship between Friendship and Exposure to Other Caste Neighbors

	FractionFriend	AtleastOneFriend	FractionNew	AtleastOneNew
X: Fraction of Other Caste HH	0.056 (0.122)	0.005 (0.116)	0.034 (0.095)	0.076* (0.046)
Outcome Mean	0.512	0.713	0.44	0.971
Caste FE	Y	Y	Y	Y
Observations	692	692	692	692

Notes: Each column represents a separate regression. *FractionFriend* is defined as the proportion of friends from the other castes. *AtleastOneFriend* is defined as a dummy which takes a value of 1 if the individual has atleast one other caste friend. *FractionNew* is defined as the proportion of new friends from the other castes. *AtleastOneNew* is defined as a dummy which takes a value of 1 if the individual has atleast one other caste new friend. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status, previous slum location and caste of interviewer. ***,** and * denote significance at the 1, 5 and 10% levels respectively.

Table 13: Trust Outcomes: Interaction between Exposure to Other Caste Neighbors and Previous Slum Friends

	General Trust Outcome Mean=0.897	TrustOtherCaste Outcome Mean=0.271
	(1)	(2)
Fraction of Other Caste HH	0.062 (0.071)	0.340*** (0.159)
FractionPreviousFriend	0.034 (0.278)	0.262*** (0.121)
FractionOtherCaste×PreviousFriend	0.272 (0.404)	0.420*** (0.208)
Caste FE	Y	Y
Controls	Y	Y
N	691	680

Notes: Each column represents a separate regression. *FractionPreviousFriend* is defined as the previously known residents from another caste. *AtleastOnePreviousFriend* is a dummy which takes the value of 1 if the person knows atleast one person from the slum he/she previously stayed in. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status and caste of interviewer. ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 14: Outcomes on Caste Attitudes: Interaction between Exposure to Other Caste Neighbors and Previous Slum Friends

	AgainstMarriageBan (1)	SupportIntercasteMarriage (2)	CasteInjustice (3)	ImportanceCaste (4)	SupportReservation (5)
Fraction of Other Caste HH	-0.199** (0.087)	0.257** (0.128)	0.351** (0.163)	-0.045 (0.21)	-0.146 (0.208)
FractionPreviousFriend	-0.207 (0.233)	0.361 (0.264)	0.61 (0.303)	0.227 (0.244)	-0.141 (0.25)
FractionOtherCaste × PreviousFriend	-0.02 (0.37)	0.097 (0.393)	0.28 (0.473)	-0.226 (0.395)	0.319 (0.44)
Outcome Mean	0.744	0.541	0.521	Mean=0.601	Mean=0.692
Caste FE	Y	Y	Y	Y	Y
Controls	Y	Y	Y	Y	Y
N	687	656	525	672	623

Notes: Each column represents a separate regression. *FractionPreviousFriend* is defined as the previously known residents from another caste. *AtleastOnePreviousFriend* is a dummy which takes the value of 1 if the person knows atleast one person from the slum he/she previously stayed in. Standard errors in parentheses and clustered at the floor level. Controls include age, education, employment status and caste of interviewer. ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

Table 15: Effect of Exposure to Other Caste Neighbors on Survey Participation
 Participation in Survey

Fraction Other Caste HH	0.028 (0.064)
OBC	-0.014 (0.032)
SC/ST	-0.02 (0.025)
Observations	947

Notes: This table shows the regression of Survey Participation on the composition of other caste households. Standard errors are clustered at the floor level. Participation in Survey: 0 if the household is not in the survey, 1 if the household is in the survey. Site fixed effects included.
 ***, ** and * denote significance at the 1, 5 and 10% levels respectively.

2 Figures

Figure 1: Program and Survey Timeline

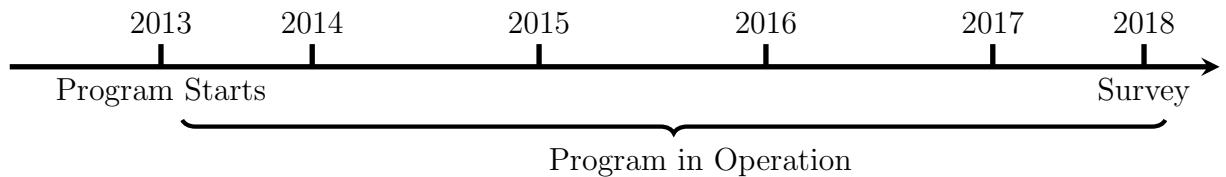


Figure 2: Distribution of Year of Relocation

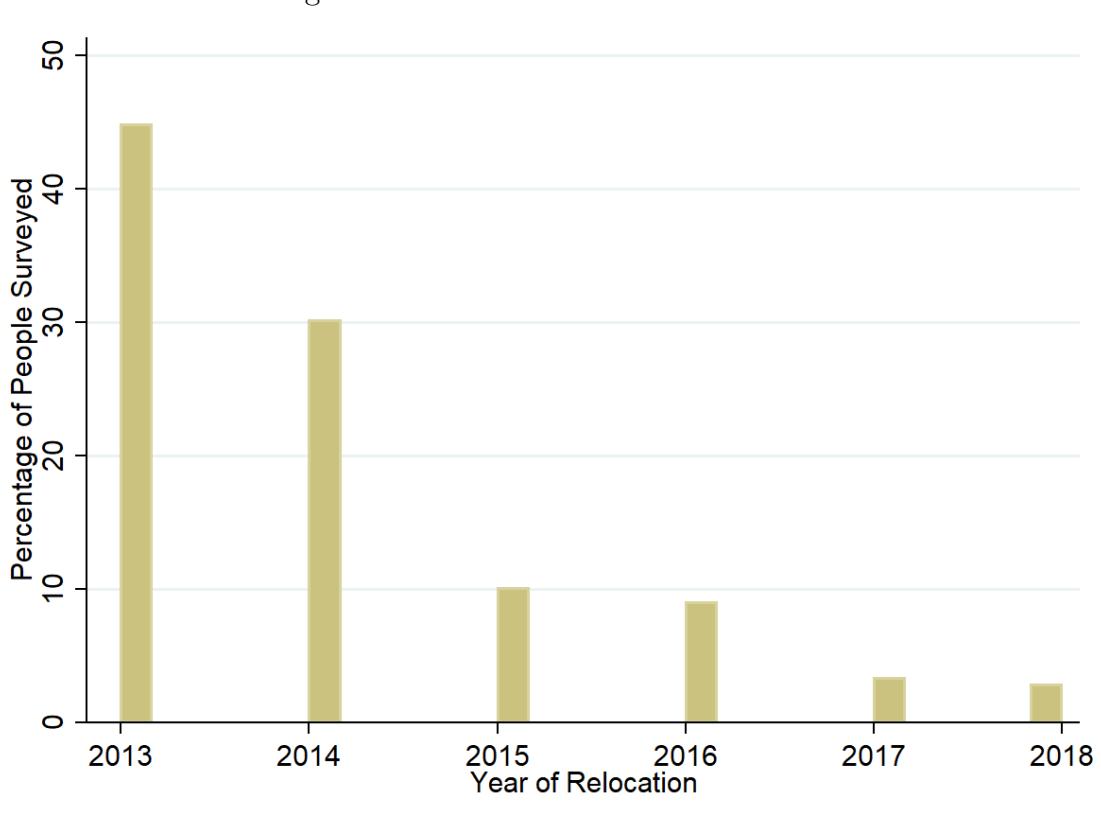


Figure 3: Relocation Site



Figure 4: Distribution of Participating and Assigned Households

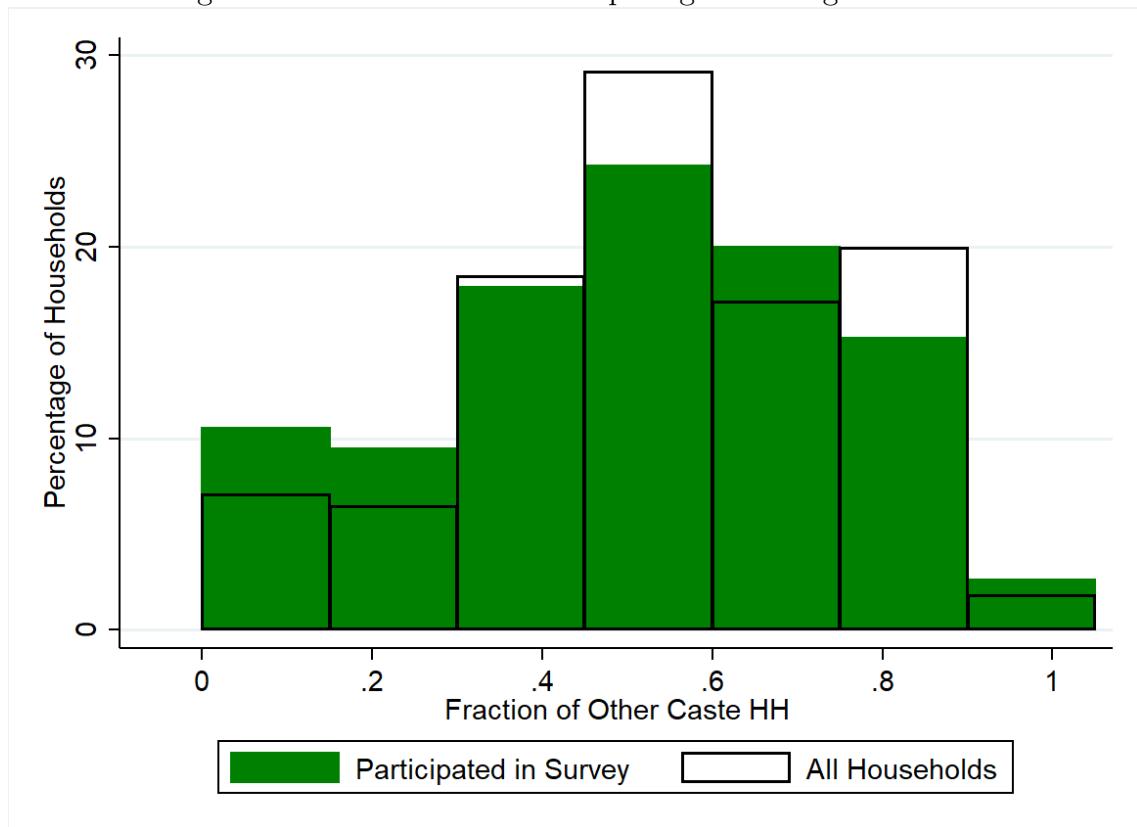


Figure 5: Distribution of Surveyed Individuals Exposed to Fraction of Other Caste Households

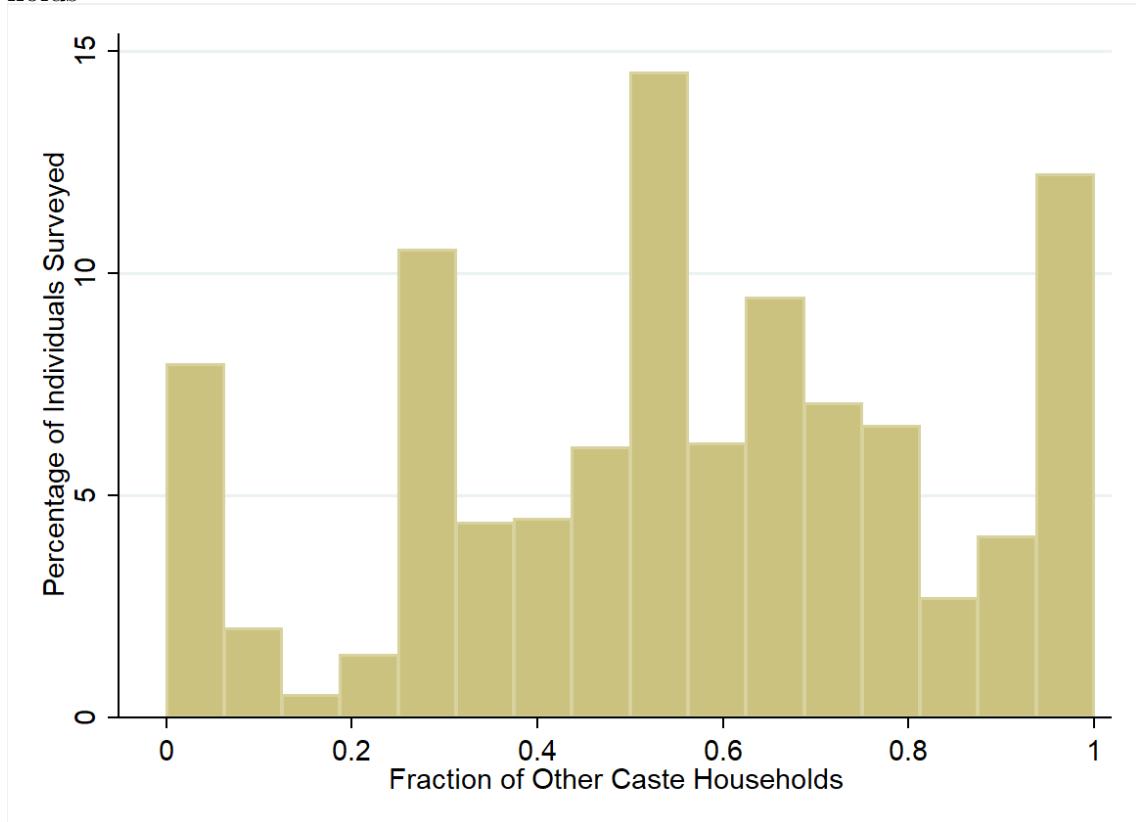


Figure 6: Distribution of Surveyed Households Exposed to Proportion of Other Caste Households

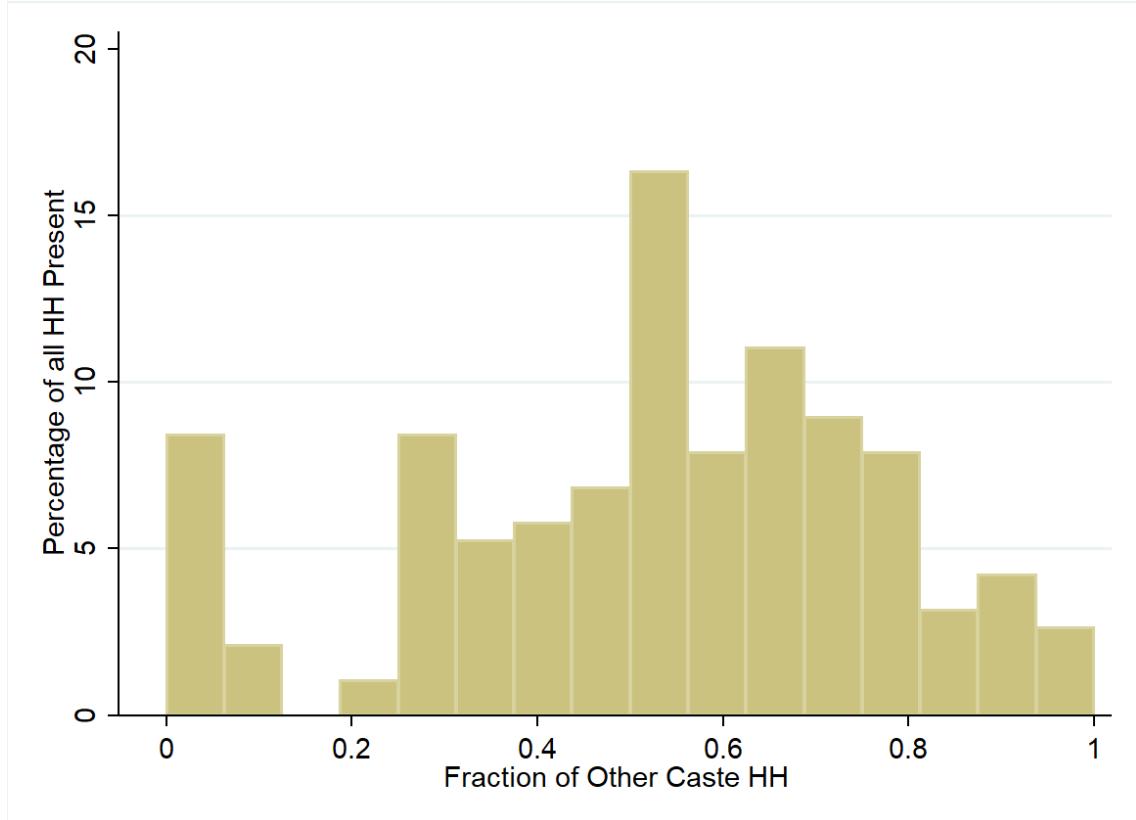


Figure 7: Distribution of Friends

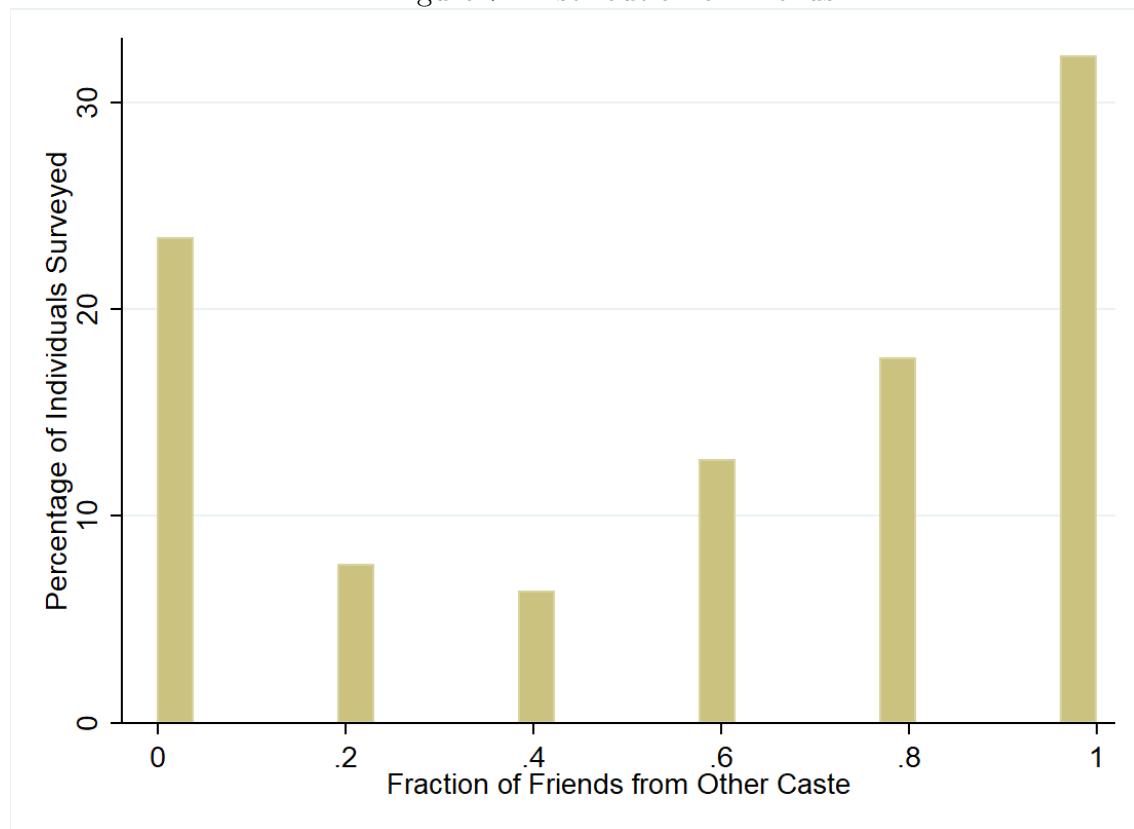


Figure 8: Distribution of New Friends

