

EFFECT OF VIOLENCE ON ECONOMIC DEVELOPMENT: AN EXPERIMENTAL ANALYSIS

YOUNG PROFESSIONAL GRANT 2014-2015
LAURA MARÍA JIMÉNEZ LOZANO

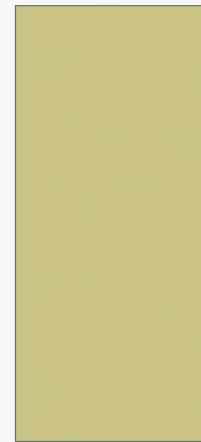


TABLE OF CONTENTS

1. Introduction.
2. Theoretical hypothesis.
3. Experimental procedures.
4. Results.
5. Conclusions.

1. INTRODUCTION

- The project was directed by Gianluca Grimalda and Francesco Bogliacino.
- Two issues:
 - The use of participatory decision-making at the community level to better manage common resource → *JUNÍN*.
 - The evaluation of the policy implemented by the Colombian Government to compensate internal refugees through land titling → *MONTES DE MARÍA*.

2. THEORETICAL HYPOTHESIS

1. JUNÍN

- The Trust Game (Berg et al. 1995).
- Treatment: consultative democracy
- Role of procedural fairness.

2. THEORETICAL HYPOTHESIS

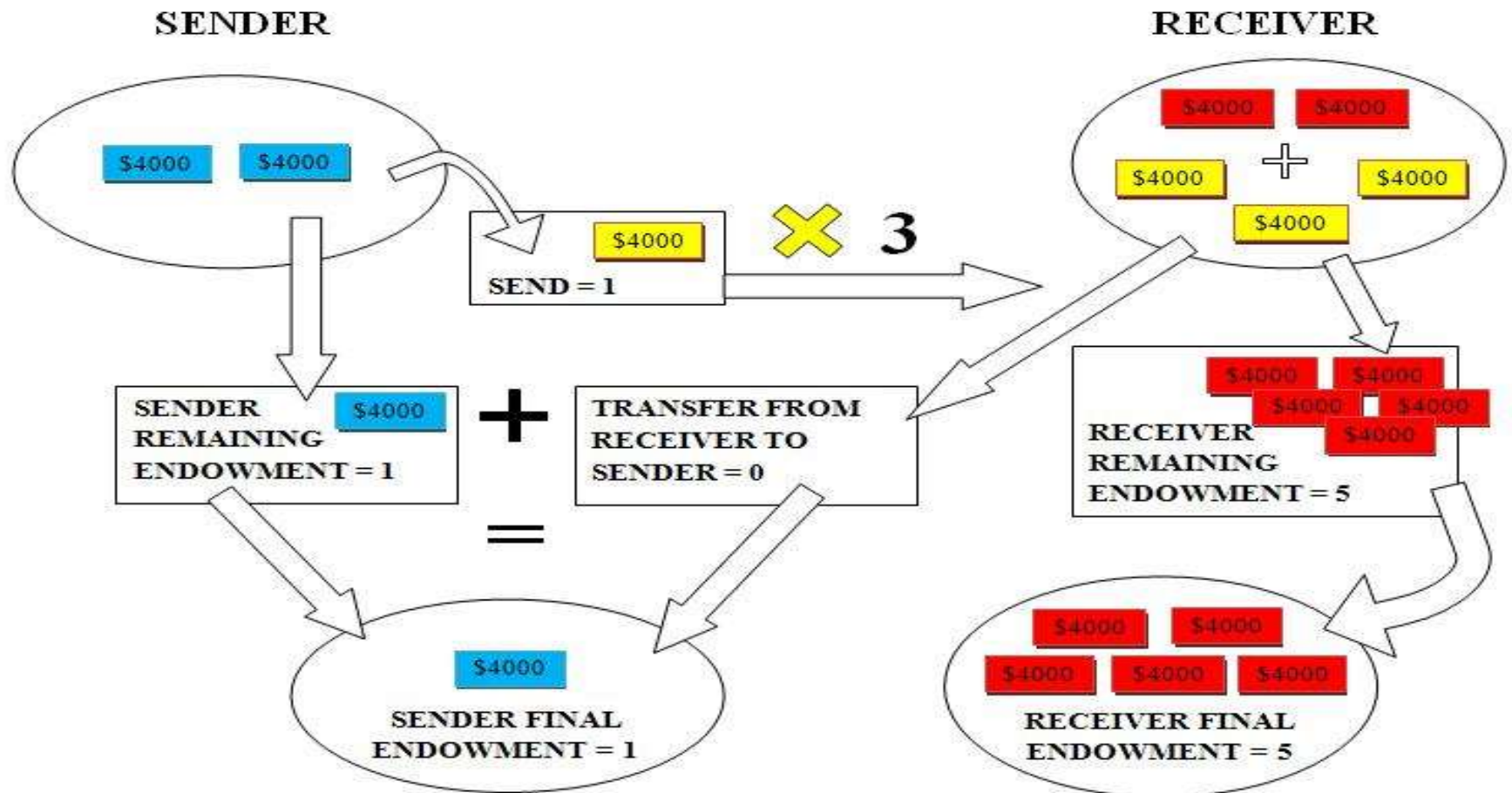
2. MONTES DE MARÍA

- Main independent variable → Land titling by the farmers.
- Level of trust and trustworthiness
- Internalization of social norms
- Is land titling reducing poverty?

3. EXPERIMENTAL PROCEDURES

1. JUNÍN

SCENARIO 3: SENDER SENDS ONE TOKEN;
RECEIVER DOESN'T TRANSFER ANYTHING.



SEQUENCE

- Explanation
- Comprehension test
- First choice (both sender & receiver)
- Baseline or voting condition (randomly)
- Second choice (both sender & receiver)

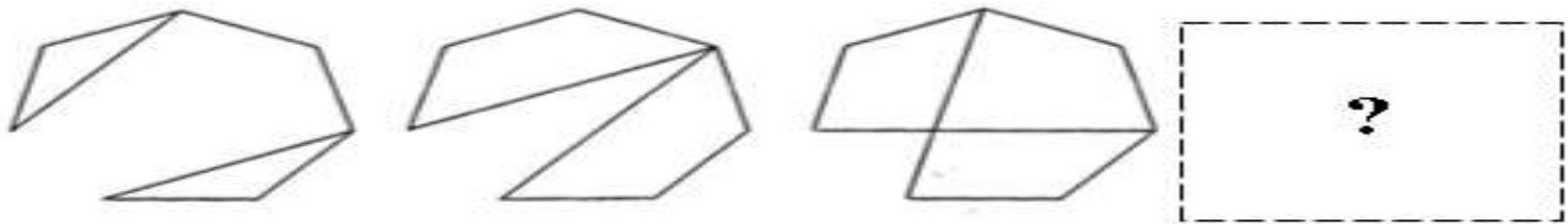
3. EXPERIMENTAL PROCEDURES

2. MONTES DE MARÍA

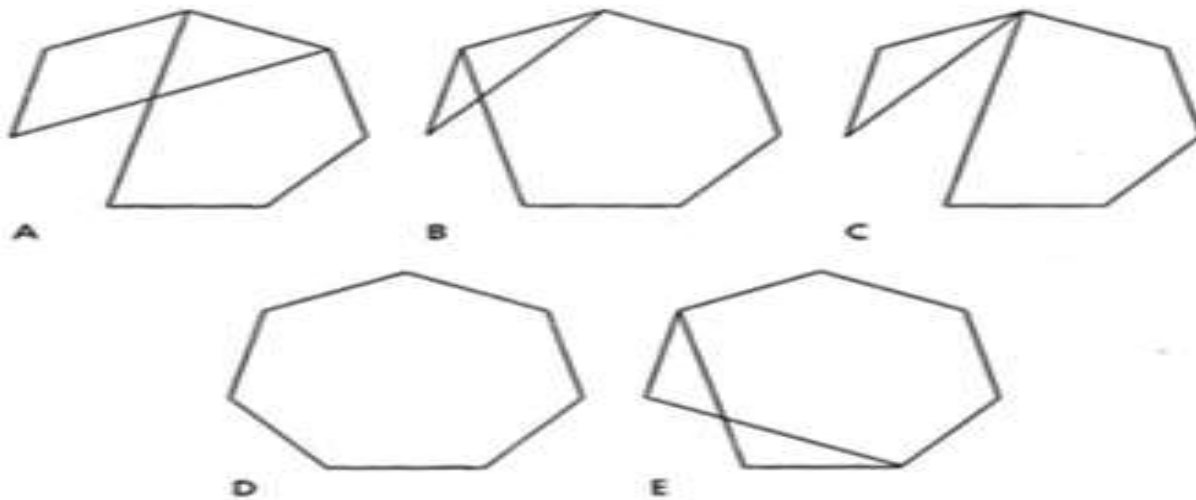
- Trust game
 - Voting condition
 - Message condition

- Raven test

RAVEN TEST



What comes next in the above sequence?



3. EXPERIMENTAL PROCEDURES

2. MONTES DE MARÍA

- Explanation
- Stroop test
- Explanation & comprehension
- Dictator with punishment

STROOP TEST

3 3 3

2 2 2

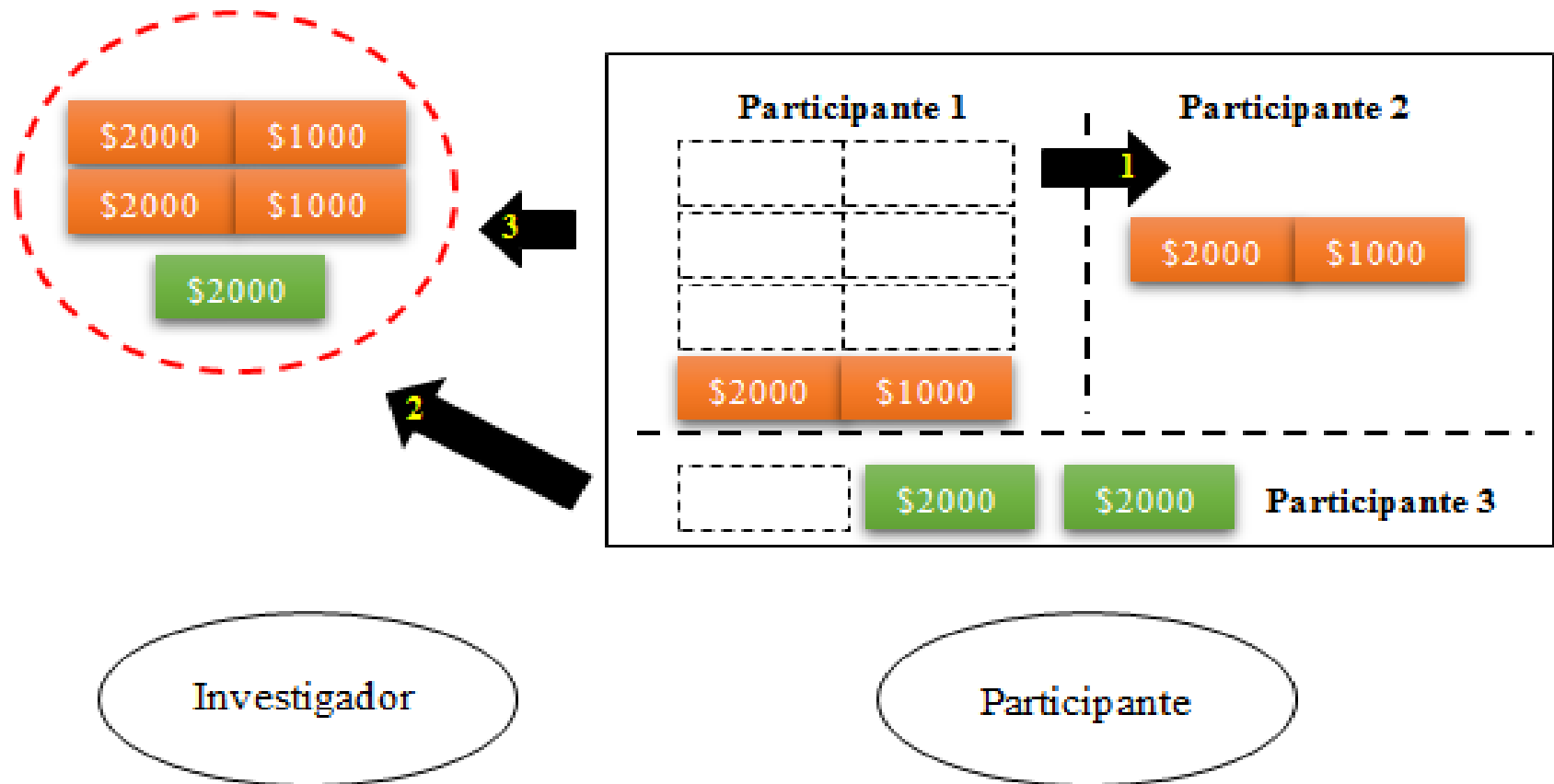
2

1 1

1 1 1

4 4 4

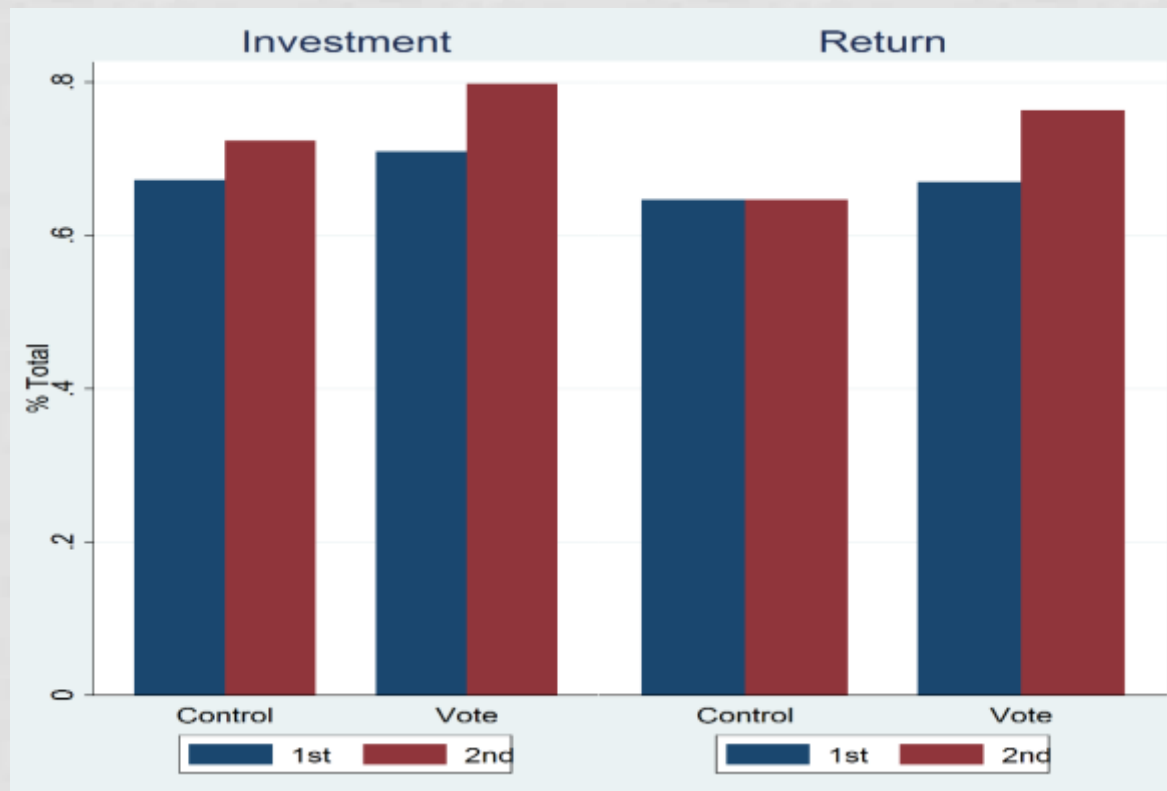
DICTATOR WITH PUNISHMENT



4. RESULTS

1. JUNÍN

Investment and return average, by round and treatment



4. RESULTS

1. JUNÍN

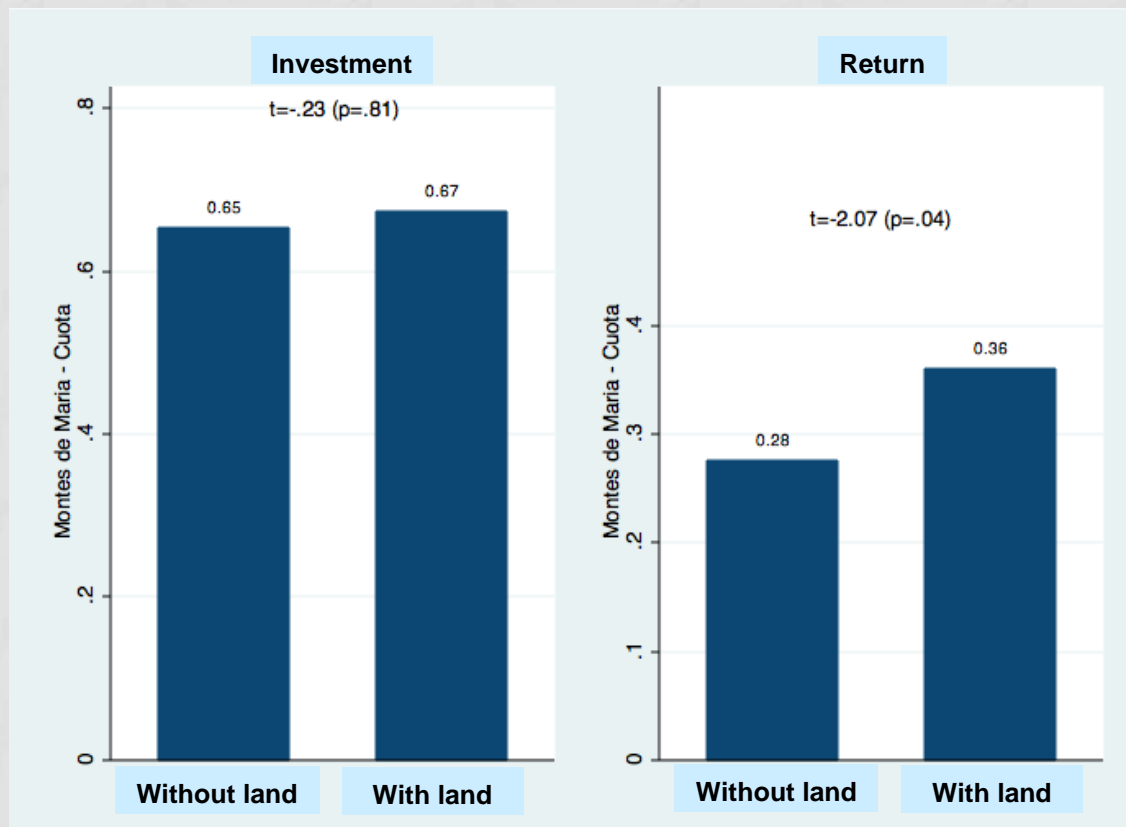
Total percentages per vote mechanism

Sender	0	9.68%
	1	41.94%
	2	48.39%
Sharing, 50% investment	0	14.52%
	1	85.48%
Sharing, 100% investment	0	14.52%
	1	85.48%

4. RESULTS

2. MONTES DE MARÍA

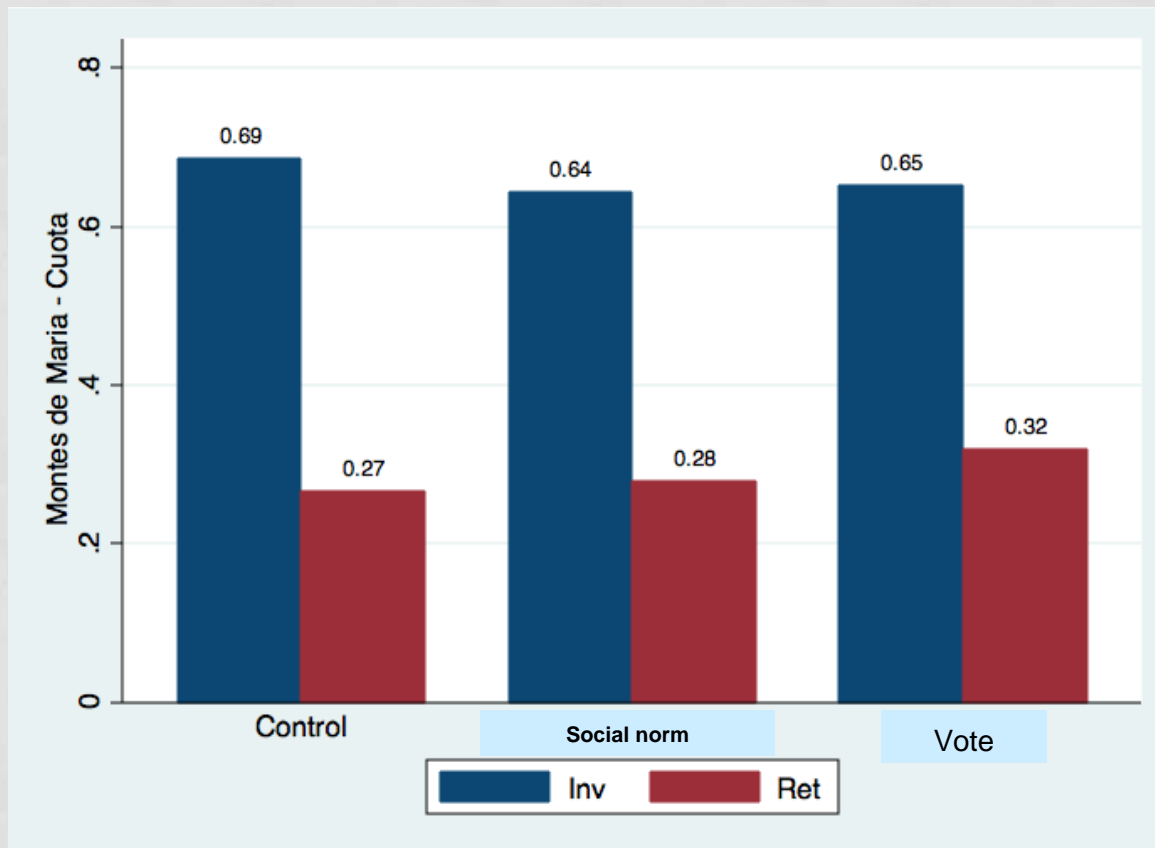
Investment and return rate comparing those with land and those without land



4. RESULTS

2. MONTES DE MARÍA

Investment and return rate, by condition



4. RESULTS

2. STROOP TEST

	(1)	(2)	(3)	(4)
	Stroop (%)	Stroop (%)	Stroop (%)	Stroop (%)
Land	-7.043	-6.935	-7.199	-6.937
	(5.125)	(5.266)	(5.310)	(5.268)
Session	1.589	1.598	1.416	1.602
	(2.103)	(2.101)	(2.037)	(2.082)
Session order	-0.292	-0.281	-0.226	-0.262
	(0.480)	(0.468)	(0.453)	(0.469)
Researcher	4.432	4.936	4.330	4.828
	(3.900)	(3.990)	(3.937)	(3.917)
Education	9.663***	9.634***	9.101***	9.675***
	(2.521)	(2.532)	(2.544)	(2.534)
Priming	-8.312**	-8.261**	-8.222**	-8.263**
	(3.564)	(3.551)	(3.543)	(3.567)
Scarcity	-23.50***	-23.42***	-23.24***	-23.43***
	(3.691)	(3.645)	(3.646)	(3.649)

4. RESULTS

RAVEN TEST

	(1)	(2)	(3)
	Raven (%)	Raven (%)	Raven (%)
Land	1.263	1.101	2.368
	(3.733)	(3.447)	(3.993)
Social norm	-1.279	-2.646	-2.259
	(4.283)	(3.780)	(4.639)
Vote	-2.422	-1.218	-1.956
	(4.029)	(3.656)	(4.360)
Sex	-3.201	-1.264	-2.129
	(3.600)	(3.239)	(3.951)
Age	-0.301**	-0.203*	-0.302**
	(0.118)	(0.106)	(0.126)
Married	1.025	1.025	0.674
	(2.123)	(1.845)	(2.142)
Education	1.704	3.134*	1.596
	(1.793)	(1.604)	(1.779)

4. RESULTS

DICTADOR GAME WITH PUNISHMENT

	(1)
	strong
Land	0.473 (0.506)
Session	-0.385** (0.225)
Session order	0.0451 (0.0590)
Researcher	0.741 (0.459)
Education	-0.0365 (0.268)
Priming	0.0141 (0.390)
Scarcity	0.531 (0.402)
Age	-0.00150 (0.0178)
Sex	-0.0892 (0.425)

5. CONCLUSIONS

- Colombia has been in conflict for half a century. In 2011 the 1448 bill called “Ley de Víctimas y Restitución de Tierras” was issued.
 - It includes land restitution as a fundamental step in the victims’ integral reparation.
- Our principal objective: analyze if those with land and those without it make similar economic decisions or not.
- We look also at the problem of management of common resources and assess a method to increase personal trust among community members.

5. CONCLUSIONS

- Land restitution policy has effects over trust and trustworthiness.
 - Land titling per se does not affect cognitive performance, as expected.
- Reaction to social norms is also not significant.
 - There must be many conditions to be satisfied to generate social capital in the new communities of displaced people that will be rebuilt.
- We also find evidence about the positive impact of vote mechanism over trust and trustworthiness.

5. CONCLUSIONS



Mampujancito
Montes de María

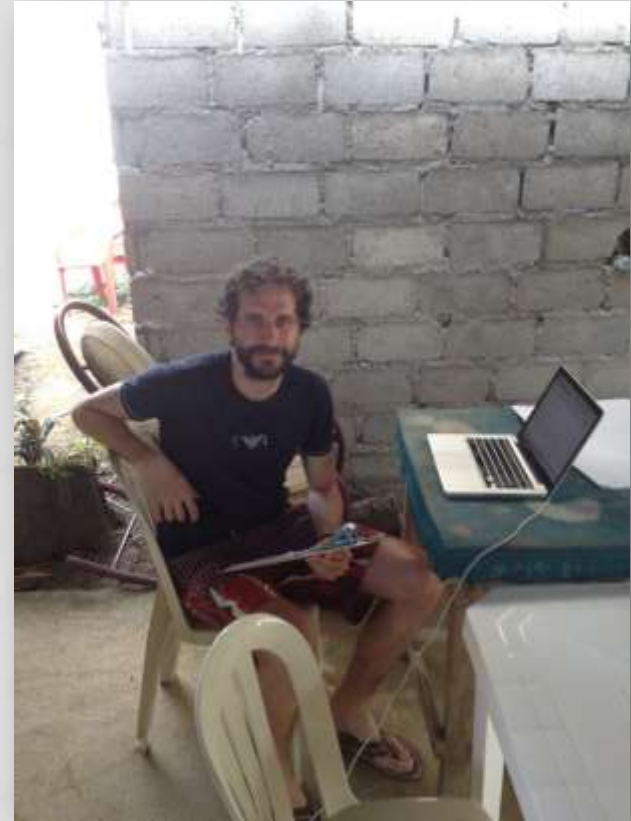


5. CONCLUSIONS



La Pava
Montes de María

5. CONCLUSIONS



Mampujancito
Montes de María