Can human rights institutions influence individual behavior? This paper tests the ground level effectiveness of two strategies that aim to eliminate discrimination: a powerful, top-down combination of incentives and norm promotion and a bottom-up NGO-based effort. The study uses a hard case, that of discrimination against the Roma (commonly known by the disfavored term ‘Gypsies’), spans three towns, Murska Sobota and Novo mesto in Slovenia and Čakovec in Croatia, and includes altogether 606 subjects. Levels of discrimination are estimated via trust games played with money, which are particularly appropriate because the Roma are widely stereotyped as cheaters and thieves. The findings suggest that the EU accession process, widely regarded as a strong incentive-based and norm promoting rights change mechanism, may not substantially reduce discrimination on the ground. Instead, they suggest that ground level organizing aimed at improving relations between Roma and non-Roma helps reduce discrimination.

*I would like to thank George Downs, Michael Gilligan, Bernarda Bračič and W. Nicholson Price II for invaluable help in developing this project. I am also very grateful to Štefan Bajić, Vanessa Bobetić, Dragan Bogdan, Željko Balog, Mojca Bečaj, Jožek Horvat Muc, Manja Munda, Živa Kleindienst, Vera Klopčić, Jaka Kukavica, Rebecca Morton, Tena Posel, Sabina Ranogajec, Monika Sandrelli, David Stasavage, Filip Škiljan, Eva Tr apečar, Joshua Tucker, Milena Tudija, Lucija Vihar, and an anonymous Croatian government official.

†Assistant Professor in the Department of Political Science at the University of Oklahoma. email: bracic@ou.edu. web: www.anabracic.com. 301 821 5887. The appendix is available online at www.anabracic.com.
Individual behavior is increasingly salient in the context of rights abuses. Human rights monitors look harder for abuse, find abuse in more places, and classify different types of abuse as human rights violations (Fariss 2014). As those violations are more broadly monitored and classified, holding individuals accountable is becoming a norm (Sikkink 2011). The U.S. #BlackLivesMatter movement, reacting to police brutality against black citizens, both exemplifies the growing movement towards accountability and reflects the individual-level link between discrimination and other rights abuses. Nevertheless, the global rights community has far to go in battling racial injustice and other rights abuses at the level of the individual, whether directed at Dalits in India, individuals of Haitian descent in the Dominican Republic, or members of any other marginalized group. Human rights scholars rarely systematically gather individual-level data about human rights behaviors to link them to broader human rights institutions. By examining efforts to eliminate individual-level discrimination which itself often results in further rights abuses, this article aims to provide insights into macro- and micro-level processes that potentially lead to positive human rights outcomes.

Using the context of discrimination against the Roma in Slovenia and Croatia, I test the ground-level effectiveness of two strategies. The first strategy is a top-down combination of incentives and norm promotion; I ask if it affects individual behavior. I then test the same ground-level effectiveness of the second strategy, a local NGO-led effort to improve contact between those who discriminate and those who are targets of discrimination. In testing the first strategy, I conduct a border study of two closely matched towns in Croatia and Slovenia. The EU accession process provides incentives and norm promotion in Croatia, but not in Slovenia. In examining the second, I perform a within-country comparison of two closely matched Slovene towns. One has an NGO effort to improve contact and the other does not. I measure discrimination at the individual level in an experimental set-up, using the trust game (Berg, Dickhaut, and McCabe 1995).\(^1\)

\(^1\)This study was approved by the New York University IRB (HS#11-8405).
The top-down rights improvement strategy does not appear to reduce discrimination on the ground, but the bottom-up NGO effort does. The findings suggest that incentive-based and traditional norm-promoting strategies, while powerful at the state level, may not have effects that reach individual behavior. The results further suggest that in targeting individuals, a human rights strategy that is experiential and not merely persuasive might be particularly effective.

Human rights scholarship tends to examine the two components of the first strategy separately. Incentive-based mechanisms are generally aimed at state actors, and affect rights practices through rights conditionality in exchange for benefits like preferential trade privileges (Hafner-Burton 2005; Simmons, Dobbin, and Garrett 2008). Norm promotion addresses states and individuals alike, and affects rights practices and public opinion chiefly by naming and shaming (Sikkink 1993; Brysk 1993; Keck and Sikkink 1998; Khagram, Riker, and Sikkink 2002; Hafner-Burton 2008; Davis, Murdie, and Steinmetz 2012; Hendrix and Wong 2012). While these two types of strategies are quite distinct, they are sometimes linked in practice. When a state commits to rights improvements in exchange for externally granted benefits or when such benefits are suspended in light of rights violations, norm entrepreneurs use the opportunity to mobilize. In fact, suspension of benefits may in part be due to naming and shaming. Human Rights Watch, for example, reports extensively on inadequate uses of the African Growth and Opportunity Act (AGOA) conditionality in improving rights practices in various African countries (Kasambala 2014). When the United States revoked Swaziland’s AGOA status due to insufficient protections of workers’ and human rights, the decision accordingly received much attention (Hughes 2014). The two strategies, while chiefly operating at state and international levels, at least partly rely on domestic audiences to mobilize in favor of rights change (Keck and Sikkink 1998; Simmons 2009). An individual actor observing or participating in public discourse, however, might not distinguish between incentives and norm promotion, but simply perceive that rights should be changed. In studying individuals, then, the effects of two strategies that often appear
together ought to be considered together as well.

An alternative strategy to change discriminatory behavior, much smaller in scope than the approaches just mentioned, stems from NGO efforts that encourage contact between the majority population and the marginalized group in order to foster inclusion. While the merits of intergroup contact remain contested, laboratory-based scholarship in psychology strongly suggests that intergroup contact reduces prejudice and discriminatory intent (Allport 1954; Pettigrew 1998; Miller 2002; Dovidio et al. 2004; Pettigrew and Tropp 2006; Wagner, Christ, and Pettigrew 2008). Recent evidence from field experiments offers additional support; when white children (Green and Wong 2009) or college students (Laar et al. 2005; Boisjoly et al. 2006) are randomly assigned to diverse groups for short-term or extended interactions, they show lower levels of prejudice. Efforts on the part of NGOs to increase contact between those who transgress and their targets at the individual level may, then, decrease prejudice and discrimination at that level as well. Most research on intergroup contact is conducted in the American context, predominantly examining prejudice of whites towards blacks; by studying discrimination in Europe, this article offers a departure from this tradition.

I conduct a test of the intergroup contact strategy and the combination of incentives and norm promotion in the context of discrimination against the Roma in Slovenia and Croatia. The Roma, commonly referred to by the disfavored term "Gypsies" (Hancock 2002), are the largest ethnic minority in Europe. Historically, the Roma have been variously enslaved, deported, forcibly assimilated, and subjected to genocide (Barany 2002). Today, many remain segregated and face discrimination in schools, on the job market, in hospitals, in police stations, and on the street (European Roma Rights Centre (ERRC) 2004). This study examines the Roma because they are a clear case of a minority that has suffered discrimination, abuse, and exclusion for centuries. In such a seemingly intractable case, identifying interventions that promote inclusion would show promise for studying and curtailing marginalization in various other communities that historically have been denied or
have themselves resisted inclusion.

My empirical strategy involves two approaches: a border study and a within-country design. I use a border study to examine the combination of incentives and norms. The EU accession process is arguably the strongest mechanism of human rights conditionality, and is deemed particularly powerful in the context of Roma rights (Schimmelfennig, Engert, and Knobel 2005). To gain membership, EU candidate states must enact legislative and policy changes that protect Roma rights, at state and local levels. Conditionality demands are accompanied by norm advocacy and naming and shaming, via NGOs and official EU channels. I leverage this process and measure discrimination against the Roma in two towns, one in Croatia and one in Slovenia, that match closely on forty-three Roma and human rights related factors at state, regional, and local levels. At the time of investigation, Croatia was at the height of the EU accession process and thus faced enormous pressures to improve its treatment of the Roma. In contrast, Slovenia had been an EU member for eight years and faced no pressure to improve Roma rights.

I test the intergroup contact strategy in the context of discrimination against the Roma in two towns in Slovenia that match exceptionally well on twelve local/regional Roma and human rights-related factors, but differ in type of NGO action. Action in the first town is inclusive—targeting both Roma and non-Roma—and promotes intergroup contact. NGO action in the second town is not inclusive and focuses on service provision to Romani settlements. Accordingly, roughly half of randomly sampled non-Roma from the first town are familiar with the NGO; in the other town, the same holds for only two percent. NGO leaders’ personal idiosyncrasies completely define the organizations’ foci. This mitigates the endogeneity concern that the two types of NGOs developed because of beliefs that their types would be particularly effective in their respective environments.

To test the two hypotheses, I use simple games intended to capture other-regarding behavior, which map remarkably well onto the stereotype that motivates anti-Roma sentiment. Discrimination against the Roma is largely motivated by the belief that the Roma
are cheaters and thieves. The trust game (Berg, Dickhaut, and McCabe 1995) played with money elicits behavior by non-Roma that demonstrates distrust towards the Roma; given the strong link between distrust and discrimination in this particular case, the method likely captures discriminatory behavior.

I find no support for the hypothesis that a high-level combined strategy of incentives and norm promotion affects individual behavior. At the height of the EU accession process, Croats discriminated against the Roma, while Slovenes just across the border, under no pressure to improve their treatment of the Roma, did not. I find support, however, for the intergroup contact hypothesis. Slovenes from a town with inclusive NGO action treated Roma no differently than non-Roma, whereas Slovenes from a town with non-inclusive NGO action discriminated against the Roma.

My findings suggest that (1) while powerful at the state level, incentive-based and traditional norm promoting strategies inherent in the EU accession process may not necessarily have effects that reach the individual, and (2) NGOs promoting intergroup contact between Roma and non-Roma can help reduce discrimination. In the context of changes at the individual level, then, micro-level strategies that engage individuals as participants in normative behavior may be preferable to (otherwise powerful) macro-level strategies that merely advocate for it.

Quantitative human rights scholarship tends to view rights violations in a top-down manner, with the state as an abuser and the citizen a victim. Some cases of abuse are not as clear-cut. State actors may be the primary perpetrators, but their behavior may reflect the general tenor of the environment. For example, citizens may implicitly or explicitly support abuse. In India, government food security programs are often situated in locales that exclude Dalits; if not, Dalit children are often chased away from schools when they try to take advantage of the mid-day meal scheme to which they are entitled (Thorat and Lee 2005). Actions of parents, teachers, and local administrators are intertwined; parents mobilize in favor of Dalit exclusion (Thorat and Lee 2005), while the officials curb the children’s right
to food. Further, citizens can themselves become state actors. Consider American juries. In murder cases of white victims, black defendants are significantly more likely than white defendants to receive the death sentence (Baldus et al. 1998), particularly so if they look more stereotypically black (Eberhardt et al. 2006). Some cases of human rights violations, then, demand that we examine individual actors, both state and non-state, if we aim to understand and improve human behavior. This article offers a small contribution to that effort.

In what follows I first introduce the Roma. Next, I present the two strategies of human rights change along with expectations about their efficacy at the level of the individual. The empirical strategy, results, and a broader discussion of implications follow. The last section concludes.

**Who are the Roma and why use their case here?**

The Roma are the largest ethnic minority in Europe. Population counts are unreliable; conservative estimates report that as many as 9 million Roma currently reside in Europe (Polzer-Srienz 2003). The Roma first arrived in Europe at the end of the 13th century, having emigrated from north-western India centuries before (Courthiade 2003). Contrary to romanticized popular perceptions, they are generally no longer itinerant (Matras 2000)—some groups, in fact, were never peripatetic.\(^2\) Until very recently many engaged in traditional economic activities which primarily defined their tribal identities.\(^3\) While modernization rendered many of those crafts obsolete, tribal diversity survives and to a large extent characterizes Romani individuals. The largest concentration of Roma in Eastern Europe is in Romania, followed by Hungary. Historically, the Roma have been variously enslaved,\(^4\) de-

\(^2\)All facts attributed to Barany (2002), unless otherwise noted.

\(^3\)Trades ranged from blacksmiths and umbrella makers to horse traders (Štrukelj 1980).

\(^4\)In Moldavia and Walachia Romani slavery persisted until 1864.
ported,\(^5\) forcibly assimilated,\(^6\) and subjected to genocide (Djurić 2007).

While today many Roma have integrated into their respective majority populations, most remain segregated. The segregated populations are generally socially disadvantaged and bear the brunt of discrimination. In many states, Roma children are schooled in remedial special schools for mentally disabled, whether or not they have actual disabilities (Cahn 2002). Roma face significant barriers in accessing employment, frequently live without electricity or sewerage, generally receive substandard health care, and are often deemed undeserving of social welfare. Many do not have personal documents and are effectively stateless; they are more likely than non-Roma to be abused by the police in general, while in detention, and while in prison (ERRC 1997). These marginalized populations are therefore predominantly poor, unemployed and undereducated. To survive, numerous Roma are forced to engage in illicit activities that range from small-scale theft of scrap metal to usury and transnational trafficking in weapons, drugs, and humans (Anonymous 2012). Criminality fuels the already existing intolerance and discrimination and, in a downward spiral, strengthens the barriers that drive the Roma to crime in the first place.

**Hypothesis I: The EU Accession Process**

The EU accession process is a prime example of a process that aims to influence rights through a combination of incentives and norm promotion (Kelley 2004). EU conditionality is a powerful incentive-based mechanism (Vachudova 2005; Hafner-Burton 2005). The requirements are generally non-negotiable, the benefits substantial, and the costs of exclusion considerable (Schimmelfennig, Engert, and Knobel 2005). Although citizen support for accession varies considerably, eligible states typically choose to accede (Tucker, Pacek, and

\(^5\) Britain and Portugal deported Roma to the colonies in the 18th century.

\(^6\) The Austro-Hungarian Empire and European socialist regimes forcibly assimilated Roma.
States receive financial support from the EU to implement the changes required (Phare 2005), face yearly evaluations by the European Commission, and do not receive membership until they have sufficiently complied with the conditions. The process itself is not without challenges. Bulgaria and Romania, for example, gained membership with outstanding commitments and face post-accession monitoring in the areas of judicial reform, corruption, and organized crime (Vachudova 2009). For Roma rights, however, there is arguably no stronger top-down mechanism of change.

Accession requirements strongly reflect EU’s increasing concern for the Roma. In addition to adopting comprehensive anti-discrimination legislation, candidate states must also make changes to policy and practice. When evaluating compliance, the EU Commission visits Romani settlements and interviews local Roma as well as Roma rights experts regarding progress (Anonymous 2014). The visits and the resulting reports are crucial to both strategies of rights improvement. In the context of incentives, the reports evaluate compliance with the conditions, detailing the changes required before membership can be granted. In the context of norm promotion, they amplify reputational concerns by offering official praise or criticism by the Commission (Finnemore and Sikkink 1998; Kelley 2004). The information they provide is then available to third parties to further apply normative pressure.

Norm promotion of course extends beyond shaming strategies. The EU organizes numerous Roma rights initiatives (Baluh 2012; European Commission 2012b), actively engages with Roma rights advocacy networks (European Commission 2012a), and puts Roma issues on national, regional, and local agendas of candidate states. Activists describe the accession period as an “opening of space,” in which Roma rights become a part of a much larger international agenda and thus gain much needed legitimacy (Balažek 2012; Tudija 2012). Incentive-based and norm promoting strategies are therefore intertwined, and generally, scholars find the improved treatment of minorities in Eastern Enlargement states a success (Tesser 2003; Gelazis 2004; Kelley 2004; Vachudova 2005; Pridham 2008).
**Why EU accession may influence individuals**

Accession requirements include efforts to reduce individual-level discrimination against the Roma. Of forty-seven EU Commission reports on Bulgaria, Romania, Slovakia, Czech Republic, Hungary, Slovenia, and Croatia, thirty-six explicitly discuss discriminatory attitudes among citizens (European Commission 2014). Pressured to reduce ground-level discrimination, states and municipalities, generally with EU financing, engage in programming on anti-discrimination awareness and advocacy (Anonymous 2014). The “Police and Citizens” project, successfully carried out in Osijek-Baranja and Vukovar-Sirmium in Croatia and evaluated by the EU Commission is one example of such programming (Ministarstvo unutarnjih poslova 2006); countless others resulting in posters, ads, and brochures make EU’s efforts quite visible on the ground.\(^7\)

In addition to responding to programming, citizens may directly respond to EU’s expectations regarding minority protections. Accession to the EU is an extremely salient political issue. Immediately before Croatia closed accession negotiations, for example, 75 percent of one hundred randomly sampled Croats knew that human rights were among the conditions for entry, and 44 percent pointed out minority rights specifically.\(^8\) In fact, respect for human rights was identified more times than any other negotiation chapter; justice, freedom and security came as a close second, with 69 percent of participants identifying it as a requirement. Whether in response to programming or public discourse more generally, Croats knew that rights play a role in EU accession.

**Post-accession backsliding**

Roma rights experts claim that the accession process only temporarily reduces discrimination, which returns once the process is complete and the state named a member of

---

\(^7\)See Online Appendix at www.anabracic.com for a campaign sample.

\(^8\)Findings are part of this study.
the EU (Daniel 2010; Jovanović 2010; Oravec 2010; Tichy 2010). While findings regarding backsliding on accession reforms diverge (Meyer-Sahling 2008; Pridham 2008; Dimitrova and Toshkov 2009; Hollyer 2010; Levitz and Pop-Eleches 2010), the EU neither systematically monitors its member states with respect to Roma rights protection nor enforces the standards it sets for candidate states (De Witte 2003; Vachudova 2005). At the level of the individual, support for reforms and the resulting lack of backsliding is linked to the exposure of citizens to the desired policies in place in Western European countries (Levitz and Pop-Eleches 2010). Such positive exposure is much less likely in the context of Roma rights, however; instead of observing exemplary rights protection, citizens witness rights violations that range from refusing state entry to Roma visitors (United Kingdom) (ERRC 2001) to razing of settlements (Italy) (ERRC et al. 2008) and forced deportations (France) (Erlanger 2010).

With the absence of previously strong conditionality and evidence of discrimination in old EU member states, new members likely backslide in their respect for rights. The first hypothesis is therefore as follows:

**H1**: A state actively undergoing the EU accession process has lower levels of ground-level discrimination than a state not undergoing the process.

**Hypothesis II: Inclusive NGO Action**

NGO action that aims to eliminate discrimination by promoting intergroup contact (Allport 1954) is a mechanism that is neither as expansive nor as frequently used as incentives and norm promotion. Scholarship from psychology and political science, however, suggests that Roma/non-Roma interaction could help reduce prejudice and discriminatory behavior by non-Roma. Further, bottom-up efforts to eliminate deeply entrenched abusive practices can be successful where top-down measures fail (Mackie 1996).

Work on intergroup contact originally intended to capture the effects of contact on racial and ethnic prejudice and focused predominantly on the interactions between white and black Americans (Deutsch and Collins 1951). A seminal study from the American
South, for example, paired racially prejudiced white young adults to work with a black and a white co-worker on a railroad management project for a month (Cook 1971). After the study, the treated participants rated their black co-workers highly in competence, likeability, and attractiveness; several months later, the treated participants also expressed less racial prejudice than control subjects did.

Contemporary studies in psychology tend to be laboratory-based and generally suggest that intergroup contact reduces prejudice, often by reducing feelings of intergroup anxiety (Blascovich et al. 2001; Mendes et al. 2002; Blair, Park, and Bachelor 2003; Brown and Hewstone 2005). Psychologists also show that prejudice leads to discriminatory behavior (Schütz and Six 1996; Dovidio et al. 2004), and that an increase in intergroup contact results in a decrease in both prejudice and discriminatory intent (Wagner, Christ, and Pettigrew 2008). Moreover, intergroup contact effects tend to generalize beyond participants in the immediate contact situation; people who experience contact may change their attitudes towards the entire outgroup, outgroup members in other situations, and even outgroups not involved in the contact situation at all (Pettigrew and Tropp 2006).

Findings on intergroup contact are not conclusive, however. For example, whites’ affect towards blacks changes more easily than their beliefs about them (Jackman and Crane 1986). In addition, socio-economic status appears to offset race-based status differential, rendering whites’ attitudes less negative when their black friends have a higher than equal socioeconomic status. Elsewhere, higher levels of contact with black and Asian peers over four years led white students at a liberal arts university to solidify stereotyped perceptions of those minorities (Rothbart and John 1993).

Recent experimental evidence challenges these findings. First-year college students who were randomly (and non-randomly) assigned minority roommates show lower levels of prejudice, both short- and long-term. The effects persist across various combinations of ethnic groups, including those of only minorities (Laar et al. 2005; Boisjoly et al. 2006). Another study randomly assigned white teenagers to racially homogenous and heterogeneous
camping expedition groups. A month after the 2-3 week trip, the participants were surveyed over the telephone; the white teenagers assigned to the heterogeneous group described themselves as less prejudiced than participants from the homogeneous group did, and reported significantly lower levels of anti-black and anti-gay sentiment (Green and Wong 2009).

Although evidence in favor of intergroup contact is not consistent and much of it is laboratory-based—and thus at risk of being too far removed from every-day interactions (Paluck and Green 2009)—the findings strongly suggest that Roma/non-Roma contact could lead to reducing prejudice at the level of the individual.

NGOs present one possible environment for activities that facilitate Roma/non-Roma interaction. While many Roma rights NGOs came into existence during and after transition in Central and Eastern Europe, few actively promote intergroup contact. Chiefly, NGOs focus on service provision; their second most likely focus is Roma rights advocacy. As Romani communities are in want of both services and rights advocacy, NGOs aiming to promote intergroup contact face challenges in obtaining funding (Anonymous 2013).\(^9\)

Lab-based evidence and extant experimental work, however, suggest that it is precisely those efforts that can lead to a decrease in prejudice and discrimination at the level of the individual. The second hypothesis is therefore as follows:

**H2**: Effective ground level organizing aimed at improving Roma/non-Roma relations reduces discrimination against the Roma.

It was impossible to test the two hypotheses without collecting original data. To

\(^9\)In addition to the NGO included in this study, I have been able to identify only two others that focus on intergroup contact. One, Vzájemné Soužití, supports an artificially integrated Roma/non-Roma community in Ostrava, Czech Republic. The other, Policy Center for Roma and Minorities from Ferentari, Romania, promotes contact among Roma and non-Roma children through alternative education and soccer.
avoid ethnic stereotyping, most Eastern European states no longer collect data based on ethnicity; if they do, the data are not available to the general public (Daniel 2010; Tichy 2010; Hojsik 2010; Ripka 2010). Even the most basic population counts of Roma are grossly inconsistent: while rights activists tend to overestimate population counts, official estimates are often too low, resulting in gaps as wide as 2.5 million people (Romania, Barany 2002). Since systematic and reliable cross-time quantitative data on individual-level discrimination against the Roma are unavailable, I constructed an original measure of discrimination, described after the section on case selection.

Case Selection

I measured discrimination levels in two overlapping pairs of towns, one pair per hypothesis. While differing on the crucial covariate—EU accession process or inclusive Roma NGO activity,—the two town pairs match closely on a set of factors that may influence human and Roma rights, at state, regional, and town levels. To select the towns I performed nearest neighbor matching (Ho et al. 2007a, 2007b; Nielsen 2014), using seven covariates, on all towns in Slovenia and Croatia that did not experience war violence in the Yugoslav wars in the early 1990s (The Central Intelligence Agency 2002) and have a Roma population of at least 50. I excluded locations that experienced war violence in order to control for the aftermath of ethnic contention that may have been more, though not uniformly, present.

10As I was looking to find only a few closely matched pairs, but had cases that varied too much to merit exact matching, I used the “greedy” matching method of nearest neighbor matching in MatchIt (Ho et al. 2011). This method finds the closest control match for each treated unit one at a time, and was therefore more appropriate than methods that seek to minimize average absolute distance across all pairs.

11I excluded locations with fewer than 50 Roma because I needed 50 Roma participants from each location.
in certain Croatian locations.\textsuperscript{12}

Of the seven covariates used in matching, town population, Roma inhabitants as proportion of total population, and ethnic majority as proportion of total population were used to achieve balance in town sizes and their ethnic compositions. Proximity to Slovene/Croat border and a tri-border region dummy (Hypothesis I) were included as an additional control for variation in proximity to outgroups. People from borderlands are significantly more likely than inlanders to have contact with people across the border (Mirwaldt 2010), which may increase the saliency of ingroup sentiment (Mirwaldt 2010; Branton et al. 2007). Ingroup favoritism can, in turn, give rise to intergroup discrimination irrespective of attitudes toward specific outgroups (Brewer 2007). Controlling for increased proximity to a border therefore accounts for a potential source of variation in intergroup discrimination more generally.

A regional capital dummy was included as a proxy for resources and institutional capabilities at the municipal level, both general and those pertaining to the Roma. Of the twenty-four Slovene municipalities in which Roma live, for example, only four have a municipal strategy for addressing the needs of their respective Roma communities (Vlada RS 2014). Both regional capitals in the sample have such a strategy. Finally, dummies for the EU accession process (Hypothesis I) and inclusive Roma NGO action (Hypothesis II) selected for the two main categories tested.

The pair of towns used to test Hypothesis I was selected first; the pair used to test Hypothesis II was selected second. To test the two hypotheses with the lowest possible number of subjects, participants were recruited from three towns; data from one town is therefore used to test both hypotheses. Matching singled out Čakovec in Croatia and Murska Sobota in Slovenia as the best pair to test Hypothesis I; Murska Sobota and Novo mesto, \textsuperscript{12}Anti-Roma sentiment was not central to wartime ethnic strife, but current prejudice may be heightened by residual nationalist sentiment.
also in Slovenia, were selected as the best pair to test Hypothesis II (see Figure 1 for a map). Beyond the factors used in matching, the locations match on 38 additional relevant characteristics. The remainder of this section first discusses how the towns differ on the crucial covariates, and then lists the shared characteristics.

[Figure 1 about here]

**Hypothesis I: The EU Accession Process**

A meaningful study of discrimination in the context of EU accession and membership would necessarily span several years if limited to one country. To test Hypothesis I within a short time span, I looked at cross-sectional snapshots of discrimination in towns of which one was undergoing the accession process and the other had already completed it. As Roma rights experts strongly emphasized that any beneficial effects of the accession process were short lived, I constructed Hypothesis I and chose the towns with the aim of evaluating that claim. Conclusions drawn from this test will therefore speak to levels of discrimination in the context of EU accession and membership, but will not speak to discrimination in the pre-accession stage.

At the end of June 2011, the EU closed negotiations for membership with Croatia (European Commission 2011). Chapter 23, the negotiation chapter most relevant to Roma rights, was among the last three to be closed (European Commission 2010); in early summer 2011, when Croatia was still reminded of the challenges faced by the Roma minority in the context of accession negotiations, this project was already in place. I was therefore able to capture people’s attitudes towards the Roma during a particularly critical period: when Croatia’s treatment of Roma rights was among the last few things keeping Croatia from the EU.\(^\text{13}\) For reasons listed below, the cleanest and most compelling cross-national comparison

\(^{13}\)For a discussion on how significant progress tends to happen towards the end of the
to a town in Croatia is a town in its northern neighbor, Slovenia. Slovenia acceded to the EU in 2004 and, since accession, has experienced little pressure, if any, to improve its treatment of the Roma (Vachudova 2005).

Hypothesis II: Inclusive NGO Action

Testing Hypothesis II, on the other hand, utilizes a within-country design. Novo mesto and Murska Sobota in Slovenia see different types of Romani NGO action.

Roma NGO activity in Murska Sobota aims to improve Roma/non-Roma relations and is inclusive: it effectively engages the non-Roma just as much as it engages the Roma. For example, fairly early in its tenure Romani Union - Zveza Romov in Murska Sobota began organizing events that would improve local awareness and relations between Roma and non-Roma. Initially, it was challenging to convince local non-Roma that the events are intended for all, but the organization succeeded in 1992 with Ciganka noč (“Gypsy night”), an annual concert of Romani music and dances that traditionally evolves into a lively party (Horvat-Muc 2010; Sandreli 2012). Once that barrier was breached, non-Roma began attending book launches, plays, workshops and the Romani summer camps as well. A sister organization runs a Romani radio, Radio Romic, and there, too, non-Roma listeners are invited to tune-in. Connecting Roma and non-Roma through culture and awareness is the organizations’ chief objective, which they have apparently attained. Not only do Roma and non-Roma attend the events together, but the number of non-Roma among event

14An additional and possibly vital characteristic of organizing in Murska Sobota is that Roma and non-Roma are always presented as equal. Instead of generally proclaiming that the Roma need help, the organization demonstrates the ways in which, while equal, they are different and interesting. Entering the contact situation with equal status may additionally reduce bias (Moody 2001).
participants and radio listeners recently surpassed the number of Roma (Sandreli 2012). As it connects Roma and non-Roma in a friendly, non-threatening context, Romani Union likely lowers Roma/non-Roma anxiety—doing precisely what recent literature on contact, intergroup anxiety, and prejudice finds particularly effective (Page-Gould, Mendoza-Denton, and Tropp 2008; Davies et al. 2011).

Romano Veseli in Novo mesto, in contrast, is a service provision NGO and generally does not address relations between Roma and non-Roma. The organization has a very strong presence in the Romani communities and focuses on socio-economic aid provision and efforts related to education of both Romani children and adults (Tudija 2012). Aside from an occasional volunteer, non-Roma are not involved in the organization’s activities. The leading activist is well known and respected among the Roma in Novo mesto, however; every randomly sampled Romani subject who participated in the study was able to identify her by name and many profusely praised her efforts. The organization in Novo mesto is of somewhat lower capacity than that in Murska Sobota, but is growing.

Identification

As neither was randomly assigned, expansive inclusive organizing in Murska Sobota and somewhat less expansive non-inclusive organizing in Novo mesto suggest an omitted variable bias, namely the possibility that any difference in discrimination today and the scope and type of organizing in each town could be related to a difference in respect for Roma rights prior to organizing. The possibility of bias is weakened, however, by several decades of Yugoslav policies on minorities and, more importantly, of equality in employment imposed upon all citizens (Šiftar 1989; Baluh 2012). Before Romani organizing began in Murska Sobota in early 1991 (Horvat-Muc 2010), the Romani experience—ranging from kindergarten (Tancer 1997; Horvat-Muc 2011b; Balažek 2012) and primary school attendance (Šiftar 1989; Tancer 1997) to a severe drop in employment (Šiftar 1989; Balažek 2012; Klopčič 2012)—in the two towns was as similar as ever.
Further, the non-random assignment of the type of organizing in Murska Sobota and Novo mesto also suggests a possible endogeneity problem, namely that the activists from both towns might have chosen their foci because they believed that those would be effective while any others would be ineffective in their respective towns. Extensive interviews with the leading activists, however, suggest that this is not the case. Activists in Murska Sobota focus strongly on Roma/non-Roma relations because they are themselves passionate about the issue and have been so from the very start (Horvat-Muc 2011b; Sandreli 2012). Likewise, activists in Novo mesto focus on providing socio-economic and educational aid because they believe it to be by far the most important cause (Tudija 2012). The choice of focus appears entirely driven by the idiosyncracies of the NGO leaders’ personalities and preferences, rendering the assignment of inclusive organizing almost “as if” random. This substantially mitigates endogeneity concerns.

To establish the extent to which the non-Roma population of each town is familiar with local Romani organizing, I asked 100 randomly sampled non-Roma from each town to identify it. Forty-six percent of randomly surveyed individuals in Murska Sobota were familiar with local Romani NGO action.\textsuperscript{15} In Novo mesto, only two percent were familiar with the same. This finding confirms the expectation from comparing types of organizing in Murska Sobota and Novo mesto: activism in Murska Sobota reaches almost every other individual from the non-Roma population, whereas activism in Novo mesto—understandably—reaches only a few. In testing the effectiveness of inclusive organizing at the ground level, Novo mesto is therefore a suitable counterpart to Murska Sobota.

\textsuperscript{15}This number only captures individuals sufficiently in contact with the NGO to know its name and purpose. It does not include (1) individuals who attended NGO events like the cultural festival without knowing that the NGO organized them or (2) individuals who may have adopted attitudes or behaviors of those in their proximate social network who were themselves among the 46 percent directly reached by the NGO (see Sinclair (2012)).
Factors common to the test locations

While the towns differ on the crucial covariates, they match very closely on the state, regional, and local characteristics that most strongly influence human rights generally and Roma rights specifically, ranging from average income to bigotry in the media. National and EU laws regarding Roma rights are self-evidently the same in Novo mesto as in Murska Sobota, as are state level factors that may have historically shaped the relationship between Roma and non-Roma. The match of Murska Sobota and Čakovec at the state level, in turn, is very close. Most importantly, the locations match on the level of Roma rights protections, both before accession and while I collected data for this project (2011/2012). Before accession, police brutality against the Roma was observed a few years prior to accession in both states (Slovenia 2000, Croatia 2010). Discrimination in education, employment, difficulties in housing, and societal maltreatment were consistently present in both states - before accession (Slovenia 2000-2003, Croatia 2009-2012), right after (Slovenia 2005, Croatia 2014), and during data collection (Slovenia 2011/2012, Croatia 2011). Table 1 lists the factors common to the locations.

Table 1 lists the factors common to the locations.

Measurement

Games

Between the summers of 2011 and 2012, I collected data to construct an original measure of discrimination at the ground level dimension of everyday relationships between Roma and non-Roma in Čakovec, Murska Sobota, and Novo mesto. Common transgressors—police officers, bureaucrats and teachers—are individuals whose anti-Roma sentiment may manifest itself differently based on the circumstances of their interaction with Roma. As

16All facts attributed to the respective U.S. Department of State Human Rights Reports.
directly recording rights violations that Roma may experience in seeking employment or health care, in detention or in prison is not possible, the measure instead targets the root of discrimination. It casts a wider net and aims to capture the basic, visceral, and quotidian discrimination upon which such various violations are frequently based.

Data on discrimination were collected through simple games that have been shown to demonstrate risk preferences and other-regarding behavior. The games measured (1) risk preferences (lottery) (Holt and Laury 2002), (2) altruism (dictator game) (Hoffman et al. 1994), (3) trust in one’s community members (trust game) (Berg, Dickhaut, and McCabe 1995), and (4) trustworthiness with respect to one’s community members (trust game). The chief rationale for using the games was the difficulty of measuring individual levels of discrimination. People may not admit to racist preferences if asked directly; in fact, participants in both Croatia and Slovenia often agreed to participate on the grounds that no personal questions would be asked, but did not mind the game set-up.¹⁷

In the trust game subjects were assigned to play the role of a sender or a receiver and were then randomly and anonymously paired with a partner. Both sender and receiver began the game with an identical endowment. The sender chose how much of the endowment to share with the receiver, knowing that the amount sent would be doubled and that the receiver would have the chance to return to the sender a portion of his total amount. The doubled amount was then given to the receiver. The receiver decided how much of his total amount—that is, his initial endowment plus the doubled amount—to send back. The amount sent was used as a measure of trust and the amount returned as a measure of trustworthiness.

¹⁷While the trust game involves an actual interaction between two people, it is nonetheless a simulation of a real-life situation. Whether the game captures discriminatory intent or merely prejudice may be up for debate, but the issue is not dispositive. Both experimental (Dovidio 2004) and longitudinal (Wagner 2008) analyses demonstrate that the two are closely connected, and that prejudice is causally linked to discriminatory behavior.
Subjects were randomly paired to play the trust game with an anonymous randomly chosen Roma or non-Roma partner from their community. The treatment was delivered in person: subjects were told that their partner was randomly chosen and anonymous, either Roma or non-Roma, and that there would be no direct interaction with the partner. Whether the participant received a treatment or a control condition was determined beforehand with a coin toss. Subjects’ decisions were confidential and made in private.

The trust game played for a monetary sum is exceptionally suitable as a measure of discrimination because negative stereotypes and general dislike of the Roma are largely based on distrust regarding money. Roma are universally stereotyped as cheaters and thieves (Šiftar 1989; Scicluna 2007). Historically, they have been wrongfully accused of stealing even children (Hancock 2002); today, people still say “I feel gypped” and frequently think nothing of it. Exploiting this sentiment, the trust game elicits a gut response, from a non-Roma, to not send money to a Roma partner because that partner would not send anything (or enough) back. Accordingly, the primary quantity of interest was the difference between the trust that non-Roma exhibited in interactions with Roma and that which they exhibited in interactions with non-Roma.

This method was well received in Romani communities from Slovenia, Croatia, and Romania. Numerous activists were disinclined to trust answers given by non-Roma in response to survey questions on discrimination, but enthusiastically endorsed the trust game. They found that it appropriately captures the sentiment that motivates discrimination they experience in their daily interactions with non-Roma, and appreciated its ability to

---

18The expected total payoff from the three games, for one subject, was approximately 60% of a daily wage, in Slovenia approximately the equivalent of €16 and in Croatia of 106 kuna.

19Conversations with staff at Romani Union-Zveza Romov (Murska Sobota) and Romani CRISS (Bucharest); interview with Željko Balog; conversation with interested Roma in the Sitnice settlement.
elicit a discriminatory response without directly asking a non-Roma whether or not she discriminates.

The lottery and the dictator game were included to control for characteristics that likely influence subjects’ responses in the trust game and might confound the results. A highly altruistic person may, for example, offer more money in the trust game, but not necessarily because she trusts her potential partner (Cox 2004). Likewise a risk-loving person might offer a large sum because of the thrill, not trust (Schechter 2007; Eckel and Wilson 2004).

Non-Roma subjects participated individually, in their homes. Roma subjects participated individually in several central locations, including an NGO common room, a kindergarten, and several homes. Participation generally lasted between 10 and 20 minutes.

Participation began with reading and signing the consent form, continued with the three games, and concluded with a short exit survey. The survey asked general questions concerning the age, gender, education, income bracket, the nationality and ethnicity of the participant, as well as two questions on the EU accession process. Participants were asked if they had heard about this study or the games before; if they answered yes, they were asked to specify when and in what context. If they heard about the games from a person who had

20Participation protocols differed from the standard delivery of the trust game in order to allow individual and private decision-making. I avoided playing the trust game in a group to protect subjects from likely contention. The game was played sequentially: first, all senders made decisions; the receivers followed. Subjects played the games with cash. They sealed the sum they sent to their partner in an envelope, wrote their unique and confidential identifier on the envelope, and deposited the envelope in a closed box with a slot. They were alone when making decisions and knew that the person handling the contents of that box would have no way of identifying them. See the Online Appendix for protocol details.
participated, they were removed from the sample.\textsuperscript{21}

\textit{Stratified Random Sampling}

The random population sample consisted of 202 subjects from each town.\textsuperscript{22} Simple random sampling was used to draw participants from the two strata, the non-Roma general population and the Roma general population. The Roma community was oversampled because it is substantially smaller. All streets in the town or the Romani settlement were numbered and re-ordered based on a random number sample. Participants were recruited from the chosen streets - one person from each house, with a systematic iteration between genders. Any individual over the age of 18 was eligible to participate in the study. The response rate was approximately 60 percent.\textsuperscript{23} In total, 606 people from the general population participated in the games, 202 from each town.\textsuperscript{24}

\textbf{Results}

The results can be summarized as follows. First, non-Roma from the EU candidate town discriminated against the Roma, while non-Roma from the EU member town just

\textsuperscript{21}Two subjects were excluded on this basis.

\textsuperscript{22}For a moderate effect size (around 0.25) and a power of 0.8, I required 50 subjects per treatment to find a statistically significant difference at the 5 percent level. This demanded 200 subjects per town: 100 non-Roma senders of which half were paired with 50 non-Roma receivers and half with 50 Roma receivers. See Cohen (1988).

\textsuperscript{23}Research teams attempted recruiting at a house on a selected street three times. The Statistical Office of the Republic of Slovenia reports response rates that range from 60 to 80 percent; rates vary with the topic of the survey (Lah, Rutar, and Svetin 2011; Remec 2005). I thank Matej Divjak from the Office for his consultation regarding response rates.

\textsuperscript{24}Two people decided to withdraw from the study shortly after participating, one from Murska Sobota and one from Čakovec.
across the border did not. Second, non-Roma from the town with inclusive organizing did not discriminate against the Roma, but non-Roma from the town with non-inclusive organizing did.

As this paper discusses levels of discrimination against the Roma in Slovenia and Croatia, I focus on the behavior of the subjects who were senders in the trust game—in total, 303 randomly chosen individuals. The main quantity of interest—the dependent variable in the model—is the amount participants sent to their respective partners in the trust game. As the currencies in which participants were playing were not the same, the relevant variables are coded as proportions of total endowment.

Figure 2 presents the average proportion of total trust game endowment that senders in each town sent to Roma and non-Roma partners. The figure shows a negligible average treatment effect in the case of the EU member (Murska Sobota), where senders on average sent 57 percent of their endowment to non-Roma and 58 percent to Roma partners, a statistically insignificant difference-in-means. The average treatment effect in the EU candidate (Čakovec), on the other hand, is statistically significant ($p < 0.05$). Senders there sent 75 percent of endowment to non-Roma and 65 percent to Roma partners.

Figure 2 also shows that senders from the non-inclusive NGO town (Novo mesto) on average sent 73 percent of endowment to non-Roma and 59 percent to Roma partners (the average treatment effect is statistically significant at $p < 0.05$). In contrast, senders from the inclusive NGO town (Murska Sobota) on average sent almost the same proportion of their endowment to Roma and non-Roma partners.

Regression analysis provides further insight. The appropriate specification for a model in which the dependent variable is a proportion is a generalized linear model with the binomial variance and the logit link function (Papke and Wooldridge 1996; McDowell and

---

25Table 4 in the Online Appendix summarizes key variables for senders.
To estimate the treatment effect, the model includes interaction terms between the control function and the treatment variable (\textit{Roma}) (Morton and Williams 2010). Since partner ethnicity in the trust game was randomly assigned within each town, the observations were accordingly weighted.\footnote{The results are substantively unchanged using an ordinary least squared or a tobit regression. Results available upon request.}

Table 2 presents results from the model that includes the lottery chosen, the proportion of the endowment sent to the family in need in the dictator game, town dummies, and the main population controls—age group, gender, education level and income bracket—as well as the interaction terms between these covariates and the treatment (\textit{Roma}) as independent variables.\footnote{As each town was treated as a block, each treated observation (sender partnered with a Roma receiver) was weighted by the inverse of the proportion of subjects in its block (town) who were assigned to the treatment condition and each control subject was weighted by the inverse of the proportion of subjects in its block who were assigned to the control condition (Gerber and Green 2012).}

Conditional marginal effects demonstrate the effect on the predicted mean proportion of the total endowment sent in the trust game as partner ethnicity changes from

\footnote{Numerous iterations of the model were run, with various numbers and combinations of control variables. The findings are robust to all additions. Some iterations controlled for author’s presence on the research team. This control variable is consistently insignificant. Moreover, the results presented here are from a pooled analysis. Findings from analyses where the relevant towns are compared in pairs are substantively unchanged. All results are reported in the Online Appendix (Tables 5 and 6).}
The marginal effect for Murska Sobota is not statistically significant: essentially, there is no evidence that a randomly chosen sender from Murska Sobota would send any less or any more to a Roma partner than she would to a non-Roma partner. In Čakovec, on the other hand, the change in the proportion of the endowment sent is statistically significant \((p < 0.01)\). A randomly chosen sender from Čakovec (EU candidate) would send about 30 percent less to a Roma partner than to a non-Roma partner. The marginal effect is also statistically significant in the case of Novo mesto (non-inclusive NGO). There, too, a randomly chosen sender would on average send 30 percent less to a Roma partner \((p < 0.01)\).

Curiously, senders from Čakovec and Novo mesto on average sent more to their partners than did senders from Murska Sobota. They also sent substantially more to non-Roma receivers, clearly exhibiting in-group favoritism (Hewstone, Rubin, and Willis 2002). In-group favoritism is a manifestation of discrimination generally seen as a milder form of bias when not connected to outright out-group derogation (Brewer 1999). In the case of study participants from Novo mesto and to a lesser extent from Čakovec, however, out-group derogation was present as well.

\[\text{29} \text{The conditional marginal effects were calculated using the } \textit{margins} \text{ command in Stata, with control covariates held at their means.} \]

\[\text{30} \text{While the match between Murska Sobota and Čakovec is superior, some information can nonetheless be gleaned from comparing Čakovec and Novo mesto. Comparing the two suggests that neither the accession process nor 8-year-long EU membership alone produce a discrimination-free environment on the ground.} \]

\[\text{31} \text{Similarly, in the dictator game senders from Murska Sobota sent significantly less to the anonymous local family in need than did senders from Čakovec and Novo mesto (on average donating 70, 87 \((p < 0.01)\), and 83 \((p < 0.05)\) percent of their endowment, respectively). This discrepancy suggests a higher average level of social capital in Čakovec and Novo mesto.} \]
Unexpectedly, participants offered unsolicited statements regarding the Roma. In most cases the statements were given after or during the exit survey; a few participants commented on the Roma during the trust game. One participant, tellingly, mistook a research team for a pair of Roma going door to door asking for money. We received comments from senders paired with Roma and non-Roma alike; whether or not they were assigned the treatment had no effect on the substance of the comments. Thirty-six percent of senders from Novo mesto made comments; one percent was positive, eleven percent were neutral and twenty-four percent were negative. The most remarkable comment included a half-joking threat that “we will send a couple of bus-loads of our Roma to your hometown and you’ll see what it’s like.” Unsolicited statements were not nearly as common in the other two towns. In Murska Sobota, one subject remarked upon receiving the treatment that she did not see why it would matter that her partner was a Roma or a non-Roma. In Čakovec we received three negative comments; the most remarkable, “The hell will he send,” referred to the possibility that a Romani partner may return some of the endowment to his partner in the trust game.

A concern arises in light of these findings. Senders from Čakovec and Novo mesto might have sent less to Roma partners because the Roma in Čakovec and Novo mesto are actually less likely to reciprocate in such a context, compared to the Roma in Murska Sobota. A comparison of responses by Romani receivers, however, indicates that this is not the case. There is no statistically significant difference between what the Roma from all three locations returned to their partners, as a proportion of the total pot. The Roma played consistently.

These findings have three implications. First, the EU accession process does not necessarily lower discrimination such that it will be lower in an accessing state than in an EU member. Second, discrimination can be remarkably low, even absent, in an EU member state. Third and finally, inclusive organizing that aims to improve Roma/non-Roma relations helps reduce ground level discrimination.

A few caveats are in order. Crucially, the findings do not assess the absolute ground
level effect of the EU accession process. The sample does not include observations from a location that has not yet been affected by the accession process or one that is entirely outside the purview of the EU. Without such a baseline, an evaluation of the efficacy of the process as a whole is nearly impossible to make. Therefore, while the findings demonstrate that the EU accession process does not necessarily lower ground level discrimination below that in an EU member, they do not address the claim that the EU accession process as a whole is ineffective in reducing ground level discrimination against the Roma.

Next, while the results demonstrate that discrimination can be remarkably low in an EU member state, this is not universally the case. It is abundantly clear that many Roma who live in EU member states, Eastern and Western, do not consistently enjoy enviable rights and equal treatment. At the state level, French deportations of immigrant Romani populations are self-evidently intolerant (Erlanger 2010), as are Italy’s efforts to destroy makeshift dwellings in settlements outside Milan (ERRC et al. 2008). Hateful acts inspired by personal bigotry range from creating fictional administrative barriers that impede obtaining social benefits (State Department 2009a) to participating in impromptu (State Department 2009b) or planned (State Department 2007) demonstrations that usually take place in Romani settlements and frequently involve Molotov cocktails (Tkach 2010). To this collection of specific events, this study adds statistically significant evidence that ground-level discrimination can still exist within EU member states, and that it varies within countries, likely at the town level.

Finally, the results do not ensure that we would observe the same effect of inclusive Roma organizing throughout the EU space or beyond it, or that we would observe the same if inclusive organizing were randomly assigned. They also do not speak conclusively to the degree of a direct link between the EU and Roma organizing. Roma issues are a high priority within the EU space (European Commission 2015). In the context of violence against women, the combination of local autonomous feminist activism and regional or international normative mechanisms is remarkably effective at spurring change (Htun and Weldon 2012).
Drawing on that, and considering the depth of EU involvement in the transnational Roma advocacy network, possible EU effects cannot be ruled out. Activists and experts from across Slovenia, however, are divided on the depth and importance of the EU in local organizing (Tahirović 2011). Some claim that the EU plays a strong role in motivating activists (Klopčič 2012; Balažek 2012), while others maintain that its role is negligible (Horvat-Muc 2011b; Rošer 2011). Whether or not the EU, in any form, is the primary driver behind the observed lack of discrimination is at present uncertain, and more work is required to clarify that relationship.\textsuperscript{32} In the meantime, the absence of animus in Murska Sobota is striking.

This finding speaks to a facet in the literature on the promotion of human rights norms (Sikkink 1993; Brysk 1993; Keck and Sikkink 1998; Khagram, Riker, and Sikkink 2002) that focuses on softening the public mood (Amenta et al. 2010). The result thus contributes to scholarship that establishes the necessity of a local presence in norms promotion (Htun and Weldon 2012; Murdie and Davis 2012), and offers a clarification: not just any type of organizing will do. That does not mean that the only type of local action that helps improve human rights is inclusive organizing; rather, it means that local action ought to be tailored to its target audience. In targeting individuals from Murska Sobota, inclusive organizing appears to be appropriate.

Focusing on the behavior of individuals, this finding also bears upon literature in psychology on contact, prejudice, and discrimination. Crucially, and unlike those in many psychological studies, the subjects in this study were not treated with direct contact during the course of participation. The study instead offers an assessment of long-term intergroup contact—as it develops naturally on the ground—as a measure intended to reduce discrimination, and so provides a link between scores of convincing results from inter-group interactions in laboratory settings and theories of human rights norm promotion.

\textsuperscript{32}Neither the NGOs nor the Slovene Office for National Minorities were forthcoming with records of financial support given to the NGOs in Murska Sobota and Novo mesto.
Conclusion and future directions

The main contribution of this article lies in its original micro-level data about human rights behaviors, and its exploration of how that data link to broader human rights institutions. This study finds no support for the idea that a macro-level combination of incentives and norms, in the form of EU accession, temporarily reduces individual-level discrimination against the Roma. It does, however, provide support for the hypothesis that ground level organizing geared towards improving Roma/non-Roma relations, a micro-level process, helps reduce discrimination.

Questions remain. Is the effect of ground level organizing observed in Murska Sobota generalizable? Would we observe a similar effect if the treatment of local level organizing or a simulation thereof were randomly assigned? Would non-Roma from a town entirely outside the purview of the EU discriminate against the Roma? Would non-Roma from such a town exhibit non-discriminatory attitudes if the town had strong local level organizing like that in Murska Sobota? Do these findings generalize to other groups that face discrimination, elsewhere?

These unresolved questions urge us to dig deeper. Much research remains to be done on the effects of macro- and micro-level processes on human rights outcomes. Recent focus on police brutality in the US and in Brazil demands research in which individual abuses, individual perpetrators, and institutions intended to curb them are systematically examined. As human rights monitors recognize more types of violations as abuse, scholars must examine them as well. We might explore if and how human rights institutions lead to improved prison conditions, or how they reduce the number of hate crimes. We might ask: do individuals respond differently to nascent human rights norms based on how many people support them? Are local advocacy groups more successful at persuasion than established international NGOs? In answering some of these questions, gathering original data and taking advantage of natural or quasi experiments might help scholars overcome the natural
scarcity of human rights data.⁴³

With respect to the Roma, this study helps illuminate the relationships between people of Europe’s largest ethnic minority and of two European nationalities. The findings suggest that Roma inclusion strategies ought to include those that aim to promote friendly contact between Roma and non-Roma. Most current groups focus justifiably on improving Romani access to education, employment, healthcare, and eliminating various other injustices; there are very few organizations that focus on intergroup contact. Discrimination at the level of the individual, however, is at the heart of many violations; barriers to employment or access to social services can often be traced to bigoted individuals acting with impunity. Intergroup contact offers one avenue towards eliminating individual bigotry; coupled with other interventions, contact strategies could lead to sustainable improvement. Developing and funding such strategies is therefore an obvious next step in Roma inclusion efforts.

⁴³See Dunning (2012) for a an extensive overview of such methodology in political science and related disciplines.
References


Dimitrova, Antoaneta, and Dimiter Toshkov. 2009. “Post-accession Compliance between Administrative Co-ordination and Political Bargaining”. In Frank Schimmelfennig and Florian Trauner (eds.), Post-accession compliance in the EU’s new member states, European Integration online Papers 13:1–18.


Hancock, Ian F. 2002. *We are the Romani People*. Hertfordshire: University of Hertfordshire Press.


Figure 1: A map of the three towns.
Figure 2: The average proportion of total endowment sent to partner in the trust game, by town and partner’s ethnic identity. The difference-in-means or average treatment effect is statistically significant where marked. The average treatment effect in the case of the EU member (Murska Sobota) is negligible, while the average treatment effect in the EU candidate (Čakovec) is statistically significant ($p < 0.05$). The average treatment effect is also statistically significant at $p < 0.05$ in the non-inclusive NGO town (Novo mesto), but is not statistically significant in the inclusive NGO town (Murska Sobota).
Table 1: Factors common to the test locations

<table>
<thead>
<tr>
<th>Factor</th>
<th>Čakovec, Croatia</th>
<th>Murska Sobota, Slovenia</th>
<th>Novo mesto, Slovenia</th>
</tr>
</thead>
<tbody>
<tr>
<td>regional capitals</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>largest Romani population in region</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma as percent of town population&lt;sup&gt;a&lt;/sup&gt;</td>
<td>3.59</td>
<td>2.27</td>
<td>1.2-2.8</td>
</tr>
<tr>
<td>distance from Slovene/Croatian border (miles)</td>
<td>10</td>
<td>10</td>
<td>10</td>
</tr>
<tr>
<td>between 20,000 and 30,000 inhabitants</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma in town over 200 years&lt;sup&gt;b&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>vast majority of Roma in isolated settlement&lt;sup&gt;c&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma represented in local governments&lt;sup&gt;d&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Romani NGOs present</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>primary school curricula omit Roma&lt;sup&gt;e&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma as percent of state population&lt;sup&gt;f&lt;/sup&gt;</td>
<td>0.18</td>
<td>0.19</td>
<td>0.19</td>
</tr>
<tr>
<td>Yugoslavian inclusive ethnic tolerance policies&lt;sup&gt;g&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Yugoslavian rights restrictions</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>parliamentary democracy</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>2011 average regional monthly income in US $&lt;sup&gt;h&lt;/sup&gt;</td>
<td>1,169</td>
<td>1,927</td>
<td>2,176</td>
</tr>
<tr>
<td>EU comparative price level index score&lt;sup&gt;i&lt;/sup&gt;</td>
<td>73</td>
<td>85</td>
<td>85</td>
</tr>
<tr>
<td>rise in intolerance during transition&lt;sup&gt;j&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>all core human rights treaties ratified&lt;sup&gt;k&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>membership in comparable number of INGOs&lt;sup&gt;l&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1 year before EU bid Roma integrate poorly in schools&lt;sup&gt;m&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>1 year before EU bid Roma program adopted&lt;sup&gt;n&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma program focuses on education&lt;sup&gt;n&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma not recognized as a nation</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma recognized as an ethnic minority&lt;sup&gt;o&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>percent Roma employed 1 year before EU bid&lt;sup&gt;p&lt;/sup&gt;</td>
<td>17.1</td>
<td>17</td>
<td>17</td>
</tr>
<tr>
<td>press bigoted when referring to Roma&lt;sup&gt;q&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>no extrajudicial killings 4 years before accession&lt;sup&gt;r&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>no political imprisonments 4 years before accession&lt;sup&gt;r&lt;/sup&gt;</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>
Table 1 continued: Factors common to the test locations

<table>
<thead>
<tr>
<th>Factor</th>
<th>Čakovec, Croatia</th>
<th>Murska Sobota, Slovenia</th>
<th>Novo mesto, Slovenia</th>
</tr>
</thead>
<tbody>
<tr>
<td>no arbitrary arrests 4 years before accession</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>police brutality against the Roma 3 years before accession</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>pre-accession incomplete Roma political representation at the state level</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>pre-accession Roma discrimination and segregation in education</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>pre-accession Roma discrimination in employment</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>pre-accession Roma societal discrimination</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>no extrajudicial killings or political imprisonments in 2011/2012</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>no arbitrary arrests or police brutality against the Roma in 2011/2012</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>incomplete Roma political representation at the state level in 2011/2012</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Roma discrimination and segregation in education in 2011/2012</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>employment and societal Roma discrimination in 2011/2012</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>comprehensive anti-discrimination legislation adopted (year)</td>
<td>2008</td>
<td>2007</td>
<td>2007</td>
</tr>
<tr>
<td>regions border one another</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hungarian minority in region</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
<tr>
<td>Hungarian rule during Austro-Hungarian empire</td>
<td>✓</td>
<td>✓</td>
<td>✓</td>
</tr>
</tbody>
</table>

Table 2: Effect of game partner ethnicity (Roma or non-Roma) in Croatia and Slovenia on the amount sent in the trust game - generalized linear model with weighted data

<table>
<thead>
<tr>
<th>Independent variables</th>
<th>Coefficients (SEs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roma dummy</td>
<td>-0.301 (0.993)</td>
</tr>
<tr>
<td>Čakovec</td>
<td>0.603 ** (0.260)</td>
</tr>
<tr>
<td>Čakovec x Roma</td>
<td>-1.122 *** (0.413)</td>
</tr>
<tr>
<td>Novo mesto</td>
<td>0.592 ** (0.289)</td>
</tr>
<tr>
<td>Novo mesto x Roma</td>
<td>-1.135 *** (0.400)</td>
</tr>
</tbody>
</table>

Number of observations 279

*p < .1; ** p < .05; *** p < .01; standard errors in parentheses.

Table listing the coefficients and standard errors of control covariates is in the Online Appendix (Table 5).