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Working Paper A Comment on "Interregional Contact and the Formation of a Shared Identity"

I4R Discussion Paper Series, No. 219

Provided in Cooperation with: The Institute for Replication (I4R)

Suggested Citation: Foutelet, Adrien; Jang, Bo-Yeon; Medellín-Esguerra, María (2025) : A Comment on "Interregional Contact and the Formation of a Shared Identity", I4R Discussion Paper Series, No. 219, Institute for Replication (I4R), s.l.

This Version is available at: https://hdl.handle.net/10419/315046

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No. 219 I4R DISCUSSION PAPER SERIES

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April 2025



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APRIL 2025

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A comment on "Interregional Contact and the Formation of a Shared Identity"*

Adrien Foutelet, Bo-Yeon Jang, María Medellín-Esguerra

July 20, 2024

Abstract

Bagues and Roth (2023) examine the effect of interregional contact induced by compulsory military service on sympathy towards people from other regions and the consolidation of a national identity in the context of Spain. They find that conscripts assigned away from their home region have 0.8 sd greater contact with people from other parts of the country and have 0.06 sd more positive emotions towards them. For conscripts hailing from regions with peripheral nationalistic movements, these effects are larger by 0.210-0.318 sd and 0.03-0.04 sd respectively. In addition, soldiers from regions with separatist movements tend to have 0.262 sd greater identification with Spain after service, and all effects are statistically significant at the 5% and 10%levels. In this comment, we successfully verify that the paper is computationally reproducible and correct one minor coding error that does not affect the studies' conclusions. We further confirm the robustness of the main results to dropping all controls, excluding pilot survey observations, and controlling for age at military enrollment, with possible heterogeneity in later military years.

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1 Introduction

Bagues and Roth (2023), henceforth BR, study the effect of interregional exposure on nation building in the context of Spain. Using self-reported survey data on men who participated in draft lotteries between 1949 and 1992, and exploiting random assignment of conscripts to serve outside their region of origin, BR compare conscripts who spent their military service away from home to draftees who remained. They test whether their military service experience increased contact with individuals from other regions, fostered sympathy towards them as predicted by the contact hypothesis, and whether this led to a stronger identification with Spain as a country, particularly for regions with peripheral nationalist (PN) movements.

In this report prepared for the Institute for Replication (Brodeur *et* al. 2024), we reproduce and test the direct replicability of BR's three headline results: (1) that "individuals serving in other regions were more exposed to conscripts with a different geographical background" (BR, p. 337), with increased effects for people from regions with PN; (2) that serving outside the region of origin promotes "sympathy toward people from the region of service" (BR, p. 339), again with a stronger effect on people from regions with PN; and (3) that "the treatment strongly increases identification with Spain for respondents originating from regions with PN" (BR, p. 344), with no effect on the rest of the sample.

We verify that BR is fully reproducible with accessory modifications to the replication package made available from ICPSR, as was previously verified by the AEA data editor. The package contains raw, intermediate and final data, which allows us to review the cleaning and analysis code in its entirety. We are able to reproduce tables 1-4 with similar coefficients and standard errors; our results and sample size vary minimally after the correction of a coding error that we describe in section 2.

After confirming reproducibility, we proceed to assess whether the results replicate under various conditions: (a) by excluding all controls, (b) by excluding observations from the survey pilot, (c) by incorporating age at the time of military service as a control, and (d) by excluding specific groups of lottery years from the sample. For this last check, we use two criteria to define the groups of lottery years: the first groups are consecutive 5-year intervals. The second set of groups are deInstitute for Replication

fined based on historical junctures that may have altered the experience of military service: we choose the end of the Franco regime (1975), the enactment of the 1978 Constitution, and the establishment of conscientious objection in 1988 as cutpoints.

In sum, the results from robustness checks (a)-(c) largely align with BR's reported coefficients, and check (d) reveals some minor heterogeneity could be attributed to a loss of power, and therefore does not compromise the authors' conclusions. Specifically, BR show that serving away from the home region increases an exposure index to people from other Spanish regions by 0.8 sd (0.060 s.e.), and checks (a)-(d) yield coefficients between 0.770 and 0.884 (s.e. 0.059-0.137). There is a heterogeneous positive effect for conscripts hailing from PN regions; the interaction between the treatment and an indicator for PN region of origin yields 0.318 sd increase in exposure (s.e. 0.112), and our estimations give coefficients between 0.263 and 0.481 sd (s.e. 0.112-0.238). An exception is the regression for the post-conscientious objection years, which yields a negative and insignificant interaction, likely due to the smaller sample size in that time period.

Regarding the effects of being assigned away from the home region on sympathy towards people from other regions, BR report that conscripts serving away from home had 0.06 sd (s.e. 0.014) higher levels of sympathy towards foreigners, with conscripts from PN regions having 0.03 sd (s.e. 0.014-0.030) additional gains. Throughout our checks, we obtain baseline coefficients ranging between 0.028 and 0.080 sd (s.e. 0.014-0.021), and heterogeneous effects from PN conscripts ranging between 0.024 and 0.069 sd (s.e. 0.014-0.036), which are aligned with BR's conclusions.

Finally, we reproduce BR's evidence that assignment away from home increases identification with Spain for PN conscripts. While their reported effect on an identity index for PN conscripts is 0.262 sd (s.e. 0.124), we obtain coefficients in the range of 0.224-0.287 sd (s.e. 0.124-0.231) across all of our robustness checks.

2 Computational Reproducibility

We used the replication package available from the AEA website as of April 12, 2024. Table 1 describes the contents of the replication package and the results of

the computational reproducibility.

The package contained all raw data, including the survey responses, the intermediate files and the final analysis data. Likewise, all cleaning and analysis code¹ were available and annotated for clarity. The package reproduced the main datasets and results of the paper without substantive modifications².

We uncovered a minor error in the code cleaning the survey data which, once corrected, does not significantly affect the sign or magnitude of the coefficients reported in the article³. Our edited code is available on GitHub. This error occurs in the cleaning of the survey data⁴: respondents were asked about their military service history, and were allowed to select options numbered 1-5, detailed by the authors as comments in the code:

- 1. I did the compulsory military service
- 2. I voluntarily enrolled in the army
- 3. I did social service
- 4. I was exempted from compulsory military service
- 5. Other situations

Individuals who selected only (1) were the intended sample of interest. However, categories were not mutually exclusive in the survey, and 1.5 % of respondents selected more than one option. In the original version of the cleaning code, all respondents who selected (1) as well as other options were coded as a unique (1). Because choosing multiple options could be more likely for non-standard draftees or could signal respondent inattention, we opt for dropping respondents who selected multiple options where one of them was (1). In the main sample used for regressions, this results in excluding 11 control and 12 treated individuals.

¹All code was written in Stata version 14.

²For analysis, authors included most of the necessary .ado files in the replication package, except for reghtfe.ado and ftools.ado, which we were able to secure through ssc.

³We also found a coding error in the file 4.adding provincial population and gdp.do, particularly in the procedure of interpolating values for population and GDP per capita. This error incorrectly interpolates values for the years 2000-2004, and since these are not used in the paper's main sample, we do not discuss it in this section. It is, however, documented in our Github repository.

⁴This code is contained in file 1.clean_dynata_and_lucid.

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In all of our tables, we replicate BR's published results in Column 1 and show the coefficients after dropping these observations in Column 2. Since the change in the final sample is small, the magnitude and size of the coefficients are almost identical to the printed version of the paper.

2.1 Discrepancies Between Pre-analysis Plan and Article

The authors registered a pre-analysis plan following the pilot, prior to the launch of the main survey. Minor deviations from this plan are explained in Appendix B of the published paper: the sample size is smaller than originally planned; survey round fixed effects are added; controls are at the regional level rather than the province level to match the treatment; and lottery fixed effects are used in place of cohort fixed effects, which led them to drop a continuous variable measuring the age at the time of military service.

We verify that the analysis in the article follows the pre-analysis plan, with two additional discrepancies that are very minor in scope. First, dummies for the education level achieved by the individual are listed as a control in the pre-analysis plan; the paper does not explicitly state it as a control in table notes, but we confirm in the code that it is included. Conversely, the article includes the number of siblings as a control in the main specification although it is not specified in the pre-analysis plan. The results are robust to dropping all controls, as we discuss in section 3.

Since conscripts could choose to request extensions and join the military at different ages, the age of military service variable could still be relevant even with the year lottery fixed effects; we include this as an additional robustness check.

3 Robustness Reproduction

We now turn our attention to robustness replication. We first test three alternate specifications in which we 1) drop all controls, 2) drop all observations from the pilot survey, and 3) include the age at which the individual entered the military. We then rerun the baseline specification while excluding successive 5-year intervals

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as well as for groupings of years that reflect historical changes in the regime or the lottery.

Our pre-registered plan, which was written after a preliminary exploration of the code and programs but before beginning any independent analysis, suggested as robustness checks: 1) excluding individual years from the sample, 2) including the age at which the individual entered the military, and 3) further testing the effect of interregional contact in conscripts who stayed in the home region; time constraints did not allow for this final proposed analysis. All other sensitivity analyses were added to address possible concerns that arose while conducting our replication.

To confirm the minor discrepancies from the pre-analysis plan about specific control variables did not affect the results, we dropped all controls. We also verified that results were robust to dropping observations from the pilot survey.

We evaluate whether the results were sensitive to specific years from the sample by removing five-year periods as an initial test⁵. After performing this check, we decided to explore whether splitting the sample into historical periods with different military draft institutions could unveil additional heterogeneity. We select year cutoffs according to structural changes to the lottery process⁶, or institutional changes such as the end of the Franco regime in 1975 and the introduction of conscientious objection in 1987.

3.1 Regression model

In our analysis, we follow the exact specifications used by the authors. The random assignment of treatment (military service outside region of origin) among conscripts is exploited to estimate its effect on contact with conscripts from different geographical backgrounds (BR Result 1, Table 2) and identification with Spain (BR Result 3, Table 4) with the following equation:

$$y_{i,t,p} = \beta \operatorname{Treatment}_i + \Pi X_i + \phi_{t,p} + \epsilon_{i,t,p} \tag{1}$$

⁵Though we had intended to exclude individual years, we were hoping this would provide an adequate test while generating digestible outputs.

⁶The authors state that "From 1940 to 1986, lotteries were conducted in a specific unit called 'Caja de reclutas' [...] between 1987 and 1991, eligible conscripts were ordered within each province by date of birth." (p. 327)

Where *i* indicates survey respondents drafted in the lottery at year *t* in province *p*. The binary variable Treatment_i indicates whether the respondent was assigned outside of his home region for military service, and X_i represents a set of control variables. Standard errors are clustered by lottery year-home province dyads.

To assess the effect of serving in a region on individual sentiments toward that region (BR Result 2, Table 3), the following specification is used:

sentiment_{*i*,*r*,*s*} = $\alpha_i + \beta$ serve in region $\epsilon_{i,s}$ + region residence $17_r \times \text{region rated}_s + \epsilon_{i,r,s}$ (2)

Where survey respondent *i* from region *r* rates his perception of region *s*. α_i represents individual-level fixed effects and regionresidence $17_r \times \text{regionrated}_s$ reflect the set of interactions between the home region and rated region dummies. Standard errors are clustered at the home province level.

Each table of results shows three versions of the relevant specification. Panel A provides the estimated β from equation 1 as is. Panel B includes an interaction term for individuals from regions with secessionist movements (i.e. Basque Country, Navarre, Catalonia, Galicia, or the Balearic Islands), while Panel C interacts the treatment with the individual's predicted strength of identification with Spain.

3.2 Reproduction of BR Result 1: Exposure to different geographical backgrounds

We first test the robustness of the evidence indicating that assignment into locations outside the home region resulted in greater exposure to conscripts with different geographical backgrounds. This analysis runs a set of OLS regressions on individual survey responses with the following dependent variables: the fraction of conscripts not from the home region in the individual's assigned service region, the z-scored number of friends from other provinces during military service; the z-scored number of friends from other provinces other than the home province or the province of military service during the military service; the z-scored measure of self-rated exposure to people from other regions during service; a binary indicator for whether at least one year was spent outside the home region; and an unweighted index of these outcomes, called the "First Stage Index".

For each dependent variable, we report a set of three tables for the previously described sets of robustness replications. These results comprise tables 2 to 7. Within each set, the first column of each table reports the preferred estimates from the original study, and column 2 shows the main specification with the sample after excluding multiple responders, as described in section 2. In Table I, column 3 shows the results of dropping all control variables, column 4 excludes all observations from the pilot survey, and column 5 adds age at service to the controls. Columns 2 to 6 of Table II report estimates from regressions that drop successive five-year periods. Table III columns 2 and 3 report the results of limiting the time period to the Francoist and transition regimes, respectively, while columns 4 and 5 divide the sample into two possibly different lottery regimes.

We find that the point estimates are robust to dropping the control variables, excluding the pilot, and adding age at service as a control for all dependent variables. For example, the effect of being assigned outside the home region on the z-scored contact with people from other regions remains similar (0.325, 0.321, and 0.361 for columns 3, 4, and 5 of Table 51., respectively, with s.e. between 0.073-0.079) to the original study (0.347, s.e.=0.073) in both magnitude and statistical significance. In fact, the estimated effect of the treatment on the fraction of conscripts not from the home region in the individual's assigned service region, self-rated exposure to people from other regions during service, spending at least one year outside the home region, and the first-stage index remain roughly unchanged across all three sets of robustness checks.

Estimates of the effect on the number of friends from other provinces display some heterogeneity with respect to time; we see that the point estimates shown in Panel B of table 7III. for the interaction between the treatment for people from regions with PN are smaller when restricting the regression to the conscripts serving after conscientious objection was introduced (1988-1991). Specifically, the reported interaction coefficient for the aggregate first stage index was 0.318 (s.e. 0.112), and the coefficient for the 1988-1991 sample was -0.94 with a larger s.e. of 0.251 owing to the decrease in the sample size. All other period splits exhibit consistent results in sign, magnitude and significance. The heterogeneity is mostly driven by the measures of friends from other regions.

From this analysis, we conclude that BR's Result 1 (individuals serving away from home increase their exposure to people from other regions) is robust to the checks we propose. The increased effect for conscripts hailing from PN regions is also broadly consistent across specifications, with the minor exception of a drop in magnitude and significance (attributable to a loss of power) for the subsample of conscripts serving between 1988 and 1991.

3.3 Reproduction of BR Result 2: Sympathy toward region of service

We turn our attention to the evidence documenting increased sympathy towards people from the region of service. The dependent variables of interest are three z-scored variables standardizing reported sympathy toward inhabitants of specific regions, the expected fraction of dropped wallets returned in cities within each region, and the unweighted average of these two measures. Given the specification used in this analysis, we opted to only run robustness checks modifying the time period of the sample. In Tables 8 to 10, we report two tables for each dependent variable. As before, the first column of each table reports the preferred estimates from the original study; Table I is analogous to Table II of Subsection and Table II is analogous to Table III.

The results are generally robust to dropping five-year periods from the sample. When the dependent variable is the sentiment towards people from the region of service (table 8I.), BR report that being assigned to that region increases the sympathy z-score by 0.061 (s.e. 0.014, column 1). Successive exclusion of 5-year periods yields estimates between 0.048-0.075 (s.e. between 0.015-0.018) in Panel A. Panels B and C exhibit slight variations in the coefficient magnitudes with attenuated effects in later periods; however, we cannot conclude that even in this subsample the positive effect is not present. In Panel B of table 10II., for example, BR report that conscripts from regions with low identification with Spain have more positive attitudes towards people of their region of service by 0.033 (s.e. 0.014), and column 6 of our reproduction shows that restricting the sample to lottery years 1988-1991 yields a coefficient of -0.004 (s.e. 0.046). While the later period point estimate is smaller, the sample restriction creates a sufficiently large confidence interval that

could include the reported coefficient.

Overall, we find that result 2, which proposes that conscripts serving away from their home region have increased sympathy towards their region of service, largely holds. We find some evidence of potential temporal heterogeneity, but none that negates the conclusions reported by BR.

3.4 Reproduction of BR Result 3: Spanish identity

The results linking military service outside the home region to stronger Spanish identity utilized the same specification as that linking military service outside the home region to greater exposure to different geographical backgrounds. We therefore tested the robustness of these results in a similar manner. The dependent variables for this analysis are z-scored measures of reported attachment to Spain, national pride, emotions toward the Spanish flag, and an unweighted index of these variables; Tables 11 to 14 report the set of results for each as described in Subsection 3.3.

As before, we find the results are robust to dropping the control variables, excluding the pilot, and adding age at service as a control for all dependent variables. When splitting the sample into different historical periods, we observe consistent estimates when exploring heterogeneous effects by attachment to Spain in the region of origin: in the case of the aggregate identity index, BR report that treated conscripts from regions without PN have no differential identification with Spain relative to controls (coefficient: -0.036, s.e. 0.067). In table 14III., we find that this result holds across time periods (coefficients: -0.077 to 0.001, s.e. 0.075-0.146). For treated conscripts from PN regions, BR find a positive effect (coefficient: 0.262, s.e. 0.124), which remains consistent across historical periods (we find estimates in the range of 0.242-0.287, s.e. 0.141-0.224) and after excluding different sets of 5-year intervals (estimates range between 0.257-0.302, s.e. 0.129-0.156 in table 14III.)

In sum, the evidence for Result 3 (treated conscripts from PN regions increase their identification with Spain) is robust to the tests we proposed.

4 Conclusion

In this comment, we reproduce the three headline results from Bagues and Roth (2023) (BR) and conduct additional robustness checks on their specifications. The evidence presented by the authors is largely unaltered after correcting a minor coding error, dropping all controls, excluding pilot survey observations and controlling for age at military enrollment.

Given that BR use conscript cohorts spanning a wide range of years, during which the lottery system was reformed, Franco regime ended, a new constitution was introduced, and conscientious objection was implemented, it is plausible that the effects of interregional exposure are heterogeneous over time. We check whether this is the case, and while for results 1 and 2 we find some potential evidence for heterogeneity in later military lottery years, it does not overturn BR's conclusions.

Future replication exercises could tackle the check that we proposed in our preanalysis plan and were not able to complete due to time constraints. This check entailed using the fact that conscripts who stayed in their home region may have also been exposed at differential degrees to soldiers from other locations. If BR's results are attributable exclusively to the contact hypothesis, comparing soldiers serving in their home region with greater vs. lower exposure to foreigners should also lead to positive effects on contact, trust and increased identification with Spain. If, however, the context in which contact occurs is also a mediating factor, we may observe decreased or null effects in this test.

References

- Bagues, M. and Roth, C.: 2023, Interregional Contact and the Formation of a Shared Identity, American Economic Journal: Economic Policy 15(3), 322–350. URL: https://pubs.aeaweb.org/doi/10.1257/pol.20210237
- Brodeur et al.: 2024, Mass Reproducibility and Replicability: A New Hope, I4R Discussion Paper Series .

5 Tables

Replication Package Item	Fully	Partial	No
Raw data provided Analysis data provided	\checkmark		
Cleaning code provided Analysis code provided	\checkmark		
Reproducible from raw data Reproducible from analysis data	\checkmark		

Table 1. Replication Package Contents and Reproducibility

Notes: This table summarizes the replication package contents contained in Bagues and Roth (2023).

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.367 \\ (0.013)$	0.367 (0.013)	$\begin{array}{c} 0.366 \\ (0.013) \end{array}$	$\begin{array}{c} 0.360 \\ (0.013) \end{array}$	$0.379 \\ (0.013)$
Panel B: Binary					
Other region (a)	$\begin{array}{c} 0.317 \\ (0.008) \end{array}$	0.317 (0.008)	$\begin{array}{c} 0.315 \\ (0.008) \end{array}$	$\begin{array}{c} 0.310 \\ (0.009) \end{array}$	$0.325 \\ (0.009)$
Other region \times (b)	0.144	0.145	0.146	0.142	0.153
Peripheral Nationalism	(0.023)	(0.023)	(0.023)	(0.024)	(0.023)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous					
Other region (a)	0.367	0.367	0.366	0.359	0.379
	(0.010)	(0.010)	(0.010)	(0.010)	(0.010)
Other region \times (b)	0.063	0.064	0.064	0.063	0.068
Low identification with Spain	(0.011)	(0.011)	(0.011)	(0.011)	(0.010)
Observations	3231	3208	3208	2704	3115
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ

Table 2. Robustness: Share of conscripts from other regions

I. Controls

Dependent variable: Share of conscripts from other regions

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	$0.367 \\ (0.013)$	0.367 (0.013)	$0.363 \\ (0.014)$	$0.363 \\ (0.014)$	$0.365 \\ (0.014)$	$0.364 \\ (0.015)$	$0.381 \\ (0.017)$
Panel B: Binary							
Other region (a)	0.317 (0.008)	0.317 (0.008)	$0.315 \\ (0.009)$	$0.316 \\ (0.009)$	$0.316 \\ (0.009)$	$0.315 \\ (0.011)$	$0.317 \\ (0.010)$
Other region \times (b)	0.144	0.145	0.142	0.141	0.139	0.135	0.171
Peripheral Nationalism	(0.023)	(0.023)	(0.025)	(0.025)	(0.025)	(0.026)	(0.027)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous							
Other region (a)	$\begin{array}{c} 0.367 \\ (0.010) \end{array}$	$0.367 \\ (0.010)$	$0.365 \\ (0.011)$	$0.365 \\ (0.011)$	$0.364 \\ (0.011)$	$0.362 \\ (0.011)$	0.377 (0.012)
Other region \times (b) Low identification with Spain	$0.063 \\ (0.011)$	$0.064 \\ (0.011)$	$0.063 \\ (0.012)$	$0.064 \\ (0.012)$	$0.063 \\ (0.012)$	$0.060 \\ (0.012)$	$0.070 \\ (0.012)$
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE Controls	Y Y	Y Y	Y Y	Y Y	Y Y	Y Y	Y Y

II. Years

Dependent variable: Share of conscripts from other regions

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	$\begin{array}{c} {\rm Transition} \\ {\rm 1979-1987} \end{array}$	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.367 \\ (0.013)$	0.367 (0.013)	$\begin{array}{c} 0.414 \\ (0.030) \end{array}$	$0.368 \\ (0.018)$	$0.378 \\ (0.015)$	$\begin{array}{c} 0.330 \ (0.023) \end{array}$
Panel B: Binary						
Other region (a)	0.317 (0.008)	0.317 (0.008)	$0.332 \\ (0.022)$	$0.328 \\ (0.009)$	$0.324 \\ (0.008)$	$0.293 \\ (0.024)$
Other region \times (b)	0.144	0.145	0.166	0.138	0.154	0.107
Peripheral Nationalism	(0.023)	(0.023)	(0.038)	(0.037)	(0.027)	(0.040)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous						
Other region (a)	$0.367 \\ (0.010)$	$0.367 \\ (0.010)$	$0.391 \\ (0.019)$	$0.375 \\ (0.016)$	0.377 (0.012)	$0.333 \\ (0.018)$
Other region \times (b)	0.063	0.064	0.061	0.056	0.061	0.067
Low identification with Spain	(0.011)	(0.011)	(0.015)	(0.020)	(0.012)	(0.021)
Observations	3231	3208	630	1599	2565	643
Year Lottery $FE \times Province FE$	Y	Y	Y	Y	Y	Y
Controls	Y	Y	Y	Y	Y	Y

Dependent variable: Share of conscripts from other regions

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	0.299 (0.056)	$0.285 \\ (0.055)$	0.270 (0.055)	0.273 (0.057)	$0.287 \\ (0.055)$
Panel B: Binary					
Other region (a)	$0.260 \\ (0.066)$	$0.245 \\ (0.064)$	$0.228 \\ (0.065)$	$0.267 \\ (0.068)$	$0.249 \\ (0.065)$
Other region \times (b) Peripheral Nationalism	$0.112 \\ (0.110)$	0.113 (0.108)	$0.119 \\ (0.117)$	0.017 (0.117)	$0.109 \\ (0.108)$
P-value (a+b)	0.000	0.000	0.000	0.004	0.000
Panel C: Continuous					
Other region (a)	$0.298 \\ (0.055)$	0.283 (0.054)	$\begin{array}{c} 0.271 \\ (0.053) \end{array}$	$\begin{array}{c} 0.271 \\ (0.058) \end{array}$	$0.285 \\ (0.055)$
Other region \times (b) Low identification with Spain	$0.066 \\ (0.051)$	$0.064 \\ (0.050)$	$0.067 \\ (0.053)$	$0.024 \\ (0.051)$	$0.062 \\ (0.051)$
Observations	3138	3115	3115	2611	3115
Year Lottery $FE \times Province FE$ Controls	Y Y	Y Y	Y Y	Y Y	Y Y

Table 3. Robustness: Friends from other provinces

I. Controls

Dependent variable: Number of friends from other provinces (at most 1 per province) (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries $1970-1974$	Exc. lotteries $1975-1979$	Exc. lotteries $1980-1984$	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	0.299	0.285	0.291	0.284	0.301	0.268	0.259
	(0.050)	(0.000)	(0.001)	(0.000)	(0.002)	(0.001)	(0.003)
Panel B: Binary							
Other region (a)	0.260	0.245	0.262	0.246	0.266	0.259	0.142
	(0.066)	(0.064)	(0.065)	(0.068)	(0.071)	(0.079)	(0.084)
Other region \times (b)	0.112	0.113	0.087	0.112	0.100	0.024	0.308
Peripheral Nationalism	(0.110)	(0.108)	(0.112)	(0.118)	(0.121)	(0.115)	(0.122)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.001	0.000
Panel C: Continuous							
Other region (a)	0.298	0.283	0.291	0.284	0.299	0.266	0.248
	(0.055)	(0.054)	(0.056)	(0.058)	(0.061)	(0.062)	(0.066)
Other region \times (b)	0.066	0.064	0.050	0.071	0.057	0.007	0.149
Low identification with Spain	(0.051)	(0.050)	(0.054)	(0.058)	(0.057)	(0.051)	(0.055)
Observations	3138	3115	2911	2787	2505	2278	2159
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Y	Y	Υ	Υ	Y

II. Years

Dependent variable: Number of friends from other provinces (at most 1 per province) (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	0.299 (0.056)	$0.285 \\ (0.055)$	$0.281 \\ (0.108)$	$\begin{array}{c} 0.320 \\ (0.081) \end{array}$	$\begin{array}{c} 0.310 \\ (0.061) \end{array}$	$0.248 \\ (0.134)$
Panel B: Binary						
Other region (a)	$0.260 \\ (0.066)$	$0.245 \\ (0.064)$	$0.151 \\ (0.146)$	0.230 (0.089)	$0.221 \\ (0.071)$	$\begin{array}{c} 0.383 \ (0.174) \end{array}$
Other region \times (b)	0.112	0.113	0.263	0.311	0.255	-0.369
Peripheral Nationalism	(0.110)	(0.108)	(0.195)	(0.157)	(0.111)	(0.248)
P-value (a+b)	0.000	0.000	0.003	0.000	0.000	0.942
Panel C: Continuous						
Other region (a)	$0.298 \\ (0.055)$	0.283 (0.054)	$0.237 \\ (0.111)$	$0.343 \\ (0.077)$	$0.306 \\ (0.059)$	0.257 (0.129)
Other region \times (b)	0.066	0.064	0.114	0.190	0.125	-0.262
Low identification with Spain	(0.051)	(0.050)	(0.075)	(0.084)	(0.054)	(0.124)
Observations	3138	3115	625	1546	2505	610
Year Lottery FE \times Province FE Controls	Y Y	Y Y	Y Y	Y Y	Y Y	Y Y

Dependent variable: Number of friends from other provinces (at most 1 per province) (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.266 \\ (0.056)$	$0.252 \\ (0.055)$	$0.235 \\ (0.056)$	$0.230 \\ (0.057)$	0.254 (0.055)
Panel B: Binary					
Other region (a)	0.224 (0.066)	$0.209 \\ (0.064)$	$0.190 \\ (0.065)$	$0.220 \\ (0.068)$	$0.214 \\ (0.065)$
Other region \times (b)	0.119	0.120	0.127	0.027	0.115
Peripheral Nationalism	(0.110)	(0.108)	(0.117)	(0.117)	(0.109)
P-value (a+b)	0.000	0.000	0.001	0.012	0.000
Panel C: Continuous					
Other region (a)	0.264	0.250	0.236	0.228	0.252
	(0.055)	(0.054)	(0.054)	(0.058)	(0.055)
Other region \times (b)	0.068	0.066	0.071	0.028	0.064
Low identification with Spain	(0.051)	(0.050)	(0.053)	(0.051)	(0.051)
Observations	3138	3115	3115	2611	3115
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Y
Controls	Υ	Υ	Υ	Υ	Y

Table 4. Robustness: Friends from other provinces excluding service province

I. Controls

Dependent variable: Number of friends from other provinces, excluding province of service (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	0.266	0.252	0.257	0.251	0.267	0.232	0.233
	(0.056)	(0.055)	(0.057)	(0.059)	(0.062)	(0.061)	(0.070)
Panel B: Binary							
Other region (a)	0.224	0.209	0.225	0.209	0.231	0.222	0.112
	(0.066)	(0.064)	(0.065)	(0.068)	(0.071)	(0.079)	(0.084)
Other region \times (b)	0.119	0.120	0.096	0.121	0.103	0.028	0.317
Peripheral Nationalism	(0.110)	(0.108)	(0.113)	(0.119)	(0.121)	(0.115)	(0.121)
P-value (a+b)	0.000	0.000	0.001	0.001	0.001	0.005	0.000
Panel C: Continuous							
Other region (a)	0.264	0.250	0.258	0.251	0.266	0.231	0.222
	(0.055)	(0.054)	(0.056)	(0.058)	(0.061)	(0.062)	(0.066)
Other region \times (b)	0.068	0.066	0.054	0.074	0.057	0.008	0.151
Low identification with Spain	(0.051)	(0.050)	(0.054)	(0.058)	(0.057)	(0.051)	(0.055)
Observations	3138	3115	2911	2787	2505	2278	2159
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: Number of friends from other provinces, excluding province of service (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.266 \\ (0.056)$	0.252 (0.055)	$0.247 \\ (0.106)$	$0.290 \\ (0.081)$	$0.280 \\ (0.061)$	$0.203 \\ (0.133)$
Panel B: Binary						
Other region (a)	0.224 (0.066)	0.209 (0.064)	$0.126 \\ (0.143)$	$0.199 \\ (0.090)$	$0.190 \\ (0.071)$	$0.328 \\ (0.172)$
Other region \times (b)	0.119	0.120	0.246	0.317	0.258	-0.344
Peripheral Nationalism	(0.110)	(0.108)	(0.192)	(0.156)	(0.111)	(0.242)
P-value (a+b)	0.000	0.000	0.008	0.000	0.000	0.930
Panel C: Continuous						
Other region (a)	$0.264 \\ (0.055)$	$0.250 \\ (0.054)$	$0.205 \\ (0.107)$	0.314 (0.077)	$0.276 \\ (0.059)$	0.211 (0.128)
Other region \times (b)	0.068	0.066	0.107	0.192	0.125	-0.249
Low identification with Spain	(0.051)	(0.050)	(0.075)	(0.084)	(0.054)	(0.122)
Observations	3138	3115	625	1546	2505	610
Year Lottery FE \times Province FE Controls	Y Y	Y Y	Y Y	Y Y	Y Y	Y Y

Dependent variable: Number of friends from other provinces, excluding province of service (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	0.347 (0.073)	0.347 (0.074)	$0.325 \\ (0.077)$	$\begin{array}{c} 0.321 \\ (0.079) \end{array}$	$\begin{array}{c} 0.361 \\ (0.073) \end{array}$
Panel B: Binary					
Other region (a)	$0.163 \\ (0.084)$	$0.162 \\ (0.084)$	$0.134 \\ (0.087)$	$0.161 \\ (0.096)$	$0.184 \\ (0.085)$
Other region \times (b)	0.526	0.527	0.545	0.454	0.500
Peripheral Nationalism	(0.132)	(0.133)	(0.134)	(0.145)	(0.132)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous					
Other region (a)	0.344	0.343	0.327	0.314	0.356
	(0.066)	(0.066)	(0.068)	(0.074)	(0.066)
Other region \times (b)	0.224	0.226	0.244	0.192	0.217
Low identification with Spain	(0.062)	(0.063)	(0.064)	(0.075)	(0.063)
Observations	3138	3115	3115	2611	3115
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Y	Y	Y

Table 5. Robustness: Exposure to people from other regions

I.	Controls
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Dependent variable: More contact with people from other regions (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	0.347 (0.073)	0.347 (0.074)	$0.339 \\ (0.075)$	$0.322 \\ (0.079)$	$0.389 \\ (0.080)$	$0.386 \\ (0.089)$	$0.309 \\ (0.089)$
Panel B: Binary							
Other region (a)	0.163	0.162	0.170	0.137	0.212	0.169	0.109
	(0.084)	(0.084)	(0.085)	(0.089)	(0.093)	(0.104)	(0.103)
Other region \times (b)	0.526	0.527	0.501	0.547	0.508	0.593	0.527
Peripheral Nationalism	(0.132)	(0.133)	(0.135)	(0.146)	(0.145)	(0.157)	(0.158)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous							
Other region (a)	0.344	0.343	0.343	0.325	0.386	0.373	0.290
	(0.066)	(0.066)	(0.067)	(0.071)	(0.073)	(0.081)	(0.079)
Other region \times (b)	0.224	0.226	0.212	0.228	0.223	0.251	0.233
Low identification with Spain	(0.062)	(0.063)	(0.064)	(0.069)	(0.070)	(0.074)	(0.073)
Observations	3138	3115	2911	2787	2505	2278	2159
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: More contact with people from other regions (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$\begin{array}{c} 0.347 \\ (0.073) \end{array}$	0.347 (0.074)	$0.506 \\ (0.165)$	$0.303 \\ (0.092)$	$0.333 \\ (0.076)$	$0.417 \\ (0.168)$
Panel B: Binary						
Other region (a)	$0.163 \\ (0.084)$	$0.162 \\ (0.084)$	$0.206 \\ (0.214)$	$0.155 \\ (0.093)$	$0.149 \\ (0.084)$	0.233 (0.208)
Other region \times (b)	0.526	0.527	0.609	0.511	0.531	0.505
Peripheral Nationalism	(0.132)	(0.133)	(0.307)	(0.189)	(0.144)	(0.298)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous						
Other region (a)	0.344 (0.066)	$\begin{array}{c} 0.343 \ (0.066) \end{array}$	$0.415 \\ (0.152)$	$\begin{array}{c} 0.316 \\ (0.082) \end{array}$	$0.322 \\ (0.067)$	$0.402 \\ (0.142)$
Other region \times (b)	0.224	0.226	0.240	0.205	0.230	0.253
Low identification with Spain	(0.062)	(0.063)	(0.136)	(0.083)	(0.065)	(0.169)
Observations	3138	3115	625	1546	2505	610
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Υ	Y
Controls	Y	Υ	Υ	Y	Y	Υ

Dependent variable: More contact with people from other regions (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.525 \\ (0.021)$	0.528 (0.022)	$\begin{array}{c} 0.520 \\ (0.023) \end{array}$	$0.549 \\ (0.025)$	0.541 (0.022)
Panel B: Binary					
Other region (a)	0.501 (0.027)	$0.504 \\ (0.028)$	0.497 (0.029)	$\begin{array}{c} 0.525 \\ (0.032) \end{array}$	$0.522 \\ (0.027)$
Other region \times (b)	0.070	0.067	0.066	0.067	0.053
Peripheral Nationalism	(0.044)	(0.045)	(0.049)	(0.050)	(0.046)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous					
Other region (a)	0.524	0.527	0.521	0.546	0.540
	(0.022)	(0.022)	(0.024)	(0.025)	(0.022)
Other region \times (b)	0.099	0.098	0.100	0.092	0.092
Low identification with Spain	(0.022)	(0.022)	(0.023)	(0.025)	(0.023)
Observations	3231	3208	3208	2704	3115
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Y

Table 6. Robustness: Any year outside of region

I.	Controls
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Dependent variable: Has lived outside region of birth

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	$0.525 \\ (0.021)$	$0.528 \\ (0.022)$	$0.523 \\ (0.022)$	$0.519 \\ (0.024)$	$0.539 \\ (0.024)$	$\begin{array}{c} 0.531 \\ (0.023) \end{array}$	$0.530 \\ (0.029)$
Panel B: Binary							
Other region (a)	0.501	0.504	0.506	0.492	0.516	0.512	0.493
	(0.027)	(0.028)	(0.028)	(0.029)	(0.030)	(0.031)	(0.037)
Other region \times (b)	0.070	0.067	0.051	0.079	0.067	0.053	0.100
Peripheral Nationalism	(0.044)	(0.045)	(0.046)	(0.050)	(0.049)	(0.048)	(0.059)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous							
Other region (a)	0.524	0.527	0.526	0.521	0.539	0.527	0.523
	(0.022)	(0.022)	(0.022)	(0.024)	(0.024)	(0.024)	(0.030)
Other region \times (b)	0.099	0.098	0.090	0.106	0.099	0.088	0.108
Low identification with Spain	(0.022)	(0.022)	(0.023)	(0.025)	(0.025)	(0.024)	(0.027)
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE	Υ	Υ	Υ	Y	Υ	Υ	Υ
Controls	Y	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: Has lived outside region of birth

	III. Perio					
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.525 \\ (0.021)$	$0.528 \\ (0.022)$	$0.583 \\ (0.052)$	$0.529 \\ (0.033)$	$0.536 \\ (0.026)$	$0.520 \\ (0.037)$
Panel B: Binary						
Other region (a)	$0.501 \\ (0.027)$	$0.504 \\ (0.028)$	$0.540 \\ (0.075)$	$\begin{array}{c} 0.499 \\ (0.038) \end{array}$	$0.504 \\ (0.032)$	$0.510 \\ (0.050)$
Other region \times (b)	0.070	0.067	0.088	0.104	0.092	0.030
Peripheral Nationalism	(0.044)	(0.045)	(0.099)	(0.073)	(0.053)	(0.078)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous						
Other region (a)	0.524 (0.022)	$0.527 \\ (0.022)$	$0.544 \\ (0.057)$	0.544 (0.033)	$0.533 \\ (0.026)$	$0.523 \\ (0.036)$
Other region \times (b)	0.099	0.098	0.104	0.129	0.110	0.047
Low identification with Spain	(0.022)	(0.022)	(0.040)	(0.036)	(0.024)	(0.050)
Observations	3231	3208	630	1599	2565	643
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Υ	Y
Controls	Υ	Υ	Υ	Υ	Υ	Υ

Dependent variable: Has lived outside region of birth

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.802 \\ (0.060)$	$0.794 \\ (0.059)$	$0.770 \\ (0.064)$	$0.793 \\ (0.063)$	$0.802 \\ (0.059)$
Panel B: Binary					
Other region (a)	0.691	0.683	0.656	0.713	0.694
	(0.068)	(0.066)	(0.071)	(0.074)	(0.066)
Other region \times (b)	0.318	0.317	0.324	0.226	0.303
Peripheral Nationalism	(0.112)	(0.112)	(0.127)	(0.122)	(0.113)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous					
Other region (a)	0.799	0.791	0.772	0.787	0.797
	(0.055)	(0.055)	(0.057)	(0.060)	(0.055)
Other region \times (b)	0.210	0.208	0.218	0.164	0.203
Low identification with Spain	(0.054)	(0.054)	(0.059)	(0.059)	(0.054)
Observations	3138	3115	3115	2611	3115
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ

Table 7. Robustness: First Stage Index

I.	Controls
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Dependent variable: First stage index (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	$0.802 \\ (0.060)$	$0.794 \\ (0.059)$	$0.792 \\ (0.061)$	$0.779 \\ (0.064)$	$0.831 \\ (0.065)$	$0.796 \\ (0.068)$	$0.771 \\ (0.077)$
Panel B: Binary							
Other region (a)	$0.691 \\ (0.068)$	0.683 (0.066)	$0.700 \\ (0.068)$	$0.666 \\ (0.070)$	$0.729 \\ (0.072)$	$0.700 \\ (0.084)$	$0.585 \\ (0.086)$
Other region \times (b)	0.318	0.317	0.274	0.332	0.292	0.263	0.490
Peripheral Nationalism	(0.112)	(0.112)	(0.116)	(0.124)	(0.122)	(0.125)	(0.130)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous							
Other region (a)	0.799	0.791	0.796	0.782	0.829	0.787	0.751
	(0.055)	(0.055)	(0.057)	(0.059)	(0.061)	(0.065)	(0.068)
Other region \times (b)	0.210	0.208	0.186	0.220	0.199	0.169	0.279
Low identification with Spain	(0.054)	(0.054)	(0.057)	(0.063)	(0.059)	(0.059)	(0.060)
Observations	3138	3115	2911	2787	2505	2278	2159
Year Lottery FE \times Province FE	Υ	Υ	Y	Υ	Y	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: First stage index (z)

	III. Periods								
	Original	Corrected	Franco regime 1940-1975	$\begin{array}{c} {\rm Transition} \\ {\rm 1979-1987} \end{array}$	Lottery years 1940-1987	Lottery years 1988-1991			
	(1)	(2)	(3)	(4)	(5)	(6)			
Panel A: Main									
Other region	$0.802 \\ (0.060)$	0.794 (0.059)	0.884 (0.137)	$0.805 \\ (0.083)$	0.811 (0.064)	$0.792 \\ (0.121)$			
Panel B: Binary									
Other region (a)	$0.691 \\ (0.068)$	0.683 (0.066)	$0.647 \\ (0.182)$	$0.667 \\ (0.081)$	$0.657 \\ (0.068)$	$0.826 \\ (0.181)$			
Other region \times (b)	0.318	0.317	0.481	0.478	0.444	-0.094			
Peripheral Nationalism	(0.112)	(0.112)	(0.238)	(0.157)	(0.116)	(0.251)			
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000			
Panel C: Continuous									
Other region (a)	$0.799 \\ (0.055)$	$0.791 \\ (0.055)$	$0.785 \\ (0.135)$	0.841 (0.073)	$0.803 \\ (0.058)$	$0.794 \\ (0.121)$			
Other region \times (b)	0.210	0.208	0.259	0.315	0.264	-0.069			
Low identification with Spain	(0.054)	(0.054)	(0.094)	(0.085)	(0.057)	(0.142)			
Observations	3138	3115	625	1546	2505	610			
Year Lottery $FE \times Province FE$	Y	Y	Y	Y	Y	Y			
Controls	Y	Y	Y	Y	Y	Y			

Dependent variable: First stage index (z)

Table 8. Robustness: Sentiment

I. Years

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Assigned to region	0.061 (0.014)	$0.060 \\ (0.015)$	$0.056 \\ (0.015)$	$0.053 \\ (0.015)$	$0.074 \\ (0.016)$	$0.048 \\ (0.018)$	$0.075 \\ (0.017)$
Panel B: Binary							
Assigned to region (a)	$0.053 \\ (0.017)$	0.051 (0.017)	$0.048 \\ (0.017)$	$0.051 \\ (0.017)$	$0.063 \\ (0.019)$	$0.030 \\ (0.020)$	$0.064 \\ (0.021)$
Assigned to region \times (b) Peripheral Nationalism	$\begin{array}{c} 0.023 \\ (0.031) \end{array}$	$0.024 \\ (0.031)$	0.022 (0.032)	$0.006 \\ (0.033)$	$0.027 \\ (0.036)$	0.044 (0.038)	$\begin{array}{c} 0.026 \\ (0.036) \end{array}$
P-value (a+b)	0.004	0.004	0.010	0.042	0.003	0.024	0.002
Panel C: Continuous							
Assigned to region (a)	$0.060 \\ (0.014)$	$0.059 \\ (0.014)$	$0.055 \\ (0.015)$	$0.052 \\ (0.015)$	$0.072 \\ (0.016)$	$0.043 \\ (0.017)$	$0.072 \\ (0.017)$
Assigned to region \times (b)	0.028	0.029	0.024	0.017	0.034	0.044	0.029
Low identification with Spain	(0.015)	(0.015)	(0.016)	(0.016)	(0.017)	(0.017)	(0.016)
Observations	54927	54536	51051	48909	44081	39865	37519
Individual FE	Υ	Υ	Υ	Υ	Υ	Υ	Y
Region \times Question Region FE	Υ	Υ	Υ	Υ	Υ	Υ	Y

Dependent variable: Sentiment (z)

	Original	Corrected	Franco regime 1940-1975	Transition 1979-1988	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Assigned to region	$0.061 \\ (0.014)$	$0.060 \\ (0.015)$	$0.072 \\ (0.036)$	$0.079 \\ (0.020)$	$0.075 \\ (0.016)$	$0.018 \\ (0.036)$
Panel B: Binary						
Assigned to region (a)	0.053	0.051	0.030	0.071	0.054	0.055
	(0.017)	(0.017)	(0.046)	(0.023)	(0.019)	(0.039)
Assigned to region \times (b)	0.023	0.024	0.089	0.021	0.053	-0.104
Peripheral Nationalism	(0.031)	(0.031)	(0.072)	(0.042)	(0.034)	(0.082)
P-value (a+b)	0.004	0.004	0.035	0.009	0.000	0.492
Panel C: Continuous						
Assigned to region (a)	0.060	0.059	0.051	0.079	0.071	0.017
	(0.014)	(0.014)	(0.036)	(0.020)	(0.016)	(0.036)
Assigned to region \times (b)	0.028	0.029	0.066	0.011	0.038	-0.043
Low identification with Spain	(0.015)	(0.015)	(0.028)	(0.020)	(0.015)	(0.047)
Observations	54927	54536	10710	27183	43605	10931
Individual FE	Y	Υ	Υ	Υ	Y	Υ
Region \times Question Region FE	Υ	Υ	Υ	Υ	Υ	Υ

II. Periods

Dependent variable: Sentiment (z)

Table 9. Robustness: Trustworthiness

I. Years

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Panel A: Main								
Assigned to region	0.029 (0.012)	0.029 (0.012)	$0.026 \\ (0.013)$	$0.019 \\ (0.013)$	$0.032 \\ (0.014)$	$0.024 \\ (0.015)$	$0.045 \\ (0.015)$	
Panel B: Binary								
Assigned to region (a)	0.021 (0.016)	$0.020 \\ (0.016)$	$0.019 \\ (0.016)$	$0.009 \\ (0.017)$	$0.022 \\ (0.018)$	$0.007 \\ (0.019)$	$0.042 \\ (0.019)$	
Assigned to region \times (b) Peripheral Nationalism	$0.022 \\ (0.025)$	$0.024 \\ (0.025)$	$0.018 \\ (0.026)$	$0.027 \\ (0.026)$	$0.026 \\ (0.029)$	$0.045 \\ (0.030)$	$0.007 \\ (0.029)$	
P-value (a+b)	0.026	0.023	0.071	0.074	0.036	0.024	0.029	
Panel C: Continuous								
Assigned to region (a)	$0.029 \\ (0.012)$	0.028 (0.012)	$0.025 \\ (0.013)$	$0.019 \\ (0.013)$	$0.031 \\ (0.014)$	$0.022 \\ (0.015)$	0.044 (0.015)	
Assigned to region \times (b) Low identification with Spain	$\begin{array}{c} 0.012 \\ (0.012) \end{array}$	0.013 (0.012)	$0.011 \\ (0.013)$	$0.013 \\ (0.012)$	$0.016 \\ (0.014)$	$0.023 \\ (0.013)$	$0.007 \\ (0.013)$	
Observations	46359	45968	43112	41140	37094	33439	31365	
Individual FE	Υ	Υ	Υ	Y	Υ	Υ	Y	
Region \times Question Region FE	Υ	Υ	Υ	Y	Υ	Υ	Υ	

Dependent variable: Trustworthiness (z)

	Original	Corrected	Franco regime 1940-1975	Transition 1979-1988	Lottery years 1940-1987	Lottery year 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Assigned to region	0.029	0.029	0.089	0.031	0.046	-0.030
	(0.012)	(0.012)	(0.028)	(0.017)	(0.013)	(0.034)
Panel B: Binary						
Assigned to region (a)	0.021	0.020	0.082	0.026	0.036	-0.045
	(0.016)	(0.016)	(0.037)	(0.022)	(0.017)	(0.045)
Assigned to region \times (b)	0.022	0.024	0.015	0.014	0.026	0.040
Peripheral Nationalism	(0.025)	(0.025)	(0.056)	(0.035)	(0.027)	(0.068)
P-value (a+b)	0.026	0.023	0.021	0.150	0.003	0.925
Panel C: Continuous						
Assigned to region (a)	0.029	0.028	0.085	0.031	0.045	-0.030
	(0.012)	(0.012)	(0.029)	(0.017)	(0.013)	(0.034)
Assigned to region \times (b)	0.012	0.013	0.013	0.002	0.012	0.026
Low identification with Spain	(0.012)	(0.012)	(0.021)	(0.018)	(0.012)	(0.037)
Observations	46359	45968	8959	23222	37128	8840
Individual FE	Υ	Υ	Υ	Υ	Y	Υ
Region \times Question Region FE	Υ	Υ	Υ	Υ	Υ	Υ

II. Periods

Table 10. Robustness: Index

I. Years

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Assigned to region	0.063 (0.014)	0.062 (0.014)	$0.059 \\ (0.015)$	$0.050 \\ (0.015)$	$0.070 \\ (0.016)$	$0.055 \\ (0.017)$	$0.080 \\ (0.017)$
Panel B: Binary							
Assigned to region (a)	$0.049 \\ (0.017)$	0.047 (0.017)	$0.046 \\ (0.018)$	$0.037 \\ (0.018)$	$0.054 \\ (0.019)$	$0.028 \\ (0.021)$	$0.071 \\ (0.021)$
Assigned to region \times (b) Peripheral Nationalism	$\begin{array}{c} 0.037 \\ (0.030) \end{array}$	$\begin{array}{c} 0.040 \\ (0.030) \end{array}$	$0.033 \\ (0.031)$	$0.034 \\ (0.031)$	$0.043 \\ (0.034)$	$0.069 \\ (0.036)$	$\begin{array}{c} 0.024 \\ (0.035) \end{array}$
P-value (a+b)	0.000	0.000	0.002	0.005	0.001	0.001	0.001
Panel C: Continuous							
Assigned to region (a)	0.061 (0.014)	$0.060 \\ (0.014)$	$0.057 \\ (0.015)$	$0.048 \\ (0.015)$	$0.068 \\ (0.016)$	$0.049 \\ (0.017)$	0.077 (0.017)
Assigned to region \times (b)	0.033	0.035	0.029	0.029	0.040	0.052	0.028
Low identification with Spain	(0.014)	(0.014)	(0.015)	(0.015)	(0.016)	(0.016)	(0.015)
Observations	46359	45968	43112	41140	37094	33439	31365
Individual FE	Y	Υ	Y	Y	Y	Y	Υ
Region \times Question Region FE	Υ	Υ	Υ	Υ	Υ	Υ	Y

Dependent variable: Index (z)

	Original	Corrected	Franco regime 1940-1975	Transition 1979-1988	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Assigned to region	0.063	0.062	0.121	0.072	0.082	-0.003
	(0.014)	(0.014)	(0.033)	(0.019)	(0.015)	(0.039)
Panel B: Binary						
Assigned to region (a)	0.049	0.047	0.104	0.060	0.059	0.009
	(0.017)	(0.017)	(0.042)	(0.024)	(0.019)	(0.047)
Assigned to region \times (b)	0.037	0.040	0.035	0.034	0.058	-0.032
Peripheral Nationalism	(0.030)	(0.030)	(0.066)	(0.040)	(0.032)	(0.084)
P-value (a+b)	0.000	0.000	0.007	0.004	0.000	0.741
Panel C: Continuous						
Assigned to region (a)	0.061	0.060	0.106	0.072	0.078	-0.003
	(0.014)	(0.014)	(0.033)	(0.019)	(0.015)	(0.039)
Assigned to region \times (b)	0.033	0.035	0.046	0.017	0.039	0.004
Low identification with Spain	(0.014)	(0.014)	(0.026)	(0.020)	(0.015)	(0.046)
Observations	46359	45968	8959	23222	37128	8840
Individual FE	Y	Υ	Y	Υ	Y	Υ
Region \times Question Region FE	Υ	Υ	Υ	Υ	Υ	Υ

II. Periods

Dependent variable: Index (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	0.064 (0.060)	0.071 (0.061)	$0.070 \\ (0.061)$	$0.056 \\ (0.065)$	$0.086 \\ (0.064)$
Panel B: Binary					
Other region (a)	-0.025	-0.016	-0.019	-0.014	-0.008
	(0.075)	(0.076)	(0.075)	(0.081)	(0.079)
Other region \times (b)	0.255	0.247	0.254	0.197	0.266
Peripheral Nationalism	(0.117)	(0.118)	(0.125)	(0.129)	(0.122)
P-value (a+b)	0.012	0.012	0.019	0.072	0.007
Panel C: Continuous					
Other region (a)	0.058	0.065	0.076	0.050	0.077
	(0.058)	(0.058)	(0.058)	(0.063)	(0.061)
Other region \times (b)	0.089	0.086	0.089	0.077	0.094
Low identification with Spain	(0.054)	(0.054)	(0.056)	(0.059)	(0.057)
Observations	3231	3208	3208	2704	3115
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ

Table 11. Robustness: Attachment to Spain

I.	Controls

Dependent variable: Identify with Spain (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	0.064 (0.060)	$0.071 \\ (0.061)$	$0.075 \\ (0.062)$	$0.055 \\ (0.066)$	$0.064 \\ (0.068)$	$0.116 \\ (0.064)$	$0.017 \\ (0.082)$
Panel B: Binary							
Other region (a)	-0.025	-0.016	-0.005	-0.039	-0.021	-0.006	-0.052
	(0.075)	(0.076)	(0.077)	(0.082)	(0.085)	(0.079)	(0.105)
Other region \times (b)	0.255	0.247	0.235	0.277	0.246	0.336	0.184
Peripheral Nationalism	(0.117)	(0.118)	(0.122)	(0.129)	(0.130)	(0.126)	(0.153)
P-value (a+b)	0.012	0.012	0.017	0.018	0.027	0.001	0.259
Panel C: Continuous							
Other region (a)	0.058	0.065	0.073	0.051	0.056	0.108	0.010
	(0.058)	(0.058)	(0.060)	(0.062)	(0.065)	(0.060)	(0.079)
Other region \times (b)	0.089	0.086	0.082	0.110	0.080	0.110	0.072
Low identification with Spain	(0.054)	(0.054)	(0.057)	(0.063)	(0.060)	(0.055)	(0.068)
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Y	Υ	Υ	Υ	Υ	Y	Υ

II. Years

Dependent variable: Identify with Spain (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	0.064 (0.060)	0.071 (0.061)	$0.140 \\ (0.120)$	$0.001 \\ (0.091)$	$0.035 \\ (0.071)$	0.159 (0.122)
Panel B: Binary						
Other region (a)	-0.025 (0.075)	-0.016 (0.076)	$0.043 \\ (0.159)$	-0.089 (0.110)	-0.060 (0.087)	$0.095 \\ (0.155)$
Other region \times (b)	0.255	0.247	0.198	0.306	0.272	0.182
Peripheral Nationalism	(0.117)	(0.118)	(0.236)	(0.188)	(0.139)	(0.258)
P-value (a+b)	0.012	0.012	0.174	0.159	0.056	0.156
Panel C: Continuous						
Other region (a)	$0.058 \\ (0.058)$	$0.065 \\ (0.058)$	$0.145 \\ (0.129)$	-0.009 (0.086)	$0.020 \\ (0.067)$	$0.181 \\ (0.111)$
Other region \times (b)	0.089	0.086	0.001	0.116	0.095	0.091
Low identification with Spain	(0.054)	(0.054)	(0.085)	(0.098)	(0.061)	(0.137)
Observations	3231	3208	630	1599	2565	643
Year Lottery $FE \times Province FE$	Y	Y	Y	Y	Y	Y
Controls	Y	Υ	Y	Y	Υ	Y

Dependent variable: Identify with Spain (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.082 \\ (0.061)$	$0.079 \\ (0.061)$	$0.075 \\ (0.060)$	$0.070 \\ (0.067)$	$0.090 \\ (0.063)$
Panel B: Binary					
Other region (a)	0.012	0.007	-0.004	0.006	0.019
	(0.071)	(0.070)	(0.067)	(0.079)	(0.073)
Other region \times (b)	0.201	0.207	0.226	0.182	0.201
Peripheral Nationalism	(0.135)	(0.135)	(0.134)	(0.146)	(0.133)
P-value (a+b)	0.063	0.063	0.056	0.124	0.051
Panel C: Continuous					
Other region (a)	0.076	0.073	0.080	0.064	0.080
	(0.059)	(0.059)	(0.058)	(0.065)	(0.061)
Other region \times (b)	0.103	0.107	0.112	0.105	0.107
Low identification with Spain	(0.057)	(0.057)	(0.057)	(0.059)	(0.057)
Observations	3231	3208	3208	2704	3115
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ

Table 12. Robustness: Proud to be Spanish

I.	Controls
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Dependent variable: Proud to be Spanish (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	$0.082 \\ (0.061)$	$0.079 \\ (0.061)$	$0.089 \\ (0.063)$	$0.063 \\ (0.066)$	$0.090 \\ (0.066)$	$0.105 \\ (0.072)$	$0.031 \\ (0.073)$
Panel B: Binary							
Other region (a)	$\begin{array}{c} 0.012 \\ (0.071) \end{array}$	0.007 (0.070)	$0.021 \\ (0.071)$	-0.009 (0.075)	$0.016 \\ (0.077)$	$0.035 \\ (0.089)$	-0.049 (0.084)
Other region \times (b) Peripheral Nationalism	$0.201 \\ (0.135)$	$0.207 \\ (0.135)$	$0.201 \\ (0.141)$	$0.212 \\ (0.148)$	$0.215 \\ (0.148)$	$0.192 \\ (0.148)$	$\begin{array}{c} 0.213 \\ (0.160) \end{array}$
P-value (a+b)	0.063	0.063	0.071	0.109	0.067	0.059	0.222
Panel C: Continuous							
Other region (a)	$\begin{array}{c} 0.076 \ (0.059) \end{array}$	0.073 (0.059)	$0.088 \\ (0.061)$	$0.059 \\ (0.064)$	$0.082 \\ (0.064)$	$0.096 \\ (0.071)$	$0.021 \\ (0.065)$
Other region \times (b)	0.103	0.107	0.112	0.111	0.097	0.116	0.110
Low identification with Spain	(0.057)	(0.057)	(0.062)	(0.065)	(0.063)	(0.064)	(0.066)
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Y	Υ	Y	Y	Y	Y	Υ

II. Years

Dependent variable: Proud to be Spanish (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.082 \\ (0.061)$	0.079 (0.061)	$0.075 \\ (0.129)$	$0.089 \\ (0.085)$	$0.094 \\ (0.068)$	$0.062 \\ (0.112)$
Panel B: Binary						
Other region (a)	$0.012 \\ (0.071)$	0.007 (0.070)	-0.080 (0.198)	$\begin{array}{c} 0.050 \\ (0.085) \end{array}$	$0.033 \\ (0.075)$	-0.030 (0.140)
Other region \times (b)	0.201	0.207	0.317	0.132	0.176	0.263
Peripheral Nationalism	(0.135)	(0.135)	(0.258)	(0.224)	(0.154)	(0.212)
P-value (a+b)	0.063	0.063	0.173	0.382	0.127	0.140
Panel C: Continuous						
Other region (a)	$\begin{array}{c} 0.076 \ (0.059) \end{array}$	$\begin{array}{c} 0.073 \ (0.059) \end{array}$	$0.044 \\ (0.128)$	$\begin{array}{c} 0.076 \\ (0.086) \end{array}$	$0.078 \\ (0.065)$	$0.075 \\ (0.105)$
Other region \times (b)	0.103	0.107	0.106	0.079	0.106	0.150
Low identification with Spain	(0.057)	(0.057)	(0.105)	(0.099)	(0.062)	(0.108)
Observations	3231	3208	630	1599	2565	643
Year Lottery $FE \times Province FE$	Y	Y	Y	Y	Y	Y
Controls	Y	Y	Y	Y	Y	Y

Dependent variable: Proud to be Spanish (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	0.007 (0.060)	$0.008 \\ (0.060)$	$0.000 \\ (0.060)$	0.014 (0.068)	$0.020 \\ (0.061)$
Panel B: Binary					
Other region (a)	-0.069 (0.072)	-0.069 (0.071)	-0.080 (0.072)	-0.055 (0.085)	-0.053 (0.076)
Other region \times (b)	0.219	0.219	0.230	0.198	0.208
Peripheral Nationalism	(0.131)	(0.131)	(0.127)	(0.146)	(0.129)
P-value (a+b)	0.167	0.170	0.153	0.229	0.139
Panel C: Continuous					
Other region (a)	0.003	0.003	0.003	0.008	0.013
	(0.059)	(0.059)	(0.059)	(0.068)	(0.061)
Other region \times (b)	0.129	0.130	0.137	0.129	0.129
Low identification with Spain	(0.052)	(0.052)	(0.051)	(0.056)	(0.052)
Observations	3231	3208	3208	2704	3115
Year Lottery $FE \times Province FE$	Υ	Υ	Y	Υ	Y
Controls	Υ	Υ	Υ	Υ	Υ

Table 13. Robustness: Positive emotions for Spanish flag

I. Conti	cols
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Dependent variable: Positive Emotions Spanish Flag (z)

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	0.007 (0.060)	$0.008 \\ (0.060)$	$0.006 \\ (0.060)$	$0.004 \\ (0.065)$	$0.038 \\ (0.065)$	-0.008 (0.071)	-0.019 (0.071)
Panel B: Binary							
Other region (a)	-0.069	-0.069	-0.070	-0.070	-0.040	-0.098	-0.102
	(0.072)	(0.071)	(0.072)	(0.077)	(0.078)	(0.088)	(0.088)
Other region \times (b)	0.219	0.219	0.226	0.219	0.225	0.247	0.221
Peripheral Nationalism	(0.131)	(0.131)	(0.137)	(0.145)	(0.145)	(0.147)	(0.153)
P-value (a+b)	0.167	0.170	0.175	0.224	0.129	0.204	0.333
Panel C: Continuous							
Other region (a)	0.003	0.003	0.007	0.003	0.032	-0.016	-0.028
	(0.059)	(0.059)	(0.061)	(0.065)	(0.065)	(0.070)	(0.066)
Other region \times (b)	0.129	0.130	0.140	0.138	0.132	0.144	0.116
Low identification with Spain	(0.052)	(0.052)	(0.056)	(0.060)	(0.059)	(0.059)	(0.057)
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: Positive Emotions Spanish Flag (z)

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	$\begin{array}{c} {\rm Transition} \\ {\rm 1979-1987} \end{array}$	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.007 \\ (0.060)$	$0.008 \\ (0.060)$	-0.011 (0.111)	$0.053 \\ (0.079)$	$0.029 \\ (0.063)$	-0.045 (0.133)
Panel B: Binary						
Other region (a)	-0.069 (0.072)	-0.069 (0.071)	-0.128 (0.150)	-0.017 (0.084)	-0.034 (0.074)	-0.146 (0.171)
Other region \times (b)	0.219	0.219	0.239	0.240	0.179	0.290
Peripheral Nationalism	(0.131)	(0.131)	(0.218)	(0.201)	(0.139)	(0.277)
P-value (a+b)	0.167	0.170	0.494	0.225	0.221	0.494
Panel C: Continuous						
Other region (a)	$0.003 \\ (0.059)$	$\begin{array}{c} 0.003 \\ (0.059) \end{array}$	-0.039 (0.109)	$0.060 \\ (0.083)$	$0.017 \\ (0.061)$	-0.030 (0.131)
Other region \times (b)	0.129	0.130	0.089	0.176	0.120	0.174
Low identification with Spain	(0.052)	(0.052)	(0.084)	(0.089)	(0.053)	(0.128)
Observations	3231	3208	630	1599	2565	643
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Y	Υ	Υ	Y	Y	Y

Dependent variable: Positive Emotions Spanish Flag (z)

	Original	Corrected	Drop controls	Exclude pilot	Control for age at service
	(1)	(2)	(3)	(4)	(5)
Panel A: Main					
Other region	$0.055 \\ (0.058)$	0.057 (0.057)	$0.052 \\ (0.057)$	$\begin{array}{c} 0.051 \\ (0.062) \end{array}$	$\begin{array}{c} 0.072 \\ (0.059) \end{array}$
Panel B: Binary					
Other region (a)	-0.036 (0.067)	-0.034 (0.067)	-0.044 (0.065)	-0.028 (0.074)	-0.021 (0.071)
Other region \times (b) Peripheral Nationalism	$0.262 \\ (0.124)$	$0.260 \\ (0.124)$	0.274 (0.123)	$0.224 \\ (0.135)$	$\begin{array}{c} 0.261 \\ (0.122) \end{array}$
P-value (a+b)	0.030	0.031	0.027	0.083	0.017
Panel C: Continuous					
Other region (a)	$0.049 \\ (0.055)$	$0.050 \\ (0.055)$	0.057 (0.054)	0.044 (0.060)	$0.062 \\ (0.057)$
Other region \times (b) Low identification with Spain	0.126 (0.053)	0.126 (0.053)	0.132 (0.054)	0.122 (0.056)	0.129 (0.054)
Observations	3231	3208	3208	2704	3115
Year Lottery $FE \times Province FE$ Controls	Y Y	Y Y	Y Y	Y Y	Y Y

Table 14. Robustness: Identity index

I. Controls

Dependent variable: Sum of national sentiment, proud to be Spanish, and flag sentiment variables

	Original	Corrected	Exc. lotteries before 1970	Exc. lotteries 1970-1974	Exc. lotteries 1975-1979	Exc. lotteries 1980-1984	Exc. lotteries 1985-1989
	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A: Main							
Other region	$0.055 \\ (0.058)$	0.057 (0.057)	$0.061 \\ (0.059)$	$0.044 \\ (0.062)$	$\begin{array}{c} 0.072 \\ (0.062) \end{array}$	$0.076 \\ (0.065)$	$0.009 \\ (0.074)$
Panel B: Binary							
Other region (a)	-0.036	-0.034	-0.026	-0.049	-0.021	-0.034	-0.082
	(0.067)	(0.067)	(0.067)	(0.071)	(0.073)	(0.079)	(0.088)
Other region \times (b)	0.262	0.260	0.257	0.273	0.265	0.302	0.239
Peripheral Nationalism	(0.124)	(0.124)	(0.129)	(0.136)	(0.137)	(0.133)	(0.156)
P-value (a+b)	0.030	0.031	0.036	0.051	0.033	0.013	0.222
Panel C: Continuous							
Other region (a)	0.049	0.050	0.061	0.041	0.063	0.066	-0.002
	(0.055)	(0.055)	(0.057)	(0.059)	(0.060)	(0.062)	(0.066)
Other region \times (b)	0.126	0.126	0.131	0.140	0.121	0.145	0.116
Low identification with Spain	(0.053)	(0.053)	(0.058)	(0.062)	(0.059)	(0.057)	(0.064)
Observations	3231	3208	3003	2877	2593	2345	2207
Year Lottery FE \times Province FE	Υ	Υ	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ	Υ

II. Years

Dependent variable: Sum of national sentiment, proud to be Spanish, and flag sentiment variables

	III. Perio	ods				
	Original	Corrected	Franco regime 1940-1975	Transition 1979-1987	Lottery years 1940-1987	Lottery years 1988-1991
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.055 \\ (0.058)$	0.057 (0.057)	$0.074 \\ (0.112)$	0.054 (0.076)	$0.058 \\ (0.063)$	$0.062 \\ (0.123)$
Panel B: Binary						
Other region (a)	-0.036 (0.067)	-0.034 (0.067)	-0.067 (0.146)	-0.025 (0.076)	-0.027 (0.067)	-0.038 (0.167)
Other region \times (b)	0.262	0.260	0.287	0.267	0.242	0.286
Peripheral Nationalism	(0.124)	(0.124)	(0.221)	(0.204)	(0.141)	(0.231)
P-value (a+b)	0.030	0.031	0.198	0.203	0.088	0.092
Panel C: Continuous						
Other region (a)	0.049	0.050	0.053	0.049	0.041	0.081
	(0.055)	(0.055)	(0.106)	(0.079)	(0.059)	(0.115)
Other region \times (b)	0.126	0.126	0.075	0.148	0.125	0.162
Low identification with Spain	(0.053)	(0.053)	(0.081)	(0.099)	(0.058)	(0.114)
Observations	3231	3208	630	1599	2565	643
Year Lottery FE \times Province FE	Y	Υ	Υ	Υ	Υ	Υ
Controls	Υ	Υ	Υ	Υ	Υ	Υ

Dependent variable: Sum of national sentiment, proud to be Spanish, and flag sentiment variables

6 APPENDIX

7 Appendix Tables

Below are the main tables (Tables 2, 3, and 4) from the original study, produced using the unaltered replication code. Table 2 of Original Paper

	Fraction Conscripts Other Regions	Friends other prov. (z)	Friends other prov. excl. prov. of mili (z)	Exposure to people from other regions (z)	Any year outside of Region	First Stage Index (z)
	(1)	(2)	(3)	(4)	(5)	(6)
Panel A: Main						
Other region	$0.367 \\ (0.013)$	$0.299 \\ (0.056)$	$\begin{array}{c} 0.266 \ (0.056) \end{array}$	$\begin{array}{c} 0.347 \ (0.073) \end{array}$	$0.525 \\ (0.021)$	$0.802 \\ (0.060)$
Panel B: Binary						
Other region (a)	$0.317 \\ (0.008)$	$0.260 \\ (0.066)$	$0.224 \\ (0.066)$	$0.163 \\ (0.084)$	0.501 (0.027)	$0.691 \\ (0.068)$
Other region \times (b)	0.144	0.112	0.119	0.526	0.070	0.318
Peripheral Nationalism	(0.023)	(0.110)	(0.110)	(0.132)	(0.044)	(0.112)
P-value (a+b)	0.000	0.000	0.000	0.000	0.000	0.000
Panel C: Continuous						
Other region (a)	$0.367 \\ (0.010)$	$0.298 \\ (0.055)$	$0.264 \\ (0.055)$	$\begin{array}{c} 0.344 \ (0.066) \end{array}$	0.524 (0.022)	$0.799 \\ (0.055)$
Other region \times (b)	0.063	0.066	0.068	0.224	0.099	0.210
Low identification with Spain	(0.011)	(0.051)	(0.051)	(0.062)	(0.022)	(0.054)
Observations	3231	3138	3138	3138	3231	3138
Year Lottery $FE \times Province FE$	Y	Y	Y	Y	Y	Y
Controls	Y	Y	Y	Y	Y	Y

Table 3 of Original Paper

	Sentiment (z)	Trustworthiness (z)	Index (z)
	(1)	(2)	(3)
Panel A: Main			
Assigned to region	0.061	0.029	0.063
	(0.014)	(0.012)	(0.014)
Panel B: Binary			
Assigned to region (a)	0.053	0.021	0.049
	(0.017)	(0.016)	(0.017)
Assigned to region \times (b)	0.023	0.022	0.037
Peripheral Nationalism	(0.031)	(0.025)	(0.030)
P-value (a+b)	0.004	0.026	0.000
Panel C: Continuous			
Assigned to region (a)	0.060	0.029	0.061
	(0.014)	(0.012)	(0.014)
Assigned to region \times (b)	0.028	0.012	0.033
Low identification with Spain	(0.015)	(0.012)	(0.014)
Observations	54927	46359	46359
Individual FE	Υ	Υ	Υ
Region \times Question Region FE	Υ	Υ	Υ

Table 4 of Original Paper

	Attachment to Spain	Proud to be Spanish	Positive emotions Spanish flag	Identity Index	
	(1)	(2)	(3)	(4)	
Panel A: Main					
Other region	0.064	0.082	0.007	0.055	
	(0.060)	(0.061)	(0.060)	(0.058)	
Panel B: Binary					
Other region (a)	-0.025	0.012	-0.069	-0.036	
	(0.075)	(0.071)	(0.072)	(0.067)	
Other region \times (b)	0.255	0.201	0.219	0.262	
Peripheral Nationalism	(0.117)	(0.135)	(0.131)	(0.124)	
P-value (a+b)	0.012	0.063	0.167	0.030	
Panel C: Continuous					
Other region (a)	0.058	0.076	0.003	0.049	
	(0.058)	(0.059)	(0.059)	(0.055)	
Other region \times (b)	0.089	0.103	0.129	0.126	
Low identification with Spain	(0.054)	(0.057)	(0.052)	(0.053)	
Observations	3231	3231	3231	3231	
Year Lottery $FE \times Province FE$	Υ	Υ	Υ	Y	
Controls	Υ	Υ	Υ	Υ	