

# GEOGRAPHY, CULTURAL REMOTENESS AND THE SECOND NATURE OF WITHIN-COUNTRY ECONOMIC DEVELOPMENT: DO ISLAND REGIONS LAG BEHIND?

## ONLINE APPENDIX\*

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\*A replication package (data + STATA codes) for the linguistic index used in this paper, together with the full set of computed bilateral distance measures (geographical, linguistic and ethnic distances), can be downloaded from the first author's website.

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## A Appendix: Construction of the Linguistic Distance Matrix.

As explained in Section 4, the *linguistic distance* is the measurement of the linguistic differences between populations that live in two different regions.

We use the approach conceived by Fearon (2003), also adopted by Desmet et al. (2009), to construct this indicator. It is based on the study of a phylogenetic linguistic tree and measures the similarity between two tongues in terms of the number of common branches<sup>2</sup>. Fearon (2003) proposed the following index to measure the distance between two languages  $i$  and  $j$ :

$$d_l(i, j) = 1 - \left(\frac{l}{m}\right)^\alpha \quad (1)$$

where  $l$  is the number of shared branches between  $i$  and  $j$ ,  $m$  is the maximum number of shared branches between any two languages contained in the database, and  $\alpha$  is a parameter with an assigned value of 0.5.<sup>3</sup>

The linguistic distance between A and B regions is calculated with the given formula:

$$\sum_{k=1}^K [Q_i^A Q_j^B d_l(i, j)]_k \quad (2)$$

where  $Q_i$  and  $Q_j$  denote the number of language  $i$  and language  $j$  speakers with respect to the regional total, respectively, and  $K$  represents all possible combinations of languages spoken in  $A$  and  $B$ . The index varies between 0 (maximal linguistic similarity) and 1 (maximal linguistic inequality).

Computing the measure in Equation (2) requires two main blocks of information: i) the matrix of linguistic distance (including all possible language pairs) and ii) the regional distribution of languages (that is, the number of speakers of each language in each region). This information is needed for all the regions of the 22 countries to which the 76 island regions belong (474 regions in total).

The linguistic distance matrix can be fully derived by applying Equation (1) to the information drawn from the phylogenetic linguistic tree provided by Ethnologue. The phylogenetic tree is a diagram reflecting the tree model of language origination. The first level of the tree consists of a certain number of language families.<sup>4</sup> A family is a monophyletic unit in which all members derive from a common ancestor; all attested descendants of that ancestor

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<sup>2</sup>The phylogenetic tree is a diagram that shows the relationship between groups of progeny derived from a single parent. The term “branches” describes the points where languages divide.

<sup>3</sup>See Desmet et al. (2009), p.1301, for explanation concerning the meaning and estimation of  $\alpha$ .

<sup>4</sup>Ethnologue identifies 141 different language families (that is, top-level genetic groups). Six of these (namely, Afro-Asiatic, Austronesian, Indo-European, Niger-Congo, Sino-Tibetan, and Trans-New Guinea), each of which has at least 5% of the speakers of the world's languages, stand out as the major language families of the world. Together they account for nearly two-thirds of all languages and five-sixths of the world's population.

are included in the family. Language families can be divided into smaller phylogenetic units, conventionally referred to as “branches”. The position of each language in the tree is identified by a code from which the common number of branches can be identified. The maximum number of branches in the Ethnologue tree is 15. As an example, since English and Standard German share tree branches (3.5.2.1.1 is the code for English and 3.5.2.3.1.1.1.1 is the code for Standard German), their distance, according to Equation (1), amounts to  $1 - \left(\frac{3}{15}\right)^{0.5}$ .

To obtain the regional distribution of languages, we had to restore to different sources. For five out of our 22 countries, we took advantage of the information provided by Alesina and Zhuravskaya (2011). As for the other countries, some of them were not covered by the database (the number of island regions included in Alesina and Zhuravskaya (2011) is indeed fairly small (only 11 countries possessing at least one island region: 22 regions in total) and for others, although included, the reported information was not sufficiently detailed (the level of precision mainly depends on the sources used for individual countries, the coverage of which is frequently heterogeneous between regions of the same country).<sup>5</sup> We thus used the Alesina and Zhuravskaya database only for the countries where the national distribution obtained by aggregating the regional distributions coincided with the national distribution reported by Ethnologue. For the (regions of the) other countries, we drew information from Ethnologue. The problem with Ethnologue is that information on the number of speakers is only reported at the country-level. Thus, whenever possible, we reported it at the regional level using a number of secondary, mainly national, sources (listed in Appendix B). In the remaining cases, the regional language distribution was estimated on the bases of further geographical information reported by Ethnologue. Indeed, for the majority of languages, Ethnologue also indicates geographic zones of diffusion. These, however, normally do not coincide with administrative units, so that we had to report this sub-national information to regions. We proceeded as follows. In some cases, Ethnologue uses large areas, for which only the total number of speakers is reported. In these cases (such as Japan), we allocated the total number of speakers to the regions included in the area proportionally to their population (sources listed in Appendix B). In other cases, Ethnologue reports smaller geographic zones of diffusion, listed in order of importance. In these cases, we associated each Ethnologue zone to a region and estimated the shares of speakers of each language using an arithmetic progression.<sup>6</sup>

Finally, it is noteworthy that, for each country, Ethnologue registers both traditional languages and languages

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<sup>5</sup>For example, Alesina and Zhuravskaya identify 17 languages in Italy, against the 23 identified by Ethnologue.

<sup>6</sup>We assumed that the number of speakers in the regions listed constitute an arithmetic progression in which the first element (the number of speakers in the first region) is equal to a fixed figure of the average number of speakers in the region. The parameter that represents the fixed figure was given a value of 0.25. Tests were also performed with other values (such as 0.014 that corresponds to the median value within our sample), but did not result in notable effects in the final results.

of recent immigration. The latter, however, were excluded from the analysis in order to limit potential problems of endogeneity with respect to regional income, and obtain a realistic representation of the cultural relations that developed among regions in the course of their history. Table A1 reports the number of languages considered in the definition of the distance matrix (column 1) and the number of languages spoken in at least two regions (column 2)<sup>7</sup>, which are also listed in the last column.

The final index, calculated on the basis of 220 languages distributed across 474 regions and 22 countries, is available, together with the other measures of distance, on the first author's website. From the website, is also possible to download a replication package with all the data and the STATA codes used to compute the index.

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<sup>7</sup>While, for example, if one considers the USA, a number of languages is spoken in at least 5 states (Swahili, spoken in 24 regions; Gaelic, spoken in 49 regions; German Standard, spoken in 49 regions; Spanish, spoken in 64 regions; English, spoken in 84 regions; Norwegian, spoken in 7 regions; Russian, spoken in 7 regions; Italian, spoken in 8 regions and Navajo, spoken in 11 regions), in the UK only two languages are spoken in more than one region (Scots and English, spoken in 2 and 22 regions respectively).

## B Appendix: the list of sources used.

- **Australia**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Australian Bureau of Statistics (<http://www.abs.gov.au>)

POPULATION: Census 2011

- **Canada:**

SPEAKERS: Statistics Canada ([www.statcan.gc.ca](http://www.statcan.gc.ca)) - English and French Speakers

ETHNIC GROUPS: Statistics Canada ([www.statcan.gc.ca](http://www.statcan.gc.ca))

POPULATION: Census 2011

- **China**

SPEAKERS: Alesina and Zhuravskaya 2011; Wikipedia (Hainan island)

ETHNIC GROUPS: Alesina and Zhuravskaya 2011; Wikipedia (Hainan island)

POPULATION: Census 2010

- **Denmark**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Main Land: Ethnologue; Faroe Islands: Statistics Faroe Islands (<http://www.hagstova.fo>);

Greenland: Greenland in Figures 2012, Statistics Greenland.

POPULATION: Census 2006; Faroe Islands: Statistics Faroe Islands (<http://www.hagstova.fo>); Greenland:

Greenland in Figures 2012, Statistics Greenland

- **Ecuador**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2011

- **Estonia**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Statistics Estonia (<http://pub.stat.ee> )

POPULATION: Census 2010

- **Finland**

SPEAKERS: Ethnologue; Åland in Brief. CGiForm - Mariehamns Tryckeri 8 - 2008

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2003

- **France**

SPEAKERS: Ethnologue; Distribution of Italian and Portuguese: C. Borrel and B. Lhommeau - Insee premiere, 2010

ETHNIC GROUPS: Ethnologue; Distribution of Italian and Portuguese: C. Borrel and B. Lhommeau - Insee premiere, 2010

POPULATION: Census 2008

- **Greece**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2005

- **Honduras**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2001

- **India**

SPEAKERS: Alesina e Zhuravskaya (2011)

ETHNIC GROUPS: Alesina e Zhuravskaya (2011)

POPULATION: Census 2001

- **Indonesia**

SPEAKERS: Alesina e Zhuravskaya (2011)

ETHNIC GROUPS: Alesina e Zhuravskaya (2011)

POPULATION: Census 2010

- **Italy**

SPEAKERS: Ethnologue; Census 2001. Alto Adige: M. Brigaglia, S. Tola, Dizionario storico-geografico dei Comuni della Sardegna, Sassari, Carlo Delfino editore, 2006

ETHNIC GROUPS: Ethnologue; Census 2001. Alto Adige: M. Brigaglia, S. Tola, Dizionario storico-geografico dei Comuni della Sardegna, Sassari, Carlo Delfino editore, 2006

POPULATION: Census 2011

- **Japan**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2011

- **Netherlands**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2006/2011

- **Philippines**

SPEAKERS: Alesina e Zhuravskaya (2011)

ETHNIC GROUPS: Alesina e Zhuravskaya (2011)

POPULATION: Census 2000

- **Portugal**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2011

- **Spain**

SPEAKERS: Alesina e Zhuravskaya (2011)

ETHNIC GROUPS: Alesina e Zhuravskaya (2011)

POPULATION: Census 2011

- **Sweden**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2006

- **Tanzania**

SPEAKERS: Alesina e Zhuravskaya (2011)

ETHNIC GROUPS: Alesina e Zhuravskaya (2011)

POPULATION: Census 2002

- **United Kingdom**

SPEAKERS: Ethnologue

ETHNIC GROUPS: Ethnologue

POPULATION: Census 2004 and 2011

- **United States of America**

SPEAKERS: Ethnologue; Spanish Speakers (year 2000): "Redistricting Data, First Look at Local 2010 Census Results", US Census Bureau; "Population by Race and Hispanic or Latino Origin, for the United States, Regions, Divisions, and States, and for Puerto Rico: 2000", US Census Bureau

ETHNIC GROUPS: US Census Bureau, Ancestry 2000 (<http://www.census.gov>)

POPULATION: Census 2000



## C Appendix: Descriptive statistics

Tables C1, C2 and C3 describe the main variables used in the analysis. Substantial heterogeneity emerges, on average, both across countries and, within countries, between island and non-island regions. Table C4 shows the correlation analysis.

## D Appendix: New Economic Geography and analysis with ‘Accessibility’

As an alternative framework for the identification of the regional characteristics not specific to island regions, we follow the idea that, in the post-industrial revolution, economic development at a country level may have resulted, through the agglomeration forces highlighted by New Economic Geography literature (Krugman, 1991; Venables, 1996; Krugman and Venables, 1995), in wealth concentration in certain core regions to the detriment of the periphery.

If, on the one hand, New Economic Geography models show how increasing returns to scale, agglomeration economies, transport costs, and product differentiation can lead to the emergence of regional disparities even when the underlying geography is undifferentiated, on the other hand, they show that the emergence, and persistence, of regional disparities can be brought back to any factor, either related to first- or second-nature geography, affecting the determinants of agglomeration and dispersion (Gallup et al., 1999). Once the agglomeration process is set into motion, it yields (Ottaviano, 2003; Brakman and Garretsen, 2003) permanent effects on regional disparities and growth rates differentials, with the actual growth opportunities of a region depending on agglomeration forces such as the relative size of the local market (market-seeking attraction), comparative advantages (cost-seeking attraction) and proximity to the relevant markets (accessibility).

This framework, already used (Behrens and Gaigné, 2006; Rodríguez-Pose and Faber, 2005; Behrens et al., 2007) to analyze aspects that can be typical of peripheral and ultra-peripheral regions.<sup>8</sup>, complements the explanation associated to the idea of cultural remoteness: within-country regional disparities can be thought of to emerge because of an initial technology gap arising from a relatively high remoteness and continue to thrive because of

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<sup>8</sup>In the language of the New Economic Geography, different categories of regions can be identified: central regions (strong attraction and good accessibility), marginal regions (weak attraction but good accessibility), peripheral regions (strong attraction but bad accessibility), ultra-peripheral regions (weak attraction and bad accessibility).

agglomeration economies.

Thus, following the idea that a region’s proximity to the most profitable markets (accessibility) is one of the major drivers in such a process, we can replace remoteness with an accessibility indicator measuring the GDP reachable from the region, weighted by the ease of access to the other regions, in which the *Accessibility* of region  $j_c$ , located in country  $c$ , is defined as  $Access_{j_c} = \frac{\sum_r^{R_c} geodist_{j_c,r_c} * GDP_{r_c}}{\sum_r^{R_c} GDP_{r_c}}$ , where  $R_c$  is the number of regions in the country,  $geodist_{j_c,r_c}$  denotes the geographical distance between region  $j$  and region  $r$ ,  $GDP_{r_c}$  is the GDP of region  $r$ .

Table D1 reports the results of the rerun benchmark estimation in the first three columns, and the analysis on the influence of first-nature on second-nature in columns 4 and 5. While the analysis concerning the second-nature markers of regional GDP differentials points to a dominant role of education, the main message is broadly confirmed.

## E Appendix: Geomorphological characteristics.

Other first-nature characteristics not specific to island regions might be responsible of the island-effect documented in Table 1. To explore this possibility, we draw from the Mitton (2016) database (see Section 4) to run regressions in which a number of first-nature factors are added one by one to the regressions in Table 1. These regressions, reported in the Supplemental material (Part A), show that, in line with Mitton (2016), some factors, namely *Elevation*, *Ocean Access*, *Terrain Ruggedness*, percent of tropical land (that is, *Percent Tropical*), percentage of day length with sunshine (that is, *Sunshine*) and *Wind Speed*, and the availability of *Precious Metals* and *Alloyants* (see the definitions in the Supplemental material) are found to significantly affect the within-country patterns of economic development. Beside this, the island-effect always persists.

## F Appendix: Robustness checks

**Robustness on second-nature regressions.** In Table F3 we perform some robustness checks on the second-nature results discussed in Section 5 (columns 3, 6 and 9 of Table 1). Results are reported in Table F3.

First, we run the benchmark specification without remoteness. The output (see column 1), very similar to Table 1, suggests that benchmark results on the second-nature effects are not driven by the inclusion of remoteness.

Second, we show that results are robust to i) replacing our GDP measure with the one built by Mitton (2016); ii) using (as in Mitton, 2016) the population of regions (log of regional population in 2005), instead of their area, to control for size (see column 2); iii) using the Mitton dataset (cfr. column 3) instead of ours. We finally show that the disappearing of the island-effect is not associated to the change in the data, as the island dummy is still significant when the regressions with the second-nature controls are run (this time without institutional controls and remoteness) on our set of 301 observations (column 4) or on the whole Mitton dataset, which includes many more regions but a lower number of islands (column 5).

We also show (see Supplemental material - Part E) that the results in columns 3, 6 and 9 of Table 1 are also valid when the second-nature characteristics are added one by one and regressions are run on the merged databases (ours plus the Gennaioli et al. (2013) database for human capital; ours plus the Mitton (2016) database for institutional quality and autonomy), on which we also run, for comparison with the results in Table 1, the first-nature regressions.

**Alternative identification of the technological frontier.** Our benchmark results might be driven by the concept of frontier adopted in the analysis. To test the robustness with respect to this aspect, we move from a local to a global frontier, as identified by Spolaore and Wacziarg (2009) in the USA and UK. In our case, this means considering, for every region, the distance from a region of the USA or UK where 100% of the population speaks English and belongs to the dominant ethnicity of the country. The results obtained using the London region, shown in Tables F1 and F2 (to be compared to Tables 1 and 2), fully confirm our benchmark results.

**Dealing with island countries.** By working at the second administrative level, we are able to include the entire set of island regions, worldwide, in the analysis. This choice has pros and cons. For example, if, on the one hand, it might seem correct to treat island countries such as Ireland, New Zealand, Japan or Britain as cases of successful island regions, on the other hand, one might argue that dealing with countries on par with regions would be problematic, due to the huge social, economic and political differences associated to these two administrative levels. Moreover, our within-country focus imposes a disentangling between island and non island regions even in island countries. However, the physical nature of some countries (Japan, Indonesia, Philippines) required a choice in this respect. Our criterion was that to deal with the major (in term of area) islands as the mainland (i.e. non island regions) and the minor islands as the island regions. Although the regions are always identified at the second

administrative level, this again introduces a certain degree of arbitrariness. In fact, one might argue that some mainland regions (e.g. London or Tokyo) represent cases of wealthy islands and that, by neglecting their successful story, we are somehow overestimating the island-effect.

To deal with such issue, we perform two robustness checks.

First, we run again the analysis of Table 1 dealing with all the regions in the island countries as island regions. In this way, the within-country GDP variability cannot be attributed to the condition of being an island. The results of this exercise are reported in Table F4. The coefficient of the island dummy is still significant in columns 2, 5 and 8 and not significant, as in our benchmark regressions, in columns 3, 6 and 9.

Second, to somehow understand the role played by island countries in the analysis, we report the regression results obtained without Australia, Indonesia, Japan, Philippines and UK. Results, displayed in Table F5, show that the island-effect is slightly less significant but still present in columns 2-5-8 and disappears, as in our benchmark regressions, in columns 3-6-9.

## References

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Table A1: Regional distribution of languages (description by country)

COUNTRY	# of languages spoken in > 1 region	# of languages spoken in > 1 region (in ascending order of diffusion)
Australia	9	Italian; German, Standard; Gaelic; Scots; English
Canada	14	Italian; Norwegian; Welsh; Polish; Ukrainian; Cree, Woods; Danish; Inuktitut; German, Standard; Gaelic; Scots; French; English
China	18	Tai; Uyghur; Nuosu; Hlai; Bouyei; Hani; Tujia; Iu; Dong; Bai; Tibetan; Korean; Miao; Zhuang; Mongolian; Manchu; Chinese, Mandarin
Denmark	5	Danish
Ecuador	8	Quichua, Chimborazo Highland; Spanish
Estonia	10	Yiddish; Tatar; Estonian; Ukrainian; Belarusian; Finnish; Polish; German, Standard; Russian; Lithuanian
Finland	7	Karelian; Swedish; Finnish; Finnish, Tornedalen; Livvi
France	44	Wallisian; Futuna, East; English; Occitan; Portuguese; Italian; French
Greece	8	Turkish; Slavic; Aromanian; Albanian, Arvanitika; Greek
Honduras	6	Garifuna; English; Spanish
India	30	Chin; Nepali; Konkani; Marathi; Malayalam; Gujarati; Bhili; Naga; Kannada; Telugu; Tamil; Panjabi; Bengali; Urdu; Hindi
Indonesia	17	Tetun; Sasa; Makasar; Aceh; Ngaju; Bali; Banjar; Madura; Batak Toba; Chinese, Mandarin; Betawi; Minangkabau; Bugis; Sunda; Javanese; Indonesian
Italy	23	Greek; Neapolitano-Calabrese; Ligurian; Cimbrian; Franco-Provenal; Venetian; Emiliano-Romagnolo; Albanian; Arbresh; Italian
Japan	9	Japanese; Korean
Netherlands	12	Papiamentu; English; Dutch
Philippines	19	Magindanao; Tausug; Bicolano, Central; Maranao; Kankanaey; Ilocano; Hiligaynon; Waray-Waray; Tagalog; Cebuano
Portugal	5	Galician; Portuguese
Spain	4	Basque; Catalan-Valencian-Balear; Galician; Spanish
Sweden	4	Saami; Finnish; Swedish
Tanzania	29	Iraqw; Swahili; Maasai; Kinga; Kagulu; Jita; Luguru; Pogolo; Zaramo; Makonde; Makhwa-Meetto; Asu; Haya; Fipa; Zigula; Shambala; Hehe; Nilamba; Bena; Ha; Zinza; Gogo; Zanaki; Mochi ; Sukuma; Nyakyusa-Ngonde; Nyamwezi; Ngoni; Kuria
UK	15	Scots; English
USA	33	Chamorro; Swedish; Yiddish, Eastern; Polish; Norwegian; Russian; Italian; Navajo; French; Swahili; Gaelic; German, Standard; Spanish; English

Source: Ethnologue.

Table C1: Descriptive statistics

COUNTRY	CODE	# REGIONS	GDP per capita			GeoRemote		
			mean	min	max	mean	min	max
Australia	AUS	Non-Islands Islands	34596 28569	41267 41267	41267 41267	0.070 0.070	0.023 0.023	0.123 0.123
Canada	CAN	Non-Islands Islands	26017 25971	26017 2270	26017 55040	0.030 0.103	0.030 0.038	0.030 0.186
China	CHN	Non-Islands Islands	24918 4112	24918 1447	24918 13521	0.050 0.062	0.050 0.004	0.050 0.136
Denmark	DNK	Non-Islands Islands	2962 29287	2962 23769	2962 33956	0.121 0.008	0.121 0.001	0.121 0.012
Ecuador	ECU	Non-Islands Islands	26674 5597	24011 3312	30551 8721	0.077 0.011	0.009 0.004	0.155 0.022
Estonia	EST	Non-Islands Islands	24545 10050	24545 7296	24545 14889	0.068 0.006	0.068 0.002	0.068 0.010
Finland	FIN	Non-Islands Islands	11104 25451	10935 22753	11274 27164	0.008 0.020	0.007 0.012	0.009 0.035
France	FRA	Non-Islands Islands	37193 26583	37193 23999	37193 30593	0.017 0.016	0.017 0.005	0.017 0.030
Greece	GRC	Non-Islands Islands	18148 21228	4066 15356	34352 34067	0.445 0.013	0.045 0.007	0.834 0.019
Honduras	HND	Non-Islands Islands	21018 2327	17192 1242	24536 4683	0.025 0.007	0.017 0.003	0.032 0.016
India	IND	Non-Islands Islands	4439 2986	4439 740	4439 8157	0.012 0.057	0.012 0.017	0.012 0.106
Indonesia	IDN	Non-Islands Islands	3397 3313	3397 1478	3397 16211	0.102 0.053	0.102 0.006	0.102 0.147
Italy	ITA	Non-Islands Islands	1624 27636	905 17945	2648 36620	0.086 0.024	0.047 0.004	0.128 0.048
Japan	JPN	Non-Islands Islands	19798 27794	18088 19905	21508 37045	0.039 0.017	0.028 0.002	0.049 0.037
Netherlands	NHD	Non-Islands Islands	24365 32566	19874 25554	27745 43507	0.042 0.005	0.025 0.002	0.074 0.009
Philippines	PHL	Non-Islands Islands	18882 2681	13231 2118	25718 3471	0.380 0.026	0.349 0.005	0.396 0.049
Portugal	PRT	Non-Islands Islands	2309 18700	1616 16382	2785 21789	0.029 0.010	0.021 0.004	0.043 0.017
Spain	ESP	Non-Islands Islands	22123 26272	18260 18530	25986 34792	0.065 0.016	0.049 0.006	0.081 0.027
Sweden	SWE	Non-Islands Islands	27580 28887	24911 27675	30248 31150	0.058 0.017	0.029 0.003	0.087 0.042
Tanzania	TZA	Non-Islands Islands	29866 1045	29866 605	29866 2036	0.011 0.021	0.011 0.008	0.011 0.033
United Kingdom	GBR	Non-Islands Islands	910 28878	910 24887	910 35109	0.020 0.015	0.020 0.002	0.020 0.033
United States of America	USA	Non-Islands Islands	28199 42598	4064 27682	76056 143483	0.350 0.083	0.021 0.014	0.804 0.260
			16548	3189	43027	0.508	0.148	0.628

Table C'2: Descriptive statistics (cont.)

COUNTRY	CODE	# REGIONS	LingRemote			EthnRemote		
			mean	min	max	mean	min	max
Australia	AUS	6	0.002	0.001	0.005	0.317	0.282	0.424
Canada	Non-Islands	1	0.001	0.001	0.001	0.266	0.266	0.266
	Islands	11	0.356	0.323	0.424	0.693	0.634	0.761
China	Non-Islands	1	0.338	0.338	0.338	0.652	0.652	0.652
	Islands	28	0.110	0.015	0.709	0.110	0.015	0.709
Denmark	Non-Islands	1	0.172	0.172	0.172	0.172	0.172	0.172
	Islands	12	0.006	0.001	0.059	0.006	0.001	0.059
Ecuador	Non-Islands	3	0.329	0.211	0.500	0.329	0.211	0.500
	Islands	20	0.122	0.008	0.686	0.125	0.012	0.686
Estonia	Non-Islands	1	0.008	0.008	0.008	0.012	0.012	0.012
	Islands	12	0.001	0.001	0.001	0.437	0.406	0.612
Finland	Non-Islands	2	0.001	0.001	0.001	0.396	0.396	0.396
	Islands	3	0.081	0.055	0.124	0.109	0.083	0.149
France	Non-Islands	1	0.513	0.513	0.513	0.522	0.522	0.522
	Islands	20	0.101	0.023	0.465	0.101	0.023	0.465
Greece	Non-Islands	11	0.610	0.017	0.997	0.623	0.017	0.997
	Islands	9	0.082	0.039	0.340	0.204	0.146	0.403
Honduras	Non-Islands	3	0.164	0.040	0.227	0.258	0.149	0.315
	Islands	16	0.030	0.001	0.380	0.078	0.001	0.743
India	Non-Islands	1	0.276	0.276	0.276	0.276	0.276	0.276
	Islands	29	0.678	0.372	1.000	0.678	0.372	1.000
Indonesia	Non-Islands	1	0.677	0.677	0.677	0.677	0.677	0.677
	Islands	21	0.408	0.083	0.600	0.408	0.083	0.600
Italy	Non-Islands	5	0.323	0.051	0.525	0.323	0.051	0.525
	Islands	17	0.259	0.203	0.381	0.263	0.203	0.381
Japan	Non-Islands	2	0.330	0.323	0.338	0.331	0.323	0.338
	Islands	33	0.010	0.010	0.010	0.010	0.010	0.010
Netherlands	Non-Islands	13	0.034	0.010	0.325	0.039	0.010	0.379
	Islands	11	0.063	0.001	0.232	0.063	0.001	0.232
Philippines	Non-Islands	3	0.868	0.837	0.892	0.868	0.837	0.892
	Islands	11	0.396	0.014	0.532	0.396	0.014	0.532
Portugal	Non-Islands	4	0.432	0.421	0.461	0.432	0.421	0.461
	Islands	4	0.002	0.001	0.005	0.002	0.001	0.005
Spain	Non-Islands	2	0.001	0.001	0.001	0.001	0.001	0.001
	Islands	15	0.136	0.001	0.297	0.136	0.001	0.297
Sweden	Non-Islands	2	0.098	0.001	0.194	0.098	0.001	0.194
	Islands	19	0.055	0.042	0.271	0.057	0.042	0.279
Tanzania	Non-Islands	1	0.042	0.042	0.042	0.042	0.042	0.042
	Islands	19	0.288	0.233	0.853	0.288	0.233	0.853
United Kingdom	Non-Islands	1	0.239	0.239	0.239	0.239	0.239	0.239
	Islands	11	0.013	0.001	0.110	0.019	0.001	0.110
United States of America	Non-Islands	10	0.602	0.001	1.000	0.602	0.001	1.000
	Islands	49	0.144	0.110	0.285	0.144	0.110	0.285
		7	0.656	0.417	0.970	0.656	0.417	0.970

Table C3: Descriptive statistics (cont.)

COUNTRY	CODE	# REGIONS	Years of Education			Institutions			Autonomy		
			mean	min	max	mean	min	max	mean	min	max
Australia	AUS	6	11.549	-	0.437	11.234	-	-0.256	12.678	-	3.902
		1	10.509	-	-0.256	10.509	-	-0.256	10.509	-	-0.256
Canada	CAN	11	10.432	0.980	0.122	9.840	-0.238	-0.256	10.963	2.140	3.902
		1	10.213	2.004	-0.256	10.213	2.004	-0.256	10.213	2.004	-0.256
China	CHN	28	5.750	0.016	2.362	2.939	-0.424	-0.256	8.005	0.719	3.902
		1	5.975	-0.104	3.902	5.975	-0.104	3.902	5.975	-0.104	3.902
Denmark	DNK	12	9.797	-	-	9.350	-	-	10.679	-	-
		3	9.206	-	-	9.206	-	-	9.206	-	-
Ecuador	ECU	20	8.237	-0.593	-0.256	7.250	-0.956	-0.256	9.655	-0.243	-0.256
		1	10.859	-	-0.256	10.859	-	-0.256	10.859	-	-0.256
Estonia	EST	12	11.279	-	-	10.887	-	-	12.103	-	-
		2	10.784	-	-	10.729	-	-	10.839	-	-
Finland	FIN	3	10.766	-	-	10.572	-	-	10.935	-	-
		1	10.637	-	-0.256	10.637	-	-0.256	10.637	-	-0.256
France	FRA	20	9.643	-0.223	-0.256	9.145	-0.546	-0.256	10.417	0.098	-0.256
		11	8.958	-0.803	0.437	8.958	-0.925	-0.256	8.958	-0.657	3.902
Greece	GRC	9	9.013	-1.394	-0.256	8.426	-1.748	-0.256	10.550	-1.076	-0.256
		3	9.044	-1.351	-0.256	8.838	-1.351	-0.256	9.361	-1.351	-0.256
Honduras	HND	16	3.375	0.125	-0.256	1.739	-0.396	-0.256	4.871	0.499	-0.256
		1	6.560	0.427	-0.256	6.560	0.427	-0.256	6.560	0.427	-0.256
India	IND	29	4.253	-0.362	0.544	2.696	-0.853	-0.256	8.842	-0.190	3.902
		1	4.141	-	-0.256	4.141	-	-0.256	4.141	-	-0.256
Indonesia	IDN	21	6.120	-0.013	0.160	4.946	-0.864	-0.256	9.454	0.417	3.902
		5	6.053	0.634	-0.256	4.005	-0.014	-0.256	8.974	1.179	-0.256
Italy	ITA	17	8.818	0.299	0.478	8.172	-0.880	-0.256	9.635	1.226	3.902
		2	8.183	-0.075	3.902	8.154	-0.464	3.902	8.213	0.314	3.902
Japan	JPN	33	10.843	-	-0.256	10.049	-	-0.256	11.996	-	-0.256
		13	10.610	-	-0.256	10.164	-	-0.256	11.281	-	-0.256
Netherlands	NHD	11	10.661	0.827	-0.256	10.275	0.687	-0.256	11.458	1.104	-0.256
		3	-	-	-	-	-	-	-	-	-
Philippines	PHL	11	6.393	0.085	-0.256	5.487	-0.670	-0.256	7.246	0.555	-0.256
		4	5.530	-0.273	0.783	4.750	-1.318	-0.256	6.174	0.471	3.902
Portugal	PRT	4	7.585	-0.546	-0.256	7.414	-0.955	-0.256	7.814	-0.014	-0.256
		2	7.370	-0.387	3.902	7.264	-0.521	3.902	7.476	-0.252	3.902
Spain	ESP	15	9.295	0.312	3.902	8.254	-0.190	3.902	10.457	0.692	3.902
		2	9.140	0.287	3.902	9.131	0.249	3.902	9.149	0.325	3.902
Sweden	SWE	19	11.453	0.992	-0.256	11.106	0.937	-0.256	11.732	1.061	-0.256
		1	11.106	0.997	-0.256	11.106	0.997	-0.256	11.106	0.997	-0.256
Tanzania	TZA	19	3.695	0.625	-0.256	2.477	0.051	-0.256	6.037	0.976	-0.256
		1	-	-	-	-	-	-	-	-	-
United Kingdom	GBR	11	11.991	0.553	0.878	11.605	0.303	-0.256	12.526	0.805	3.902
		10	-	-	-0.256	-	-	-0.256	-	-	-0.256
USA	USA	49	12.173	0.882	-0.256	11.615	-0.442	-0.256	12.833	2.161	-0.256
		7	12.327	-	-0.256	12.327	-	-0.256	12.327	-	-0.256



Table C4: Descriptive statistics. Correlation among the main regressors.

	GDP per capita	Area	GeoRemote	LingRemote	EthnRemote	Years of Education	Institutions	Autonomy
GDP per capita	1.0000							
Area	0.0116	1.0000						
GeoRemote	-0.0059	0.0769	1.0000					
LingRemote	-0.3257*	0.0544	0.5123*	1.0000				
EthnRemote	0.0051	0.1652*	0.4932*	0.7836*	1.0000			
Years of Education	0.8100*	0.0920*	0.0468	-0.4905*	-0.0331	1.0000		
Institutions	0.3609*	0.1976*	-0.0131	-0.1501*	0.1786*	0.3748*	1.0000	
Autonomy	-0.1053*	0.0069	-0.0043	0.0283	-0.0899*	-0.1532*	-0.0828	1.0000

\* significant at the 10% level or better

Table D1: Regressions with ‘accessibility’.

	(1)	(2)	(3)	(4)	(5)
	$\ln GDP_{pc}$	$\ln GDP_{pc}$	$\ln GDP_{pc}$	<i>Education</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.0328 (0.0252)	-0.0834*** (0.0230)	-0.0341 (0.0242)	-0.207*** (0.0563)	0.00358 (0.0498)
<i>Island (dummy)</i>		-0.185** (0.0645)	-0.0327 (0.0794)	-0.495** (0.191)	-0.546 (0.325)
<i>Overseas Island (dummy)</i>		-2.094*** (0.437)	0 (.)	0 (.)	0.589 (1.104)
<i>Overseas Island * Area</i>		0.126* (0.0545)	0 (.)	0 (.)	0.0835 (0.0987)
<i>Access</i>	-0.553*** (0.109)	-0.123 (0.125)	0.0422 (0.0816)	0.129 (0.239)	-0.0952 (0.302)
<i>Overseas Island * Access</i>		-0.675** (0.248)	0 (.)	0 (.)	0.362 (0.546)
<i>Years of Education</i>			0.323*** (0.0302)		
<i>Institutions</i>			-0.0130 (0.0549)		
<i>Autonomy</i>			-0.0130 (0.0155)		
<i>Institutions*Autonomy</i>			0.0501* (0.0217)		
Constant	8.888*** (0.343)	10.47*** (0.524)	6.920*** (0.277)	11.99*** (1.097)	0.129 (1.323)
<i>N</i>	468	468	306	429	325
adj. <i>R</i> <sup>2</sup>	0.885	0.895	0.966	0.943	0.169

Country fixed-effects included in all regressions.

Standard errors in parentheses. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table F1: Robustness: first-nature, second-nature and remoteness (London region as a frontier).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	-0.0149 (0.0278)	-0.0947*** (0.0233)	-0.0307 (0.0246)	-0.00740 (0.0244)	-0.0747** (0.0236)	-0.0316 (0.0245)	0.00897 (0.0278)	-0.0842*** (0.0232)	-0.0321 (0.0246)
<i>Island (dummy)</i>		-0.250*** (0.0569)	-0.0118 (0.0717)		-0.201*** (0.0546)	-0.0201 (0.0708)		-0.213*** (0.0538)	-0.0224 (0.0710)
<i>Overseas Island (dummy)</i>		-2.674*** (0.505)	0 (.)		-1.597*** (0.368)	0 (.)		-2.085*** (0.399)	0 (.)
<i>Overseas Island * Area</i>		0.137** (0.0494)	0 (.)		0.145** (0.0442)	0 (.)		0.186*** (0.0463)	0 (.)
<i>GeoRemote</i>	-0.227*** (0.0490)	0.199* (0.0852)	-0.0388 (0.0381)						
<i>Overseas Island * GeoRemote</i>		-0.686*** (0.161)	0 (.)						
<i>LingRemote</i>				-0.206*** (0.0426)	-0.0685 (0.0461)	0.0239 (0.0200)			
<i>Overseas Island * LingRemote</i>					-0.183*** (0.0486)	0 (.)			
<i>EthnRemote</i>							-0.152*** (0.0427)	0.0559 (0.0474)	-0.0201 (0.0184)
<i>Overseas Island * EthnRemote</i>								-0.268*** (0.0513)	0 (.)
<i>Years of Education</i>			0.323*** (0.0304)			0.323*** (0.0303)			0.323*** (0.0305)
<i>Institutions</i>			-0.0163 (0.0558)			-0.00788 (0.0561)			-0.0142 (0.0553)
<i>Autonomy</i>			-0.0111 (0.0155)			-0.0136 (0.0159)			-0.0104 (0.0159)
<i>Institutions*Autonomy</i>			0.0507* (0.0213)			0.0484* (0.0220)			0.0520* (0.0213)
Constant	9.904*** (0.272)	11.73*** (0.347)	6.413*** (0.486)	10.35*** (0.252)	11.06*** (0.248)	6.847*** (0.247)	9.825*** (0.229)	11.19*** (0.340)	6.837*** (0.248)
<i>N</i>	467	467	305	467	467	305	467	467	305
adj. <i>R</i> <sup>2</sup>	0.876	0.898	0.966	0.884	0.898	0.966	0.872	0.897	0.966

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 Dependent variable: log GDP per capita. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table F2: Robustness: the influence of first-nature on second-nature (London region as a frontier).

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Area</i>	<i>Education</i>	<i>Inst*Aut</i>	<i>Education</i>	<i>Inst*Aut</i>	<i>Education</i>	<i>Inst*Aut</i>	<i>Education</i>	<i>Inst*Aut</i>
	-0.203*** (0.0560)	0.00392 (0.0502)	-0.203*** (0.0561)	-0.00250 (0.0494)	-0.203*** (0.0563)	-0.000737 (0.0488)	-0.203*** (0.0561)	-0.00265 (0.0480)
<i>Island</i> (dummy)	-0.449*** (0.163)	-0.536* (0.295)	-0.463*** (0.159)	-0.575* (0.297)	-0.463*** (0.158)	-0.569* (0.297)	-0.463*** (0.158)	-0.576* (0.296)
<i>Overseas Island</i> (dummy)	0 (.)	-0.150 (0.635)	0 (.)	-0.675 (1.331)	0 (.)	-1.451 (1.644)	0 (.)	-0.0652 (0.751)
<i>Overseas Island * Area</i>	0 (.)	0.163 (0.108)	0 (.)	0.199 (0.181)	0 (.)	0.301 (0.231)	0 (.)	0.123 (0.106)
<i>GeoRemote</i>	-0.104 (0.133)	-0.152 (0.223)						
<i>Overseas Island * GeoRemote</i>	0 (.)	-0.252 (0.420)						
<i>LingRemote</i>			0.00649 (0.0419)	0.0520 (0.0960)				
<i>Overseas Island * LingRemote</i>			0 (.)	-0.501 (0.613)				
<i>EthnRemote</i>					-0.00992 (0.0630)	0.170 (0.106)		
<i>Overseas Island * EthnRemote</i>					0 (.)	-1.229 (0.914)		
Constant	13.92*** (0.698)	-0.388 (0.551)	12.93*** (0.574)	-0.134 (0.488)	12.93*** (0.575)	0.330 (0.764)	9.391*** (0.480)	-0.148 (0.473)
<i>N</i>	428	324	428	324	428	324	428	324
adj. <i>R</i> <sup>2</sup>	0.943	0.172	0.943	0.171	0.943	0.177	0.943	0.175

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table F3: Robustness on second-nature regressions

	(1)	(2)	(3)	(4)	(5)
<i>Area</i>	-0.101*** (0.0249)			-0.105*** (0.0277)	
<i>Population</i>		-0.0636* (0.0370)	0.0680*** (0.0209)		0.0369** (0.0155)
<i>Overseas Island * Area</i>	0.0931** (0.0460)			0.0677* (0.0397)	
<i>Overseas Island * Population</i>		0.226* (0.119)	0.0967 (0.109)		0.125 (0.114)
<i>Island (dummy)</i>	-0.121 (0.0891)	-0.0691 (0.103)	-0.0435 (0.107)	-0.233*** (0.0826)	-0.155** (0.0674)
<i>Overseas Island (dummy)</i>	-1.262*** (0.412)	-3.372** (1.570)	-1.566 (1.422)	-0.873*** (0.328)	-1.817 (1.478)
<i>Institutions</i>	-0.142 (0.0915)	0.00517 (0.0865)	-0.0466 (0.0398)		
<i>Autonomy</i>	-0.0277 (0.0196)	-0.0468** (0.0227)	-0.0241 (0.0249)		
<i>Institutions * Autonomy</i>	0.111*** (0.0302)	0.0870*** (0.0282)	0.105*** (0.0280)		
Constant	10.70*** (0.226)	10.85*** (0.437)	7.839*** (0.291)	10.76*** (0.233)	6.750*** (0.297)
N	301	301	1269	301	1789
R <sup>2</sup>	0.930	0.910	0.872	0.926	0.858

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 Dependent variable: log GDP per capita. \*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table F4: Robustness: all island countries' regions as islands.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	0.00279 (0.0247)	-0.0768** (0.0236)	-0.0281 (0.0249)	0.0126 (0.0268)	-0.0766** (0.0235)	-0.0332 (0.0249)	0.0170 (0.0277)	-0.0785*** (0.0233)	-0.0332 (0.0250)
<i>Island (dummy)</i>		-0.264** (0.0894)	-0.0496 (0.0781)		-0.237** (0.0808)	-0.0754 (0.0746)		-0.232** (0.0797)	-0.0775 (0.0747)
<i>Overseas Island (dummy)</i>		-1.947*** (0.431)	0 (.)		-1.986*** (0.357)	0 (.)		-1.986*** (0.349)	0 (.)
<i>Overseas Island * Area</i>		0.120* (0.0534)	0 (.)		0.163*** (0.0431)	0 (.)		0.162*** (0.0419)	0 (.)
<i>GeoRemote</i>	-0.150*** (0.0259)	0.00211 (0.0272)	-0.0323 (0.0225)						
<i>Overseas Island * GeoRemote</i>		-0.477** (0.150)	0 (.)						
<i>LingRemote</i>				-0.0699*** (0.0167)	0.0183 (0.0150)	-0.0137 (0.0113)			
<i>Overseas Island * LingRemote</i>					-0.247*** (0.0490)	0 (.)			
<i>EthnRemote</i>							-0.0569*** (0.0157)	0.0241 (0.0157)	-0.0163 (0.0102)
<i>Overseas Island * EthnRemote</i>								-0.255*** (0.0486)	0 (.)
<i>Years of Education</i>			0.318*** (0.0340)			0.320*** (0.0346)			0.321*** (0.0346)
<i>Institutions</i>			-0.0127 (0.0560)			-0.0103 (0.0559)			-0.00922 (0.0558)
<i>Autonomy</i>			-0.00518 (0.0158)			-0.00426 (0.0159)			-0.00371 (0.0158)
<i>Institutions*Autonomy</i>			0.0465* (0.0217)			0.0497* (0.0213)			0.0493* (0.0212)
Constant	9.249*** (0.243)	11.60*** (0.373)	6.527*** (0.490)	9.315*** (0.237)	11.69*** (0.359)	6.621*** (0.524)	9.369*** (0.231)	10.72*** (0.239)	6.602*** (0.523)
<i>N</i>	446	446	291	446	446	291	446	446	291
adj. <i>R</i> <sup>2</sup>	0.887	0.900	0.965	0.880	0.905	0.965	0.877	0.906	0.965

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 Dependent variable: log GDP per capita. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

Table F5: Robustness: regressions without island countries.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	0.0262 (0.0282)	-0.0773* (0.0331)	-0.0273 (0.0296)	0.0412 (0.0312)	-0.0696* (0.0315)	-0.0339 (0.0282)	0.0451 (0.0319)	-0.0727* (0.0313)	-0.0339 (0.0283)
<i>Island (dummy)</i>		-0.199* (0.0957)	-0.0272 (0.0857)		-0.190* (0.0827)	-0.0557 (0.0797)		-0.194* (0.0817)	-0.0577 (0.0797)
<i>Overseas Island (dummy)</i>		-2.445*** (0.517)	0 (.)		-2.197*** (0.478)	0 (.)		-2.147*** (0.456)	0 (.)
<i>Overseas Island * Area</i>		0.155** (0.0538)	0 (.)		0.173** (0.0551)	0 (.)		0.167** (0.0521)	0 (.)
<i>GeoRemote</i>	-0.157*** (0.0301)	0.00781 (0.0357)	-0.0302 (0.0255)						
<i>Overseas Island * GeoRemote</i>		-0.596** (0.219)	0 (.)						
<i>LingRemote</i>				-0.0444** (0.0158)	0.0168 (0.0152)	-0.0121 (0.0120)			
<i>Overseas Island * LingRemote</i>					-0.423*** (0.118)	0 (.)			
<i>EthnRemote</i>							-0.0298* (0.0140)	0.0225 (0.0157)	-0.0142 (0.0111)
<i>Overseas Island * EthnRemote</i>								-0.473*** (0.104)	0 (.)
<i>Years of Education</i>			0.323*** (0.0381)			0.324*** (0.0387)			0.325*** (0.0387)
<i>Institutions</i>			-0.0124 (0.0601)			-0.00894 (0.0602)			-0.00809 (0.0602)
<i>Autonomy</i>			-0.0126 (0.0196)			-0.0109 (0.0194)			-0.0103 (0.0194)
<i>Institutions*Autonomy</i>			0.0730** (0.0237)			0.0749** (0.0232)			0.0745** (0.0232)
Constant	9.342*** (0.327)	11.09*** (0.433)	7.280*** (0.625)	9.732*** (0.348)	11.01*** (0.341)	7.413*** (0.626)	9.731*** (0.349)	11.05*** (0.337)	7.414*** (0.624)
<i>N</i>	330	330	255	330	330	255	330	330	255
adj. <i>R</i> <sup>2</sup>	0.884	0.899	0.964	0.873	0.898	0.964	0.871	0.899	0.964

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 Dependent variable: log GDP per capita. \*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$

## G Appendix: supplemental regressions

Additional first-nature characteristics, drawn from Mitton (2016), are considered in the supplemental regressions. Here comes a list of them. *Elevation*, taken from Google Earth, is defined as the log of one plus the elevation of the capital city of the region (expressed in thousands of feet). *Ocean Access* is a dummy variable that takes the value one if the region has immediate access to the ocean, and zero if the region is landlocked. *Terrain Ruggedness* is the average of all 30 by 30 arc-second cells of terrain ruggedness in each sub-national region (weighted by the actual surface area of each cell). *Percent Tropical* measures the percentage, in each region's land area, that falls within a tropical and subtropical biome. *Sunshine* is the average percent of day length with sunshine. *Wind Speed* is the average daily wind speed (in m/s). The other measures used in the Appendix are: *Latitude*, which measures distance from the equator; *Storm Risk*, which measures the (log) number of occurrences of hurricanes and tropical storms in each region (between 1842 and 2010); *Earthquake Risk*, which measures the (log) number of distinct fault lines present in each region; *Malaria Risk*, a measure of the risk of malaria transmission based on a global grid produced by Kiszewski et al. (2004), which takes climatic factors (temperature and precipitation) and biologic characteristics of locally dominant vector mosquitoes into account; *Precipitation* (that is, average monthly rainfall); *Rain Days* (that is, average number of days per month with precipitation); *Temperature* (that is, average daily mean temperature); *Temperature Range* (that is, average daily diurnal temperature range); *Humidity* (that is, average daily relative humidity); *Frost Days* (that is, average number of days per month with ground frost). Finally, three precious mineral resources, three non-precious mineral resources, and three agricultural resources are considered. *Oil and Gas* is defined as the number of oil and gas fields within each sub-national region in the dataset. *Diamonds* and *Precious Metals* are defined as the number of sites for each resource located within each sub-national region. *Base Metals*, *Iron*, and *Alloyants* are defined as the number of sites containing each resource located within each sub-national region, scaled by total land area in the region. *Water* is defined as the total area of the main lakes and rivers contained within the borders of each region, scaled by total area in the region. *Agricultural Land* is defined as the percentage of land in the sub-national region that meets a minimum threshold of suitability for agricultural purposes. *Soil Quality* measures the average level of suitability of the agricultural land according to seven dimensions: ease of tillage, nutrient availability, nutrient retention, oxygen availability, pH levels, rooting conditions, and salinity.



## G.1 Additional 'first-nature' regressions

Table G1: Robustness: 'first-nature' regressions with geographic remoteness and geographic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Area</i>	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
	-0.0914*** (0.0235)	-0.0907*** (0.0241)	-0.0927*** (0.0242)	-0.0976*** (0.0232)	-0.0926*** (0.0250)	-0.0950*** (0.0233)	-0.0879*** (0.0305)
<i>Island (dummy)</i>	-0.176*** (0.0642)	-0.185*** (0.0617)	-0.184*** (0.0627)	-0.168*** (0.0612)	-0.160** (0.0621)	-0.167*** (0.0627)	-0.201*** (0.0643)
<i>Overseas Island (dummy)</i>	-0.958 (1.211)	-0.131 (0.366)	-0.958 (0.920)	-1.224 (1.127)	-0.312 (0.623)	-0.0195 (0.396)	-0.951 (0.774)
<i>Overseas Island * Area</i>	0.0671 (0.133)	-0.0120 (0.0428)	0.100 (0.120)	0.120 (0.143)	0.0156 (0.0808)	-0.0259 (0.0467)	0.105 (0.110)
<i>GeoRemote</i>	-0.0462 (0.0304)	-0.0349 (0.0271)	-0.0411 (0.0277)	-0.0255 (0.0275)	-0.0427 (0.0274)	-0.0377 (0.0271)	-0.0433 (0.0282)
<i>Overseas Island * GeoRemote</i>	-0.0170 (0.219)	0.134** (0.0556)	0.0299 (0.156)	-0.0781 (0.207)	0.0979 (0.131)	0.166*** (0.0606)	0.0578 (0.0528)
<i>Latitude</i>	-0.115 (0.121)						
<i>Elevation</i>		-0.0560** (0.0241)					
<i>Ocean Access</i>			0.0447** (0.0196)				
<i>Terrain Ruggedness</i>				-0.0499* (0.0299)			
<i>Storm Risk</i>					-0.0160 (0.0232)		
<i>Earthquake Risk</i>						-0.00397 (0.0253)	
<i>Malaria Risk</i>							0.0378 (0.107)
Constant	11.41*** (0.339)	11.20*** (0.264)	11.16*** (0.268)	11.26*** (0.254)	11.18*** (0.273)	11.23*** (0.263)	11.43*** (0.431)
<i>N</i>	380	380	380	380	380	380	363
<i>R</i> <sup>2</sup>	0.924	0.925	0.924	0.924	0.924	0.923	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G2: Robustness: 'first-nature' regressions with linguistic remoteness and geographic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Area</i>	ln(GDPpc) -0.0988*** (0.0230)	ln(GDPpc) -0.0958*** (0.0237)	ln(GDPpc) -0.0989*** (0.0237)	ln(GDPpc) -0.101*** (0.0228)	ln(GDPpc) -0.0996*** (0.0245)	ln(GDPpc) -0.0984*** (0.0229)	ln(GDPpc) -0.0949*** (0.0296)
<i>Island (dummy)</i>	-0.217*** (0.0602)	-0.219*** (0.0538)	-0.222*** (0.0546)	-0.191*** (0.0536)	-0.201*** (0.0541)	-0.204*** (0.0547)	-0.240*** (0.0561)
<i>Overseas Island (dummy)</i>	-1.067* (0.585)	-0.699** (0.285)	-1.318*** (0.487)	-1.287** (0.516)	-0.782** (0.323)	-0.683** (0.304)	-1.254** (0.554)
<i>Overseas Island * Area</i>	0.0726 (0.0628)	0.0397 (0.0352)	0.136* (0.0706)	0.134* (0.0763)	0.0547 (0.0467)	0.0358 (0.0388)	0.129 (0.0831)
<i>LingRemote</i>	-0.00201 (0.0145)	0.00183 (0.0136)	-0.00243 (0.0139)	-0.00201 (0.0136)	-0.00150 (0.0141)	-0.000827 (0.0140)	-0.0114 (0.0123)
<i>Overseas Island * LingRemote</i>	0.0496 (0.102)	-0.0260 (0.0229)	0.0529 (0.0542)	0.108 (0.0851)	-0.00497 (0.0580)	-0.0334 (0.0258)	0.00827 (0.0185)
<i>Latitude</i>	-0.0976 (0.117)						
<i>Elevation</i>		-0.0577*** (0.0244)					
<i>Ocean Access</i>			0.0441** (0.0196)				
<i>Terrain Ruggedness</i>				-0.0556* (0.0298)			
<i>Storm Risk</i>					-0.0122 (0.0233)		
<i>Earthquake Risk</i>						-0.0111 (0.0254)	
<i>Malaria Risk</i>							0.0268 (0.109)
Constant	11.66*** (0.343)	11.41*** (0.199)	11.41*** (0.202)	11.41*** (0.191)	11.44*** (0.207)	11.46*** (0.194)	11.57*** (0.408)
<i>N</i>	380	380	380	380	380	380	363
<i>R</i> <sup>2</sup>	0.923	0.925	0.924	0.924	0.923	0.923	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G3: Robustness: 'first-nature' regressions with ethnic remoteness and geographic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0988*** (0.0230)	-0.0957*** (0.0237)	-0.0989*** (0.0237)	-0.101*** (0.0228)	-0.0997*** (0.0245)	-0.0984*** (0.0229)	-0.0953*** (0.0296)
<i>Island (dummy)</i>	-0.217*** (0.0601)	-0.219*** (0.0537)	-0.222*** (0.0545)	-0.191*** (0.0534)	-0.201*** (0.0540)	-0.204*** (0.0545)	-0.241*** (0.0559)
<i>Overseas Island (dummy)</i>	-1.066* (0.584)	-0.700** (0.284)	-1.318*** (0.486)	-1.285** (0.516)	-0.782** (0.321)	-0.683** (0.303)	-1.267** (0.550)
<i>Overseas Island * Area</i>	0.0725 (0.0626)	0.0398 (0.0351)	0.136* (0.0705)	0.133* (0.0761)	0.0547 (0.0465)	0.0359 (0.0387)	0.130 (0.0829)
<i>EthnRemote</i>	-0.00214 (0.0137)	0.00231 (0.0129)	-0.00206 (0.0131)	-0.00207 (0.0129)	-0.00176 (0.0134)	-0.00124 (0.0132)	-0.00891 (0.0117)
<i>Overseas Island * EthnRemote</i>	0.0557 (0.114)	-0.0294 (0.0243)	0.0587 (0.0603)	0.121 (0.0949)	-0.00551 (0.0653)	-0.0372 (0.0277)	0.00547 (0.0202)
<i>Latitude</i>	-0.0976 (0.117)						
<i>Elevation</i>		-0.0578*** (0.0245)					
<i>Ocean Access</i>			0.0440** (0.0196)				
<i>Terrain Ruggedness</i>				-0.0556* (0.0298)			
<i>Storm Risk</i>					-0.0122 (0.0232)		
<i>Earthquake Risk</i>						-0.0111 (0.0254)	
<i>Malaria Risk</i>							0.0262 (0.109)
Constant	11.66*** (0.343)	11.41*** (0.198)	11.41*** (0.201)	11.41*** (0.191)	11.44*** (0.207)	11.46*** (0.193)	10.58*** (0.266)
<i>N</i>	380	380	380	380	380	380	363
<i>R</i> <sup>2</sup>	0.923	0.925	0.924	0.924	0.923	0.923	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G4: Robustness: 'first-nature' regressions with geographic remoteness and climatic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0978*** (0.0229)	-0.105*** (0.0239)	-0.105*** (0.0241)	-0.0969*** (0.0224)	-0.105*** (0.0283)	-0.105*** (0.0252)	-0.108*** (0.0248)	-0.104*** (0.0232)	-0.101*** (0.0245)
<i>Island (dummy)</i>	-0.153** (0.0631)	-0.200*** (0.0607)	-0.208*** (0.0607)	-0.214*** (0.0619)	-0.195*** (0.0664)	-0.198*** (0.0610)	-0.216*** (0.0602)	-0.196*** (0.0623)	-0.237*** (0.0608)
<i>Overseas Island (dummy)</i>	0.227 (1.122)	0.114 (0.474)	0.0621 (0.447)	-0.790 (0.871)	-0.108 (0.458)	-0.171 (0.468)	-0.648 (0.568)	-0.0860 (0.392)	1.203 (0.793)
<i>Overseas Island * Area</i>	-0.0233 (0.146)	-0.0406 (0.0537)	-0.0363 (0.0527)	0.0638 (0.106)	-0.0171 (0.0524)	-0.00832 (0.0562)	0.0525 (0.0711)	-0.0183 (0.0463)	-0.149* (0.0841)
<i>GeoRemote</i>	-0.0236 (0.0279)	-0.0303 (0.0277)	-0.0298 (0.0270)	-0.0368 (0.0281)	-0.0313 (0.0273)	-0.0314 (0.0273)	-0.0285 (0.0264)	-0.0304 (0.0279)	-0.0268 (0.0263)
<i>Overseas Island * GeoRemote</i>	0.296 (0.201)	0.197** (0.0770)	0.170*** (0.0621)	0.0616 (0.127)	0.152** (0.0754)	0.146** (0.0709)	0.191** (0.0764)	0.160*** (0.0595)	0.631*** (0.241)
<i>Percent Tropical</i>	-0.133** (0.0531)								
<i>Precipitation</i>		-0.0150 (0.0267)							
<i>Rain Days</i>			-0.0288 (0.0390)						
<i>Temperature</i>				0.0793 (0.0603)					
<i>Temperature Range</i>					0.00985 (0.0471)				
<i>Humidity</i>						-0.0206 (0.0383)			
<i>Sunshine</i>							0.0875* (0.0447)		
<i>Frost Days</i>								0.0125 (0.0366)	
<i>Wind Speed</i>									0.0744** (0.0346)
Constant	11.18*** (0.251)	11.35*** (0.258)	11.42*** (0.269)	11.45*** (0.290)	11.36*** (0.285)	11.38*** (0.269)	11.55*** (0.320)	11.33*** (0.273)	11.36*** (0.260)
<i>N</i>	380	378	378	378	378	378	378	378	378
<i>R</i> <sup>2</sup>	0.925	0.925	0.925	0.925	0.925	0.925	0.926	0.925	0.926

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G5: Robustness: 'first-nature' regressions with linguistic remoteness and climatic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0227)	-0.110*** (0.0235)	-0.110*** (0.0238)	-0.103*** (0.0221)	-0.110*** (0.0278)	-0.111*** (0.0250)	-0.112*** (0.0245)	-0.110*** (0.0229)	-0.104*** (0.0240)
<i>Island (dummy)</i>	-0.175*** (0.0559)	-0.228*** (0.0529)	-0.237*** (0.0530)	-0.248*** (0.0564)	-0.224*** (0.0592)	-0.228*** (0.0528)	-0.244*** (0.0535)	-0.224*** (0.0561)	-0.263*** (0.0551)
<i>Overseas Island (dummy)</i>	-1.110 (0.721)	-0.608* (0.351)	-0.611* (0.345)	-1.171** (0.557)	-0.739** (0.325)	-0.785** (0.342)	-1.424** (0.558)	-0.727** (0.309)	-0.997* (0.577)
<i>Overseas Island * Area</i>	0.128 (0.108)	0.0290 (0.0442)	0.0299 (0.0443)	0.0998 (0.0704)	0.0453 (0.0408)	0.0521 (0.0437)	0.132* (0.0704)	0.0450 (0.0389)	0.0857 (0.0831)
<i>LingRemote</i>	0.00388 (0.0137)	-0.00258 (0.0135)	-0.00178 (0.0137)	-0.00280 (0.0136)	-0.00364 (0.0135)	-0.00329 (0.0134)	-0.00399 (0.0133)	-0.00397 (0.0134)	-0.00816 (0.0134)
<i>Overseas Island * LingRemote</i>	-0.0517 (0.0707)	-0.0579 (0.0480)	-0.0381 (0.0279)	0.0229 (0.0522)	-0.0247 (0.0363)	-0.0227 (0.0302)	-0.0400 (0.0306)	-0.0318 (0.0252)	-0.223** (0.104)
<i>Percent Tropical</i>	-0.140*** (0.0521)								
<i>Precipitation</i>		-0.0171 (0.0267)							
<i>Rain Days</i>			-0.0308 (0.0399)						
<i>Temperature</i>				0.0746 (0.0594)					
<i>Temperature Range</i>					0.0111 (0.0467)				
<i>Humidity</i>						-0.0211 (0.0382)			
<i>Sunshine</i>							0.0892** (0.0451)		
<i>Frost Days</i>								0.0171 (0.0361)	
<i>Wind Speed</i>									0.0770** (0.0357)
Constant	11.32*** (0.196)	11.54*** (0.197)	11.61*** (0.216)	11.67*** (0.261)	11.55*** (0.227)	11.57*** (0.216)	11.77*** (0.266)	11.50*** (0.231)	11.52*** (0.201)
<i>N</i>	380	378	378	378	378	378	378	378	378
<i>R</i> <sup>2</sup>	0.925	0.925	0.925	0.925	0.924	0.925	0.926	0.924	0.926

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G6: Robustness: 'first-nature' regressions with ethnic remoteness and climatic factors

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0227)	-0.110*** (0.0235)	-0.110*** (0.0238)	-0.103*** (0.0221)	-0.110*** (0.0278)	-0.111*** (0.0250)	-0.113*** (0.0245)	-0.110*** (0.0228)	-0.105*** (0.0240)
<i>Island (dummy)</i>	-0.174*** (0.0559)	-0.229*** (0.0528)	-0.237*** (0.0527)	-0.248*** (0.0562)	-0.224*** (0.0590)	-0.229*** (0.0525)	-0.244*** (0.0532)	-0.224*** (0.0558)	-0.264*** (0.0550)
<i>Overseas Island (dummy)</i>	-1.107 (0.718)	-0.610* (0.351)	-0.614* (0.345)	-1.174** (0.557)	-0.742** (0.324)	-0.788** (0.342)	-1.429** (0.559)	-0.730** (0.308)	-1.004* (0.576)
<i>Overseas Island * Area</i>	0.128 (0.108)	0.0291 (0.0441)	0.0300 (0.0443)	0.0999 (0.0703)	0.0454 (0.0408)	0.0522 (0.0437)	0.132* (0.0704)	0.0452 (0.0389)	0.0863 (0.0829)
<i>EthnRemote</i>	0.00285 (0.0129)	-0.00211 (0.0126)	-0.00120 (0.0127)	-0.00188 (0.0127)	-0.00307 (0.0126)	-0.00257 (0.0126)	-0.00274 (0.0123)	-0.00337 (0.0125)	-0.00708 (0.0123)
<i>Overseas Island * EthnRemote</i>	-0.0564 (0.0789)	-0.0661 (0.0528)	-0.0437 (0.0299)	0.0245 (0.0578)	-0.0288 (0.0400)	-0.0266 (0.0328)	-0.0466 (0.0335)	-0.0369 (0.0271)	-0.252** (0.117)
<i>Percent Tropical</i>	-0.139*** (0.0520)								
<i>Precipitation</i>		-0.0172 (0.0266)							
<i>Rain Days</i>			-0.0310 (0.0399)						
<i>Temperature</i>				0.0746 (0.0595)					
<i>Temperature Range</i>					0.0111 (0.0468)				
<i>Humidity</i>						-0.0210 (0.0382)			
<i>Sunshine</i>							0.0891** (0.0452)		
<i>Frost Days</i>								0.0170 (0.0361)	
<i>Wind Speed</i>									0.0767** (0.0356)
Constant	11.32*** (0.196)	11.54*** (0.196)	11.61*** (0.215)	11.67*** (0.261)	11.55*** (0.226)	11.57*** (0.216)	11.77*** (0.266)	11.50*** (0.230)	11.52*** (0.201)
<i>N</i>	380	378	378	378	378	378	378	378	378
<i>R<sup>2</sup></i>	0.925	0.925	0.925	0.925	0.924	0.924	0.926	0.924	0.926

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G7: Robustness: 'first-nature' regressions with geographic remoteness and natural resources

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0965*** (0.0240)	-0.0982*** (0.0233)	-0.0995*** (0.0238)	-0.0966*** (0.0240)	-0.0959*** (0.0239)	-0.0971*** (0.0240)	-0.0956*** (0.0237)	-0.0973*** (0.0232)	-0.104*** (0.0237)
<i>Island (dummy)</i>	-0.165*** (0.0629)	-0.163*** (0.0630)	-0.158** (0.0632)	-0.163*** (0.0633)	-0.165*** (0.0630)	-0.161** (0.0631)	-0.166*** (0.0631)	-0.148** (0.0686)	-0.175*** (0.0628)
<i>Overseas Island (dummy)</i>	-0.0254 (0.398)	-0.199 (0.504)	-0.0250 (0.399)	-0.0606 (0.398)	-0.0227 (0.397)	-0.0403 (0.406)	-0.0144 (0.396)	-1.290 (1.273)	0.644** (0.264)
<i>Overseas Island * Area</i>	-0.0244 (0.0470)	-0.00598 (0.0597)	-0.0204 (0.0474)	-0.0189 (0.0475)	-0.0250 (0.0470)	-0.0213 (0.0484)	-0.0256 (0.0469)	0.127 (0.162)	-0.127*** (0.0280)
<i>GeoRemote</i>	-0.0394 (0.0280)	-0.0421 (0.0280)	-0.0505* (0.0285)	-0.0416 (0.0288)	-0.0386 (0.0285)	-0.0442 (0.0286)	-0.0392 (0.0277)	-0.0207 (0.0268)	-0.0350 (0.0282)
<i>Overseas Island * GeoRemote</i>	0.167*** (0.0610)	0.112 (0.108)	0.176*** (0.0617)	0.164*** (0.0597)	0.167*** (0.0613)	0.164*** (0.0623)	0.168*** (0.0607)	-0.138 (0.259)	0.201*** (0.0381)
<i>Oil and Gas</i>	0.00279 (0.00413)								
<i>Diamonds</i>		0.0530 (0.0774)							
<i>Precious Metals</i>			0.0161** (0.00638)						
<i>Base Metals</i>				0.00589 (0.00680)					
<i>Iron</i>					0.000664 (0.00552)				
<i>Alloyants</i>					0.0127** (0.00530)				
<i>Water</i>							-0.00478 (0.0120)		
<i>Agricultural Land</i>								0.0707 (0.0487)	
<i>Soil Quality</i>									-0.0466 (0.0307)
Constant	11.23*** (0.262)	11.22*** (0.264)	11.20*** (0.261)	11.22*** (0.262)	11.23*** (0.262)	11.21*** (0.262)	11.23*** (0.263)	10.58*** (0.256)	11.61*** (0.332)
N	380	380	380	380	380	380	380	377	377
R <sup>2</sup>	0.923	0.924	0.924	0.924	0.923	0.924	0.923	0.927	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$



Table G8: Robustness: 'first-nature' regressions with linguistic remoteness and natural resources

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.102*** (0.0237)	-0.104*** (0.0230)	-0.106*** (0.0237)	-0.102*** (0.0238)	-0.101*** (0.0236)	-0.103*** (0.0238)	-0.101*** (0.0234)	-0.101*** (0.0227)	-0.110*** (0.0231)
<i>Island (dummy)</i>	-0.202*** (0.0546)	-0.203*** (0.0544)	-0.204*** (0.0547)	-0.202*** (0.0546)	-0.201*** (0.0547)	-0.202*** (0.0547)	-0.203*** (0.0547)	-0.168*** (0.0614)	-0.208*** (0.0548)
<i>Overseas Island (dummy)</i>	-0.709** (0.309)	-0.722** (0.305)	-0.743** (0.309)	-0.721** (0.314)	-0.699** (0.309)	-0.718** (0.310)	-0.701** (0.308)	-1.320 (1.040)	0.306 (0.232)
<i>Overseas Island * Area</i>	0.0396 (0.0393)	0.0408 (0.0388)	0.0435 (0.0393)	0.0412 (0.0398)	0.0384 (0.0392)	0.0407 (0.0393)	0.0387 (0.0391)	0.143 (0.168)	-0.123*** (0.0262)
<i>LingRemote</i>	-0.00189 (0.0142)	-0.00173 (0.0142)	-0.00253 (0.0142)	-0.00178 (0.0142)	-0.00184 (0.0142)	-0.00223 (0.0142)	-0.00189 (0.0142)	0.00937 (0.0156)	0.000314 (0.0138)
<i>Overseas Island * LingRemote</i>	-0.0324 (0.0259)	-0.0108 (0.0466)	-0.0306 (0.0259)	-0.0316 (0.0258)	-0.0324 (0.0259)	-0.0286 (0.0260)	-0.0326 (0.0259)	0.116 (0.185)	-0.123*** (0.0279)
<i>Oil and Gas</i>	0.00227 (0.00409)								
<i>Diamonds</i>		0.0417 (0.0757)							
<i>Precious Metals</i>			0.0130** (0.00568)						
<i>Base Metals</i>				0.00281 (0.00629)					
<i>Iron</i>					0.00279 (0.00549)				
<i>Alloyants</i>						0.0104** (0.00490)			
<i>Water</i>							-0.00427 (0.0122)		
<i>Agricultural Land</i>								0.0732 (0.0488)	
<i>Soil Quality</i>									-0.0447 (0.0303)
Constant	11.47*** (0.199)	11.47*** (0.195)	11.50*** (0.199)	11.47*** (0.200)	11.46*** (0.198)	11.48*** (0.200)	11.47*** (0.197)	10.76*** (0.236)	10.75*** (0.233)
N	380	380	380	380	380	380	380	377	377
R <sup>2</sup>	0.923	0.923	0.924	0.923	0.923	0.923	0.923	0.927	0.924

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G9: Robustness: 'first-nature' regressions with ethnic remoteness and natural resources

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.102*** (0.0237)	-0.104*** (0.0230)	-0.106*** (0.0237)	-0.102*** (0.0238)	-0.101*** (0.0236)	-0.103*** (0.0238)	-0.101*** (0.0234)	-0.101*** (0.0227)	-0.110*** (0.0231)
<i>Island (dummy)</i>	-0.202*** (0.0545)	-0.203*** (0.0543)	-0.205*** (0.0545)	-0.202*** (0.0545)	-0.201*** (0.0546)	-0.203*** (0.0545)	-0.203*** (0.0546)	-0.167*** (0.0616)	-0.208*** (0.0546)
<i>Overseas Island (dummy)</i>	-0.710** (0.309)	-0.722** (0.304)	-0.745** (0.309)	-0.721** (0.314)	-0.699** (0.308)	-0.720** (0.309)	-0.701** (0.307)	-1.309 (1.034)	0.305 (0.230)
<i>Overseas Island * Area</i>	0.0397 (0.0392)	0.0409 (0.0388)	0.0436 (0.0392)	0.0413 (0.0398)	0.0386 (0.0392)	0.0408 (0.0393)	0.0388 (0.0391)	0.142 (0.168)	-0.123*** (0.0262)
<i>EthnRemote</i>	-0.00204 (0.0134)	-0.00208 (0.0134)	-0.00182 (0.0135)	-0.00193 (0.0134)	-0.00209 (0.0134)	-0.00183 (0.0134)	-0.00208 (0.0134)	0.00806 (0.0148)	0.000236 (0.0130)
<i>Overseas Island * EthnRemote</i>	-0.0365 (0.0278)	-0.0119 (0.0519)	-0.0355 (0.0278)	-0.0356 (0.0276)	-0.0364 (0.0278)	-0.0329 (0.0278)	-0.0366 (0.0278)	0.132 (0.208)	-0.138*** (0.0294)
<i>Oil and Gas</i>	0.00225 (0.00408)								
<i>Diamonds</i>		0.0418 (0.0757)							
<i>Precious Metals</i>			0.0129** (0.00569)						
<i>Base Metals</i>				0.00277 (0.00628)					
<i>Iron</i>					0.00280 (0.00549)				
<i>Alloyants</i>						0.0104** (0.00489)			
<i>Water</i>							-0.00426 (0.0122)		
<i>Agricultural Land</i>								0.0730 (0.0487)	
<i>Soil Quality</i>									-0.0447 (0.0302)
Constant	11.47*** (0.198)	11.47*** (0.194)	11.50*** (0.199)	11.47*** (0.199)	11.46*** (0.198)	11.48*** (0.200)	11.47*** (0.196)	10.75*** (0.229)	10.75*** (0.229)
N	380	380	380	380	380	380	380	377	377
R <sup>2</sup>	0.923	0.923	0.924	0.923	0.923	0.923	0.923	0.927	0.924

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

## G.2 Additional regressions on the effect of other 'first-nature' factors on cultural remoteness

Table G10: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>
<i>Area</i>	-0.0180 (0.0551)	-0.0273 (0.0540)	-0.0160 (0.0534)	-0.0183 (0.0536)	-0.0280 (0.0561)	-0.0579 (0.0583)	0.0491 (0.0548)
<i>Island</i> (dummy)	-0.00637 (0.230)	0.0399 (0.231)	-0.0140 (0.232)	-0.0130 (0.226)	-0.0257 (0.231)	0.0671 (0.228)	-0.0800 (0.199)
<i>Overseas Island</i> (dummy)	-3.964 (3.081)	-3.998 (2.706)	-4.440 (3.152)	-5.356 (3.920)	-3.263 (2.369)	-4.351* (2.627)	-15.79*** (1.852)
<i>Overseas Island * Area</i>	0.614* (0.364)	0.612* (0.344)	0.669* (0.402)	0.777 (0.485)	0.506 (0.307)	0.681** (0.335)	2.260*** (0.252)
<i>GeoRemote</i>	0.194** (0.0871)	0.184** (0.0876)	0.192** (0.0864)	0.205** (0.0950)	0.205** (0.0907)	0.142* (0.0851)	0.162* (0.0898)
<i>Overseas Island * GeoRemote</i>	-2.225*** (0.560)	-2.206*** (0.468)	-2.308*** (0.527)	-2.507*** (0.727)	-2.047*** (0.427)	-2.225*** (0.450)	-3.412*** (0.147)
<i>Latitude</i>	0.0314 (0.215)						
<i>Elevation</i>		0.117 (0.0728)					
<i>Ocean Access</i>			0.0105 (0.0692)				
<i>Terrain Ruggedness</i>				-0.0472 (0.0967)			
<i>Storm Risk</i>					0.0528 (0.0485)		
<i>Earthquake Risk</i>						0.160*** (0.0585)	
<i>Malaria Risk</i>							-0.266 (0.247)
Constant	0.200 (0.778)	0.304 (0.697)	0.233 (0.693)	0.283 (0.707)	0.425 (0.761)	0.0932 (0.670)	-0.397 (0.705)
<i>N</i>	382	382	382	382	382	382	365
<i>R</i> <sup>2</sup>	0.701	0.703	0.701	0.701	0.701	0.704	0.709

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G11: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>
<i>Area</i>	-0.0125 (0.0536)	0.0607 (0.0481)	0.0574 (0.0447)	0.0303 (0.0450)	0.0376 (0.0445)	0.0480 (0.0438)	0.0378 (0.0425)	0.0258 (0.0443)	0.0446 (0.0437)
<i>Island</i> (dummy)	-0.0222 (0.222)	-0.0638 (0.187)	0.00123 (0.184)	-0.0528 (0.189)	-0.0713 (0.196)	-0.0765 (0.190)	-0.0716 (0.186)	-0.0476 (0.190)	-0.177 (0.199)
<i>Overseas Island</i> (dummy)	-4.862*** (1.046)	-5.842 (4.185)	-4.827* (2.719)	-2.607 (2.554)	-3.496 (2.593)	-3.158 (2.460)	-3.492 (2.675)	-3.479 (2.538)	0.244 (3.384)
<i>Overseas Island * Area</i>	0.636*** (0.0957)	0.846 (0.538)	0.746** (0.348)	0.482 (0.315)	0.585* (0.333)	0.546* (0.314)	0.585* (0.344)	0.583* (0.325)	0.206 (0.412)
<i>GeoRemote</i>	0.160* (0.0863)	0.148* (0.0817)	0.147* (0.0818)	0.167** (0.0834)	0.161* (0.0835)	0.160* (0.0842)	0.161* (0.0843)	0.171** (0.0837)	0.176** (0.0862)
<i>Overseas Island * GeoRemote</i>	-2.594*** (0.201)	-2.679*** (0.746)	-2.336*** (0.461)	-2.120*** (0.428)	-2.245*** (0.452)	-2.187*** (0.426)	-2.244*** (0.453)	-2.241*** (0.440)	-0.879 (0.821)
<i>Percent Tropical</i>	0.321** (0.147)								
<i>Precipitation</i>		0.173* (0.102)							
<i>Rain Days</i>			0.253** (0.119)						
<i>Temperature</i>				-0.0999 (0.123)					
<i>Temperature Range</i>					0.000745 (0.100)				
<i>Humidity</i>						0.0829 (0.103)			
<i>Sunshine</i>							-0.000298 (0.120)		
<i>Frost Days</i>								0.0991 (0.0933)	
<i>Wind Speed</i>									0.216** (0.107)
Constant	0.368 (0.709)	-0.288 (0.618)	-0.838 (0.652)	-0.352 (0.642)	-0.212 (0.598)	-0.353 (0.613)	-0.214 (0.629)	-0.352 (0.634)	-0.160 (0.621)
<i>N</i>	382	380	380	380	380	380	380	380	380
<i>R</i> <sup>2</sup>	0.705	0.721	0.722	0.719	0.718	0.718	0.718	0.719	0.722

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G12: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>	<i>LingRemote</i>
<i>Area</i>	-0.0178 (0.0540)	-0.0133 (0.0551)	-0.0177 (0.0543)	-0.0147 (0.0539)	-0.0143 (0.0543)	-0.0174 (0.0538)	-0.0159 (0.0540)	0.00415 (0.0501)	0.0216 (0.0470)
<i>Island (dummy)</i>	-0.00866 (0.230)	-0.0124 (0.230)	-0.00698 (0.230)	-0.0184 (0.229)	-0.0108 (0.230)	-0.00634 (0.230)	-0.0104 (0.230)	0.00214 (0.208)	0.0923 (0.223)
<i>Overseas Island (dummy)</i>	-4.226 (2.628)	-3.931 (2.547)	-4.220 (2.629)	-4.084 (2.650)	-4.220 (2.629)	-4.231 (2.634)	-4.203 (2.630)	3.940** (1.777)	1.514* (0.821)
<i>Overseas Island * Area</i>	0.641* (0.334)	0.609* (0.322)	0.641* (0.335)	0.618* (0.338)	0.637* (0.334)	0.642* (0.335)	0.638* (0.334)	-0.422* (0.228)	-0.140* (0.0788)
<i>GeoRemote</i>	0.191** (0.0872)	0.198** (0.0880)	0.189** (0.0904)	0.202** (0.0899)	0.199** (0.0888)	0.189** (0.0888)	0.192** (0.0873)	0.149* (0.0860)	0.158 (0.0845)
<i>Overseas Island * GeoRemote</i>	-2.274*** (0.451)	-2.186*** (0.432)	-2.273*** (0.451)	-2.266*** (0.454)	-2.282*** (0.451)	-2.278*** (0.452)	-2.274*** (0.451)	-0.899*** (0.408)	-1.676*** (0.130)
<i>Oil and Gas</i>	0.00662 (0.00605)								
<i>Diamonds</i>		-0.0867 (0.0561)							
<i>Precious Metals</i>			0.00444 (0.00917)						
<i>Base Metals</i>				-0.0209 (0.0161)					
<i>Iron</i>					0.0128 (0.00950)				
<i>Alloyants</i>						0.00789 (0.00940)			
<i>Water</i>							-0.00976 (0.0162)		
<i>Agricultural Land</i>								-0.118 (0.0749)	
<i>Soil Quality</i>									-0.137 (0.0955)
Constant	0.253 (0.706)	0.269 (0.705)	0.242 (0.707)	0.277 (0.707)	0.261 (0.706)	0.240 (0.707)	0.253 (0.705)	-6.083*** (0.722)	-6.423*** (0.733)
N	382	382	382	382	382	382	382	379	379
R <sup>2</sup>	0.701	0.701	0.701	0.701	0.701	0.701	0.701	0.703	0.702

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G13: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>
<i>Area</i>	-0.0214 (0.0546)	-0.0330 (0.0539)	-0.0206 (0.0532)	-0.0210 (0.0533)	-0.0301 (0.0562)	-0.0552 (0.0581)	0.0405 (0.0559)
<i>Island (dummy)</i>	-0.0451 (0.214)	0.0122 (0.217)	-0.0440 (0.218)	-0.0508 (0.212)	-0.0632 (0.217)	0.0170 (0.214)	-0.0900 (0.193)
<i>Overseas Island (dummy)</i>	-3.079 (2.835)	-3.100 (2.457)	-3.175 (2.752)	-4.095 (3.504)	-2.515 (2.138)	-3.486 (2.363)	-14.75*** (1.900)
<i>Overseas Island * Area</i>	0.547* (0.329)	0.542* (0.311)	0.549 (0.348)	0.663 (0.429)	0.456 (0.276)	0.611** (0.299)	2.176*** (0.261)
<i>GeoRemote</i>	0.153* (0.0878)	0.141 (0.0879)	0.152* (0.0868)	0.159* (0.0950)	0.162* (0.0908)	0.108 (0.0857)	0.124 (0.0893)
<i>Overseas Island * GeoRemote</i>	-1.945*** (0.514)	-1.917*** (0.423)	-1.973*** (0.452)	-2.150*** (0.652)	-1.798*** (0.388)	-1.959*** (0.403)	-3.084*** (0.144)
<i>Latitude</i>	0.0362 (0.208)						
<i>Elevation</i>		0.144* (0.0739)					
<i>Ocean Access</i>			-0.00951 (0.0697)				
<i>Terrain Ruggedness</i>				-0.0300 (0.0915)			
<i>Storm Risk</i>					0.0475 (0.0469)		
<i>Earthquake Risk</i>						0.137** (0.0568)	
<i>Malaria Risk</i>							-0.400 (0.254)
Constant	0.103 (0.776)	0.227 (0.705)	0.175 (0.701)	0.182 (0.714)	0.318 (0.766)	0.0264 (0.682)	-0.516 (0.717)
<i>N</i>	382	382	382	382	382	382	365
<i>R</i> <sup>2</sup>	0.708	0.712	0.708	0.709	0.709	0.711	0.712

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G14: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>
<i>Area</i>	-0.0161 (0.0535)	0.0540 (0.0484)	0.0528 (0.0451)	0.0221 (0.0456)	0.0323 (0.0453)	0.0474 (0.0446)	0.0339 (0.0431)	0.0213 (0.0449)	0.0382 (0.0446)
<i>Island</i> (dummy)	-0.0601 (0.209)	-0.0867 (0.180)	-0.0168 (0.177)	-0.0695 (0.182)	-0.0958 (0.190)	-0.102 (0.182)	-0.0856 (0.179)	-0.0731 (0.182)	-0.191 (0.193)
<i>Overseas Island</i> (dummy)	-3.953*** (1.009)	-4.963 (3.859)	-4.111* (2.464)	-1.522 (2.225)	-2.687 (2.318)	-2.183 (2.119)	-2.454 (2.381)	-2.679 (2.282)	0.745 (3.122)
<i>Overseas Island * Area</i>	0.572*** (0.0863)	0.776 (0.494)	0.695** (0.313)	0.388 (0.268)	0.523* (0.296)	0.465* (0.268)	0.493 (0.305)	0.522* (0.290)	0.176 (0.375)
<i>GeoRemote</i>	0.122 (0.0869)	0.107 (0.0825)	0.105 (0.0819)	0.128 (0.0841)	0.120 (0.0841)	0.119 (0.0846)	0.119 (0.0847)	0.129 (0.0844)	0.134 (0.0866)
<i>Overseas Island * GeoRemote</i>	-2.290*** (0.200)	-2.392*** (0.687)	-2.070*** (0.414)	-1.808*** (0.367)	-1.970*** (0.402)	-1.885*** (0.364)	-1.986*** (0.401)	-1.969*** (0.393)	-0.716 (0.771)
<i>Percent Tropical</i>	0.289* (0.152)								
<i>Precipitation</i>		0.168* (0.0947)							
<i>Rain Days</i>			0.269** (0.114)						
<i>Temperature</i>				-0.132 (0.120)					
<i>Temperature Range</i>					-0.00261 (0.0979)				
<i>Humidity</i>						0.126 (0.103)			
<i>Sunshine</i>							-0.0379 (0.119)		
<i>Frost Days</i>								0.0876 (0.0915)	
<i>Wind Speed</i>									0.198* (0.103)
Constant	0.267 (0.718)	-0.370 (0.629)	-0.963 (0.651)	-0.481 (0.649)	-0.301 (0.609)	-0.510 (0.624)	-0.404 (0.633)	-0.421 (0.643)	-0.249 (0.631)
<i>N</i>	382	380	380	380	380	380	380	380	380
<i>R</i> <sup>2</sup>	0.711	0.725	0.726	0.723	0.722	0.723	0.722	0.722	0.725

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$



Table G15: Geography and cultural distance: additional regressions.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>	<i>EthnRemote</i>
<i>Area</i>	-0.0195 (0.0538)	-0.0188 (0.0547)	-0.0166 (0.0541)	-0.0165 (0.0537)	-0.0171 (0.0540)	-0.0185 (0.0535)	-0.0195 (0.0538)	0.00184 (0.0493)	0.0178 (0.0469)
<i>Island</i> (dummy)	-0.0486 (0.216)	-0.0494 (0.216)	-0.0559 (0.216)	-0.0642 (0.215)	-0.0502 (0.216)	-0.0546 (0.216)	-0.0490 (0.216)	-0.0347 (0.197)	0.0472 (0.209)
<i>Overseas Island</i> (dummy)	-3.371 (2.365)	-3.279 (2.353)	-3.371 (2.361)	-3.143 (2.402)	-3.374 (2.365)	-3.349 (2.351)	-3.365 (2.366)	4.057** (1.676)	1.757** (0.823)
<i>Overseas Island * Area</i>	0.575* (0.299)	0.565* (0.296)	0.571* (0.298)	0.539* (0.305)	0.573* (0.299)	0.571* (0.297)	0.575* (0.299)	-0.389* (0.213)	-0.119 (0.0825)
<i>GeoRemote</i>	0.152* (0.0877)	0.153* (0.0884)	0.162* (0.0907)	0.167* (0.0901)	0.159* (0.0894)	0.158* (0.0891)	0.151* (0.0878)	0.108 (0.0864)	0.118 (0.0850)
<i>Overseas Island * GeoRemote</i>	-2.003*** (0.403)	-1.973*** (0.397)	-2.011*** (0.403)	-1.986*** (0.409)	-2.010*** (0.404)	-1.998*** (0.400)	-2.002*** (0.403)	-0.747** (0.379)	-1.462*** (0.136)
<i>Oil and Gas</i>	-0.00298 (0.00330)								
<i>Diamonds</i>		-0.0286 (0.0476)							
<i>Precious Metals</i>			-0.0154* (0.00789)						
<i>Base Metals</i>				-0.0356** (0.0155)					
<i>Iron</i>					0.0147* (0.00852)				
<i>Alloyants</i>						-0.0174** (0.00772)			
<i>Water</i>							-0.00521 (0.0164)		
<i>Agricultural Land</i>								-0.110 (0.0697)	
<i>Soil Quality</i>									-0.117 (0.0991)
Constant	0.159 (0.714)	0.167 (0.712)	0.187 (0.716)	0.208 (0.714)	0.174 (0.714)	0.183 (0.715)	0.163 (0.712)	-6.238*** (0.728)	-1.012 (0.717)
<i>N</i>	382	382	382	382	382	382	382	379	379
<i>R</i> <sup>2</sup>	0.708	0.708	0.709	0.709	0.709	0.709	0.708	0.710	0.709

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

### G.3 Additional 'second-nature' regressions

Table G16: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0923*** (0.0259)	-0.0841*** (0.0263)	-0.0883*** (0.0267)	-0.0949*** (0.0247)	-0.0896*** (0.0244)	-0.0946*** (0.0247)	-0.0593* (0.0321)
<i>Island (dummy)</i>	-0.0956 (0.0992)	-0.109 (0.0967)	-0.0986 (0.0987)	-0.0951 (0.0959)	-0.0669 (0.0951)	-0.0873 (0.0974)	-0.119 (0.0963)
<i>Overseas Island (dummy)</i>	-0.967 (1.318)	-0.482 (0.540)	-1.249 (1.015)	-2.059 (1.531)	-1.363 (0.931)	-0.466 (0.569)	-1.118 (0.962)
<i>Overseas Island * Area</i>	0.0593 (0.142)	0.0148 (0.0640)	0.115 (0.131)	0.205 (0.194)	0.131 (0.120)	0.0102 (0.0679)	0.113 (0.128)
<i>GeoRemote</i>	-0.0408 (0.0368)	-0.0351 (0.0343)	-0.0388 (0.0347)	-0.0217 (0.0343)	-0.0463 (0.0340)	-0.0374 (0.0337)	-0.0515 (0.0346)
<i>Overseas Island * GeoRemote</i>	0.0539 (0.232)	0.124 (0.0787)	0.0358 (0.172)	-0.176 (0.274)	-0.0405 (0.172)	0.155* (0.0859)	0.0352 (0.0547)
<i>Institutions</i>	-0.139* (0.0842)	-0.133 (0.0930)	-0.146 (0.0949)	-0.140 (0.0909)	-0.156* (0.0923)	-0.147 (0.0946)	-0.111 (0.103)
<i>Autonomy</i>	-0.0245 (0.0202)	-0.0226 (0.0191)	-0.0241 (0.0192)	-0.0160 (0.0189)	-0.0264 (0.0206)	-0.0255 (0.0204)	-0.0258 (0.0204)
<i>Institutions * Autonomy</i>	0.108*** (0.0283)	0.103*** (0.0282)	0.108*** (0.0294)	0.114*** (0.0301)	0.120*** (0.0304)	0.109*** (0.0310)	0.102*** (0.0315)
<i>Latitude</i>	-0.0634 (0.129)						
<i>Elevation</i>		-0.0566*** (0.0231)					
<i>Ocean Access</i>			0.0389* (0.0210)				
<i>Terrain Ruggedness</i>				-0.0681* (0.0366)			
<i>Storm Risk</i>					-0.0449** (0.0218)		
<i>Earthquake Risk</i>						0.00134 (0.0285)	
<i>Malaria Risk</i>							0.0928 (0.105)
Constant	7.647*** (0.399)	10.29*** (0.350)	10.26*** (0.350)	10.54*** (0.347)	10.23*** (0.338)	10.36*** (0.360)	10.75*** (0.427)
N	301	301	301	301	301	301	290
R <sup>2</sup>	0.929	0.930	0.930	0.930	0.930	0.929	0.931

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G17: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0972*** (0.0243)	-0.0966*** (0.0260)	-0.0951*** (0.0265)	-0.0877*** (0.0259)	-0.0889*** (0.0288)	-0.0912*** (0.0266)	-0.0959*** (0.0267)	-0.0971*** (0.0259)	-0.0888*** (0.0260)
<i>Island (dummy)</i>	-0.0936 (0.0971)	-0.140 (0.0978)	-0.146 (0.0966)	-0.131 (0.0952)	-0.126 (0.105)	-0.121 (0.0953)	-0.147 (0.0934)	-0.109 (0.0976)	-0.186* (0.0952)
<i>Overseas Island (dummy)</i>	-0.0725 (1.588)	0.278 (0.613)	-0.0969 (0.660)	-0.707 (0.881)	-0.372 (0.570)	-0.405 (0.590)	-0.766 (0.679)	-0.431 (0.560)	1.029 (0.846)
<i>Overseas Island * Area</i>	0.0112 (0.206)	-0.0658 (0.0652)	-0.0267 (0.0772)	0.0445 (0.108)	0.00558 (0.0663)	0.00807 (0.0716)	0.0556 (0.0853)	0.00893 (0.0671)	-0.133 (0.0934)
<i>GeoRemote</i>	-0.0198 (0.0342)	-0.0363 (0.0348)	-0.0384 (0.0345)	-0.0428 (0.0362)	-0.0392 (0.0346)	-0.0390 (0.0348)	-0.0372 (0.0340)	-0.0323 (0.0355)	-0.0366 (0.0342)
<i>Overseas Island * GeoRemote</i>	0.338 (0.283)	0.278*** (0.0871)	0.178** (0.0881)	0.111 (0.124)	0.164* (0.0839)	0.155* (0.0891)	0.179* (0.0977)	0.155* (0.0832)	0.669** (0.261)
<i>Institutions</i>	-0.141 (0.0937)	-0.150 (0.0937)	-0.144 (0.0960)	-0.142 (0.0881)	-0.150 (0.0932)	-0.150 (0.0938)	-0.141 (0.0929)	-0.159* (0.0920)	-0.154* (0.0927)
<i>Autonomy</i>	-0.0176 (0.0198)	-0.0209 (0.0203)	-0.0191 (0.0209)	-0.0204 (0.0208)	-0.0233 (0.0201)	-0.0234 (0.0202)	-0.0199 (0.0205)	-0.0280 (0.0210)	-0.0216 (0.0202)
<i>Institutions * Autonomy</i>	0.110*** (0.0315)	0.112*** (0.0297)	0.113*** (0.0290)	0.106*** (0.0287)	0.106*** (0.0301)	0.107*** (0.0297)	0.108*** (0.0302)	0.107*** (0.0304)	0.0970*** (0.0292)
<i>Percent Tropical</i>	-0.183*** (0.0679)								
<i>Precipitation</i>		-0.0481 (0.0322)							
<i>Rain Days</i>			-0.0518 (0.0498)						
<i>Temperature</i>				0.0384 (0.0570)					
<i>Temperature Range</i>					-0.00929 (0.0417)				
<i>Humidity</i>						-0.00270 (0.0402)			
<i>Sunshine</i>							0.0606 (0.0453)		
<i>Frost Days</i>								0.0428 (0.0371)	
<i>Wind Speed</i>									0.0804** (0.0363)
Constant	8.747*** (0.283)	10.50*** (0.325)	10.34*** (0.352)	8.316*** (0.294)	10.30*** (0.358)	10.32*** (0.353)	10.34*** (0.348)	10.55*** (0.340)	10.38*** (0.343)
<i>N</i>	301	300	300	300	300	300	300	300	300
<i>R</i> <sup>2</sup>	0.932	0.930	0.930	0.930	0.930	0.930	0.930	0.930	0.931

Standard errors in parentheses. Country fixed-effects included in all regressions.  
\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G18: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0953*** (0.0259)	-0.0946*** (0.0258)	-0.0959*** (0.0259)	-0.0954*** (0.0259)	-0.0948*** (0.0263)	-0.0955*** (0.0259)	-0.0934*** (0.0257)	-0.0893*** (0.0269)	-0.0922*** (0.0254)
<i>Island (dummy)</i>	-0.0889 (0.0988)	-0.0879 (0.0988)	-0.0884 (0.0988)	-0.0860 (0.0992)	-0.0878 (0.0989)	-0.0869 (0.0989)	-0.0880 (0.0990)	-0.0611 (0.110)	-0.0839 (0.100)
<i>Overseas Island (dummy)</i>	-0.471 (0.576)	-0.505 (0.619)	-0.450 (0.573)	-0.514 (0.577)	-0.469 (0.579)	-0.467 (0.579)	-0.455 (0.577)	-1.313 (1.255)	0.545* (0.304)
<i>Overseas Island * Area</i>	0.0110 (0.0693)	0.0141 (0.0743)	0.0106 (0.0688)	0.0181 (0.0700)	0.0108 (0.0700)	0.0121 (0.0697)	0.00892 (0.0693)	0.114 (0.159)	-0.131*** (0.0310)
<i>GeoRemote</i>	-0.0379 (0.0349)	-0.0377 (0.0352)	-0.0422 (0.0357)	-0.0416 (0.0365)	-0.0382 (0.0364)	-0.0418 (0.0355)	-0.0375 (0.0346)	-0.0294 (0.0324)	-0.0402 (0.0352)
<i>Overseas Island * GeoRemote</i>	0.156* (0.0861)	0.142 (0.103)	0.159* (0.0859)	0.153* (0.0846)	0.156* (0.0868)	0.154* (0.0867)	0.156* (0.0861)	-0.0945 (0.252)	0.249*** (0.0476)
<i>Institutions</i>	-0.148 (0.0932)	-0.148 (0.0933)	-0.142 (0.0945)	-0.149 (0.0934)	-0.149 (0.0950)	-0.144 (0.0936)	-0.149 (0.0931)	-0.125* (0.0733)	-0.150 (0.0926)
<i>Autonomy</i>	-0.0252 (0.0200)	-0.0252 (0.0200)	-0.0245 (0.0200)	-0.0248 (0.0201)	-0.0248 (0.0200)	-0.0246 (0.0200)	-0.0253 (0.0201)	-0.0243 (0.0215)	-0.0288 (0.0208)
<i>Institutions*Autonomy</i>	0.109*** (0.0298)	0.109*** (0.0298)	0.107*** (0.0301)	0.109*** (0.0297)	0.109*** (0.0300)	0.108*** (0.0299)	0.109*** (0.0297)	0.111*** (0.0283)	0.104*** (0.0287)
<i>Oil and Gas</i>	0.00388 (0.00301)								
<i>Diamonds</i>	0.0123 (0.0549)								
<i>Precious Metals</i>			0.00651 (0.00516)						
<i>Base Metals</i>				0.00754 (0.00758)					
<i>Iron</i>					-0.00202 (0.00641)				
<i>Alloys</i>						0.00850 (0.00619)			
<i>Water</i>							-0.00541 (0.0116)		
<i>Agricultural Land</i>								0.0690 (0.0492)	
<i>Soil Quality</i>									-0.0343 (0.0315)
Constant	10.36*** (0.349)	10.35*** (0.349)	10.35*** (0.348)	10.34*** (0.350)	10.35*** (0.350)	10.35*** (0.349)	10.34*** (0.348)	10.44*** (0.343)	10.38*** (0.349)
N	301	301	301	301	301	301	301	299	299
R <sup>2</sup>	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.931	0.929

Standard errors in parentheses. Country fixed-effects included in all regressions.  
\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G19: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0251)	-0.0910*** (0.0257)	-0.0959*** (0.0262)	-0.0988*** (0.0242)	-0.0990*** (0.0240)	-0.1000*** (0.0237)	-0.0699*** (0.0321)
<i>Island (dummy)</i>	-0.129 (0.0932)	-0.142 (0.0876)	-0.133 (0.0896)	-0.113 (0.0875)	-0.109 (0.0864)	-0.122 (0.0892)	-0.165* (0.0880)
<i>Overseas Island (dummy)</i>	-1.324* (0.713)	-1.068** (0.438)	-1.663*** (0.574)	-1.889*** (0.727)	-1.494*** (0.471)	-1.150*** (0.436)	-1.288* (0.728)
<i>Overseas Island * Area</i>	0.0918 (0.0764)	0.0690 (0.0512)	0.157** (0.0787)	0.199* (0.103)	0.136** (0.0620)	0.0754 (0.0527)	0.117 (0.0959)
<i>LingRemote</i>	0.000815 (0.0142)	0.00420 (0.0136)	-0.000364 (0.0140)	-0.00178 (0.0139)	0.00103 (0.0141)	0.000659 (0.0141)	-0.0136 (0.0125)
<i>Overseas Island * LingRemote</i>	0.0157 (0.114)	-0.0175 (0.0289)	0.0517 (0.0581)	0.165 (0.108)	0.0712 (0.0574)	-0.0229 (0.0323)	0.0194 (0.0236)
<i>Institutions</i>	-0.1135 (0.0838)	-0.126 (0.0923)	-0.140 (0.0942)	-0.137 (0.0899)	-0.148 (0.0917)	-0.142 (0.0942)	-0.108 (0.103)
<i>Autonomy</i>	-0.0274 (0.0197)	-0.0256 (0.0187)	-0.0265 (0.0187)	-0.0162 (0.0187)	-0.0294 (0.0203)	-0.0270 (0.0201)	-0.0259 (0.0198)
<i>Institutions*Autonomy</i>	0.110*** (0.0296)	0.104*** (0.0293)	0.110*** (0.0304)	0.116*** (0.0310)	0.121*** (0.0309)	0.111*** (0.0318)	0.106*** (0.0325)
<i>Latitude</i>	-0.0468 (0.125)						
<i>Elevation</i>		-0.0578*** (0.0232)					
<i>Ocean Access</i>			0.0384* (0.0210)				
<i>Terrain Ruggedness</i>				-0.0738** (0.0368)			
<i>Storm Risk</i>					-0.0413* (0.0219)		
<i>Earthquake Risk</i>						-0.00465 (0.0291)	
<i>Malaria Risk</i>							0.0855 (0.107)
Constant	10.73*** (0.257)	10.63*** (0.256)	10.61*** (0.264)	10.71*** (0.252)	10.68*** (0.247)	10.69*** (0.261)	10.99*** (0.378)
N	301	301	301	301	301	301	290
R <sup>2</sup>	0.929	0.930	0.930	0.930	0.930	0.929	0.930

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G20: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0241)	-0.103*** (0.0254)	-0.102*** (0.0262)	-0.0962*** (0.0251)	-0.0962*** (0.0287)	-0.0981*** (0.0264)	-0.103*** (0.0265)	-0.104*** (0.0253)	-0.0948*** (0.0254)
<i>Island (dummy)</i>	-0.111 (0.0884)	-0.172* (0.0884)	-0.179** (0.0890)	-0.164* (0.0884)	-0.159* (0.0952)	-0.155* (0.0862)	-0.181** (0.0869)	-0.134 (0.0902)	-0.220** (0.0898)
<i>Overseas Island (dummy)</i>	-1.650* (0.979)	-0.683 (0.507)	-0.855 (0.526)	-1.218** (0.617)	-1.070** (0.463)	-1.081** (0.465)	-1.544** (0.640)	-1.091** (0.454)	-1.344* (0.743)
<i>Overseas Island * Area</i>	0.195 (0.145)	0.0260 (0.0579)	0.0478 (0.0636)	0.0920 (0.0757)	0.0736 (0.0544)	0.0745 (0.0561)	0.135* (0.0788)	0.0762 (0.0544)	0.119 (0.103)
<i>LingRemote</i>	0.00191 (0.0141)	-0.00522 (0.0139)	-0.00459 (0.0142)	-0.00645 (0.0136)	-0.00695 (0.0136)	-0.00697 (0.0137)	-0.00744 (0.0136)	-0.00812 (0.0135)	-0.0117 (0.0136)
<i>Overseas Island * LingRemote</i>	-0.0426 (0.0937)	-0.0931 (0.0587)	-0.0271 (0.0365)	0.00329 (0.0541)	-0.0193 (0.0387)	-0.0143 (0.0347)	-0.0219 (0.0357)	-0.0176 (0.0319)	-0.221** (0.109)
<i>Institutions</i>	-0.137 (0.0924)	-0.146 (0.0930)	-0.140 (0.0957)	-0.140 (0.0880)	-0.146 (0.0925)	-0.146 (0.0931)	-0.137 (0.0922)	-0.159* (0.0916)	-0.152 (0.0923)
<i>Autonomy</i>	-0.0190 (0.0196)	-0.0221 (0.0198)	-0.0207 (0.0201)	-0.0227 (0.0201)	-0.0245 (0.0196)	-0.0245 (0.0197)	-0.0207 (0.0200)	-0.0291 (0.0203)	-0.0215 (0.0197)
<i>Institutions*Autonomy</i>	0.111*** (0.0324)	0.115*** (0.0306)	0.115*** (0.0299)	0.109*** (0.0299)	0.109*** (0.0311)	0.110*** (0.0306)	0.111*** (0.0310)	0.110*** (0.0314)	0.0999*** (0.0296)
<i>Percent Tropical</i>	-0.188*** (0.0667)								
<i>Precipitation</i>		-0.0497 (0.0323)							
<i>Rain Days</i>			-0.0512 (0.0511)						
<i>Temperature</i>				0.0264 (0.0547)					
<i>Temperature Range</i>					-0.00799 (0.0418)				
<i>Humidity</i>						-0.00196 (0.0400)			
<i>Sunshine</i>							0.0626 (0.0461)		
<i>Frost Days</i>								0.0510 (0.0359)	
<i>Wind Speed</i>									0.0828** (0.0373)
Constant	10.55*** (0.248)	10.68*** (0.259)	10.69*** (0.271)	10.63*** (0.258)	10.62*** (0.287)	10.64*** (0.267)	10.66*** (0.265)	10.70*** (0.264)	10.51*** (0.270)
<i>N</i>	301	300	300	300	300	300	300	300	300
<i>R</i> <sup>2</sup>	0.931	0.930	0.930	0.930	0.929	0.929	0.930	0.930	0.931

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G21: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.103*** (0.0254)	-0.102*** (0.0254)	-0.103*** (0.0255)	-0.103*** (0.0256)	-0.102*** (0.0262)	-0.103*** (0.0255)	-0.101*** (0.0252)	-0.0952*** (0.0257)	-0.100*** (0.0247)
<i>Island (dummy)</i>	-0.122 (0.0898)	-0.121 (0.0899)	-0.124 (0.0903)	-0.122 (0.0899)	-0.121 (0.0899)	-0.123 (0.0900)	-0.121 (0.0900)	-0.0864 (0.103)	-0.118 (0.0919)
<i>Overseas Island (dummy)</i>	-1.168*** (0.459)	-1.160*** (0.458)	-1.163*** (0.456)	-1.187*** (0.464)	-1.160*** (0.469)	-1.165*** (0.457)	-1.154*** (0.459)	-1.433 (1.052)	0.136 (0.276)
<i>Overseas Island * Area</i>	0.0778 (0.0552)	0.0768 (0.0550)	0.0775 (0.0548)	0.0804 (0.0557)	0.0768 (0.0561)	0.0776 (0.0549)	0.0761 (0.0551)	0.133 (0.167)	-0.127*** (0.0291)
<i>LingRemote</i>	0.000337 (0.0142)	0.000428 (0.0143)	0.000317 (0.0142)	0.000480 (0.0143)	0.000423 (0.0142)	0.000203 (0.0142)	0.000300 (0.0143)	0.00755 (0.0152)	-0.000420 (0.0141)
<i>Overseas Island * LingRemote</i>	-0.0226 (0.0324)	-0.0206 (0.0425)	-0.0225 (0.0323)	-0.0214 (0.0322)	-0.0227 (0.0325)	-0.0207 (0.0323)	-0.0227 (0.0325)	0.0957 (0.187)	-0.151*** (0.0261)
<i>Institutions</i>	-0.142 (0.0925)	-0.142 (0.0926)	-0.138 (0.0947)	-0.142 (0.0926)	-0.142 (0.0937)	-0.139 (0.0934)	-0.143 (0.0923)	-0.117 (0.0716)	-0.143 (0.0918)
<i>Autonomy</i>	-0.0277 (0.0196)	-0.0278 (0.0196)	-0.0274 (0.0196)	-0.0277 (0.0196)	-0.0278 (0.0196)	-0.0274 (0.0196)	-0.0278 (0.0197)	-0.0274 (0.0214)	-0.0309 (0.0205)
<i>Institutions*Autonomy</i>	0.111*** (0.0308)	0.111*** (0.0308)	0.110*** (0.0311)	0.111*** (0.0308)	0.111*** (0.0310)	0.110*** (0.0309)	0.111*** (0.0307)	0.112*** (0.0287)	0.106*** (0.0296)
<i>Oil and Gas</i>	0.00334 (0.00298)								
<i>Diamonds</i>		0.00394 (0.0539)							
<i>Precious Metals</i>			0.00408 (0.00457)						
<i>Base Metals</i>				0.00436 (0.00681)					
<i>Iron</i>					-0.000180 (0.000592)				
<i>Alloyants</i>						0.00610 (0.00594)			
<i>Water</i>							-0.00485 (0.0119)		
<i>Agricultural Land</i>								0.0721 (0.0496)	
<i>Soil Quality</i>									-0.0334 (0.0312)
Constant	10.72*** (0.258)	10.71*** (0.259)	10.72*** (0.260)	10.72*** (0.259)	10.71*** (0.261)	10.72*** (0.258)	10.70*** (0.257)	10.67*** (0.278)	10.63*** (0.269)
N	301	301	301	301	301	301	301	299	299
R <sup>2</sup>	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.931	0.929

Standard errors in parentheses. Country fixed-effects included in all regressions.  
\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$



Table G22: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0250)	-0.0909*** (0.0257)	-0.0960*** (0.0262)	-0.0989*** (0.0242)	-0.0990*** (0.0240)	-0.1000*** (0.0236)	-0.0705*** (0.0321)
<i>Island (dummy)</i>	-0.129 (0.0931)	-0.141 (0.0873)	-0.133 (0.0893)	-0.114 (0.0871)	-0.109 (0.0862)	-0.122 (0.0890)	-0.166* (0.0878)
<i>Overseas Island (dummy)</i>	-1.325* (0.715)	-1.072** (0.440)	-1.665*** (0.574)	-1.888*** (0.726)	-1.495*** (0.472)	-1.151*** (0.437)	-1.301* (0.729)
<i>Overseas Island * Area</i>	0.0917 (0.0763)	0.0690 (0.0511)	0.157** (0.0785)	0.199* (0.103)	0.136** (0.0619)	0.0754 (0.0527)	0.117 (0.0958)
<i>EthnRemote</i>	0.000997 (0.0131)	0.00507 (0.0123)	0.000507 (0.0127)	-0.000917 (0.0125)	0.00158 (0.0130)	0.000905 (0.0130)	-0.000984 (0.0113)
<i>Overseas Island * EthnRemote</i>	0.0176 (0.127)	-0.0200 (0.0306)	0.0573 (0.0647)	0.185 (0.120)	0.0798 (0.0647)	-0.0258 (0.0347)	0.0162 (0.0244)
<i>Institutions</i>	-0.135 (0.0834)	-0.126 (0.0918)	-0.140 (0.0938)	-0.137 (0.0894)	-0.148 (0.0913)	-0.142 (0.0939)	-0.106 (0.103)
<i>Autonomy</i>	-0.0274 (0.0197)	-0.0258 (0.0187)	-0.0266 (0.0187)	-0.0164 (0.0186)	-0.0295 (0.0203)	-0.0270 (0.0201)	-0.0268 (0.0198)
<i>Institutions*Autonomy</i>	0.110*** (0.0293)	0.104*** (0.0290)	0.110*** (0.0302)	0.116*** (0.0307)	0.121*** (0.0307)	0.111*** (0.0316)	0.105*** (0.0323)
<i>Latitude</i>	-0.0468 (0.125)						
<i>Elevation</i>		-0.0580*** (0.0233)					
<i>Ocean Access</i>			0.0384* (0.0211)				
<i>Terrain Ruggedness</i>				-0.0737** (0.0367)			
<i>Storm Risk</i>					-0.0413* (0.0219)		
<i>Earthquake Risk</i>						-0.00465 (0.0292)	
<i>Malaria Risk</i>							0.0848 (0.107)
Constant	10.73*** (0.252)	10.63*** (0.251)	10.62*** (0.258)	10.72*** (0.246)	10.68*** (0.242)	10.70*** (0.254)	11.01*** (0.376)
N	301	301	301	301	301	301	290
R <sup>2</sup>	0.929	0.930	0.930	0.930	0.930	0.929	0.930

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G23: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.101*** (0.0241)	-0.104*** (0.0254)	-0.102*** (0.0262)	-0.0965*** (0.0251)	-0.0964*** (0.0287)	-0.0984*** (0.0264)	-0.103*** (0.0265)	-0.104*** (0.0253)	-0.0952*** (0.0254)
<i>Island (dummy)</i>	-0.111 (0.0882)	-0.172* (0.0881)	-0.180** (0.0885)	-0.165* (0.0882)	-0.160* (0.0950)	-0.155* (0.0860)	-0.181** (0.0866)	-0.135 (0.0899)	-0.221** (0.0896)
<i>Overseas Island (dummy)</i>	-1.654* (0.979)	-0.688 (0.509)	-0.859 (0.527)	-1.224** (0.621)	-1.075** (0.465)	-1.086** (0.467)	-1.548** (0.642)	-1.097** (0.456)	-1.352* (0.743)
<i>Overseas Island * Area</i>	0.196 (0.145)	0.0261 (0.0577)	0.0477 (0.0635)	0.0922 (0.0758)	0.0738 (0.0544)	0.0746 (0.0561)	0.135* (0.0788)	0.0764 (0.0543)	0.119 (0.103)
<i>EthnRemote</i>	0.00258 (0.0128)	-0.00355 (0.0125)	-0.00289 (0.0127)	-0.00479 (0.0122)	-0.00529 (0.0122)	-0.00528 (0.0123)	-0.00543 (0.0121)	-0.00604 (0.0121)	-0.00959 (0.0120)
<i>Overseas Island * EthnRemote</i>	-0.0483 (0.105)	-0.107* (0.0642)	-0.0329 (0.0390)	0.00145 (0.0592)	-0.0243 (0.0418)	-0.0187 (0.0374)	-0.0277 (0.0387)	-0.0229 (0.0341)	-0.251** (0.123)
<i>Institutions</i>	-0.137 (0.0919)	-0.145 (0.0925)	-0.139 (0.0951)	-0.139 (0.0875)	-0.145 (0.0921)	-0.145 (0.0927)	-0.136 (0.0919)	-0.157* (0.0912)	-0.150 (0.0919)
<i>Autonomy</i>	-0.0191 (0.0196)	-0.0224 (0.0198)	-0.0210 (0.0201)	-0.0230 (0.0200)	-0.0248 (0.0196)	-0.0249 (0.0196)	-0.0211 (0.0199)	-0.0295 (0.0203)	-0.0220 (0.0196)
<i>Institutions*Autonomy</i>	0.111*** (0.0322)	0.115*** (0.0304)	0.115*** (0.0297)	0.109*** (0.0297)	0.109*** (0.0309)	0.110*** (0.0304)	0.111*** (0.0308)	0.110*** (0.0312)	0.0994*** (0.0294)
<i>Percent Tropical</i>	-0.188*** (0.0668)								
<i>Precipitation</i>		-0.0499 (0.0322)							
<i>Rain Days</i>			-0.0516 (0.0510)						
<i>Temperature</i>				0.0268 (0.0550)					
<i>Temperature Range</i>					-0.00809 (0.0418)				
<i>Humidity</i>						-0.00179 (0.0401)			
<i>Sunshine</i>							0.0623 (0.0462)		
<i>Frost Days</i>								0.0505 (0.0360)	
<i>Wind Speed</i>									0.0823** (0.0371)
Constant	10.55*** (0.242)	10.69*** (0.252)	10.70*** (0.263)	10.65*** (0.251)	10.63*** (0.282)	10.65*** (0.261)	10.68*** (0.259)	10.71*** (0.257)	10.53*** (0.261)
N	301	300	300	300	300	300	300	300	300
R <sup>2</sup>	0.931	0.930	0.930	0.929	0.929	0.929	0.930	0.930	0.931

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G24: Additional 'second-nature' regressions

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.103*** (0.0254)	-0.102*** (0.0253)	-0.103*** (0.0255)	-0.103*** (0.0256)	-0.102*** (0.0261)	-0.103*** (0.0254)	-0.101*** (0.0252)	-0.0950*** (0.0256)	-0.100*** (0.0247)
<i>Island (dummy)</i>	-0.122 (0.0896)	-0.121 (0.0896)	-0.124 (0.0900)	-0.122 (0.0897)	-0.121 (0.0897)	-0.123 (0.0898)	-0.121 (0.0898)	-0.0852 (0.104)	-0.118 (0.0915)
<i>Overseas Island (dummy)</i>	-1.170*** (0.461)	-1.162*** (0.460)	-1.166*** (0.458)	-1.189*** (0.466)	-1.162*** (0.471)	-1.167*** (0.459)	-1.155*** (0.461)	-1.422 (1.052)	0.132 (0.276)
<i>Overseas Island * Area</i>	0.0779 (0.0551)	0.0769 (0.0550)	0.0775 (0.0547)	0.0805 (0.0556)	0.0769 (0.0560)	0.0776 (0.0549)	0.0762 (0.0551)	0.132 (0.167)	-0.127*** (0.0290)
<i>EthnRemote</i>	0.000784 (0.0130)	0.000739 (0.0130)	0.000947 (0.0130)	0.000953 (0.0130)	0.000740 (0.0130)	0.000920 (0.0130)	0.000657 (0.0130)	0.00650 (0.0142)	0.000162 (0.0128)
<i>Overseas Island * EthnRemote</i>	-0.0258 (0.0348)	-0.0234 (0.0467)	-0.0259 (0.0347)	-0.0244 (0.0345)	-0.0257 (0.0348)	-0.0239 (0.0346)	-0.0258 (0.0348)	0.108 (0.211)	-0.171*** (0.0280)
<i>Institutions</i>	-0.142 (0.0921)	-0.142 (0.0921)	-0.138 (0.0943)	-0.142 (0.0921)	-0.142 (0.0932)	-0.139 (0.0930)	-0.143 (0.0919)	-0.118 (0.0716)	-0.143 (0.0913)
<i>Autonomy</i>	-0.0277 (0.0196)	-0.0278 (0.0196)	-0.0276 (0.0196)	-0.0277 (0.0196)	-0.0278 (0.0196)	-0.0275 (0.0196)	-0.0278 (0.0196)	-0.0272 (0.0213)	-0.0310 (0.0205)
<i>Institutions*Autonomy</i>	0.111*** (0.0305)	0.111*** (0.0305)	0.110*** (0.0309)	0.111*** (0.0305)	0.111*** (0.0307)	0.110*** (0.0307)	0.111*** (0.0305)	0.112*** (0.0286)	0.106*** (0.0293)
<i>Oil and Gas</i>	0.00335 (0.00298)								
<i>Diamonds</i>		0.00394 (0.0538)							
<i>Precious Metals</i>			0.00410 (0.00459)						
<i>Base Metals</i>				0.00439 (0.00680)					
<i>Iron</i>					-0.000184 (0.00592)				
<i>Alloys</i>						0.00612 (0.00595)			
<i>Water</i>							-0.00485 (0.0119)		
<i>Agricultural Land</i>								0.0718 (0.0497)	
<i>Soil Quality</i>									-0.0333 (0.0311)
Constant	10.72*** (0.252)	10.71*** (0.252)	10.73*** (0.255)	10.72*** (0.254)	10.71*** (0.256)	10.72*** (0.253)	10.70*** (0.251)	10.66*** (0.272)	10.64*** (0.262)
N	301	301	301	301	301	301	301	299	299
R <sup>2</sup>	0.929	0.929	0.929	0.929	0.929	0.929	0.929	0.931	0.929

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

#### G.4 Additional 'second-nature' regressions (cont.)

Table G25: Additional 'second-nature' regressions (cont.)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0294 (0.0190)	-0.0733*** (0.0220)	-0.0913*** (0.0233)	-0.0916*** (0.0234)	-0.0959*** (0.0276)	-0.0942*** (0.0256)	-0.0965*** (0.0284)
<i>Island</i> (dummy)	-0.0660 (0.0626)	-0.163*** (0.0572)	-0.171*** (0.0624)	-0.179*** (0.0622)	-0.181* (0.0930)	-0.0879 (0.0987)	-0.191** (0.0930)
<i>Overseas Island</i> (dummy)	0 (.)	0 (.)	-4.229*** (1.378)	-4.216*** (1.383)	-0.128 (0.506)	-0.465 (0.574)	0.0119 (0.427)
<i>Overseas Island * Area</i>	0 (.)	0 (.)	0.415** (0.163)	0.416** (0.163)	-0.00824 (0.0611)	0.00988 (0.0690)	-0.0244 (0.0495)
<i>GeoRemote</i>	-0.0281 (0.0182)	-0.0159 (0.0224)	-0.0290 (0.0280)	-0.0325 (0.0275)	-0.0492 (0.0354)	-0.0370 (0.0347)	-0.0425 (0.0324)
<i>Overseas Island * GeoRemote</i>	0 (.)	0 (.)	-1.326* (0.678)	-1.336* (0.683)	0.173** (0.0737)	0.155* (0.0859)	0.170*** (0.0633)
<i>Years of Education</i>	0.228*** (0.0373)						
<i>Autonomy</i>			-0.0185 (0.0186)			-0.0253 (0.0200)	
<i>Institutions</i>					-0.0803 (0.0908)	-0.148 (0.0931)	
<i>Institutions * Autonomy</i>						0.109*** (0.0297)	
Constant	8.091*** (0.584)	10.94*** (0.278)	11.24*** (0.258)	11.24*** (0.258)	10.43*** (0.309)	10.35*** (0.348)	10.51*** (0.301)
<i>N</i>	407	407	387	387	301	301	301
<i>R</i> <sup>2</sup>	0.960	0.945	0.921	0.921	0.926	0.929	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 \*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G26: Additional 'second-nature' regressions (cont.)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Area</i>	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
	-0.0343*	-0.0759***	-0.0941***	-0.0949***	-0.106***	-0.101***	-0.105***
	(0.0193)	(0.0213)	(0.0231)	(0.0232)	(0.0274)	(0.0250)	(0.0279)
<i>Island (dummy)</i>	-0.0922	-0.177***	-0.197***	-0.209***	-0.231***	-0.121	-0.235***
	(0.0644)	(0.0520)	(0.0551)	(0.0541)	(0.0813)	(0.0897)	(0.0824)
<i>Overseas Island (dummy)</i>	0	0	-2.613**	-2.576**	-0.875**	-1.159**	-0.727**
	(.)	(.)	(1.044)	(1.041)	(0.432)	(0.457)	(0.341)
<i>Overseas Island * Area</i>	0	0	0.331*	0.330*	0.0589	0.0767	0.0429
	(.)	(.)	(0.171)	(0.171)	(0.0521)	(0.0549)	(0.0420)
<i>LingRemote</i>	0.00131	0.000567	0.00534	0.00160	0.00206	0.000420	0.00389
	(0.0109)	(0.0130)	(0.0142)	(0.0142)	(0.0142)	(0.0142)	(0.0142)
<i>Overseas Island * LingRemote</i>	0	0	0.661	0.674	-0.0314	-0.0227	-0.0381
	(.)	(.)	(0.551)	(0.558)	(0.0289)	(0.0324)	(0.0260)
<i>Years of Education</i>	0.226***						
	(0.0375)						
<i>Autonomy</i>			-0.0220			-0.0278	
			(0.0186)			(0.0196)	
<i>Institutions</i>					-0.0699	-0.142	
					(0.0888)	(0.0924)	
<i>Institutions*Autonomy</i>						0.111***	
						(0.0307)	
Constant	8.177***	10.53***	11.40***	11.43***	10.75***	10.71***	11.34***
	(0.559)	(0.209)	(0.196)	(0.196)	(0.250)	(0.255)	(0.358)
N	407	407	387	387	301	301	301
R <sup>2</sup>	0.959	0.945	0.920	0.920	0.925	0.929	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G27: Additional 'second-nature' regressions (cont.)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)	ln(GDPpc)
<i>Area</i>	-0.0343* (0.0193)	-0.0759*** (0.0213)	-0.0927*** (0.0234)	-0.0935*** (0.0235)	-0.106*** (0.0274)	-0.102*** (0.0250)	-0.105*** (0.0279)
<i>Island (dummy)</i>	-0.0913 (0.0639)	-0.177*** (0.0519)	-0.195*** (0.0548)	-0.208*** (0.0538)	-0.230*** (0.0816)	-0.121 (0.0894)	-0.234*** (0.0826)
<i>Overseas Island (dummy)</i>	0 (.)	0 (.)	-2.667*** (1.163)	-2.636** (1.165)	-0.873** (0.434)	-1.161** (0.458)	-0.722** (0.340)
<i>Overseas Island * Area</i>	0 (.)	0 (.)	0.306* (0.184)	0.305* (0.184)	0.0590 (0.0521)	0.0768 (0.0548)	0.0428 (0.0419)
<i>EthnRemote</i>	-0.00101 (0.0102)	-0.00109 (0.0123)	0.0109 (0.0145)	0.00763 (0.0145)	0.000868 (0.0132)	0.000735 (0.0130)	0.00212 (0.0134)
<i>Overseas Island * EthnRemote</i>	0 (.)	0 (.)	0.0978 (0.281)	0.104 (0.284)	-0.0338 (0.0309)	-0.0257 (0.0347)	-0.0406 (0.0279)
<i>Years of Education</i>	0.226*** (0.0376)						
<i>Autonomy</i>			-0.0233 (0.0186)			-0.0278 (0.0196)	
<i>Institutions</i>					-0.0703 (0.0885)	-0.142 (0.0919)	
<i>Institutions*Autonomy</i>						0.111*** (0.0305)	
Constant	8.251*** (0.600)	10.51*** (0.205)	11.40*** (0.198)	11.42*** (0.197)	10.74*** (0.245)	10.71*** (0.249)	11.33*** (0.355)
N	407	407	387	387	301	301	301
R <sup>2</sup>	0.959	0.945	0.919	0.919	0.925	0.929	0.925

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

## G.5 Additional regressions on the effect of ‘first-nature’ on ‘second-nature’<sup>9</sup>

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<sup>9</sup>Overall, the regressions in this section confirm that, while remoteness is never significant, the being an island is strongly associated to a worst second-nature also when other first-nature factors are included: *Soil Quality*, *Wind Speed*, *Precipitation*, *Rain Days*, and *Storm Risk* are found to significantly affect *Institutions\*Autonomy* (see Table G28), while *Latitude*, *Elevation*, *Terrain Ruggedness*, *Storm Risk*, *Percent Tropical Rain Days*, *Alloyants*, and *Agricultural Land* are found to significantly affect the *Years of Education* (see Table G29) the additional first-nature conditions are in general not, or only slightly, significant. While Tables G28 and G29 report only the regressions run without the remoteness indicators, and with the significant variables only, these results are robust to using either geographical, linguistic, and ethnic remoteness together with the other first-nature factors. In these regressions (reported in the following tables) the additional first-nature conditions are in general not, or only slightly, significant, and more remote overseas island regions seem to often pay an additional cost in terms of both human capital and institutional quality.



Table G28: The influence of 'first-nature' on 'second-nature' (cont.)

	(1)	(2)	(3)	(4)	(5)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.0338 (0.0455)	-0.00315 (0.0437)	0.000176 (0.0423)	-0.0150 (0.0443)	-0.0132 (0.0426)
<i>Island</i> (dummy)	-0.673** (0.279)	-0.626** (0.289)	-0.555* (0.288)	-0.832*** (0.319)	-0.581** (0.294)
<i>Overseas Island</i> (dummy)	0.481 (1.082)	0.824 (0.861)	-0.0404 (0.646)	-2.167 (2.278)	3.171*** (1.006)
<i>Overseas Island * Area</i> (interacted)	0.0244 (0.162)	-0.0493 (0.124)	0.0892 (0.0691)	0.480 (0.355)	-0.356** (0.143)
<i>Storm Risk</i>	0.153** (0.0656)				
<i>Precipitation</i>		0.187** (0.0862)			
<i>Rain Days</i>			0.302** (0.122)		
<i>Wind Speed</i>				0.208** (0.0986)	
<i>Soil Quality</i>					-0.235** (0.0939)
Constant	0.124 (0.469)	-0.666 (0.648)	-0.201 (0.447)	0.0494 (0.551)	-0.261 (0.443)
<i>N</i>	302	301	301	301	300
<i>R</i> <sup>2</sup>	0.211	0.200	0.215	0.206	0.212

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G29: The influence of 'first-nature' on 'second-nature' (cont.)

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
<i>Area</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>	<i>Education</i>
	-0.191*** (0.0581)	-0.172*** (0.0594)	-0.181*** (0.0566)	-0.160*** (0.0538)	-0.182*** (0.0551)	-0.207*** (0.0560)	-0.186*** (0.0589)	-0.220*** (0.0545)
<i>Island (dummy)</i>	-0.289 (0.179)	-0.370** (0.171)	-0.319* (0.170)	-0.331* (0.173)	-0.294* (0.173)	-0.492*** (0.162)	-0.343** (0.172)	-0.469*** (0.163)
<i>Latitude</i>	0.346* (0.181)							
<i>Elevation</i>		-0.102** (0.0459)						
<i>Terrain Ruggedness</i>			-0.113* (0.0605)					
<i>Storm Risk</i>				-0.112*** (0.0362)				
<i>Percent Tropical</i>					-0.234* (0.122)			
<i>Rain Days</i>						-0.139* (0.0733)		
<i>Alloyants</i>							0.0207* (0.0109)	
<i>Agricultural Land</i>								-0.143** (0.0600)
Constant	11.61*** (0.501)	12.21*** (0.512)	12.20*** (0.476)	12.08*** (0.464)	12.06*** (0.432)	12.83*** (0.565)	12.34*** (0.506)	12.52*** (0.469)
<i>N</i>	369	369	369	369	369	367	369	367
<i>R</i> <sup>2</sup>	0.954	0.955	0.954	0.955	0.955	0.959	0.954	0.957

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G30: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>Area</i>	<i>Inst*Aut</i> -0.00362 (0.0485)	<i>Inst*Aut</i> 0.00615 (0.0495)	<i>Inst*Aut</i> -0.00127 (0.0482)	<i>Inst*Aut</i> -0.00179 (0.0469)	<i>Inst*Aut</i> -0.0173 (0.0486)	<i>Inst*Aut</i> -0.0326 (0.0562)	<i>Inst*Aut</i> 0.00696 (0.0625)
<i>Island</i> (dummy)	-0.551** (0.273)	-0.566** (0.277)	-0.555** (0.278)	-0.551* (0.284)	-0.594** (0.279)	-0.519* (0.275)	-0.541* (0.311)
<i>Overseas Island</i> (dummy)	1.836 (1.948)	1.569** (0.713)	1.413 (1.419)	5.394* (3.223)	4.454** (1.981)	1.512** (0.694)	3.114*** (1.004)
<i>Overseas Island * Area</i>	-0.0712 (0.180)	-0.0430 (0.0553)	-0.0221 (0.154)	-0.509 (0.388)	-0.438* (0.246)	-0.0207 (0.0623)	-0.257** (0.120)
<i>GeoRemote</i>	-0.111 (0.0874)	-0.110 (0.0876)	-0.113 (0.0859)	-0.151 (0.0972)	-0.0801 (0.0855)	-0.142 (0.0956)	-0.111 (0.0900)
<i>Overseas Island * GeoRemote</i>	0.168 (0.364)	0.0983 (0.109)	0.0953 (0.224)	0.902 (0.638)	0.763** (0.378)	0.157 (0.102)	0.246*** (0.0938)
<i>Latitude</i>	0.0255 (0.218)						
<i>Elevation</i>		-0.0509 (0.0507)					
<i>Ocean Access</i>			0.0104 (0.0548)				
<i>Terrain Ruggedness</i>				0.159 (0.103)			
<i>Storm Risk</i>					0.147** (0.0666)		
<i>Earthquake Risk</i>						0.104 (0.0817)	
<i>Malaria Risk</i>							0.0831 (0.109)
Constant	-0.287 (0.838)	-0.748 (0.674)	-0.691 (0.661)	-0.937 (0.730)	-0.358 (0.690)	-0.499 (0.680)	-0.474 (0.775)
<i>N</i>	302	302	302	302	302	302	291
<i>R</i> <sup>2</sup>	0.183	0.185	0.183	0.196	0.209	0.191	0.175

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*\*  $p < 0.10$ , \*\*\*  $p < 0.05$ , \*\*\*\*  $p < 0.01$

Table G31: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.00174 (0.0466)	0.0227 (0.0478)	0.0235 (0.0468)	-0.00218 (0.0505)	0.0264 (0.0521)	0.00979 (0.0485)	0.00989 (0.0462)	-0.0114 (0.0554)	0.00606 (0.0486)
<i>Island</i> (dummy)	-0.554** (0.277)	-0.504* (0.280)	-0.443 (0.282)	-0.576** (0.291)	-0.647** (0.301)	-0.575** (0.286)	-0.535* (0.285)	-0.569* (0.290)	-0.734** (0.306)
<i>Overseas Island</i> (dummy)	1.462 (1.049)	-1.070 (1.936)	-0.0256 (0.890)	1.941 (1.762)	1.972* (1.027)	1.974** (0.844)	2.473** (0.966)	1.669** (0.733)	5.420** (2.136)
<i>Overseas Island * Area</i>	-0.0515 (0.101)	0.243 (0.232)	0.139 (0.0933)	-0.0835 (0.184)	-0.0704 (0.104)	-0.0887 (0.0785)	-0.155 (0.0954)	-0.0532 (0.0580)	-0.425** (0.185)
<i>GeoRemote</i>	-0.121 (0.0858)	-0.123 (0.0860)	-0.115 (0.0852)	-0.111 (0.0815)	-0.113 (0.0861)	-0.113 (0.0872)	-0.116 (0.0869)	-0.102 (0.0790)	-0.103 (0.0805)
<i>Overseas Island * GeoRemote</i>	0.0474 (0.235)	-0.365 (0.338)	0.00209 (0.0900)	0.164 (0.263)	0.223 (0.170)	0.177 (0.117)	0.0829 (0.108)	0.127 (0.0960)	1.476** (0.680)
<i>Percent Tropical</i>	0.0806 (0.171)								
<i>Precipitation</i>		0.195** (0.0878)							
<i>Rain Days</i>			0.303** (0.122)						
<i>Temperature</i>				-0.0292 (0.173)					
<i>Temperature Range</i>					-0.127 (0.0869)				
<i>Humidity</i>						0.0739 (0.0917)			
<i>Sunshine</i>							-0.123 (0.0982)		
<i>Frost Days</i>								0.0781 (0.161)	
<i>Wind Speed</i>									0.212** (0.0992)
Constant	-0.877 (0.803)	-1.389 (0.861)	-0.884 (0.676)	-0.657 (0.669)	-0.973 (0.735)	-0.753 (0.676)	-0.754 (0.678)	-0.502 (0.728)	-0.533 (0.726)
<i>N</i>	302	301	301	301	301	301	301	301	301
<i>R</i> <sup>2</sup>	0.184	0.202	0.216	0.184	0.191	0.186	0.189	0.186	0.206

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G32: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.00382 (0.0476)	-0.00380 (0.0474)	-0.00667 (0.0476)	-0.00441 (0.0473)	-0.00275 (0.0479)	-0.00491 (0.0474)	-0.00245 (0.0474)	-0.00737 (0.0463)	0.0105 (0.0476)
<i>Island (dummy)</i>	-0.554** (0.277)	-0.553** (0.277)	-0.548** (0.277)	-0.550** (0.277)	-0.553** (0.277)	-0.548** (0.276)	-0.553** (0.277)	-0.584** (0.289)	-0.470 (0.288)
<i>Overseas Island (dummy)</i>	1.620** (0.704)	1.516** (0.698)	1.629** (0.703)	1.561** (0.690)	1.626** (0.703)	1.607** (0.697)	1.632** (0.713)	2.745 (2.032)	2.119** (0.852)
<i>Overseas Island * Area</i>	-0.0495 (0.0547)	-0.0387 (0.0573)	-0.0457 (0.0546)	-0.0395 (0.0573)	-0.0506 (0.0549)	-0.0454 (0.0541)	-0.0511 (0.0547)	-0.190 (0.229)	-0.163** (0.0808)
<i>GeoRemote</i>	-0.113 (0.0869)	-0.114 (0.0874)	-0.126 (0.0907)	-0.119 (0.0906)	-0.113 (0.0882)	-0.121 (0.0896)	-0.113 (0.0868)	-0.119 (0.0909)	-0.118 (0.0868)
<i>Overseas Island * GeoRemote</i>	0.128 (0.0941)	0.0920 (0.0865)	0.138 (0.0965)	0.124 (0.0926)	0.127 (0.0953)	0.126 (0.0923)	0.128 (0.0942)	0.395 (0.403)	-0.172* (0.0911)
<i>Oil and Gas</i>	0.00349 (0.00370)								
<i>Diamonds</i>	0.0341 (0.0446)								
<i>Precious Metals</i>			0.0159** (0.00716)						
<i>Base Metals</i>				0.0103 (0.0102)					
<i>Iron</i>					0.000231 (0.00710)				
<i>Alloyants</i>						0.0150 (0.00995)			
<i>Water</i>							-0.00260 (0.0135)		
<i>Agricultural Land</i>								-0.0604 (0.0675)	
<i>Soil Quality</i>									-0.237** (0.0936)
Constant	-0.660 (0.679)	-0.662 (0.678)	-0.689 (0.681)	-0.677 (0.681)	-0.665 (0.678)	-0.684 (0.680)	-0.669 (0.681)	-0.639 (0.709)	-0.990 (0.730)
<i>N</i>	302	302	302	302	302	302	302	300	300
<i>R</i> <sup>2</sup>	0.183	0.183	0.184	0.183	0.183	0.184	0.183	0.182	0.213

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G33: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.0302 (0.0452)	-0.0182 (0.0485)	-0.0277 (0.0473)	-0.0344 (0.0452)	-0.0368 (0.0461)	-0.0532 (0.0583)	-0.0242 (0.0586)
<i>Island (dummy)</i>	-0.669** (0.279)	-0.693** (0.287)	-0.681** (0.286)	-0.709** (0.297)	-0.687** (0.282)	-0.673** (0.286)	-0.654** (0.320)
<i>Overseas Island (dummy)</i>	1.199 (0.943)	0.967** (0.486)	0.813 (0.789)	2.225** (1.024)	2.067*** (0.770)	0.753 (0.537)	1.613** (0.730)
<i>Overseas Island * Area</i>	-0.0539 (0.0832)	-0.0320 (0.0490)	-0.0115 (0.115)	-0.243 (0.163)	-0.242** (0.108)	-0.00379 (0.0596)	-0.134 (0.0950)
<i>LingRemote</i>	0.0380 (0.0309)	0.0420 (0.0312)	0.0383 (0.0314)	0.0389 (0.0316)	0.0350 (0.0319)	0.0323 (0.0304)	0.0328 (0.0338)
<i>Overseas Island * LingRemote</i>	-0.117 (0.192)	-0.0497 (0.0348)	-0.0412 (0.117)	-0.381 (0.250)	-0.402*** (0.152)	-0.0503 (0.0316)	-0.0753** (0.0364)
<i>Latitude</i>	0.0727 (0.216)						
<i>Elevation</i>		-0.0589 (0.0506)					
<i>Ocean Access</i>			0.00786 (0.0562)				
<i>Terrain Ruggedness</i>				0.129 (0.0956)			
<i>Storm Risk</i>					0.153** (0.0667)		
<i>Earthquake Risk</i>						0.0725 (0.0744)	
<i>Malaria Risk</i>							0.0783 (0.108)
Constant	0.315 (0.785)	0.210 (0.574)	0.278 (0.598)	0.265 (0.553)	0.388 (0.557)	0.487 (0.642)	0.491 (0.605)
<i>N</i>	302	302	302	302	302	302	291
<i>R</i> <sup>2</sup>	0.180	0.183	0.179	0.189	0.208	0.183	0.171

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G34: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
	-0.0291 (0.0445)	-0.00627 (0.0448)	-0.00207 (0.0432)	-0.0295 (0.0488)	0.0000363 (0.0483)	-0.0169 (0.0469)	-0.0178 (0.0435)	-0.0375 (0.0533)	-0.0175 (0.0454)
<i>Island (dummy)</i>	-0.683** (0.289)	-0.631** (0.291)	-0.560* (0.291)	-0.685** (0.298)	-0.764** (0.313)	-0.691** (0.296)	-0.655** (0.295)	-0.669** (0.296)	-0.837*** (0.320)
<i>Overseas Island (dummy)</i>	1.024 (0.674)	-0.505 (0.883)	-0.253 (0.716)	1.237 (1.067)	1.076* (0.563)	1.139** (0.564)	1.899** (0.869)	1.005** (0.487)	0.286 (0.941)
<i>Overseas Island * Area</i>	-0.0528 (0.117)	0.149 (0.110)	0.116 (0.0811)	-0.0637 (0.129)	-0.0348 (0.0588)	-0.0544 (0.0578)	-0.150 (0.102)	-0.0311 (0.0470)	0.0809 (0.136)
<i>LingRemote</i>	0.0378 (0.0316)	0.0256 (0.0326)	0.0166 (0.0325)	0.0333 (0.0316)	0.0355 (0.0323)	0.0335 (0.0324)	0.0345 (0.0319)	0.0316 (0.0316)	0.0234 (0.0332)
<i>Overseas Island * LingRemote</i>	-0.0521 (0.0437)	0.240 (0.149)	0.0197 (0.0439)	-0.0846 (0.138)	-0.122* (0.0625)	-0.0804* (0.0477)	-0.0395 (0.0359)	-0.0582 (0.0375)	-0.580*** (0.272)
<i>Percent Tropical</i>	0.0390 (0.173)								
<i>Precipitation</i>		0.184** (0.0881)							
<i>Rain Days</i>			0.297** (0.124)						
<i>Temperature</i>				-0.0457 (0.180)					
<i>Temperature Range</i>					-0.129 (0.0874)				
<i>Humidity</i>						0.0734 (0.0917)			
<i>Sunshine</i>							-0.119 (0.0983)		
<i>Frost Days</i>								0.0937 (0.165)	
<i>Wind Speed</i>									0.211** (0.103)
Constant	-0.0792 (0.610)	-0.614 (0.671)	0.273 (0.556)	0.0264 (0.709)	-0.0334 (0.583)	0.177 (0.567)	0.205 (0.548)	0.373 (0.642)	-0.0432 (0.543)
<i>N</i>	302	301	301	301	301	301	301	301	301
<i>R</i> <sup>2</sup>	0.179	0.195	0.210	0.180	0.187	0.181	0.184	0.183	0.202

Standard errors in parentheses. Country fixed-effects included in all regressions.  
 \*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G35: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
	-0.0294 (0.0453)	-0.0293 (0.0452)	-0.0321 (0.0459)	-0.0293 (0.0455)	-0.0269 (0.0460)	-0.0307 (0.0453)	-0.0288 (0.0447)	-0.0330 (0.0446)	-0.0158 (0.0433)
<i>Island (dummy)</i>	-0.680** (0.288)	-0.680** (0.288)	-0.683** (0.288)	-0.680** (0.288)	-0.677** (0.288)	-0.681** (0.288)	-0.679** (0.288)	-0.702** (0.307)	-0.594** (0.299)
<i>Overseas Island (dummy)</i>	0.913* (0.471)	0.915* (0.469)	0.891* (0.475)	0.908* (0.483)	0.936* (0.477)	0.903* (0.469)	0.919* (0.473)	1.517 (1.470)	1.653*** (0.602)
<i>Overseas Island * Area</i>	-0.0275 (0.0470)	-0.0278 (0.0467)	-0.0248 (0.0476)	-0.0267 (0.0495)	-0.0300 (0.0477)	-0.0263 (0.0470)	-0.0282 (0.0465)	-0.131 (0.229)	-0.126* (0.0700)
<i>LingRemote</i>	0.0384 (0.0313)	0.0385 (0.0313)	0.0381 (0.0312)	0.0385 (0.0313)	0.0382 (0.0313)	0.0381 (0.0313)	0.0384 (0.0313)	0.0340 (0.0315)	0.0265 (0.0316)
<i>Overseas Island * LingRemote</i>	-0.0564* (0.0325)	-0.0514 (0.0356)	-0.0554* (0.0324)	-0.0560* (0.0324)	-0.0562* (0.0325)	-0.0538* (0.0325)	-0.0565* (0.0325)	-0.190 (0.255)	0.179** (0.0811)
<i>Oil and Gas</i>	0.00171 (0.00333)								
<i>Diamonds</i>		0.00976 (0.0380)							
<i>Precious Metals</i>			0.00801 (0.00528)						
<i>Base Metals</i>				0.00170 (0.00644)					
<i>Iron</i>					0.00473 (0.00608)				
<i>Alloyants</i>						0.00725 (0.00741)			
<i>Water</i>							-0.000609 (0.0133)		
<i>Agricultural Land</i>								-0.0486 (0.0672)	
<i>Soil Quality</i>									-0.230** (0.0945)
Constant	0.301 (0.553)	0.301 (0.554)	0.321 (0.556)	0.301 (0.556)	0.280 (0.559)	0.309 (0.553)	0.296 (0.549)	0.333 (0.554)	-0.0582 (0.538)
N	302	302	302	302	302	302	302	300	300
R <sup>2</sup>	0.179	0.179	0.180	0.179	0.179	0.179	0.179	0.177	0.207

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$



Table G36: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.0287 (0.0450)	-0.0167 (0.0483)	-0.0261 (0.0471)	-0.0328 (0.0449)	-0.0354 (0.0459)	-0.0529 (0.0583)	-0.0222 (0.0581)
<i>Island (dummy)</i>	-0.660** (0.278)	-0.685** (0.285)	-0.674** (0.285)	-0.700** (0.295)	-0.680** (0.281)	-0.666** (0.285)	-0.650** (0.319)
<i>Overseas Island (dummy)</i>	1.246 (0.945)	1.003** (0.485)	0.838 (0.791)	2.254** (1.026)	2.103*** (0.767)	0.780 (0.539)	1.665** (0.719)
<i>Overseas Island * Area</i>	-0.0562 (0.0830)	-0.0335 (0.0488)	-0.0108 (0.114)	-0.242 (0.163)	-0.243** (0.107)	-0.00403 (0.0596)	-0.137 (0.0943)
<i>EthnRemote</i>	0.0270 (0.0287)	0.0316 (0.0290)	0.0273 (0.0290)	0.0271 (0.0294)	0.0236 (0.0295)	0.0223 (0.0282)	0.0227 (0.0307)
<i>Overseas Island * EthnRemote</i>	-0.118 (0.214)	-0.0403 (0.0333)	-0.0283 (0.128)	-0.411 (0.278)	-0.437** (0.170)	-0.0426 (0.0298)	-0.0708** (0.0350)
<i>Latitude</i>	0.0754 (0.217)						
<i>Elevation</i>		-0.0587 (0.0508)					
<i>Ocean Access</i>			0.00891 (0.0561)				
<i>Terrain Ruggedness</i>				0.128 (0.0957)			
<i>Storm Risk</i>					0.154** (0.0667)		
<i>Earthquake Risk</i>						0.0756 (0.0744)	
<i>Malaria Risk</i>							0.0799 (0.108)
Constant	0.607 (0.620)	0.126 (0.556)	0.187 (0.578)	0.171 (0.537)	0.298 (0.541)	0.417 (0.635)	0.406 (0.580)
<i>N</i>	302	302	302	302	302	302	291
<i>R</i> <sup>2</sup>	0.178	0.181	0.178	0.187	0.207	0.182	0.170

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G37: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
<i>Area</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
	-0.0276 (0.0442)	-0.00452 (0.0445)	-0.000467 (0.0429)	-0.0279 (0.0485)	0.00174 (0.0481)	-0.0151 (0.0466)	-0.0160 (0.0432)	-0.0361 (0.0531)	-0.0160 (0.0450)
<i>Island (dummy)</i>	-0.675** (0.288)	-0.627** (0.290)	-0.556* (0.290)	-0.681** (0.297)	-0.759** (0.312)	-0.687** (0.295)	-0.651** (0.294)	-0.665** (0.296)	-0.836*** (0.320)
<i>Overseas Island (dummy)</i>	1.066 (0.676)	-0.475 (0.884)	-0.226 (0.715)	1.296 (1.068)	1.121** (0.560)	1.185** (0.562)	1.941** (0.871)	1.048** (0.484)	0.309 (0.948)
<i>Overseas Island * Area</i>	-0.0551 (0.117)	0.149 (0.110)	0.116 (0.0812)	-0.0670 (0.129)	-0.0364 (0.0584)	-0.0560 (0.0576)	-0.151 (0.102)	-0.0327 (0.0467)	0.0821 (0.137)
<i>EthnRemote</i>	0.0267 (0.0294)	0.0149 (0.0298)	0.00568 (0.0297)	0.0222 (0.0289)	0.0241 (0.0295)	0.0219 (0.0297)	0.0228 (0.0291)	0.0211 (0.0290)	0.0132 (0.0303)
<i>Overseas Island * EthnRemote</i>	-0.0426 (0.0451)	0.287* (0.166)	0.0359 (0.0444)	-0.0818 (0.153)	-0.121* (0.0667)	-0.0745 (0.0492)	-0.0286 (0.0350)	-0.0512 (0.0368)	-0.646** (0.306)
<i>Percent Tropical</i>	0.0403 (0.173)								
<i>Precipitation</i>		0.187*** (0.0884)							
<i>Rain Days</i>			0.300** (0.124)						
<i>Temperature</i>				-0.0480 (0.180)					
<i>Temperature Range</i>					-0.129 (0.0872)				
<i>Humidity</i>						0.0731 (0.0919)			
<i>Sunshine</i>							-0.119 (0.0982)		
<i>Frost Days</i>								0.0960 (0.165)	
<i>Wind Speed</i>									0.213** (0.103)
Constant	-0.104 (0.608)	-0.00483 (0.531)	-0.157 (0.525)	0.178 (0.542)	-0.124 (0.565)	0.0837 (0.550)	0.111 (0.529)	0.291 (0.629)	-0.126 (0.521)
<i>N</i>	302	301	301	301	301	301	301	301	301
<i>R</i> <sup>2</sup>	0.178	0.194	0.209	0.179	0.186	0.180	0.183	0.182	0.201

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$

Table G38: Additional regressions on the effect of 'first-nature' on 'second-nature'

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>	<i>Inst*Aut</i>
<i>Area</i>	-0.0281 (0.0451)	-0.0277 (0.0449)	-0.0310 (0.0457)	-0.0280 (0.0453)	-0.0254 (0.0458)	-0.0295 (0.0452)	-0.0273 (0.0444)	-0.0318 (0.0444)	-0.0146 (0.0431)
<i>Island (dummy)</i>	-0.672** (0.286)	-0.672** (0.286)	-0.676** (0.287)	-0.672** (0.286)	-0.668** (0.287)	-0.673** (0.287)	-0.671** (0.287)	-0.696** (0.306)	-0.587** (0.297)
<i>Overseas Island (dummy)</i>	0.951** (0.471)	0.954** (0.469)	0.924* (0.475)	0.943* (0.484)	0.975** (0.477)	0.938** (0.470)	0.958** (0.473)	1.596 (1.459)	1.695*** (0.599)
<i>Overseas Island * Area</i>	-0.0289 (0.0468)	-0.0293 (0.0464)	-0.0259 (0.0475)	-0.0278 (0.0494)	-0.0315 (0.0475)	-0.0275 (0.0469)	-0.0297 (0.0463)	-0.140 (0.228)	-0.128* (0.0696)
<i>EthnRemote</i>	0.0274 (0.0290)	0.0273 (0.0290)	0.0276 (0.0290)	0.0274 (0.0291)	0.0271 (0.0291)	0.0275 (0.0290)	0.0273 (0.0290)	0.0234 (0.0289)	0.0179 (0.0290)
<i>Overseas Island * EthnRemote</i>	-0.0476 (0.0306)	-0.0425 (0.0364)	-0.0471 (0.0306)	-0.0470 (0.0305)	-0.0474 (0.0307)	-0.0448 (0.0304)	-0.0476 (0.0306)	-0.208 (0.288)	0.216** (0.0875)
<i>Oil and Gas</i>	0.00206 (0.00343)								
<i>Diamonds</i>		0.00876 (0.0389)							
<i>Precious Metals</i>			0.00885* (0.00537)						
<i>Base Metals</i>				0.00212 (0.00660)					
<i>Iron</i>					0.00484 (0.00596)				
<i>Alloyants</i>						0.00825 (0.00758)			
<i>Water</i>							-0.000895 (0.0133)		
<i>Agricultural Land</i>								-0.0508 (0.0670)	
<i>Soil Quality</i>									-0.232** (0.0944)
Constant	0.213 (0.538)	0.211 (0.538)	0.240 (0.544)	0.213 (0.541)	0.191 (0.543)	0.226 (0.540)	0.206 (0.533)	0.252 (0.540)	-0.128 (0.520)
<i>N</i>	302	302	302	302	302	302	302	300	300
<i>R</i> <sup>2</sup>	0.178	0.178	0.178	0.178	0.178	0.178	0.178	0.176	0.207

Standard errors in parentheses. Country fixed-effects included in all regressions.

\*  $p < 0.10$ , \*\*  $p < 0.05$ , \*\*\*  $p < 0.01$