## **Data Appendix**

### Nightlights data:

Retrieved on June 26, 2020, from https://ngdc.noaa.gov/eog/dmsp/downloadV4composites.html. These annual composite images are made up of billions of pixels with each pixel emitting varying intensities of light. These pixels are scaled to a 30-arc-second grid (approx. 1 km<sup>2</sup> at the equator) between 65 degrees south and 75 degrees north latitude. The intensity of light emitted from each pixel is measured using a digital number (DN) that ranges from 0-63. A geographical region with a DN of 0 implies almost no light is being emitted from that particular region. On the other hand, a DN of 63 attributes to the highest possible intensity of light that can be emitted from a particular geographical region. To obtain nightlights data at the district level in India, we superimpose the 1993 nightlights composite image with the 1993 district-level shapefile of India obtained from IPUMS<sup>1</sup> International GIS Boundary Files in ArcGIS. The ArcGIS software produces zonal statistics where it adds up the intensity of lights coming from each pixel within each district and provides a *sum of lights* statistic that represents the total luminosity of nightlights emitted in 1993 from each district.

## Data on Direct and Indirect British Rule:

While our data on direct and indirect British rule are obtained from Iyer (2010) we made some adjustments in light of some disagreement in the literature about whether a district was under the direct rule or indirect rule.<sup>2</sup> We refer to two more recent studies, Verghese (2019) and Castello-Climent et al. (2018), as well as independent sources to validate this. We adjust the classification for 5 districts in Iyer (2010): Solan, Bastar, Balangir, and The Dangs were classified as directly ruled and we reclassified them as indirectly ruled; Chamoli was classified as indirectly ruled and we reclassified it as directly ruled. For 4 of these districts our classification agrees with Castello-Climent et al. (2018) while for the 5<sup>th</sup>, Solan, we use the same classification as Verghese (2019). In addition to this Iyer's (2010) data considers Bongaigaon to be a part of the Goalpara in Assam and Tiruvannamalai Sambuvarayar in Tamil Nadu to be a part of the North Arcot district in Tamil Nadu. However, in 1989, Bongaigaon district (Assam) was formed from parts of the Goalpara and

<sup>&</sup>lt;sup>1</sup> We provide more information on IPUMS later.

<sup>&</sup>lt;sup>2</sup> We report all these adjustments to the data in Table A16 in the online appendix.

Kokrajhar districts in Assam. In the same year, the North Arcot district was split into Tiruvannamalai Sambuvarayar and North Arcot Ambedkar. We, therefore, consider these 2 districts (Bongaigon in Assam and Tiruvannamalai Sambuvarayar in Tamil Nadu) as separate observations in our analysis (Kumar and Somanathan, 2009; Statoids<sup>3</sup>).

As per the 1991 Census, there were 410 districts across the 17 major states that Iyer (2010) uses in her analysis. However, Iyer (2010) states that there were 415 districts. The reason for this discrepancy is that Iyer (2010) has 17 districts in the state of Punjab (2001 Census) while according to the 1991 Census, Punjab was divided into 12 districts.

For reclassifying districts, we compare historical and modern maps by overlaying historical maps of the political division of India (obtained from Imperial Gazetteer 1909, MapsofIndia (<u>http://www.mapsofindia.com</u>), and David Rumsey Map Collection (India and Farther India – political, 1922)) on modern (1991) district-level map of India in ArcGIS.

#### Lapse (Instrument for Direct Rule):

This dummy variable is taken from Iyer (2010) with one adjustment. As described above, we changed the classification of Bolangir from a directly ruled district to an indirectly ruled one. The area of the current Bolangir district in Odisha is comprised of the former Patna state which was a princely state till India's independence. The neighboring Sambalpur state (and the modern Sambalpur district) did come under direct British rule under the *Doctrine of Lapse*. As a result of the re-classification of Bolangir, only 15 districts (as opposed to 16 in Iyer (2010)) came under direct British rule under the *Doctrine of Lapse*.

We further adjust the data for the duration of British rule, the native level used for clustering standard errors, and *lapse* (instrument used in 2SLS analysis) data accordingly for these 7 districts as well as 5 additional districts. We report all these adjustments to the data in Table A10 in the online appendix.

<u>IPUMS</u>: IPUMS is an online data inventory containing census data from countries all over the world. The IPUMS project makes data available free of cost for academic research and educational purposes through its website. This project is a collaboration of the University of Minnesota,

<sup>&</sup>lt;sup>3</sup> "Districts of India." http://www.statoids.com/yin.html.

National Statistical Organizations across the world, international data archives, and other international organizations.

<u>District-level Population 1991</u>: We obtain district-level population data from the 1991 Census Handbook of India as well as the Indian District Database that is overseen by Prof. Reeve Vanneman from the Department of Sociology at the University of Maryland. The Indian District Database houses district-level Census as well as agricultural data of India from 1961-1991. Data can be found at <u>http://vanneman.umd.edu/districts/files/index.html</u>.

<u>Natural Earth Data</u>: Natural Earth Data provides free vector and raster map data at 1:10m, 1:50m, and 1:110m scales. This data is organized across three broad categories: cultural, physical, and raster. The coastal boundary shapefile used in our analysis can be found under the physical category at the 1:10m scale.

Data retrieved on Jan 19, 2020, from <u>https://www.naturalearthdata.com/downloads/10m-physical-vectors/10m-coastline/</u>.

<u>District-level Literacy Rate in 1991 and 2011</u>: We obtain data on the literacy rate in 1991 and 2011 from the 1991 and 2011 Census of India respectively. Since no census was performed in Jammu and Kashmir in 1991, we use the average of 1981 and 2001 literacy rates for districts in Jammu and Kashmir instead. The 1991 Census of India Handbook defines *literacy rate* as the percent of literate persons in the age group 7 and above. According to the census, "a person who can read and write with understanding in any language", is considered to be literate. Since the literacy rate obtained for 2011 is as per the 2011 district boundaries, we refer to Kumar and Somanathan (2009) and Statoids<sup>4</sup> in matching this data to the districts in our dataset (1991 census boundaries).

<u>Historical Location of Catholic Missionaries in 1911</u>: We obtain data on the historical location of Catholic missionaries in 1911 for most districts in our sample from Castello-Climent et al. (2018). 18 modern districts (1991 district boundary) had missing data on the historical location of Catholic missionaries in 1911. For these districts with missing data, we overlay the historical map of India published in the first edition of Atlas Hierarchicus by Karl Streit (1913 edition) on the modern

<sup>&</sup>lt;sup>4</sup> "Districts of India." http://www.statoids.com/yin.html.

district level (1991 level) map of India in ArcGIS to obtain data on the historical location of Catholic missionaries in India in 1911.

Share of Population with Primary School Completion in 1961: We obtain data on the share of individuals with primary school completion as of 1961 from Castello-Climent et al. (2018). The analysis by Castello-Climent et al. (2018) is based on 2001 district boundaries. We refer to Kumar and Somanathan (2009) and Statoids<sup>5</sup> in matching their data to the districts in our dataset, which are based on 1991 district boundaries. This data is only available for 394 out of the 412 districts used in our analysis.

Infant Mortality Rate (IMR) 1991 and 2011: We refer to the Government of India (1997) and manually obtain IMR in 1991 for districts in all states except Jammu & Kashmir (J&K hereon) as no census was held in J&K in 1991. For J&K data, we refer to a dataset produced by the India State-Level Disease Burden Initiative Child Mortality Collaborators<sup>6</sup> and use the IMR in 2000 instead. The district-level IMR data for 2011 is obtained from the National Health Systems Resource Centre (NHSRC) which is affiliated with the National Health Mission of the Ministry of Health and Family Welfare in the Government of India. Since this data is available as per the 2011 district boundaries, we refer to Kumar and Somanathan (2009) and Statoids<sup>7</sup> in matching this data to the districts in our dataset (1991 census boundary).

<u>Road Length Per Capita and Railroad Length Per Capita</u>: We obtain raw data on roads and railroads as of 1992 from DIVA-GIS. We import these vector (line) raw data files for roads and railroads into the ArcGIS software and obtain the total length of roads and railroads (km) passing through each of the 466 districts as of 1992.<sup>8</sup> We then divide these measures with the population of that district to obtain our variables of interest for infrastructure, i.e., road length per capita and railroad

<sup>&</sup>lt;sup>5</sup> "Districts of India." http://www.statoids.com/yin.html.

<sup>&</sup>lt;sup>6</sup> The dataset was published in the Lancet in 2020 in a study titled "Subnational mapping of under-5 and neonatal mortality trends in India: The Global Burden of Disease Study 2000-17."

<sup>&</sup>lt;sup>7</sup> "Districts of India." http://www.statoids.com/yin.html.

<sup>&</sup>lt;sup>8</sup> The original source of the roads and railroads data is the Digital Chart of the World (DCW). The DCW is a comprehensive digital map of the world and houses GIS global database on roads, populated places, railroads, utilities, drainage, ocean features, land cover, hypsography, cultural landmarks, etc. This dataset updated by the National Geospatial Agency (NGA) in 1992 and has been freely available for public use since 2006.

length per capita. Similar to nightlights per capita in 1993, we use the natural log of these variables in our analysis.

<u>Number of bank branches per capita as of 1993 and 2011</u>: We obtain data on bank branches from SHRUG open data platform. This data was originally compiled using the RBI Commercial Bank Directory by Garg and Gupta (2020) and matched to the villages in Census 2011 by Asher et al. (2021). The dataset consists of information such as the location and opening date of each commercial bank branch in the country. We first aggregate the number of bank branches as of 1993 and 2011 to the district-level (2011 Census boundary) respectively, then match this data to the 1991 district boundaries, and lastly divide it by the 1991 and 2011 district populations respectively to obtain the number of bank branches per capita for 1993 and 2011.

Female Labor Force Participation Rate in 1991 and 2011: We obtain the total female population (age 15+) as well as the total number of female workers (age 15+) from the 1991 and 2011 Census of India respectively. The total number of female workers (age 15+) is the summation of total female main workers (age 15+), total female marginal workers (age 15+), and total female non-workers seeking/available for work (age 15+). We obtain these numbers separately for female workers in 1991 and 2011. Since the data for 2011 is available as per the 2011 district boundaries, we refer to Kumar and Somanathan (2009) and Statoids<sup>9</sup> in matching the data to the districts in our dataset, which are as per the 1991 census boundary. We divide the total number of female workers (age 15+) by the total female population (age 15+) to obtain the female labor force participation rate in 1991 and 2011 respectively.

<u>Avg. Manufacturing Labor Productivity 1993-94</u>: We resort to the Annual Survey of Industries (ASI) 1993-94 data for firm-level data on total output and the number of employees. We aggregate this data to the district level and then compute the average manufacturing labor productivity 1993-94 by dividing the total number of employees by the total output. We match the districts in the ASI 1993-94 dataset to the districts in our dataset (1993 census boundary) using the concordance provided to us by Adhvaryu et al. (2013). This dataset is available for 385 out of the 412 districts in our analysis.

<sup>&</sup>lt;sup>9</sup> "Districts of India." http://www.statoids.com/yin.html.

<u>Avg. Voter Turnout Percentage 2008 – 2013</u>: We obtain data on legislative assembly elections from the SHRUG open data platform. The data is originally compiled by the Trivedi Center for Political Analysis at Ashoka University (Jensenius and Verniers, 2017). The dataset contains information such as voter turnout and vote totals for each candidate and party for all legislative assembly elections from 1980 - 2013. While the data is available from 1980, the district identifiers for the respective constituencies are only available starting in 2008. We aggregate the legislative constituency data to the district level to obtain the average voter turnout between 2008 - 2013. We refer to Kumar and Somanathan (2009) and Statoids<sup>10</sup> in matching the data to the districts in our dataset (1991 census boundaries).

Exposure to Mass Media: We use the fraction of households within a district in which people 'regularly' read the newspaper to capture the exposure to mass media. We obtain this data from the second round of the India Human Development Survey (IHDS) – II that was conducted in 2012. We aggregate the household responses to question 13.2 of the Income and Social Capital Questionnaire of IHDS – II (2012) to the district level and compute the fraction of households within a district in which people 'regularly' read the newspaper. Since the IHDS dataset uses district identifiers based on the 2001 census boundaries, we refer to Kumar and Somanathan (2009) and Statoids<sup>11</sup> in matching the aggregated IHDS data to the districts in our dataset (1991 census boundaries).

<u>Local Trust and Conflict</u>: We use the fraction of households within a district that believes there is 'not much' conflict among communities (*jatis*) in their village/neighborhood as a proxy for local trust and conflict. We obtain this data from IHDS – II (2012). We aggregate the household responses to question 19.3 of the Income and Social Capital Questionnaire of IHDS-II (2012) to the district level and compute the fraction of households within a district that believes there is 'not much' conflict among communities (*jatis*) in their village/neighborhood. Since the IHDS dataset uses district identifiers based on the 2001 census boundaries, we refer to Kumar and Somanathan

<sup>&</sup>lt;sup>10</sup> "Districts of India." http://www.statoids.com/yin.html.

<sup>&</sup>lt;sup>11</sup> "Districts of India." http://www.statoids.com/yin.html.

(2009) and Statoids<sup>12</sup> in matching the aggregated IHDS data to the districts in our dataset (1991 census boundaries).

<u>Institutional Data for excluded districts (45 districts)</u>: We manually obtain data for the remaining 45 districts from the respective district government's website as well as the Imperial Gazetteer of India (1909, 1922, 1931). We also verify our coding of these 45 districts by overlaying historical maps of the political division of India on modern (1991) district-level maps of India in ArcGIS. Historical maps were obtained from Imperial Gazetteer 1909, David Rumsey Map Collection (India and Farther India – political, 1922), and MapsofIndia (http://www.mapsofindia.com).

# Geographical Controls:

We obtain the area (sq. km) of all the 466 districts in 1991 from the Census Digital Library of India (Office of the Registrar General & Census Commissioner, India) which makes available all Census tables published from 1991-2011. We refer to DIVA-GIS for raw geographic data on elevation and river length and utilize ArcGIS software to obtain the average elevation (m) and total length of all rivers (km) passing through each of the 466 districts. DIVA-GIS provides free spatial data for the whole world. Data include inland water (rivers, canals, and lakes), elevation, administrative boundaries, roads, railroads, and land cover.

We also extract the latitude of the centroid of each district using the ArcGIS software. We follow Chanda and Kabiraj (2020) and obtain the coastal boundary shapefile from Natural Earth Data. We import this into ArcGIS software and compute the distance to the nearest coastline (100 km) from the centroid of each district.

Furthermore, we obtain monthly temperature and precipitation data from the Department of Geography at the University of Delaware which maintains an archive containing gridded monthly time series (1900-2017) of terrestrial air temperature and precipitation data (Shah and Steinberg, 2017).<sup>13</sup> We import this gridded raw data into ArcGIS and obtain the average annual temperature (°C) and average annual rainfall (mm) for each of the 466 districts. We compute the

<sup>&</sup>lt;sup>12</sup> "Districts of India." http://www.statoids.com/yin.html.

<sup>&</sup>lt;sup>13</sup> The "Terrestrial Air Temperature and Precipitation: Gridded Monthly Time Series (1900 – 2017)" dataset is produced and documented by Cort J. Willmott and Kenji Matsuura. The dataset can be accessed at: http://climate.geog.udel.edu/~climate/html pages/README.ghcn ts2.html

average annual temperature and average annual rainfall for the year 1993 using monthly data from 1900-1993.

<u>Terrain Ruggedness (100 m)</u>: We obtain data on terrain ruggedness from Nunn and Puga (2012) and use ArcGIS to extract the index of terrain ruggedness (100 m) for all 412 districts in our analysis. Data retrieved on Aug 20, 2020, from <u>https://diegopuga.org/data/rugged/#grid</u>.

<u>Agricultural Land Suitability Index</u>: For the agricultural land suitability index, we refer to Ramankutty et al. (2002). Ramankutty et al. (2002) divide the world geographical map into smaller 0.5-degree grid cells and develop an index representing the fraction of land suitable for agriculture in each grid cell using the temperature and soil conditions of each grid cell. We obtain this agricultural suitability index dataset from the Center for Sustainability and the Global Environment, University of Wisconsin – Madison where it is publicly available. We then use the ArcGIS software to extract the average agricultural suitability index for all 412 districts. Given the nature of the raw dataset, the agricultural suitability index data is only available for 377 districts of the 412 districts in our analysis. Data retrieved on Aug 20, 2020, from https://nelson.wisc.edu/sage/data-and-models/atlas/maps.php.

<u>Historical Controls</u>: We obtain the set of historical controls from Castello-Climent et al. (2018). The set of historical controls includes the share of the urban population in 1931, the share of the tribal population in 1931, the share of the brahman (type of caste) population in 1931, the presence of railways in 1909, population density in 1931, and the number of Europeans in 1931 for the 412 districts in our sample. We match the districts in our dataset to the districts in Castello-Climent et al. (2018) keeping in mind the boundary changes between 1991 and 2001 and can obtain these historical controls for 394 districts of the 412 districts in our analysis. The remaining 18 districts are not included in the Castello-Climent et al. (2018) sample and hence we are not able to obtain data on historical controls for them. The 18 districts that are not included in the Castello-Climent et al. (2018) sample for which we do not have historical data are Hyderabad (Andhra Pradesh), Aurangabad (Bihar), Bhojpur (Bihar), Gaya (Bihar), Jehanabad (Bihar), Nawada (Bihar), Patna (Bihar), Rohtas (Bihar), Delhi (Delhi), Lahul & Spiti (Himachal Pradesh), Seoni (Madhya Pradesh), Greater Bombay (Maharastra), Churu (Rajasthan), Chengalpattu M.G.R. (Tamil Nadu),

Madras (Tamil Nadu), South Arcot (Tamil Nadu), Calcutta (West Bengal), and West Dinajpur (West Bengal).

<u>Average Consumption Per Capita 1993-1994</u>: Topalova (2010) obtains data on consumer expenditure from the NSS (National Sample Survey) for the years 1983, 1987-1988, 1993-1994, and 1999-2000. She calculates the average consumption per capita at the district level in India for each of these years. For our analysis, we obtain the 1993-1994 average consumption per capita data at the district level for 1993-1994 (NSS, 50<sup>th</sup> round).

Pand A: CLS and Second-stage Regressions         Dependent variable: log lights per capita in 1993         Full Sample         Sample <th></th> <th>(1)</th> <th>(2)</th> <th>(3)</th> <th>(4)</th> <th>(5)</th> <th>(6)</th> <th>(7)</th> <th>(8)</th> <th>(9)</th>		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Full Sample         Neighboring Districts         Full Sample Sample         Neighboring Sample         Full Sample Sample         Neighboring Sample         Full Sample Sample         Sample Sample         Full Sample Sample         Neighboring Sample         Sample Sample         <	Panel A: OLS and Second-stage R	Regressions								
Full Sample         Neighboring Districts         IV Sample         Full Sample Sample         IV Sample Sample           OLS         OLS         OLS         OLS         OLS         OLS         2SLS				Depe	ndent varia	ble: log ligh	ts per capita	a in 1993		
Full sample         Tork mode         IV sample				Neigl	horing			Full		
OLS         OLS         OLS         OLS         PALS         PAL		Full S	Sample	Dis	tricts	IV Sa	mple	Sample	IV Sa	mple
Brit direct rule       -0.502***       -0.164       -0.336***       -0.546*       -0.446*       -0.495***       -0.537***       0.286         Share (25+) Higher Edu 1991       -5.99***       -0.137       (0.137)       (0.137)       (0.137)       (0.149)       (0.206)       0.0160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.160)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.18)       (0.17)       (0.18)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.17)       (0.		OLS	OLS	OLS	OLS	OLS	2SLS	2SLS	2SLS	2SLS
(0.20)         (0.17)         (0.137)         (0.137)         (0.137)         (0.137)         (0.146)         (0.266)           Share (25+) Higher Edu 1991         4.594***         2.511**         2.636*         2.630**         8.956***         3.670         5.666           Share (25+) Primary         4.376***         2.517***         3.749***         3.671***         3.955         2.573         (1.743)           K-Middle Edu 1991         (1.408)         0.686         0.744         (0.685)         0.574         0.584         0.584           Panel B: First-stage Regressions for Brit direct rule         Dependent variable: Brit direct rule indicate rule         0.587         0.588         0.567         0.514         0.584           Share (25+) Higher Edu 1991         -         -         0.593         -         0.374         0.374           Share (25+) Higher Edu 1991         -         -         0.645         0.741         0.0479           Share (25+) Higher Edu 1991         -         -         0.463         0.643         0.0447           Caholic missionary         0.645         0.645         0.041         0.0424**         0.404*           Share Primary Edu 1961         -         -         0.4064         0.0211         0.0131	Brit direct rule	-0.502**	-0.568***	-0.164	-0.336**	-0.585***	-0.466	-0.494***	-0.557***	-0.540*
Share (25+) Higher Edu 1991         4.594***         4.418***         2.561*         2.636*         8.956***         5.705         5.669           Share (25) Primary         4.377***         2.2317         (1.494)         (2.801)         (2.807)         (4.164)           Raquared         0.372         0.508         0.744         0.6853         (2.573)         (1.744)         (1.743)           Raquared         0.372         0.508         0.479         0.558         0.567         0.514         0.584         0.584           Danel B. First-stage Regressions for Brit direct rule         0.598****         (0.183)         (0.177)         0.573         0.568         0.591         0.584         0.584         0.584         0.584         0.587****         (0.177)         0.573         0.568         0.561         0.574         0.514         0.587****         (0.177)         0.573         0.562         0.574         0.543         0.574         0.562         0.544         5.755         5.669         0.577         0.514         0.587***         0.562         0.543         0.574         0.545         5.755         5.669         0.573         0.572         0.574         0.574         0.574         0.572         0.572         0.572         0.572		(0.204)	(0.175)	(0.127)	(0.137)	(0.178)	(0.296)	(0.160)	(0.146)	(0.286)
Out         Out <thout< th=""> <thout< th=""> <thout< th=""></thout<></thout<></thout<>	Share (25+) Higher Edu 1991		4.594***		4.418***	2.561*	2.636*	8.956***	5.705	5.669
Share (25+) Primary         4.376***         2.517***         3.749***         3.671***         3.995         2.960*         2.948*           A: Middle Edu 1991         (1.408)         (0.868)         0.773         0.658         0.657         0.514         0.514         0.514         0.514         0.514           Panel B: First-stage Regressions for Brit direct rule         Dependent variable: Brit direct rule indicert rule indicert rule         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558         0.558			(0.972)		(1.237)	(1.490)	(1.494)	(2.801)	(3.947)	(4.166)
& Middle Edu 1991       (1.408)       (0.868)       (0.744)       (0.885)       (2.573)       (1.794)       (1.743)         R-squared       0.372       0.508       0.479       0.573       0.568       0.514       0.584       0.584         Panel B: First-stage Regressions for Brit direct rule       Dependent variable: Brit direct rule indicator       (0.183)       (0.777)       0.568       0.587***       (0.777)         Share (25+) Higher Edu 1991       -0.533       (0.629)       (0.648)       0.644       0.644         Catholic missionary       0.645       0.344       (0.6475)       0.644       0.649         Share Primary Edu 1961       I.474*       (0.629)       (0.649)       0.649         Panel C: First-stage Regressions for Share (25+) Higher Education       0.401       0.300***       0.404***       0.0404**         Catholic missionary       0.0649       0.021***       0.401***       0.0010***       0.402****       0.0010***         Share Primary Edu 1961       Expendent variable: Share (25+) Higher Education 1991       0.00648       0.0021***       0.0010***       0.0010***       0.0010***         Share Primary Edu 1961       Expendent variable: Share (25+) Primary & Middle Education       90.0053       0.00011)       0.00099       0.0013* <td< td=""><td>Share (25+) Primary</td><td></td><td>4.376***</td><td></td><td>2.517***</td><td>3.749***</td><td>3.671***</td><td>3,995</td><td>2.960*</td><td>2.948*</td></td<>	Share (25+) Primary		4.376***		2.517***	3.749***	3.671***	3,995	2.960*	2.948*
R-squared         0.372         0.508         0.479         0.573         0.568         0.567         0.514         0.584         0.584           Panel E. First-stage Regressions for Brit direct rule         Dependent variable: Brit direct rule indicator         0.598***         0.598***         0.587***           Lapse         0.559         0.598***         0.598***         0.577         0.514         0.577           Share (25+) Frimary         0.645         0.344         0.645         0.344           Middle Edu 1991         0.645         0.344         0.6475         0.6447           Catholic missionary         0.645         0.401         0.6430           Panel C. First-stage Regressions for Share (25+) Higher Education         0.401         0.4030           Panel C. First-stage Regressions for Share (25+) Higher Education         0.401         0.404***           Catholic missionary         0.401         0.401***         0.401***           Object Variable: Share (25+) Higher Education         9.000***         0.404***           Share Primary Edu 1961         0.50***         0.415***         0.415***           Share Primary Edu 1961         0.50***         0.473         0.522         0.503*           Brit direct rule         0.00648         0.0211**	& Middle Edu 1991		(1.408)		(0.868)	(0.744)	(0.685)	(2.573)	(1.794)	(1.743)
Panel B: First-stage Regressions for Brit direct rule         Dependent variable: Brit direct rule indicator           Lapse         0.593         (0.183)         (0.177)           Share (25+) Fligher Edu 1991         -0.593         (0.629)         (0.645)         0.344           Share (25+) Fligher Edu 1991         0.645         0.344         (0.647)         (0.648)         (0.648)           Catholic missionary         0.6645         0.344         (0.647)         (0.647)         (0.647)           Share Othor and the Edu 1991         0.645         0.344         (0.647)         (0.647)         (0.471)         (0.647)           Share Primary Edu 1961         1.474*         (0.0407)         (0.472)         (0.407)         (0.472)         (0.404*         (0.401)         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         0.4001         0.430         (0.0077)         (0.0097)         (0.0044*         (0.00624)         (0.011)         (0.0709)         (0.0079)         (0.0064)         (0.021)         0.01079         (0.0079)         (0.0011)         (0.0709)         (0.0079)         (0.0011)         (0.0709)         (0.0079)         (0.0011)         (0.0709)         (0.0079)         (0.0011)         (0.0709)         (0.0079)         (0.0011)         (0.0709)	R-squared	0.372	0.508	0 4 7 9	0.573	0 568	0.567	0 514	0 584	0 584
Dependent variable: Brit direct rule indicator           Lapse         0.598****         0.587***           (0.183)         (0.177)           Share (25+) Higher Edu 1991         -0.593           (0.629)         (0.629)           Share (25+) Primary         0.645         0.344           & Middle Edu 1991         (0.652)         (0.648)           Catholic missionary         0.0649         (0.0475)           Share Primary Edu 1961         1.474*         (0.872)           Catholic missionary         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         0.0300***         0.0424***         0.0404**           Catholic missionary         0.0300***         0.423***         0.0404***         0.0404***           Catholic missionary         0.0300***         0.423***         0.0404***         0.0404***           Share Primary Edu 1961         0.553***         0.453***         0.453***         0.415***           Lapse         -0.00648         -0.0211**         (0.0079)         0.00018)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education 1991         Share Primary Edu 1961         1.066***	Panel B: First-stage Regressions	for Brit dire	ect rule	011/2	01070	01000	010 07	01011	01001	01001
Lapse         0.598***         0.598***         0.587***           (0.183)         (0.177)           Share (25+) Higher Edu 1991         -0.593         (0.629)           Share (25+) Primary         0.645         0.344           & Middle Edu 1991         0.645         0.0648           Catholic missionary         0.640         (0.0475)           Share Primary Edu 1961         -0.401         -0.330           Frand C: First-stage Regressions for Share (25+) Higher Education         -0.401         -0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         -0.401         -0.430           Share Primary Edu 1961         -0.401         -0.430         -0.411           Share Primary Edu 1961         -0.551***         -0.415***         0.000771           Share Primary Edu 1961         -0.551***         -0.415***         -0.00553           Share Primary Edu 1961         -0.501***         -0.00553         -0.00113           Lapse         -0.00648         -0.021***         -0.00553           Share Primary Edu 1961         -0.00654         -0.021***         -0.00553           Share Primary Edu 1961         -0.00634         -0.021***         -0.00553           Candolic missionary         0.473*         0				De	nendent var	iable <sup>.</sup> Brit d	irect rule in	dicator		
clapic       0.30 mmm       0.30 mmm         (0.17)       Share (25+) Higher Edu 1991       -0.593       0.170         Share (25+) Primary       0.645       0.344         & Middle Edu 1991       0.652)       0.6648         Catholic missionary       0.645       0.344         Share Primary Edu 1961       1.474*       0.6523         Share Primary Edu 1961       0.401       0.430         Catholic missionary       0.401       0.4300***         Questionary       0.00010***       0.0424***       0.0404***         Catholic missionary       0.00025       0.000971       0.000971         Catholic missionary       0.0550***       0.432***       0.413***         Catholic missionary       0.0525       0.00971       0.000931         Share Primary Edu 1961       0.550***       0.433***       0.41***         Catholic missionary       0.06624       0.021**       -0.00553         Iapse       -0.00648       -0.021***       -0.00058         R-squared       0.473       0.572       0.551***         Dependent variable: Share (25+) Primary & Middle Education       -0.00553       (0.0018)         R-squared       0.473       0.572       0.551*** <tr< td=""><td>Lance</td><td></td><td></td><td>24</td><td>pendent fu</td><td></td><td>0 508***</td><td>ureator</td><td></td><td>0 587***</td></tr<>	Lance			24	pendent fu		0 508***	ureator		0 587***
Share (25+) Pingher Edu 1991       -0.593       (0.629)         Share (25+) Pingary       0.645       0.344         Middle Edu 1991       (0.652)       (0.648)         Catholic missionary       0.645       (0.648)         Share Primary Edu 1961	Lapse						(0.183)			(0.177)
Shale (25) fright hight high	Shara (25+) High or Edu 1001						0.503			(0.177)
Share (25+) Primary         0.645         0.344           & Middle Edu 1991         (0.652)         0.645           Catholic missionary         0.0649         0.0649           Share Primary Edu 1961         1.474*         (0.872)           Share Drimary Edu 1961         1.474*         (0.872)           Catholic missionary         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         0.401**         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         0.00648         0.0024**         0.0404**           Catholic missionary         0.55****         0.435****         0.415****         0.0079)           Share Primary Edu 1961         -         -         0.00648         -0.0241***         0.00079)           Brit direct rule         -         -         0.00648         -0.0211***         (0.0071)         0.0079)           Iapse         -         -         0.00648         -0.021***         -         -           Share Primary Edu 1961         Dependent variable: Share (25+) Primary & Middle Education         1.91***         -         -         -           Share Primary Edu 1961         -         -         -         -         -         -	Share (23+) Higher Edu 1991						-0.393			
Share (25+) Primary       0.0493       0.0493         Catholic missionary       0.0643       0.0649         Catholic missionary       0.401       0.0649         Share Primary Edu 1961       0.401       0.430         Panel C: First-stage Regressions for Share (25+) Higher Education       0.401       0.430         Panel C: First-stage Regressions for Share (25+) Higher Education       0.0300***       0.0424***       0.0404**         Catholic missionary       0.0300***       0.0424***       0.0404**       0.000931)         Share Primary Edu 1961       0.550***       0.455***       0.415***       0.000931)         Share Primary Edu 1961       0.550***       0.455***       0.415***       0.000931)         Lapse       -0.00648       -0.0241**       (0.00918)       0.00113)       0.00153         R-squared       0.473       0.6152       0.001918)       -0.00553       (0.00918)         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       1.066***       1.077***       1.051***         Share Primary Edu 1961       1.066***       1.077***       1.051***       (0.0093)       0.0101       0.0229       0.00183         R-squared       0.00190       0.0225       0.00133       (0.0115)       0.01	Share (251) Driver						(0.029)			0.244
Catholic missionary         (0.022)         (0.0747)           Share Primary Edu 1961         1.474*         (0.0475)           Share Primary Edu 1961         0.400         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         0.00649         0.00025)         0.0042****         0.0040**           Catholic missionary         0.0300***         0.0424***         0.0404**         0.000971)         (0.0079)           Share Primary Edu 1961         0.550***         0.453***         0.415***         0.00070)           Share Primary Edu 1961         0.550***         0.453***         0.415***         0.00070)           Brit direct rule         -0.00648         -0.021***         -0.00553         0.00918)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         100113         1.051***           Share Primary Edu 1961         1.051***         (0.0101)         (0.122)         (0.115)           Share Primary Edu 1961         0.025         0.00190         0.00259         0.00138         (0.0101)           Share Primary Edu 1961         0.025         0.00190         0.00259         0.00138         (0.0101)         (0.122)	Share (25+) Primary						0.645			(0.544)
Catholic missionary         0.0049           Share Primary Edu 1961         1.474*           R-squared         0.401         (0.872)           Panel C: First-stage Regressions for Share (25+) Higher Education         0.900***         0.9024***         0.9044**           Catholic missionary         Dependent variable: Share (25+) Higher Education 1991         1.474*         (0.0077)         0.0024***         0.0424***         0.0424***         0.0404**           Share Primary Edu 1961         0.550***         0.453***         0.415***         (0.00624)         (0.0071)         (0.0709)           Brit direct rule         0.0064         (0.0024)         (0.0071)         (0.0079)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         1091         (0.0078)           Share Primary Edu 1961         10.51***         1.051***         1.051***           Share Primary Edu 1961         10.77***         1.051***         1.051***           Share Primary Edu 1961         10.77***         1.051***         1.051***           Share Primary Edu 1961         10.77***         1.051***         1.051***           Share Primary Edu 1961         10.01**         1.051***         0.01019							(0.052)			(0.048)
Share Primary Edu 1961         1474* (0.872)           R-squared         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         1991         0.300***         0.0424***         0.004**           Catholic missionary         0.0300***         0.0424***         0.0047**         0.00072)         0.00977)         0.009971)           Share Primary Edu 1961         0.550***         0.415***         0.000625)         0.000711)         0.0709)           Brit direct rule         -0.00648         -0.0241**         (0.00634)         (0.0113)         -           Lapse         -0.00648         -0.0241**         (0.00918)         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         - </td <td>Catholic missionary</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>0.0649</td>	Catholic missionary									0.0649
Share Primary Edu 1961       1.474*         R-squared       0.401       0.430         Panel C: First-stage Regressions for Share (25+) Higher Education       0.0300***       0.0424***       0.0404**         Catholic missionary       0.0300***       0.0424***       0.0404**       0.0404**         Catholic missionary       0.0300***       0.0424***       0.0404**       0.0404**         Share Primary Edu 1961       0.550***       0.453***       0.415***       0.415***         Share Primary Edu 1961       0.550***       0.453***       0.415***       0.000623       (0.00931)         Brit direct rule       -0.00648       -0.0211**       (0.0079)       0.0709       0.0709         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       90       0.553       (0.00918)         R-squared       -0.473       0.572       0.553       (0.00918)         Share Primary Edu 1961       1.066***       1.077***       1.051***         Share Primary Edu 1961       0.00299										(0.0473)
R-squared         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         Dependent variable: Share (25+) Higher Education 1991         0.0300***         0.0424***         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404***         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.0404**         0.415***         0.0404**         0.0404**         0.415***         0.415***         0.415***         0.415***         0.415***         0.0401**         1.051***         0.000553         (0.00918)         R-squared         0.00553         (0.00918)         R-squared         0.0011         (0.122)         (0.115)         0.0015***         1.051***         1.051***         1.051***         (0.0103)         (0.0115)         0.00183         (0.0101)         0.122)         (0.115)         0.00183         (0.0158)         (0.0101) <td>Share Primary Edu 1961</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1.474*</td>	Share Primary Edu 1961									1.474*
R-squared         0.401         0.430           Panel C: First-stage Regressions for Share (25+) Higher Education         Dependent variable: Share (25+) Higher Education 1991            Catholic missionary         0.0300***         0.0424***         0.0404**           Share Primary Edu 1961         0.550***         0.453***         0.415****           Brit direct rule         -0.00648         -0.0241**         (0.00623)         (0.00711)         (0.0709)           Brit direct rule         -0.00648         -0.0241**         -0.00553         (0.00918)         -0.00553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         1.066***         1.077***         1.051***           Share Primary Edu 1961         Dependent variable: Share (25+) Primary & Middle Education         1.017         1.051***         1.051***           Share Primary Edu 1961         -0.0010         0.0122         (0.0113)         1.051***         1.051***           Share Primary Edu 1961         -0.0010         0.0122         (0.0115)         0.0101         0.0122         (0.0115)           Catholic missionary         -0.0010         0.0025         0.0013         (0.0103)         (0.0101)           Brit direct rule         -0.00848         -0.0175         (0.0103)         (0.0101)<										(0.8/2)
Panel C: First-stage Regressions for Share (25+) Higher Education         Dependent variable: Share (25+) Higher Education 1991           Catholic missionary         0.0300***         0.0424***         0.0042**           Share Primary Edu 1961         0.550***         0.453***         0.415***           Brit direct rule         -0.00648         -0.0241**         0.000634)         (0.0113)           Lapse         -0.00533         (0.00918)         -0.00553         (0.00918)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         1991         -0.00553           Share Primary Edu 1961         1.066***         1.077***         1.051***           Share Primary Edu 1961         -0.00190         0.00259         0.00138           Catholic missionary         -0.00190         0.00259         0.00138           Guildie missionary         -0.00190         0.00259         0.00138           R-squared         -0.00848         -0.0175	R-squared	6 61 (2		<b>F1</b> <i>C</i>			0.401			0.430
Catholic missionary         0.030****         0.0424***         0.004***           Catholic missionary         0.030****         0.0424***         0.000777         0.009717           Share Primary Edu 1961         0.550****         0.453****         0.415***           Brit direct rule         -0.00648         -0.0241**         (0.00634)         (0.0113)           Lapse         -0.00648         -0.0241**         -0.00553         (0.00918)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         1991         -0.00553           Share Primary Edu 1961         1.066***         1.077***         1.051***           Share Primary Edu 1961         -0.00190         0.00259         0.00138           Catholic missionary         -0.00190         0.00259         0.00138           Guino missionary         -0.00190         0.00259         0.00138           Catholic missionary         -0.00848         -0.0175         (0.0158)           R-squared         -0.00848         -0.0175         (0.0158)           R-squared         -0.1456         0.001         0.002         0.0011           Lapse         -0.1456         0.001         0.0	Panel C: First-stage Regressions	for Share (2	(5+) Higher	Education	1	GL (2.5.)	17 1 F1			
Catholic missionary       0.0300***       0.0424***       0.0404**         0.00625       (0.00977)       (0.00931)         Share Primary Edu 1961       0.550***       0.453***       0.415***         Brit direct rule       -0.00648       -0.021**       (0.0709)         Brit direct rule       -0.00648       -0.021**       (0.00911)       (0.0709)         Brit direct rule       -0.00648       -0.021**       (0.00918)       (0.00918)         R-squared       0.473       0.572       0.553       (0.00918)         Panel D. First-stage Regressions for Share (25+) Primary & Middle Education       1991       1.066***       1.077***       1.051***         Share Primary Edu 1961       I       1.066***       1.077***       1.051***       (0.011)       (0.0122)       (0.115)         Catholic missionary       0.00190       0.00259       0.00138       (0.0101)       (0.0103)       (0.0101)         Brit direct rule       -0.00848       -0.017       (0.0158)       (0.0158)       (0.0158)         R-squared       0.699       0.730       0.727       (0.0158)       (0.0158)       (0.0158)         R-squared       -0.00848       -0.0175       (0.0158)       (0.0158)       (0.0158)       (0.0158)<				Depende	ent variable:	Share (25+)	Higher Edu	ication 1991		
Share Primary Edu 1961       0.006251       (0.0097/7)       (0.00931)         Share Primary Edu 1961       0.550***       0.453***       0.415***         Lapse       -0.00648       -0.0241**       -0.00653       (0.00918)         R-squared       0.473       0.572       0.553         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       1991	Catholic missionary							0.0300***	0.0424***	0.0404**
Share Primary Edu 1961       0.550***       0.453***       0.415***         Brit direct rule       0.0624)       (0.0711)       (0.0709)         Brit direct rule       0.00648       -0.0241**       (0.00918)         Lapse       -0.00533       (0.00918)         R-squared       0.473       0.572       0.553         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       -0.00553       (0.00918)         Share Primary Edu 1961       1.066***       1.077***       1.051***         Share Primary Edu 1961       0.0010       (0.101)       (0.122)       (0.115)         Catholic missionary       -0.00190       0.00259       0.00138       (0.0101)       0.0175         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0160)       -0.00837         Lapse       -0.00848       -0.0175       (0.0158)       -0.00837       (0.0158)         R-squared       0.1456       0.0001       0.0022       0.0001         Lapse       -0.1456       0.0001       0.0022       0.0001         K-P LM stat (p-value)       0.1456       0.0011       0.0022       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.								(0.00625)	(0.00977)	(0.00931)
Brit direct rule       0.00243       (0.0711)       (0.079)         Brit direct rule       -0.00648       -0.0241**       (0.0093)         Lapse       -0.00553       (0.00918)         R-squared       0.473       0.572       0.553         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       1.066***       1.077***       1.051***         Share Primary Edu 1961       1.066***       1.077***       1.051***       (0.101)       (0.122)       (0.115)         Catholic missionary       -0.00190       0.00259       0.00138       (0.00792)       (0.00988)       (0.0101)         Brit direct rule       -0.00848       -0.0175       (0.0160)       -0.00837       (0.0158)         R-squared       0.699       0.730       0.727       -0.00837       (0.0158)       -0.00837         Brit direct rule       0.1456       0.0001       0.0002       0.0001       (0.0158)         R-squared       0.1456       0.0011       0.0022       0.0001       (0.0158)         R-squared       0.1456       0.0011       0.0022       0.0001       (0.0158)         R-squared       0.1456       0.0011       0.0002       0.0001       (0.0158)         R-squared	Share Primary Edu 1961							0.550***	0.453***	0.415***
Brit direct rule       -0.00648       -0.0241**         (0.00634)       (0.0113)         Lapse       -0.00553         R-squared       0.473       0.572       0.553         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       1991         Share Primary Edu 1961       I.066***       1.077***       1.051***         Catholic missionary       -0.00190       0.00259       0.00138         Brit direct rule       -0.00848       -0.0175       (0.0103)         Brit direct rule       -0.00848       -0.0175       (0.0160)         Lapse       -0.00848       -0.0175       (0.0158)         R-squared       0.6699       0.730       0.727         Panel E: IV statistics       -0.0171       10.020       0.0001         K-P I M stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif, test)       10.017       10.720       10.219       8.604         Observations       412       412       221       21       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       NO       NO       YES       YES								(0.0624)	(0.0/11)	(0.0709)
Lapse         -0.00553 (0.00918)           R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         10.066***         1.077***         1.051***           Share Primary Edu 1961         Dependent variable: Share (25+) Primary & Middle Education         190         0.00259         0.00138           Catholic missionary         -0.00190         0.00259         0.00138         0.0101)         (0.122)         (0.115)           Catholic missionary         -0.00848         -0.0175         0.00138         0.00138         (0.0103)         (0.0101)         0.0259         0.00138           Brit direct rule         -0.00848         -0.0175         (0.0158)         -0.00837         (0.0158)           R-squared         0.699         0.730         0.727         -0.0158)         -0.00817         (0.0158)         -0.00817         (0.0158)         -0.00817         (0.0158)         -0.00817         (0.0158)         -0.00817         (0.0158)         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00817         -0.00116	Brit direct rule							-0.00648	-0.0241**	
Lapse       -0.00553 (0.00918)         R-squared       0.473       0.572       0.553         Panel D: First-stage Regressions for Share (25+) Primary & Middle Education       Dependent variable: Share (25+) Primary & Middle Education 1991       1.056***       1.077***       1.051***         Share Primary Edu 1961       -0.0010       0.0120       (0.115)       0.0018       (0.00792)       (0.0018)         Catholic missionary       -0.00190       0.00259       0.00138       (0.00792)       (0.0088)       (0.0101)         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0101)       -0.00837         Lapse       -0.699       0.730       0.727       -0.00817       -0.00817       -0.00817         Curderidentif. test)								(0.00634)	(0.0113)	
R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         Dependent variable: Share (25+) Primary & Middle Education 1991           Share Primary Edu 1961         1.066***         1.077***         1.051***           Catholic missionary         -0.00190         0.00259         0.00138           Brit direct rule         -0.00848         -0.0175         0.01010)           Lapse         -0.00848         -0.0175         0.0158)           R-squared         0.699         0.730         0.727           Panel E: IV statistics         -0.01456         0.0001         0.0002         0.0001           K-P LM stat (p-value)         0.1456         0.0001         0.0002         0.0001           (Underidentif. test)         10.017         10.720         10.219         8.604           Observations         412         412         221         211         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         NO         YES         YES         YES	Lapse									-0.00553
R-squared         0.473         0.572         0.553           Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         Dependent variable: Share (25+) Primary & Middle Education 1991           Share Primary Edu 1961         1.066***         1.077***         1.051***           Catholic missionary         -0.00190         0.00259         0.00138           Brit direct rule         -0.00848         -0.0175         0.01609           Lapse         -0.00848         -0.0175         0.0027           Panel E: IV statistics         0.1456         0.0001         0.0022         0.0001           K-P LM stat (p-value)         0.1456         0.0001         0.0022         0.0001           Underidentif. test)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         YES         Y										(0.00918)
Panel D: First-stage Regressions for Share (25+) Primary & Middle Education         Dependent variable: Share (25+) Primary & Middle Education 1991           Share Primary Edu 1961         1.066***         1.077***         1.051***           Catholic missionary         -0.00190         0.00259         0.00138           Brit direct rule         -0.00848         -0.0175         (0.0103)         (0.0160)           Lapse         -0.6699         0.730         0.727           Panel E: IV statistics         -0.01456         0.0001         0.0002         0.0001           K-P LM stat (p-value)         0.1456         0.0001         0.00219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         NO         NO         YES         YES	R-squared							0.473	0.572	0.553
Dependent variable: Share (25+) Primary & Middle Education 1991         Share Primary Edu 1961       1.066***       1.077***       1.051***         Catholic missionary       -0.00190       0.00259       0.00138         Control       -0.00920       0.00988       (0.0101)         Brit direct rule       -0.00848       -0.0175       (0.0160)         Lapse       -0.0089       0.0120       (0.0168)         R-squared       0.6699       0.730       0.727         Panel E: IV statistics       -0.01456       0.0001       0.0002       0.0001         K-P LM stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       NO       YES       YES	Panel D: First-stage Regressions	for Share (2	25+) Primary	& Middl	e Education	1				
Share Primary Edu 1961       1.066***       1.077***       1.051***         Catholic missionary       -0.00190       0.00259       0.00138         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0160)         Lapse       -0.00848       -0.0175       -0.00837       (0.0158)         R-squared       0.6699       0.730       0.727         Panel E: IV statistics       -0.01456       0.0001       0.0002         K-P LM stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       NO       YES       YES			Depe	endent var	riable: Share	e (25+) Prima	ary & Middl	le Education	1991	
Catholic missionary       (0.101)       (0.122)       (0.115)         Catholic missionary       -0.00190       0.00259       0.00138         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0160)         Lapse       -0.00848       -0.0175       -0.00837       (0.0158)         R-squared       0.699       0.730       0.727         Panel E: IV statistics       -0.00816       0.0001       0.0002       0.0001         K-P LM stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       YES       YES         Sh. of High. Edu. Instru.       NO       NO       NO       NO       NO       NO       YES       YES       YES	Share Primary Edu 1961							1.066***	1.077***	1.051***
Catholic missionary       -0.00190       0.00259       0.00138         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0160)         Lapse       -0.00897       (0.0103)       (0.0160)       -0.00837         R-squared       0.699       0.730       0.727         Panel E: IV statistics       -0.0456       0.0001       0.0002       0.0001         K-P LM stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       YES       YES         Sh. of High. Edu. Instru.       NO       NO       NO       NO       NO       NO       YES       YES       YES								(0.101)	(0.122)	(0.115)
Brit direct rule       (0.00792)       (0.00988)       (0.0101)         Brit direct rule       -0.00848       -0.0175       (0.0103)       (0.0160)         Lapse       -0.00837       (0.0158)       (0.0158)         R-squared       0.699       0.730       0.727         Panel E: IV statistics       -0.0456       0.0001       0.0002       0.0001         K-P LM stat (p-value) (Underidentif. test)       0.1456       0.0001       0.0002       0.0001         K-P F stat (Weak Identif.)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       YES       YES         Sh. of High. Edu. Instru.       NO       NO       NO       NO       NO       NO       YES       YES       YES	Catholic missionary							-0.00190	0.00259	0.00138
Brit direct rule       -0.00848       -0.0175         Lapse       -0.00837       (0.0103)         R-squared       0.699       0.730       0.727         Panel E: IV statistics       -0.00837       (0.0103)       0.002       0.0001         K-P LM stat (p-value)       0.1456       0.0001       0.0002       0.0001         (Underidentif. test)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       NO       YES       YES       YES         Sh. of High. Edu. Instru.       NO       NO       NO       NO       NO       YES       YES       YES								(0.00792)	(0.00988)	(0.0101)
Lapse       (0.0103)       (0.0160)         R-squared       0.699       0.730       0.727         Panel E: IV statistics       0.1456       0.0001       0.0002       0.0001         K-P LM stat (p-value) (Underidentif. test)       0.1456       0.0001       0.0002       0.0001         K-P F stat (Weak Identif.)       10.017       10.720       10.219       8.604         Observations       412       412       221       221       181       181       394       179       179         Brit Instru.       NO       NO       NO       NO       NO       YES       YES       YES         Sh. of High. Edu. Instru.       NO       NO       NO       NO       NO       YES       YES       YES	Brit direct rule							-0.00848	-0.0175	
Lapse         -0.00837 (0.0158)           R-squared         0.699         0.730         0.727           Panel E: IV statistics         0.1456         0.0001         0.0002         0.0001           K-P LM stat (p-value) (Underidentif. test)         0.1456         0.0001         0.0002         0.0001           K-P F stat (Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         NO         YES         YES         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         NO         NO         YES         YES         YES								(0.0103)	(0.0160)	
(0.0158)           R-squared         0.699         0.730         0.727           Panel E: IV statistics         0.1456         0.0001         0.0002         0.0001           K-P LM stat (p-value) (Underidentif. test)         0.1456         0.0001         0.0002         0.0001           K-P F stat (Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         YES         YES         YES         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         NO         YES         YES         YES	Lapse									-0.00837
R-squared         0.699         0.730         0.727           Panel E: IV statistics	-									(0.0158)
Panel E: IV statistics           K-P LM stat (p-value) (Underidentif. test)         0.1456         0.0001         0.0002         0.0001           K-P F stat (Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         YES	R-squared							0.699	0.730	0.727
K-P LM stat (p-value) (Underidentif. test)         0.1456         0.0001         0.0002         0.0001           K-P F stat (Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         YES         NO         NO         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         YES         YES         YES           Sh of Prim & Mid Edu Instru         NO         NO         NO         NO         NO         YES         YES         YES	Panel E: IV statistics									
(Underidentif. test)         10.017         10.720         10.219         8.604           Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         YES         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         YES         YES         YES	K-P LM stat (p-value)						0.1456	0.0001	0.0002	0.0001
K- P F stat (Weak Identif.)         10.017         10.720         10.219         8.604           Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         YES         NO         NO         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         YES         YES         YES           Sh of Prim & Mid Edu Instru         NO         NO         NO         NO         NO         YES         YES         YES	(Underidentif. test)						0.1450	0.0001	0.0002	0.0001
Observations         412         412         221         221         181         181         394         179         179           Brit Instru.         NO         NO         NO         NO         NO         YES         NO         YES           Sh. of High. Edu. Instru.         NO         NO         NO         NO         NO         YES         YES         YES           Sh of Prim & Mid. Edu. Instru.         NO         NO         NO         NO         NO         YES         YES         YES	K-PF stat (Weak Identif.)					4.6.1	10.017	10.720	10.219	8.604
Britt Instru.     NO     NO     NO     NO     NO     YES       Sh. of High. Edu. Instru.     NO     NO     NO     NO     NO     YES       Sh. of Prim & Mid. Edu. Instru.     NO     NO     NO     NO     NO     YES	Observations	412	412	221	221	181	181	394	179	179
Sh. of Fight. Eau, mistru. NO NO NO NO NO NO NO VES YES YES Sh. of Prim & Mid Edu Instru. NO NO NO NO NO NO VES VES VES	Brit Instru.	NO	NO	NO	NO	NO	YES	NO	NO	YES
	Sh of Prim & Mid Edu Instru	NO	NO	NO	NO	NO	NO	YES	YES	YES

Table A1: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with Alternate Measure of Human Capital

Notes: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Fable A2: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with State FEs and Alternate Measure of Human	
Capital	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Panel A: OLS and Second-stage F	Regressions								
			Deper	ndent varia	ble: log ligl	hts per capi	ta in 1993		
	Full S	ample	Neigh	boring	IV So	mnle	Full Samula	IV Se	mnle
	1 411 5	ampro	Dist	ricts	11 34	p.c	. un sample	1, 36	
	OLS	OLS	OLS	OLS	OLS	2SLS	2SLS	2SLS	2SLS
Brit direct rule	-0.220***	-0.377***	-0.104	-0.216**	-0.561**	-0.568	-0.266**	-0.535***	-0.551
	(0.0838)	(0.103)	(0.0975)	(0.0869)	(0.236)	(0.352)	(0.114)	(0.191)	(0.344)
Share (25+) Higher Edu 1991		2.978**		2.969*	0.431	0.429	7.172***	1.677	1.703
		(1.200)		(1.770)	(1.346)	(1.245)	(2.646)	(4.740)	(4.839)
Share (25+) Primary		3.625***		1.072	7.073***	7.080***	-0.329	6.340*	6.383*
& Middle Edu 1991		(1.125)		(1.611)	(2.384)	(2.267)	(3.079)	(3.451)	(3.449)
R-squared	0.628	0.667	0.759	0.777	0.646	0.646	0.672	0.658	0.658
Panel B: First-stage Regressions	for Brit direc	ct rule							
			Dep	oendent var	iable: Brit d	lirect rule i	ndicator		
Lapse						0.537***			0.512***
1						(0.179)			(0.173)
Share (25+) Higher Edu 1991						-0.140			
						(0.368)			
Share (25+) Primary						0.736			
& Middle Edu 1991						(1.061)			
Catholic missionary						()			0.0400
Catholic missionary									(0.0499)
Shara Primary Edu 1061									1.075
Share Primary Edu 1961									(1.696)
D. server 1						0 (5(			(1.050)
R-squared	for Share (25	5+) Higher F	ducation			0.030			0.00/
Taner C. Thist-stage Regressions	101 Share (2)	///inglief L	Domondo	nt voriable	Shara (254	) Uighar Ed	lucation 1001		
~			Depende		. Share (25+	) flight Ed			
Catholic missionary							0.0304***	0.0381***	0.0375***
							(0.00609)	(0.0100)	(0.00990)
Share Primary Edu 1961							0.729***	0.548***	0.525***
							(0.129)	(0.152)	(0.150)
Brit direct rule							-0.00315	-0.0127	
							(0.00699)	(0.00811)	
Lapse									-0.00748
									(0.00845)
R-squared							0.534	0.614	0.612
Panel D: First-stage Regressions	for Share (25	5+) Primary &	& Middle E	ducation					
		Dep	endent var	iable: Shar	e (25+) Prim	ary & Mide	dle Education	1991	
Share Primary Edu 1961							0.806***	0.818***	0.820***
							(0.127)	(0.160)	(0.148)
Catholic missionary							0.00634	0.00982	0.00989
							(0.00522)	(0.00846)	(0.00844)
Brit direct rule							0.0174**	0.000675	
							(0.00779)	(0.0123)	
Lapse									-9.53e-05
1									(0.00920)
R-squared							0.835	0.877	0.877
Panel E: IV statistics									
K-P LM stat (p-value)						0.0704	0.0004	0.0010	0.0011
(Underidentif. test)						0.0704	0.0004	0.0010	0.0011
K-PF stat (Weak Identif.)						8.974	5.886	3.435	2.275
Observations	412	412	151	151	181	181	394	179	179
Brit Instru.	NO	NO	NO	NO	NO	YES	NO	NO	YES
Sh. of High. Edu. Instru.	NO	NO	NO	NO	NO	NO	YES	YES	YES
Sh. of Prim. & Mid. Edu. Instru.	NO	NO	NO	NO	NO	NO	YES	YES	YES

Notes: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table A3: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with Log Lights Density 1993 as Dependent Variable
and Alternate Measure of Human Capital

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Panel A: OLS and Second-stage Re	egressions								
			Dep	endent variab	ole: log light	s density in	1993		
	Full S	Sample	Neighbori	ng Districts	IV Sa	ample	Full	IV Sa	imple
	OLS	OLS	OLS	OLS	OLS	2818	2SLS	2818	2515
Brit direct rule	0.288	0.428***	0.0175	0 3 3 0 * *	0.653***	0.066***	0347**	0.635***	0.080***
bitt direct fule	(0.198)	(0.160)	(0.166)	(0.138)	(0.166)	(0.275)	(0.146)	(0.201)	(0.302)
Share (25 1) High as Edge 1001	(0.170)	0.017***	(0.100)	7.005***	7 (00***	7.210***	10.00***	10.45**	(0.502)
Share (25+) Higher Edu 1991		8.21/***		(1 264)	(0.877)	(0.857)	(3.258)	(4.097)	(4.289)
Share (251) Driver and		2 (21***		2 215***	0.077)	2 004***	(3.230)	2 (91	2.042
Share (25+) Primary		(1,220)		3.313*** (0.861)	(0.026)	(0.072)	4.203	(2.134)	3.043
R-squared	0 564	0.713	0.689	0.806	0.735	0.731	0.679	0.722	0.714
Panel B: First-stage Regressions f	or Brit dire	ct rule	0.007	0.000	0.755	0.751	0.077	0.722	0.714
<u> </u>			Der	oendent varia	ble <sup>.</sup> Brit dire	ect rule indic	ator		
Lange			Dep	Jendent vant	iore. Dift and	0 5 9 2 * * *	ator		0 560***
Lapse						(0.169)			(0.164)
Share (25 1) High as Edge 1001						1 104			(0.104)
Share (25+) Higher Edu 1991						(0.674)			
						(0.074)			
Share (25+) Primary						1.022			
						(0.020)			0.0240
Catholic missionary									0.0240
Share Driver Edu 10(1									1 280
Share Primary Edu 1961									1.280
						0.400			(0.045)
R-squared	on Shone (2)	() High on Ed	maatian			0.489			0.488
Tailer C. Trist-stage Regressions i		) i figlici Ed	Den en de	nt vonichla.	Th ama (25 1) II	E als an Edward	ion 1001		
~ • • • • •			Depende	nt variable: a	share $(23+)$ $\square$	ingher Educat	.1011 1991		
Catholic missionary							0.0320***	0.0428***	0.0420***
							(0.00637)	(0.00990)	(0.00983)
Share Primary Edu 1961							0.553***	0.452***	0.421***
							(0.0597)	(0.0682)	(0.0697)
Brit direct rule							-0.00388	-0.0222**	
							(0.00623)	(0.0105)	
Lapse									-0.00447
									(0.00867)
R-squared	<u> </u>		10111 51				0.476	0.573	0.558
Panel D: First-stage Regressions f	or Share (2:	(+) Primary &	Middle Edu	lcation					
		De	ependent vai	riable: Share	(25+) Primar	y & Middle I	Education 19	91	
Share Primary Edu 1961							1.065***	1.081***	1.078***
							(0.0956)	(0.110)	(0.110)
Catholic missionary							0.00287	0.00757	0.00757
							(0.00779)	(0.0102)	(0.0103)
Brit direct rule							-0.00292	-0.00301	
							(0.0102)	(0.0157)	
Lapse									-0.00449
									(0.0126)
R-squared							0.711	0.754	0.754
Panel E: IV statistics									
K-P LM stat (p-value)						0.1386	0.0001	0.0004	0.0002
(Underidentif. test)							0.000	0.000	
K-PF stat (Weak Identif.)	412	410	221	221	101	11.829	9.509	8.803	6.313
Brit Instru	412 NO	412 NO	221 NO	221 NO	181 NO	181 VES	394 NO	1/9 NO	1/9 VFS
Sh. of High. Edu. Instru	NO	NO	NO	NO	NO	NO	YES	YES	YES
Sh. of Prim. & Mid. Edu. Instru.	NO	NO	NO	NO	NO	NO	YES	YES	YES

Notes: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include log population in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

Table A4: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS and IV Estimates with State FEs, Log Lights Density 1993 as Dependent - OLS as D	ndent
Variable, and Alternate Measure of Human Capital	

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Panel A: OLS and Second-stage Re	egressions								
			Dep	oendent variab	ole: log light	s density in 1	993		
	Full S	ample	Neighbori	ng Districts	IVS	ample	Full	IV Sa	mnle
	i un c	umpie	reightoon	ing Districts	11.50	ampre	Sample	11 50	impie
	OLS	OLS	OLS	OLS	OLS	2SLS	2SLS	2SLS	2SLS
Brit direct rule	-0.286**	-0.464***	-0.0819	-0.332***	-0.786***	-1.003***	-0.329***	-0.745***	-0.986***
	(0.110)	(0.109)	(0.139)	(0.0943)	(0.201)	(0.290)	(0.124)	(0.199)	(0.325)
Share (25+) Higher Edu 1991		7 000***	. ,	5 270***	5 208***	5 079***	8 402**	7 4 7 5	7 622
Share (25+) Higher Edu 1991		(0.821)		(1.612)	(1.091)	(1.028)	(3 569)	(4.781)	(5.022)
		2.007***		(1.012)	(1.051)	(1.020)	(3.303)	(1.761)	(3.027)
Share (25+) Primary		3.08/***		3.331*	0.190***	0.435***	1.103	3.475	4.047
& Middle Edu 1991		(1.119)		(1.926)	(1.822)	(1.641)	(3.996)	(3.933)	(4.177)
R-squared	0.707	0.779	0.860	0.891	0.774	0.773	0.752	0.765	0.764
Panel B: First-stage Regressions f	for Brit direc	t rule							
			De	ependent varia	ble: Brit dire	ect rule indica	ator		
Lapse						0.553***			0.534***
•						(0.170)			(0.167)
Share (25+) Higher Edu 1991						-0 498			
Share (253) Higher Edd 1991						(0.402)			
Share (251) Driver						(0.102)			
Share (25+) Primary						0.825			
& Middle Edu 1991						(0.973)			
Catholic missionary									0.0227
									(0.0610)
Share Primary Edu 1961									1.476
									(1.751)
R-squared						0.674			0.678
Panel C: First-stage Regressions f	for Share (25	+) Higher Edu	cation						
			Depend	ent variable: S	Share (25+) H	igher Educati	ion 1991		
Catholic missionary			1			5	0.0312***	0.0387***	0.0385***
Catholic missionary							(0.00512)	(0.0102)	(0.0102)
-							(0.00021)	(0.0102)	(0.0102)
Share Primary Edu 1961							0.743***	0.558***	0.544***
							(0.126)	(0.152)	(0.153)
Brit direct rule							-0.00338	-0.0117*	
							(0.00694)	(0.00677)	
Lapse									-0.00791
									(0.00766)
R-squared							0.532	0.615	0.613
Panel D: First-stage Regressions f	for Share (25	+) Primary &	Middle Educ	ation					
		г	Dependent va	riable: Share	(25+) Primar	v & Middle E	ducation 199	1	
Shara Drimory Edu 1061			1				0 940***	0 874***	0 000***
Share Filling Edu 1901							(0.116)	(0.152)	(0.144)
							(0.110)	(0.132)	(0.144)
Catholic missionary							0.00967**	0.0131	0.0133
							(0.00481)	(0.00836)	(0.00839)
Brit direct rule							0.0187**	0.00100	
							(0.00773)	(0.0112)	
Lapse									-0.00340
									(0.00825)
R-squared							0.837	0.878	0.878
Panel E: IV statistics									
K-P LM stat (p-value)						0.0712	0.0000	0.001.5	0.0017
(Underidentif. test)						0.0713	0.0008	0.0015	0.0016
K-PF stat (Weak Identif.)						10.576	4.970	3.300	2.211
Observations	412	412	151	151	181	181	394	179	179
Brit Instru.	NO	NO	NO	NO	NO	YES	NO	NO	YES
Sh. of High. Edu. Instru.	NO	NO	NO	NO	NO	NO	YES	YES	YES
Sh. of Prim. & Mid. Edu. Instru.	NO	NO	NO	NO	NO	NO	YES	YES	YES

Notes: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include log population in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)				
		Dependent variable: log lights per capita in 1993											
	Full Sample		Neighborin	ng Districts	IV Sa	mple	Full Sample	IV Sa	IV Sample				
	OLS	OLS	OLS	OLS	OLS	2SLS	2SLS	2SLS	2SLS				
Brit direct rule	-0.502***	-0.584***	-0.164***	-0.361***	-0.625***	-0.629***	-0.646***	-0.650***	-0.671***				
	(0.204)	(0.158)	(0.127)	(0.123)	(0.146)	(0.267)	(0.157)	(0.148)	(0.307)				
	[0.142]	[0.174]	[0.0186]	[0.136]	[0.117]	[0.0316]	[0.194]	[0.0866]	[0.0302]				
Literacy rate 1991		4.314***		3.118***	3.205***	3.206***	7.581***	4.112**	4.147**				
		(0.790)		(0.535)	(0.633)	(0.616)	(1.714)	(2.290)	(2.439)				
		[0.849]		[0.669]	[0.744]	[0.734]	[1.370]	[1.745]	[1.831]				
R-squared	0.372	0.538	0.479	0.587	0.580	0.580	0.443	0.573	0.573				
Observations	412	412	221	221	181	181	412	181	181				
Brit Instrumented	NO	NO	NO	NO	NO	YES	NO	NO	YES				
Lit. rate Instrumented	NO	NO	NO	NO	NO	NO	YES	YES	YES				
Distance Cutoff	1230 km	1054 km	1414 km	1216 km	1076 km	1153 km	863 km	1044 km	1036 km				
Moran's I for Table 2 column	0.00221	0.00325	0.00056	0.00305	0.00312	-0.0074	0.00496	0.00321	0.00346				
[p-value]	[0.10078]	[0.10850]	[0.16394]	[0.11681]	[0.10677]	[0.11184]	[0.10390]	[0.11555]	[0.10363]				

#### Table A5: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with Conley Standard Errors

Note: Clustered standard errors in parentheses and Conley standard errors in square brackets. We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. We use the distance at which Moran's I for the respective Table 2 specification is insignificant as the cutoff distance to compute Conley standard errors. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
	Dependent variable: log lights per capita in 1993											
	Full S	Full Sample		ng Districts	IV Sa	mple	Full Sample	IV Sa	IV Sample			
	OLS	OLS	OLS	OLS	OLS	2SLS	2SLS	2SLS	2SLS			
Brit direct rule	-0.220**	-0.428***	-0.104	-0.238***	-0.632***	-0.689**	-0.633***	-0.576*	-0.618			
	(0.0838)	(0.0995)	(0.0975)	(0.0844)	(0.238)	(0.379)	(0.164)	(0.294)	(0.489)			
	[0.0995]	[0.106]	[0.0900]	[0.0882]	[0.0677]	[0.277]	[0.192]	[0.309]	[0.498]			
Literacy rate 1991		3.206***		1.820*	3.488***	3.526***	6.377***	2.559	2.641			
		(0.704)		(0.949)	(1.200)	(1.144)	(1.987)	(2.594)	(2.824)			
		[0.502]		[1.062]	[0.681]	[0.925]	[2.126]	[3.152]	[3.669]			
R-squared	0.628	0.673	0.759	0.776	0.646	0.645	0.629	0.642	0.643			
Observations	412	412	221	221	181	181	412	181	181			
Brit Instrumented	NO	NO	NO	NO	NO	YES	NO	NO	YES			
Lit. rate Instrumented	NO	NO	NO	NO	NO	NO	YES	YES	YES			
Distance Cutoff	186 km	174 km	153 km	153 km	1998 km	1680 km	174 km	1590 km	1666 km			
Moran's I for Table 4 column	0.02877	0.01264	-0.02767	-0.05295	-0.00104	-0.00006	0.0274	0.00039	0.0001			
[p-value]	[0.12313]	[0.48688]	[0.70618]	[0.40526]	[0.12615]	[0.11704]	[0.17099]	[0.10137]	[0.10068]			

#### Table A6: Institutions, Human Capital, Long-Run Development - OLS and IV Estimates with State FE and Conley Standard Errors

Note: Clustered standard errors in parentheses and Conley standard errors in square brackets. We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. We use the distance at which Moran's I for the respective Table 4 specification is insignificant as the cutoff distance to compute Conley standard errors. In columns 3 and 4, 153 km is the first distance at which Moran's I can be computed. Moran's I cannot be computed at a distance below 153 km as at least 1 observation has no neighbor. Similarly, in column 2, 174 km is the first distance at which Moran's I can be computed.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
Panel A: OLS and Second	l-stage Regre	essions									
				Depender	nt variable: log l	ights per cap	ita in 1993				
	Full S	Sample	Neighboring Districts	IV Sa	ample	Full	Sample	Neighboring Districts IV Sa		ample	
	OLS	OLS	OLS	OLS	2SLS	OLS	OLS	OLS	OLS	2SLS	
Brit direct rule	-0.469** (0.180)	-0.420*** (0.122)	-0.210** (0.0844)	-0.409*** (0.109)	-0.554** (0.249)	-0.114* (0.0630)	-0.213*** (0.0730)	-0.122 (0.0818)	-0.203* (0.109)	-0.417 (0.303)	
Literacy rate 1991		2.745*** (0.630)	2.467*** (0.420)	2.418*** (0.616)	2.542*** (0.602)		1.171*** (0.404)	1.336** (0.651)	1.961*** (0.741)	2.299*** (0.758)	
IMR 1991		-0.00604** (0.00260)	-0.00837*** (0.00202)	-0.00683** (0.00270)	-0.00601** (0.00267)		-0.00699*** (0.00213)	-0.00286 (0.00207)	-0.00358 (0.00278)	-0.00241 (0.00258)	
Log Road Length PC 1992		0.439*** (0.113)	0.356*** (0.0990)	0.284** (0.110)	0.246** (0.115)		0.271*** (0.0973)	0.135 (0.107)	0.322*** (0.102)	0.297*** (0.0942)	
Log Railroad Length PC 1992		0.0876*** (0.0313)	0.0524 (0.0388)	0.0863** (0.0430)	0.0873** (0.0404)		0.107*** (0.0235)	0.0833*** (0.0278)	0.0579 (0.0458)	0.0599 (0.0416)	
Log Banks Per Capita 1993		0.164* (0.0910)	-0.0150 (0.104)	-0.0256 (0.114)	-0.0287 (0.106)		0.205* (0.116)	0.0494 (0.118)	-0.0226 (0.110)	-0.0301 (0.0975)	
Female Labor Part. Rate 1991		0.579 (0.357)	0.281 (0.367)	0.706 (0.472)	0.797 (0.490)		-0.216 (0.303)	-0.570 (0.377)	-0.191 (0.586)	-0.00441 (0.622)	
Log Mfg. Labor Prod. 1993-94		0.317*** (0.0766)	0.206*** (0.0724)	0.117 (0.0702)	0.109 (0.0700)		0.193*** (0.0474)	0.214*** (0.0629)	0.101* (0.0530)	0.101** (0.0479)	
R-squared	0.250	0.617	0.620	0.609	0.604	0.652	0.762	0.795	0.720	0.715	
Panel B: First-stage Reg	ressions for H	Brit direct rule									
Dependent variable: Brit direct rule indicator											
Lapse					0.565*** (0.185)	1				0.459*** (0.144)	
Literacy rate 1991					0.457 (0.486)					0.991** (0.455)	
IMR 1991					0.00378* (0.00198)					0.00521*** (0.00193)	
Log Road Length PC 1992					-0.312** (0.137)					-0.167** (0.0652)	
Log Railroad Length PC 1992					0.00108 (0.0160)					0.00659 (0.0156)	
Log Banks Per Capita 1993					-0.0320 (0.0702)					-0.0306 (0.0535)	
Female Labor Part. Rate 1991					0.276 (0.306)					0.470* (0.282)	
Log Mfg. Labor Prod. 1993-94					-0.0502 (0.0420)					-0.0117 (0.0275)	
R-squared					0.496					0.734	
K-P I M stat (p-value)											
(Underidentif. test)					0.0623					0.0207	
K-PF stat (Weak Identif.test)					9.306					10.213	
Observations Brit Instrumented Lit. rate Instrumented	385 NO NO	385 NO NO	213 NO NO	168 NO NO	168 YES NO	385 NO NO	385 NO NO	147 NO NO	168 NO NO	168 YES NO	

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p<0.01, \*\* p<0.05, \* p<0.1

NO

YES

YES

YES

YES

YES

NO

State FE

NO

NO

NO

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
	F	ull Sample (	NLT dummy	<i>y</i> )	Neighbor landlord o	ring landlord districts (NLT	and non- Γ dummy)	Full Sample (NLT proportion)		
				Dependent v	ariable: log	lights per ca	pita in 1993			
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS
Brit direct rule	-0.513*** (0.184)	-0.965*** (0.272)	-0.986*** (0.214)	-0.911*** (0.211)	-0.517* (0.266)	-0.676*** (0.235)	-0.642*** (0.214)	-1.043*** (0.283)	-1.065*** (0.218)	-0.983*** (0.218)
NLT (dummy/prop.)		0.126 (0.137)	-0.0176 (0.140)	0.0186 (0.147)	0.224 (0.141)	0.0733 (0.137)	0.0433 (0.154)	0.215 (0.154)	-0.00810 (0.135)	0.0317 (0.142)
Brit direct rule × NLT (dummy/prop.)		0.850*** (0.309)	0.638*** (0.216)	0.513** (0.210)	0.148 (0.284)	0.0509 (0.252)	0.0987 (0.260)	1.007*** (0.342)	0.798*** (0.243)	0.653*** (0.235)
Literacy rate 1991			3.349*** (0.621)	2.934*** (0.616)		3.638*** (0.435)	2.889*** (0.658)		3.223*** (0.591)	2.763*** (0.586)
IMR 1991				-0.000583 (0.00345)			0.000205 (0.00367)			-0.000929 (0.00337)
Log Road Length PC 1992				0.207* (0.106)			0.279** (0.112)			0.217* (0.112)
Log Railroad Length PC 1992				0.0704* (0.0371)			0.0897* (0.0463)			0.0669* (0.0375)
Log Banks Per Capita 1993				0.258** (0.121)			0.288 (0.187)			0.265** (0.120)
Female Labor Part. Rate 1991				0.634* (0.372)			0.318 (0.505)			0.556 (0.376)
R-squared	0.301	0.437	0.552	0.579	0.305	0.506	0.562	0.456	0.560	0.585
Observations	356	356	356	356	170	170	170	356	356	356

Table A8: Effect of direct rule stemming from differences in land tenure institutions with NLT (dummy/proportion) as a regressor

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. In columns 1 - 7, we use the NLT dummy while in columns 8 - 10, we use the NLT proportion.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	
		Full S	ample	Neighbor lar	Neighboring landlord and non- landlord districts			
		Depen	dent variable	e: log lights	per capita i	n 1993		
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	
Brit direct rule	-0.438** (0.171)	-0.950*** (0.234)	-0.905*** (0.182)	-0.708*** (0.150)	-0.588*** (0.219)	-0.670*** (0.182)	-0.553*** (0.153)	
Brit direct rule × NLT (dummy)		0.922*** (0.259)	0.614*** (0.160)	0.412*** (0.119)	0.326 (0.202)	0.0875 (0.167)	0.0946 (0.137)	
Literacy rate 1991			3.187*** (0.559)	2.452*** (0.531)		3.685*** (0.397)	2.823*** (0.618)	
IMR 1991				-0.00377 (0.00285)			-0.00125 (0.00327)	
Log Road Length PC 1992				0.380*** (0.0982)			0.454*** (0.141)	
Log Railroad Length PC 1992				0.0750** (0.0306)			0.0476 (0.0502)	
Log Banks Per Capita 1993				0.184** (0.0842)			0.246 (0.172)	
Female Labor Part. Rate 1991				0.497 (0.338)			-0.0835 (0.454)	
Log Mfg. Labor Prod. 1993-94				0.292*** (0.0680)			0.161** (0.0724)	
R-squared	0.254	0.408	0.539	0.635	0.292	0.516	0.596	
Observations	344	344	344	344	167	167	167	

Table A9: Effect of direct rule stemming from differences in land tenure institutions (with Avg. Mfg. Labor Productivity 1993-94 as an additional control)

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p < 0.01, \*\* p < 0.05, \* p < 0.1

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Dependent	variable: gro	wth in nightli	ights per capita	from 1993-20	)13 (BK Data	)
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS
log lights per capita in	-0.0230***	-0.0242***	-0.0341***	-0.0346***	-0.0337***	-0.0180***	-0.0195***	-0.0230***
1993BK	(0.00266)	(0.00443)	(0.00199)	(0.00205)	(0.00373)	(0.00246)	(0.00256)	(0.00209)
		-0.0175**	0.0684***	0.0537***	0.0356**	-0.0138*	-0.0144**	-0.00344
Brit direct rule		(0.00744)	(0.0148)	(0.0170)	(0.0159)	(0.00691)	(0.00671)	(0.00514)
log lights PC 1993BK ×			0.0177***	0.0152***	0.00956***			
Brit direct rule			(0.00309)	(0.00318)	(0.00332)			
Brit direct rule × NLT						0.0131*	0.00888	-0.00231
(dummy)						(0.00670)	(0.00604)	(0.00325)
T				0.0538**	0.0634***		0.0403*	0.0538**
Literacy rate 1991				(0.0239)	(0.0208)		(0.0211)	(0.0223)
<b>IMD</b> 1001					-0.000197***			-0.000214***
IWIK 1991					(6.87e-05)			(7.52e-05)
Log Road Length PC					0.0139***			0.0135***
1992					(0.00344)			(0.00348)
Log Railroad Length PC					0.000999			-0.00112
1992					(0.00140)			(0.00133)
Log Banks Per Capita					0.00832**			0.00967**
1993					(0.00348)			(0.00387)
Female Labor Part. Rate					0.0218			0.0141
1991					(0.0132)			(0.0135)
R-squared	0.481	0.520	0.588	0.619	0.748	0.309	0.342	0.569
Observations	412	412	412	412	412	356	356	356

Table A10: Effect of Direct Rule and Land Tenure Institutions on Economic Growth from 1993-2013 using BK Data

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010) in columns 2 - 8. We also control for geography in columns 5 and 8. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p < 0.01, \*\* p < 0.05, \* p < 0.1

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
		Dependent Variable							
	log lights P	C 2013 BK	log lights PC 2013 viirs (mask)		log lights PC 2019 viirs (mask)		log lights PC 2013 BK	log lights PC 2013 viirs (mask)	log lights PC 2019 viirs (mask)
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS
Brit direct rule	-0.399*** (0.108)	-0.201*** (0.0720)	-0.437*** (0.105)	-0.334*** (0.0755)	-0.258*** (0.0524)	-0.249*** (0.0440)	-0.535*** (0.111)	-0.635*** (0.103)	-0.293*** (0.0682)
Brit direct rule × NLT (dummy)							0.295*** (0.0862)	0.360*** (0.0959)	0.0191 (0.0560)
Literacy rate 2011	2.517*** (0.665)	2.116*** (0.700)	2.142** (1.016)	1.457* (0.875)	0.968** (0.382)	1.021*** (0.383)	2.503*** (0.669)	2.796*** (0.918)	1.190*** (0.414)
IMR 2011	-0.0114*** (0.00367)	-0.0110*** (0.00316)	0.00202 (0.00622)	-0.0109** (0.00482)	0.00429 (0.00262)	-0.00296 (0.00182)	-0.00619* (0.00337)	0.0125** (0.00477)	0.00698*** (0.00262)
Log Road Length PC 1992	0.451*** (0.0959)	0.210** (0.0854)	0.267** (0.120)	0.0625 (0.104)	0.0908 (0.0613)	0.0427 (0.0629)	0.402*** (0.107)	0.227* (0.133)	0.0724 (0.0679)
Log Railroad Length PC 1992	0.0505* (0.0303)	0.0403* (0.0236)	0.0847** (0.0330)	0.104*** (0.0266)	0.0740*** (0.0199)	0.0704*** (0.0218)	0.0373 (0.0248)	0.0959*** (0.0346)	0.0654*** (0.0236)
Log Banks Per Capita 2011	0.644*** (0.0982)	0.508*** (0.123)	0.665*** (0.122)	0.636*** (0.120)	0.350*** (0.0702)	0.396*** (0.0780)	0.665*** (0.0934)	0.692*** (0.115)	0.346*** (0.0743)
Female Labor Part. Rate 2011	0.825*** (0.291)	0.432 (0.384)	0.720* (0.423)	0.584 (0.428)	-0.172 (0.299)	-0.243 (0.222)	1.024*** (0.361)	0.888* (0.493)	-0.194 (0.274)
R-squared	0.665	0.758	0.562	0.697	0.588	0.681	0.684	0.621	0.599
Observations	412	412	412	412	412	412	356	356	356
Dist. to closest major city	YES	YES	YES	YES	YES	YES	YES	YES	YES
State FE	NO	YES	NO	YES	NO	YES	NO	NO	NO

Table A11: Robustness I - Effect of Direct British	Rule and Land	<b>Tenure Institutions</b>	(Year-Specific	<b>Results with</b>	BK and	VIIRS
Nightlights Data)						

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast.

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
		Dependent v	ariable: growt	h in nightligh	nts per capita fr	rom 2012-201	9 (VIIRS Dat	a)
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS
log lights per capita	-0.0695***	-0.0697***	-0.0515***	-0.0538***	-0.0710***	-0.0681***	-0.0669***	-0.0772***
in 2012 (viirs mask)	(0.00326)	(0.0102)	(0.00362)	(0.00515)	(0.00555)	(0.00887)	(0.00770)	(0.0100)
Drit direct rule		-0.00132	-0.126*	-0.0950	-0.0744	0.0112	0.00997	-0.00343
Blit direct fule		(0.00746)	(0.0643)	(0.0642)	(0.0488)	(0.00757)	(0.00648)	(0.00716)
log lights PC 2012 $\times$			-0.0231*	-0.0179	-0.0116			
Brit direct rule			(0.0119)	(0.0119)	(0.00897)			
Brit direct rule × NLT						-0.0321***	-0.0246***	-0.0192***
(dummy)						(0.00808)	(0.00623)	(0.00527)
Literation and a 2011				-0.0839**	0.00422		-0.0937***	-0.0376
Literacy rate 2011				(0.0409)	(0.0504)		(0.0280)	(0.0392)
N/D 2011					0.000530*			9.77e-05
IVIR 2011					(0.000293)			(0.000247)
Log Road Length PC					-0.00256			-0.000305
1992					(0.00381)			(0.00418)
Log Railroad Length					0.00549***			0.00402***
PC 1992					(0.00194)			(0.00150)
Log Banks Per Capita					0.00864			0.00554
2011					(0.00692)			(0.00661)
Female Labor Part.					-0.0726**			-0.0835**
Rate 2011					(0.0349)			(0.0367)
R-squared	0.703	0.703	0.715	0.724	0.808	0.774	0.785	0.836
Observations	412	412	412	412	412	356	356	356

Table A12: Effect of Direct Rule and Land Tenure Institutions on Economic Growth from 2012-2019 using VIIRS Data

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010) in columns 2 - 8. We also control for geography in columns 5 and 8. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. \*\*\* p < 0.01, \*\* p < 0.05, \* p < 0.1

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
			Depende	nt variable: log	lights per cap	ita in 1993		
	OLS	OLS	OLS	OLS	OLS	OLS	OLS	OLS
Brit direct rule	-0.566*** (0.130)	-0.466*** (0.0953)	-0.645*** (0.138)	-0.444*** (0.0906)	-0.264*** (0.0884)	-0.247*** (0.0822)	-0.281*** (0.0907)	-0.203** (0.0773)
Literacy rate 1991	2.913*** (0.572)	2.409*** (0.584)	2.453*** (0.601)	1.930*** (0.494)	0.908 (0.576)	0.910 (0.637)	0.652 (0.666)	0.465 (0.688)
IMR 1991	-0.00226 (0.00249)	-0.00238 (0.00202)	-0.00270 (0.00247)	-0.00332* (0.00182)	-0.00807** (0.00324)	-0.00934*** (0.00289)	-0.00857** (0.00332)	-0.00965*** (0.00292)
Log Road Length PC 1992	0.364*** (0.107)	0.228** (0.0926)	0.194** (0.0834)	0.0978 (0.0822)	0.214** (0.100)	0.186** (0.0805)	0.126 (0.0860)	0.117 (0.0806)
Log Railroad Length PC 1992	0.102*** (0.0351)	0.0600* (0.0322)	0.0898** (0.0420)	0.0421 (0.0368)	0.0967*** (0.0349)	0.0568* (0.0333)	0.0925** (0.0408)	0.0559 (0.0395)
Log Banks Per Capita 1993	0.444*** (0.138)	0.359*** (0.104)	0.509*** (0.137)	0.373*** (0.104)	0.456*** (0.155)	0.427*** (0.124)	0.483*** (0.151)	0.410*** (0.125)
Female Labor Part. Rate 1991	1.528*** (0.345)	1.286*** (0.304)	1.525*** (0.393)	1.059*** (0.400)	0.495 (0.352)	0.497 (0.419)	0.457 (0.459)	0.384 (0.498)
R-squared	0.636	0.683	0.649	0.701	0.723	0.740	0.747	0.761
Observations	412	394	377	366	412	394	377	366
Dist. to closest major city	YES	YES	YES	YES	YES	YES	YES	YES
Sh_SC and Sh_ST 1991	YES	YES	YES	YES	YES	YES	YES	YES
Terr. Ruggedness Control	YES	YES	YES	YES	YES	YES	YES	YES
Historical Controls	NO	YES	NO	YES	NO	YES	NO	YES
Agri. Suitability Control	NO	NO	YES	YES	NO	NO	YES	YES
State FE	NO	NO	NO	NO	YES	YES	YES	YES

Table A13: Robustness II - Effect of Direct British Rule (Additional Controls)

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. Historical controls include share of urban population in 1931, share of tribal population in 1931, share of brahman population in 1931, presence of railways in 1909, population density in 1931, and number of Europeans in 1931.

	(1)	(2)	(3)	(4)
	Dependent v	ariable: log l	ights per capi	ta in 1993
	OLS	OLS	OLS	OLS
Brit direct rule	-0.879*** (0.166)	-0.623*** (0.138)	-0.833*** (0.160)	-0.509*** (0.123)
Brit direct rule × NLT (dummy)	0.468*** (0.151)	0.237 (0.150)	0.361** (0.153)	0.173 (0.156)
Literacy rate 1991	2.776*** (0.611)	2.281*** (0.732)	2.417*** (0.575)	1.846*** (0.529)
IMR 1991	0.000145 (0.00312)	-0.00186 (0.00281)	7.10e-05 (0.00317)	-0.00190 (0.00275)
Log Road Length PC 1992	0.269** (0.104)	0.181* (0.0934)	0.142 (0.0908)	0.106 (0.0871)
Log Railroad Length PC 1992	0.0922** (0.0379)	0.0354 (0.0346)	0.100** (0.0419)	0.0274 (0.0390)
Log Banks Per Capita 1993	0.325*** (0.114)	0.265*** (0.0779)	0.406*** (0.109)	0.297*** (0.0878)
Female Labor Part. Rate 1991	1.266*** (0.359)	0.896*** (0.332)	1.274*** (0.394)	0.731* (0.389)
R-squared	0.621	0.687	0.634	0.696
Observations	356	338	324	313
Dist. to closest major city	YES	YES	YES	YES
Sh_SC and Sh_ST 1991	YES	YES	YES	YES
Terrain Rugg Control	YES	YES	YES	YES
Historical Controls	NO	YES	NO	YES
Agri. Suitability Control	NO	NO	YES	YES

# Table A14: Robustness II - Direct British Rule and Land Tenure Institutions (Additional Controls)

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast. Historical controls include share of urban population in 1931, share of tribal population in 1931, share of brahman population in 1931, presence of railways in 1909, population density in 1931, and number of Europeans in 1931.

	(1)	(2)	(3)				
	Dependent Variable						
	log mean consumption per p capita 1993 (rural sector)		log mean consumption per capita 1993 (rural sector)				
	OLS	OLS	OLS				
Brit direct rule	-0.121*** (0.0312)	-0.0549** (0.0231)	-0.190*** (0.0391)				
Brit direct rule × NLT	(******)	(	0.104***				
Literacy rate 1991	0.867***	0.588***	0.669***				
Elicitacy faite 1991	(0.163)	(0.146)	(0.138)				
IMR 1991	-0.00185*** (0.000650)	-0.00104* (0.000556)	-0.00149** (0.000597)				
Log Road Length PC 1992	0.0881***	0.0458*	0.0683**				
Log Railroad Length PC	-0.0112	-0.00640	-0.0107				
1992	(0.00997)	(0.00852)	(0.0119)				
Log Banks Per Capita 1993	0.0108 (0.0344)	-0.0121 (0.0330)	0.0314 (0.0379)				
Female Labor Part. Rate	-0.256**	-0.287**	-0.327***				
R-squared	(0.0999)	0.588	0.446				
Observations	396	396	352				
State FE	NO	YES	NO				

 Table A15: Robustness III - Direct British Rule and Land Tenure Institutions

 (Alternate proxy of overall development)

Note: Robust standard errors in parentheses. Standard errors are clustered at the level of the native state (Iyer, 2010). We include geographical controls in all the columns. Geographical controls include area in 1991, average annual temperature (1900-1993), average annual rainfall (1900-1993), average elevation, latitude, log river length per capita, and distance to nearest coast.

Table A16: Da	ata Adjustments 1	elative to Iye	er (2010)								
			Iyer (2	010) data			Adju	sted data			
State	District	Brit dummy	Durabrit	Lapse (instrument)	Native level	Brit dummy	Durabrit	Lapse (instrument)	Native level	Source	
Panel A: Districts with incorrect coding for direct British rule dummy. Adjusted for duration of British rule, lapse (instrument), and native level accordingly.											
Himachal Pradesh	Solan	1	1.01		1034	0	0		21	<ol> <li>Verghese (2019)</li> <li>https://hpsolan.nic.in/history/</li> <li>https://en.wikipedia.org/wiki/Solan_district</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Madhya Pradesh	Bastar	1	1.29		1004	0	0		16	<ol> <li>Verghese (2019)</li> <li>Castello-Climent et al. (2018)</li> <li>https://bastar.gov.in/en/about-district/history/</li> <li>https://en.wikipedia.org/wiki/Bastar_district</li> <li>https://en.wikipedia.org/wiki/Bastar_state</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Orissa	Balangir	1	1.02	1	1032	0	0	0	58	<ol> <li>Castello-Climent et al. (2018)</li> <li>https://balangir.nic.in/history/</li> <li>https://en.wikipedia.org/wiki/Balangir_district</li> <li>https://en.wikipedia.org/wiki/Patna_(princely_state)</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Uttar Pradesh	Chamoli	0	0		106	1	1.32		1026	<ol> <li>Castello-Climent et al. (2018)</li> <li>https://chamoli.gov.in/history/</li> <li>https://en.wikipedia.org/wiki/Chamoli_district</li> <li>https://en.wikipedia.org/wiki/Pauri_Garhwal_district</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Gujarat	The Dangs	1	1.47		1011	0	0		12	<ol> <li>Verghese (2019)</li> <li>Castello-Climent et al. (2018)</li> <li>https://en.wikipedia.org/wiki/Dang_district,_India</li> <li>https://en.wikipedia.org/wiki/Baroda_and_Gujarat_States_Agency</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Panel B: Distri	cts not available in	Iyer (2010) d	lata								
Assam	Bongaigaon	N/A	N/A	N/A	N/A	1	1.82	0	1005	<ol> <li>Castello-Climent et al. (2018)</li> <li>https://bongaigaon.gov.in/about-us/detail/history-25</li> <li>http://goalpara.gov.in/</li> <li>https://en.wikipedia.org/wiki/Goalpara_district</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	
Tamil Nadu	Tiruvannamalai Sambuvarayar	N/A	N/A	N/A	N/A	1	1.46	0	1007	<ol> <li>Castello-Climent et al. (2018)</li> <li>https://tiruvannamalai.nic.in/history/</li> <li>https://en.wikipedia.org/wiki/North_Arcot</li> <li>ArcGIS (Imperial Gaz 1909, MapsofIndia, David Rumsey)</li> </ol>	

Haryana	Kurukshetra	1.02	1034	1.44	1019	<ol> <li>https://karnal.gov.in/history/</li> <li>https://kurukshetra.gov.in/history/</li> <li>https://en.wikipedia.org/wiki/Kurukshetra</li> <li>https://en.wikipedia.org/wiki/Kurukshetra_district</li> </ol>
Haryana	Rewari	1.44	1019	1.02	1034	<ol> <li>https://gurugram.gov.in/history/</li> <li>https://en.wikipedia.org/wiki/History_of_Haryana</li> <li>https://en.wikipedia.org/wiki/Farrukhnagar#Under_British_Raj</li> <li>https://en.wikipedia.org/wiki/Rao_Tula_Ram</li> <li>https://en.wikipedia.org/wiki/Rewari</li> </ol>
Orissa	Phulbani	1.82	1027	0.92	59	<ol> <li>https://kandhamal.nic.in/history/</li> <li>https://csridentity.com/districts/kandhamal.asp</li> </ol>
Tamil Nadu	Kanniyakumari	0.15		0		<ol> <li>https://kanniyakumari.nic.in/history/</li> <li>https://en.wikipedia.org/wiki/Kanyakumari_district</li> <li>https://en.wikipedia.org/wiki/Travancore</li> <li>https://en.wikipedia.org/wiki/Thiruvananthapuram_district</li> </ol>
Panel D: Distri	cts for which lapse (instr	ument) data not available				
Andhra Pradesh	Hyderabad	N/A			0	1. https://en.wikipedia.org/wiki/Doctrine_of_lapse 2. https://en.wikipedia.org/wiki/Hyderabad_State

Note: We are able to match 394 out of the 412 districts in our dataset with Castello-Climent et al. (2018). The remaining 18 districts are not available in Castello-Climent et al. (2018) data and hence we are unable to obtain the British dummy (or Princely state dummy) data from Castello-Climent et al. (2018). Out of the 394 matched districts, there are 11 districts in Castello-Climent et al. (2018) whose coding for British dummy (or Princely state dummy) is not consistent with Iyer (2010). These 11 districts are: Rewari (Haryana), Kodagu (Karnataka), Sangli (Maharashtra), Phulbani (Orissa), Faridkot (Punjab), Rupnagar (Punjab), Kanniyakumari (Tamil Nadu), The Dangs (Gujarat), Bastar (Madhya Pradesh), Balangir (Orissa), Chamoli (Uttar Pradesh). In addition to this, the British dummy for Solan (Himachal Pradesh) in Verghese (2019) is inconsistent with both Iyer (2010) and Castello-Climent et al. (2018). Apart from these 12 districts, there are two additional districts, Bongaigaon (Assam) and Tiruvannamalai Sambuvarayar (Tamil Nadu), which are not available in Iyer (2010) data. Iyer (2010) considers Bongaigaon (Assam) to be a part of Goalpara (Assam) and Tiruvannamalai Sambuvarayar (Tamil Nadu). We however consider both these districts as seperate observations in our analysis as per the 1991 Census District Boundaries (Kumar and Somanathan, 2009; Statoids). For all these 14 districts, we refer to district government websites as well as overlay historical maps of the political division of India (Imperial Gaz 1909, MapsofIndia, David Rumsey) on modern (1991) district-level map of India in ArcGIS and manually code the British dummy respectively. Our British dummy coding for Rewari (Haryana), Kodagu (Karnataka), Sangli (Maharashtra), Phulbani (Orissa), Faridkot (Punjab), Rupnagar (Punjab), Kanniyakumari (Tamil Nadu) is consistent with Iyer (2010) and our coding for The Dangs (Gujarat), Bastar (Madhya Pradesh), Balangir (Orissa), Chamoli (Uttar Pradesh) is consistent with Castello-Climent et al. (2018). The British du