

Introduction to Economic History :
Capital, Inequality, Growth

(Master APE & PPD)

(EHESS & Paris School of Economics)

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Lecture 4: Colonial societies, state formation and
comparative development (India, China, Japan)

(check [on line](#) for updated version)

Roadmap of the lecture

- The rise of Europe & the development of fiscal-military states
- India and the origins of the caste system (Manusmriti, 2c BC)
- British colonial censuses (1871-1941) and the rigidification of caste
- Post-independance India: reservations, inequality & redistribution
- Colonialism, ternary ideology and modernization: India, Japan, China

The rise of Europe, state capacity & the development of fiscal-military states

- **Slavery and colonial domination played a central role in the rise of Europe and the industrial revolution.** In 1860, 75% of cotton used in European textile factories came from US South slavery plantations.
- Of course this does not mean that slavery-colonialism was a necessary condition for industrialization & development, which certainly could have happened with a more equitable labour regime and a less hierarchical international order. But this is the way it happened, largely because of European military domination (& ideology justifying using it).
- See K. Pomeranz, *The Great Divergence - China, Europe and the Making of the Modern World Economy*, PUP 2000 ([Intro.-Chap.5-6](#))
- Until 1750-1800, very comparable development level between the most advanced regions of Europe, China, Japan or India (proto-industrialization)

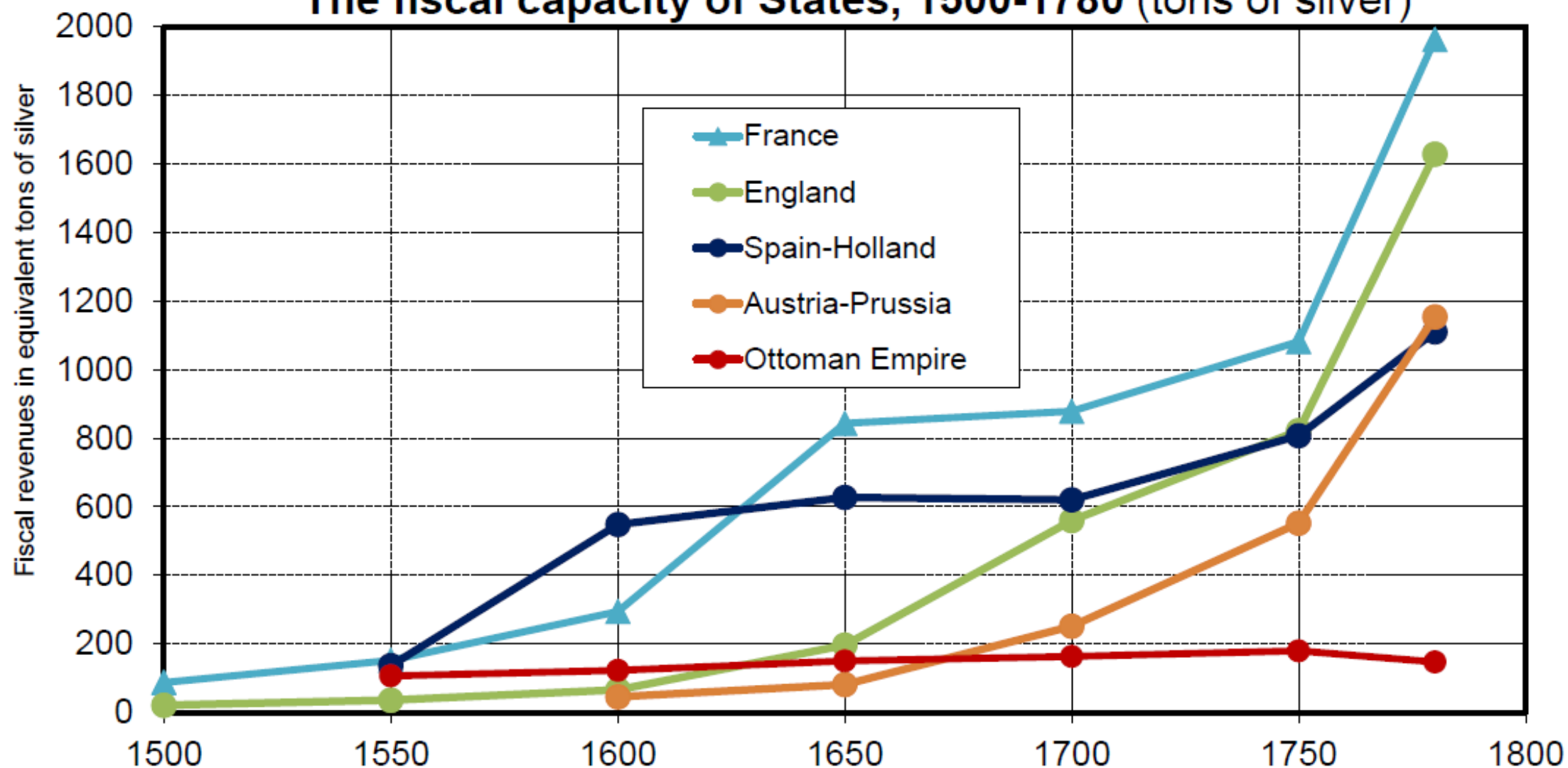
- Pomeranz also stresses the role of « **ecological constraint** ». Very fast deforestation in Europe 1500-1800 (& China-Japan-India).
- The « discovery » of America & the development of Atlantic slavery allowed for large scale imports of raw materials (cotton, wood, sugar, etc.)
- In 1830s, total English imports = equivalent to 10 millions hectares of land, i.e. 1.5-2 additional Britain in arable land.
- Modern economic developement is the product of globalization and could hardly have happened without it (i.e. without the world division of labour). The interesting question is to explore the alternative ways globalization could have been organized in past centuries (& could be organized in the future).
- Armed trade and military domination also played key role in **financial innovation**: public debt, colonial companies (EIC, VOC, etc.)
- Not at all the Smithian recipe: low taxes, no debt, peaceful trade, etc.

- See S. Beckert, *Empire of Cotton. A Global History*, Penguin 2014
- Until 1500-1600, cotton and textiles had always been produced locally. Things started to change with the Great Discoveries and the military expansion of Europe: the West appropriated land in America, sent slaves from Africa in order to produce raw cottons and finally banned Indian textiles → **by 1800-1850, Europe was able to gradually take control of global textile manufacturing**
- Key role of slavery: half of the slaves transported over the 1492-1888 period were transported after 1780, and especially in 1780-1820; huge acceleration of the slavery system in 1780-1860
- See P. Parthasarathi, *Why Europe Grew Rich and Asia Did Not: Global Economic Divergence 1600-1850*, CUP 2011.
- Key role of British bans on Indian textiles. **China-India: 55% of world manufacturing output in 1800, down to 5% by 1900.**

- See also Rosenthal-Wong, *Before and Beyond Divergence: The Politics and Economic Change in China & Europe*, HUP 2011
- They stress the role played by the **size of political communities (polities)**
- **Europe: smaller polities** → more competition between small nation-states, more military innovation → colonial domination, rise of the West. But also self-destruction of Europe in 20c, and major coordination pb today within the EU
- **China: larger polity** → less military innovation in 17c-19c, too Smithian (low taxes, no debt, peaceful trade) → defeat in Opium wars 1839-1842 and 1856-1860 against Britain & France → war tributes, unequal treaties. But maybe better in the long-run

- **The rise of strong military and fiscal capacity in Europe: consequence of interstate competition.** Until 15c-16c all states in the world were weak (<1%-2% GDP in tax revenues). But in 17c-18c state capacity grew to 6%-8% GDP in Europe, thereby creating a gap with Ottoman or Chinese states (1%-2%)
- Main explanation: long term process of state-building and ideological change (from trifunctional local elites to proprietarian centralized state).
Acceleration of the process due to interstate competition and permanent war in Europe (90%-95% of the time during 16c-17c, 78% during 18c)
- See K. Karaman, S. Pamuk, [Ottoman State Finances in European Perspective](#), Journal of Economic History 2010
- See also M. Dincecco, [The Rise of Effective States in Europe](#), JEH 2015

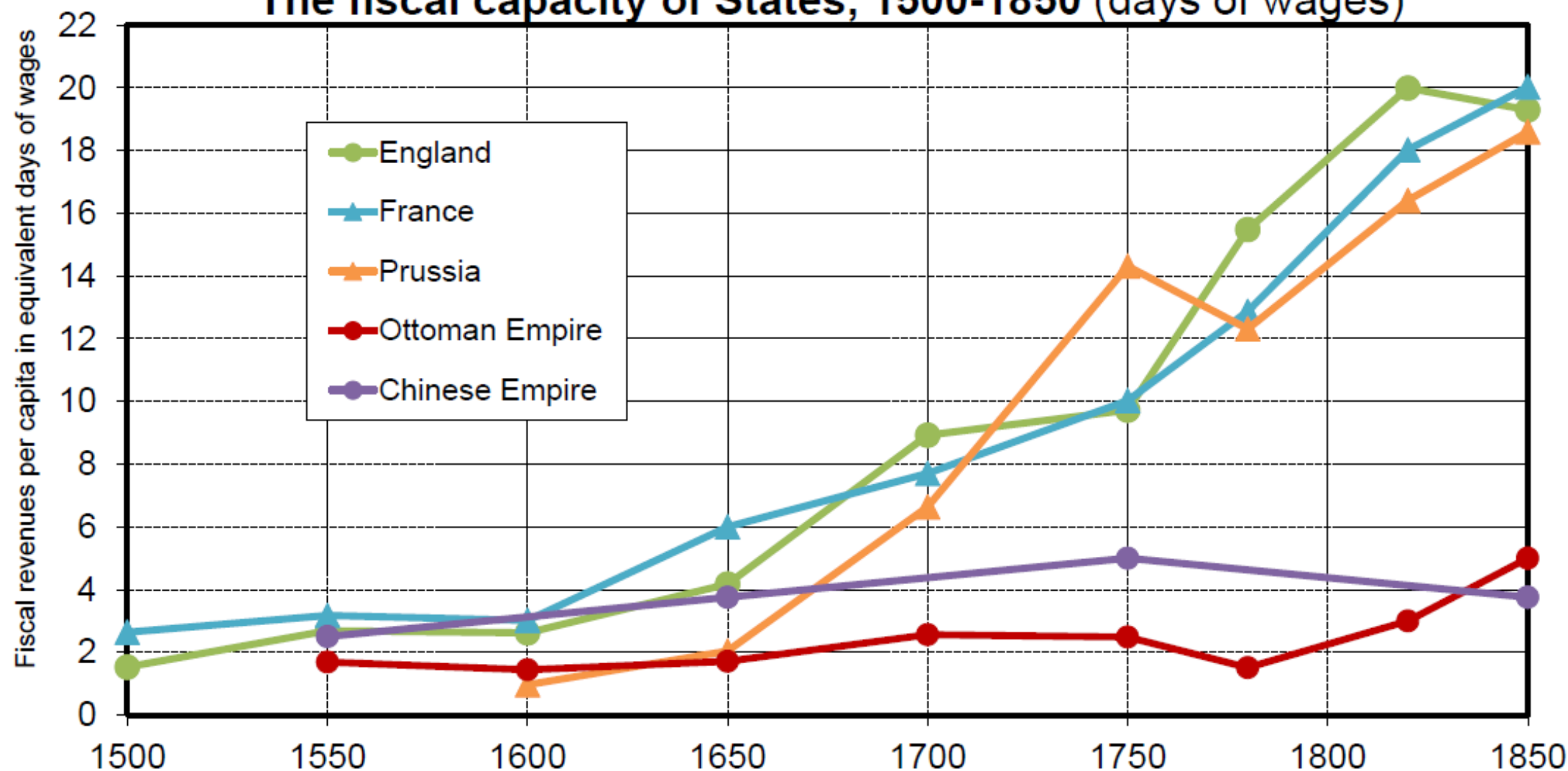
The fiscal capacity of States, 1500-1780 (tons of silver)



Interpretation. Around 1500-1550, the fiscal revenues of the main European States and of the Ottoman Empire were at a level equivalent to about 100-200 silver tons per year. In the 1780s, the fiscal revenue of France and England were between 1600 and 2000 tons of silver per year, while those of the Ottoman Empire were less than 200 tons.

Sources and series: see piketty.pse.ens.fr/ideology (figure 9.1).

The fiscal capacity of States, 1500-1850 (days of wages)



Interpretation. Around 1500-1600, tax revenues per inhabitant the main European States were between 2 and 4 days of urban unskilled maneuver wages; in 1750-1780, they were between 10 and 20 days of unskilled wages. Per inhabitant fiscal revenues remained around 2-5 days of wages in the Ottoman Empire as well as in the Chinese Empire. With a per inhabitant national income estimated to be around 250 days of unskilled urban wage, this implies that tax revenues have stagnated around 1%-2% of national income in Chinese and Ottoman Empires, while they rose from 1%-2% to 6%-8% of national income in Europe. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 9.2).

India and the origins of the caste system

- India's ideal social structure according to Manusmriti (legal-political-philosophical treatise written by a group of priests in the 2nd century BCE): **four basic classes (*varnas*)** instead of three in European trifunctional societies (but same basic logic)

Brahmins (priests/teachers)

Kshatriya (warriors/rulers)

Vaishya (traders/craftsmen) (≈skilled labor, free labor)

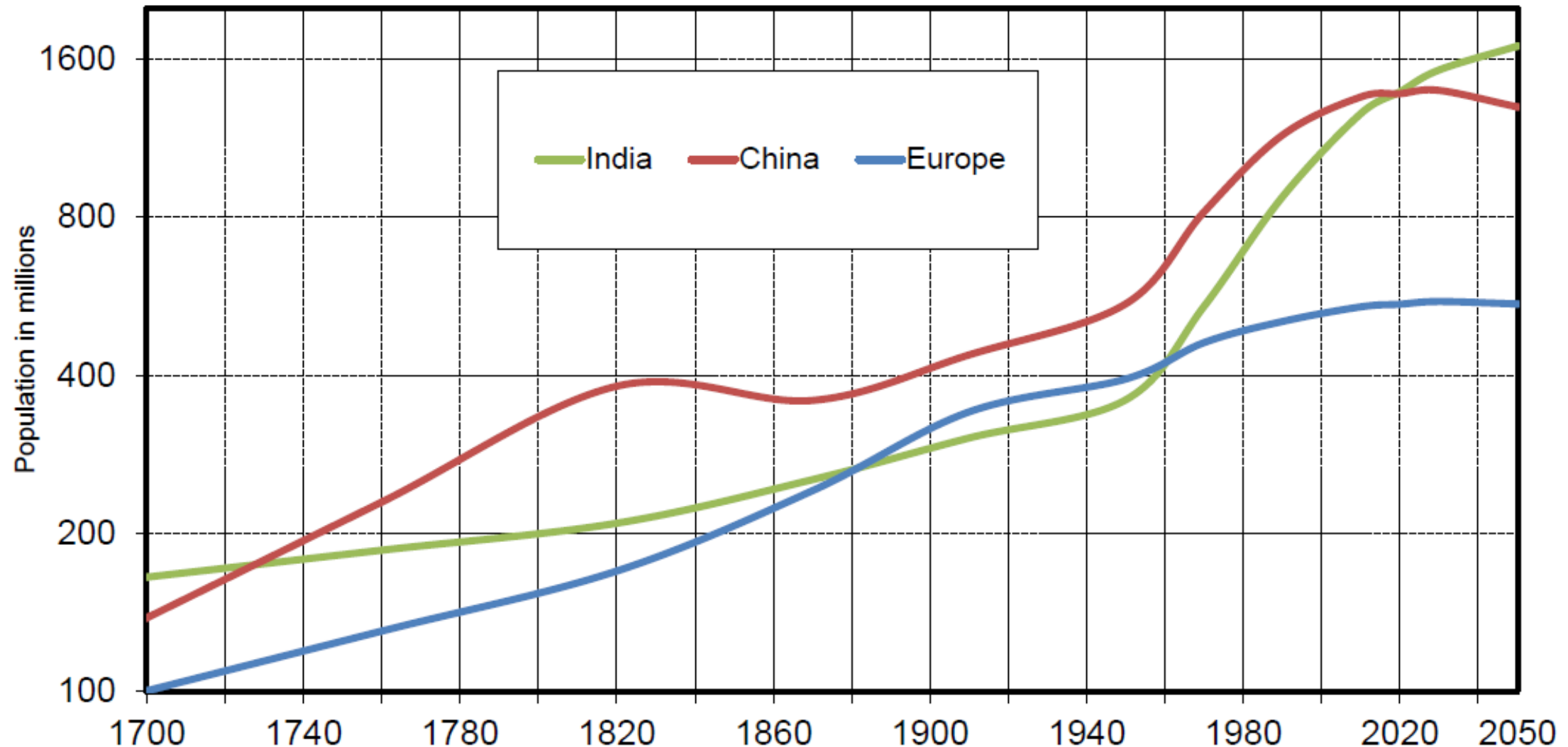
Shudra (laborers) (≈common labor, sometime forced labor, quasi-serfs)

(+ Dalits (untouchables), not mentioned in Manusmriti) (= specific occupations like working with leather and animal skin, cleaning, etc.)
(Dalits = highly discriminated by other groups, like « uncivilized » aboriginal tribes living in forests and hills)

- **The Manusmriti is not a sociological or historical description of India in 2c BC (or India in later periods): it is a normative statement** written by a group of Hindu priests (brahmins) in order to describe how they believe a well organized Hindu kingdom should look like
- Basic statement: kings should come from a group of warriors (kshatryas) recognized as such by brahmins, and they should follow the advice of the wisest brahmins, in particular regarding wars, religious and family matters, property and inheritance division, etc. (very sophisticated legal code)
- It is comparable to 10c-11c AC texts written by European bishops describing the ideal trifunctional structure of society: priests vs warriors vs others
- In practice, the social and political reality is always more complex & chaotic: new groups of rulers kept replacing each other for centuries, both in India & in Europe (& elsewhere), and priests/intellectuals have always faced strong difficulties to put discipline on them & elicit respect for their vast knowledge

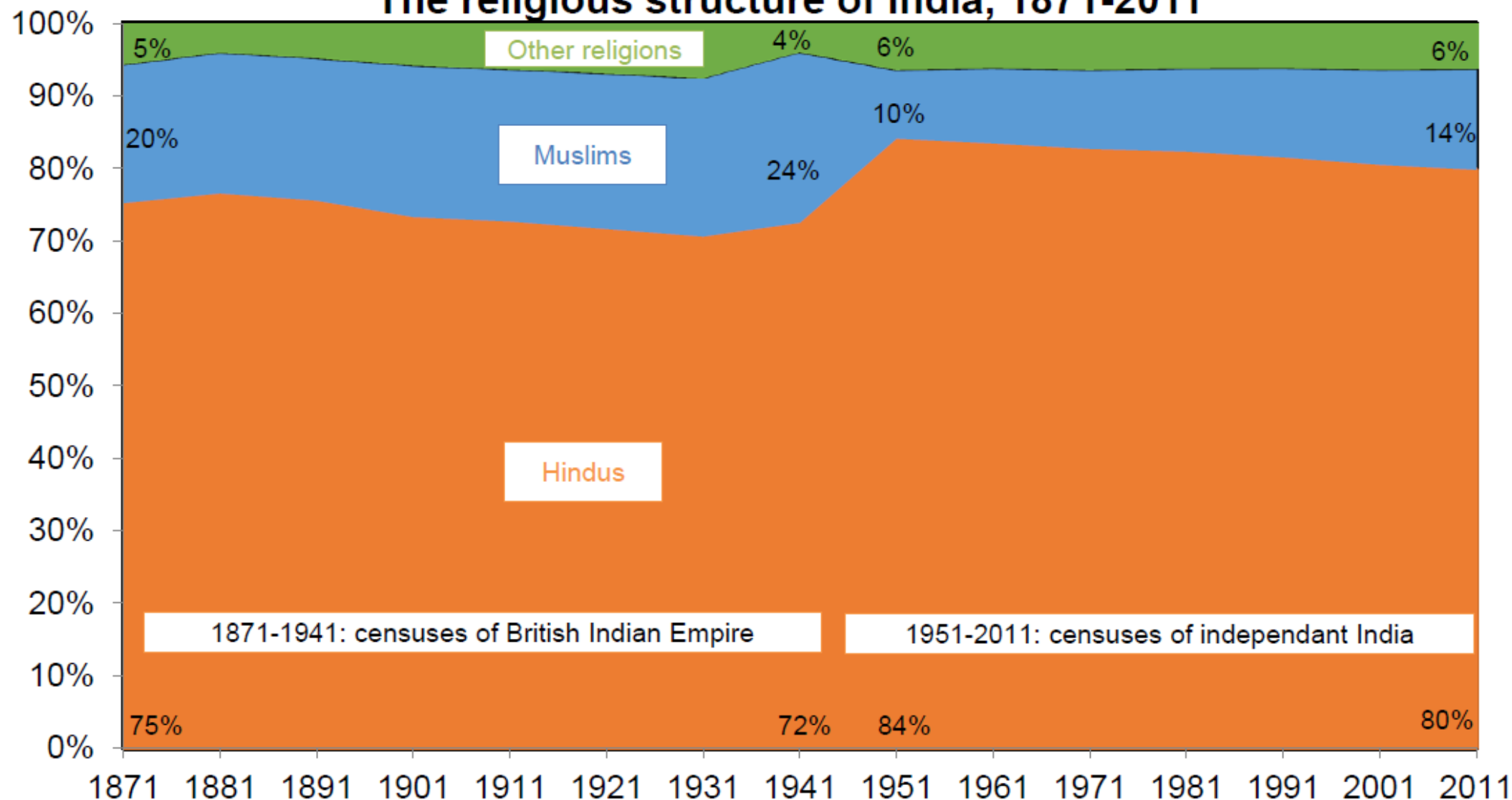
- In pre-colonial India (like in Europe), the social structure was in practice much more complex than a three-class or four-class structure: there were **thousands of small occupational-regional-ethnic groups (jatis)**
- E.g. Kerala shoe-makers, Bengali goat-raisers, Punjabi cultivator, etc.
- The European view of Indian castes has always been characterized by a major confusion between **castes as varnas** (the four theoretical classes of the Manusmriti) **vs castes as jatis** (the thousands of small social groups, with multiple and changing social identities and boundaries)
- There was no formalisation of the system until the Caste Censuses conducted in 1871-1941 under British colonial rule, which contributed to create rigid administrative categories out of a highly decentralized social structure
- In addition to the enormous regional, linguistic and ethnic diversity, India's complex social and political structure is also characterized by an early experience with **multiconfessionalism** (Islam plays important role since 12c)

Population in India, China and Europe, 1700-2050



Interpretation. Around 170, total population was about 170 millions inhabitants in India, 140 millions in China and 100 millions in Europe (about 125 millions if one includes the territories corresponding to today's Russia, Belarus and Ukraine). In 2050, according to UN projections, total population will be 1,7 billion in India, 1,3 billion in China and 550 millions in Europe (EU+) (720 millions if one includes Russia, Belarus and Ukraine). **Sources and series:** see piketty.pse.ens.fr/ideology (figure 8.1).

The religious structure of India, 1871-2011



Interpretation. in the 2011 census, 80% of India's population was reported as "hindus", 14% as "muslims" and 6% from another religion (sikhs, christians, buddhists, no religion, etc.). These figures were 75%, 20% and 5% in the colonial census of 1871; 72%, 24% and 4% in that of 1941; then 84%, 10% and 6% in the first census conducted by independent India in 1951 (given the partition with Pakistan and Bangladesh). **Sources and series:** voir piketty.pse.ens.fr/ideology (figure 8.2).

The structure of the population in censuses of India, 1871-2011

| | 1871 | 1881 | 1891 | 1901 | 1911 | 1921 | 1931 | 1941 | 1951 | 1961 | 1971 | 1981 | 1991 | 2001 | 2011 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Hindus | 75% | 76% | 76% | 74% | 73% | 72% | 71% | 72% | 84% | 83% | 83% | 82% | 81% | 81% | 80% |
| Muslims | 20% | 20% | 20% | 21% | 21% | 22% | 22% | 24% | 10% | 11% | 11% | 12% | 13% | 13% | 14% |
| Other religions (sikhs, christians, buddhists, etc.) | 5% | 4% | 4% | 5% | 6% | 6% | 7% | 4% | 6% | 6% | 6% | 6% | 6% | 6% | 6% |
| Total | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% | 100% |
| <i>Scheduled castes (SC)</i> | | | | | | | | | 15% | 15% | 15% | 16% | 17% | 16% | 17% |
| <i>Scheduled tribes (ST)</i> | | | | | | | | | 6% | 7% | 7% | 8% | 8% | 8% | 9% |
| Total Indian population (millions) | 239 | 254 | 287 | 294 | 314 | 316 | 351 | 387 | 361 | 439 | 548 | 683 | 846 | 1 029 | 1 211 |

Interpretation: The results reported here were obtained using the decennial censuses conducted in British colonial India between 1871 and 1941 and in independent India from 1951 to 2011. The proportion of Muslims falls from 24% in 1941 to 10% in 1951, due to the partition with Pakistan. Starting in 1951, censuses register "scheduled castes" (SC) and "scheduled tribes" (ST) (untouchables and aboriginal tribes formerly discriminated), which can belong to the various religions (mostly hindus and other religions). **Sources and series:** see piketty.pse.ens.fr/ideology (table 8.1).

- India 10c-19c: permanent competition between multiple states of different confessions: Moghul empire (maximal extension 1526-1707, final fall 1858), various muslim sultanates and hindu kingdoms, including Maratha empire (1674-1818), Vijayanagara kingdom (Kerala), etc.
- British India: EIC 1757-1857 (East India Company), direct rule 1858-1947 (British Raj, but 562 princely states & various political entities until 1947)
- On the rapidly evolving social and political structure of 18c-19c India, see N. Dirks, *Castes of Mind: Colonialism and the Making of Modern India*, PUP 2001; S. Bayly, *Caste, Society and Politics in India from the 18c to the Modern Age*, CUP 1999
- On Europe's discovery of India, see S. Subrahmanyam, *The Career and Legend of Vasco de Gama*, CUP 1997 (*Vasco de Gama. Légendes et tribulations du vice-roi des Indes*, Alma 2012)

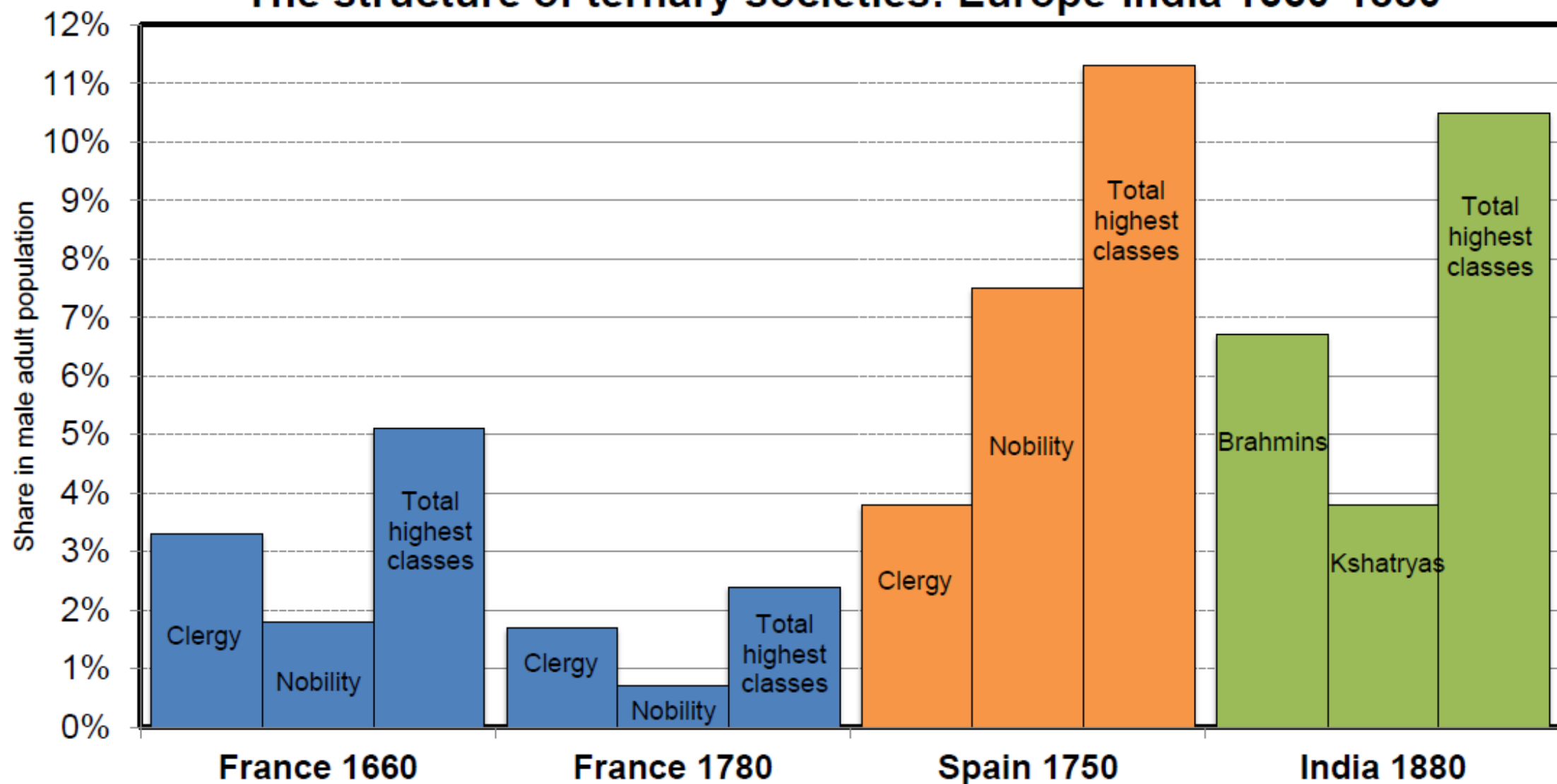
British colonial censuses (1871-1941) and the rigidification of caste

- After the Indian revolt 1857-1858, British rulers aimed to better control the country. In particular, they organize major decennial censuses (critical source of knowledge for organizing the tax system, maintaining social order, etc.)
- Pb: they did not know which social categories to use in order to describe and register Indian society. They started from the four varnas of the Manusmriti (brahmins, kshatriyas, vaishyas, shudras), but they soon realized that these categories did not correspond at all to the way the various social groups describe and perceive themselves (people used jatis, not varnas).
- 1871 census: 3 208 jatis are counted
- 1881 census: 19 044 jatis and subjatis (<20 000 individuals per jati) (=very small local occupational-ethnic-linguistic categories)

- Imagine a situation where an Indian ruler takes over Europe in the 18c-19c and attempts to put the population of the entire continent into boxes: carpenters from Creuse, nannies from Brittany, Catalan grape-pickers, Scottish shepherds, Finnish fisherman, etc.
- British colonial administrators had no idea on how to classify these thousands of local jatis into broad meaningful categories
- See e.g. Nesfield, [Brief View of the Caste Sytem of the North-Western Provinces and Oudh, Together with an Examination of Names and Figures Shown in the Census Report 1882](#), Allahabad 1885
- Interesting illustration of both the hesitations and the prejudices of colonial administrators against lower social groups (untouchables, aboriginals and other lower groups are accused of being dirty, permissive, thieves, etc.). In effect they just reproduce the prejudices of Indian upper classes against lower groups (like Victorian bourgeois prejudices against working classes)

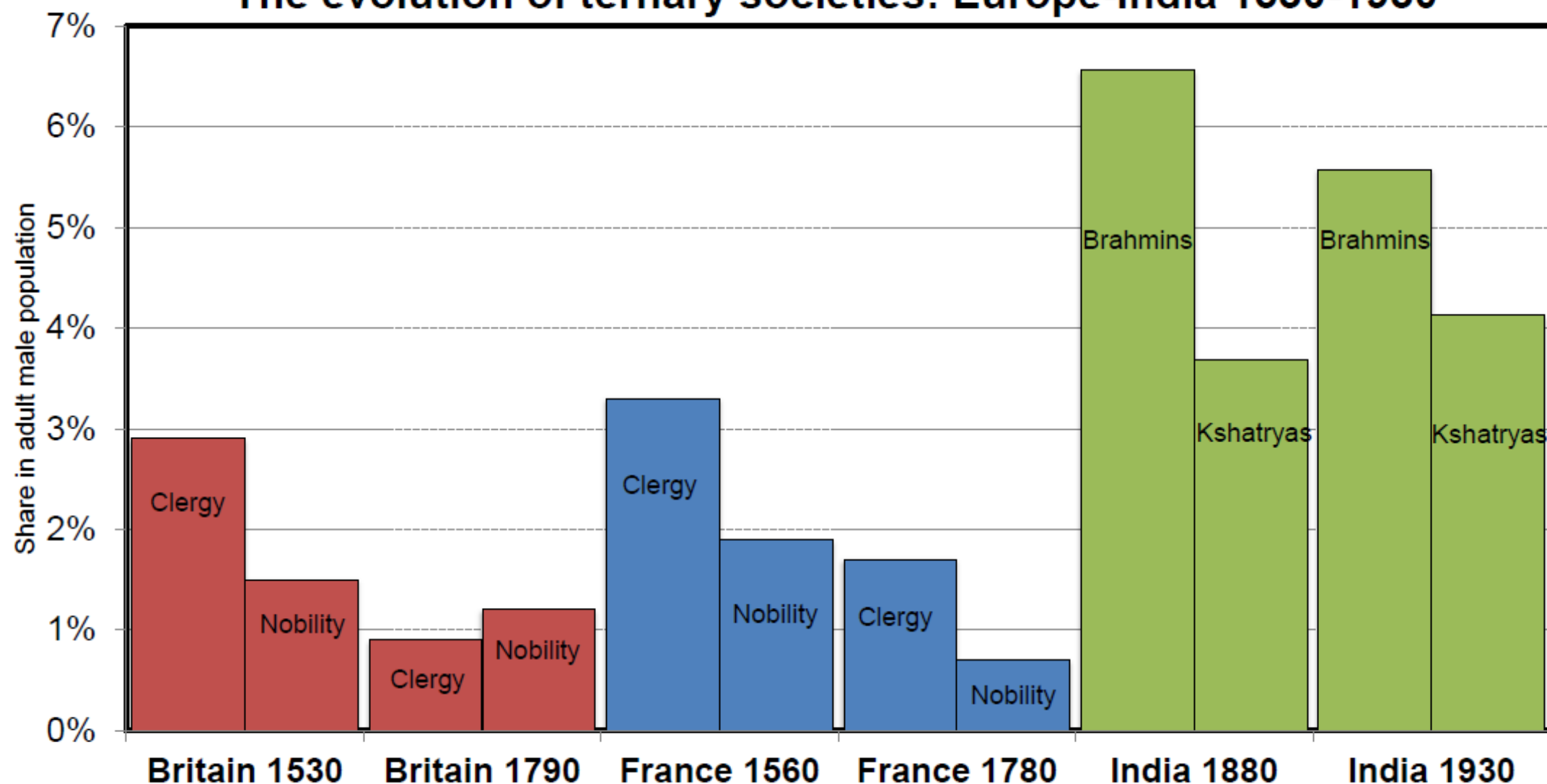
- In colonial censuses 1871-1931, British administrators attempt to classify dozens of jatis into one unified category of « **brahmins** » (groups of former or current priests/teachers/doctors/landlords etc.), « **kshatryas/rajputs** » (groups of former or current soldiers/warriors/land owners etc.), « **vaishyas/banyas** » (traders, etc.), but in practice this is highly artificial, because the boundaries between the different social groups cannot always be classified in these terms
- See [this directory](#) for examples of the statistical volumes of census results
- Using these definitions, one finds that the weight of brahmins and kshatryas in India 1871-1931 was comparable to the weight of the clergy and nobility in 16c-19c Europe: close to Spain (8%-10% of total pop), < France-UK (2%-5%)

The structure of ternary societies: Europe-India 1660-1880



Interpretation. In 1660, the clergy accounted for about 3,3% of male adult population in France, and the nobility for 1,8%, for a total of 5,1% for the two dominant classes of the trifunctional society. In 1880, Brahmins (ancient class of priests, as measured by British colonial censuses) accounted for 6,7% of male adult population in India, and Kshatryas (ancient class of warriors) for 3,8%, for a total of 10,5% for the two dominant classes. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 1.1).

The evolution of ternary societies: Europe-India 1530-1930

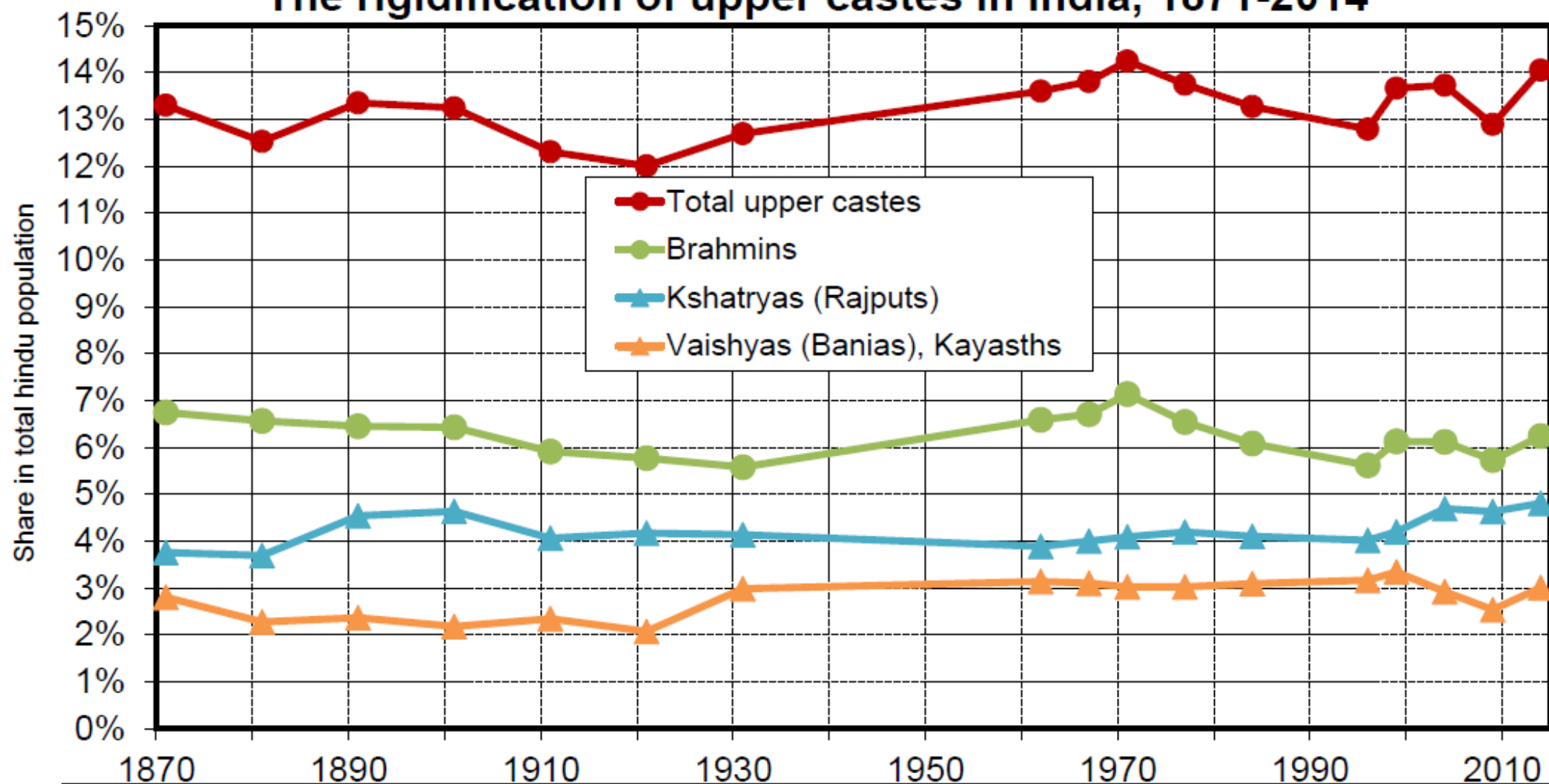


Interpretation. In Britain and in France, the two dominant classes of the trifunctional society (clergy and nobility) had a declining numerical importance between the 16th and the 18th century. In India, the numerical significance of brahmins and kshatryas (ancient classes of priests and warriors), as measured by British colonial censuses, dropped slightly between 1880 and 1930, albeit at significantly higher levels than the corresponding classes in Europe in the 16th-18th centuries. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 8.3).

- In 1871-1931, British colonial censuses are used to distribute rights and duties and to maintain social orders: « brahmins » & « kshatryas/rajputs » are useful categories to hire administrators & policemen/soldiers, enforce social privileges and organize tax collections (indirect tax collection via local land-owning elites)
- Census questionnaires involve a complex mixture of self-reporting, identity manipulation, local council and administrative approval: see e.g. Cassan, « Identity based policies and identity manipulation: Evidence from Colonial Punjab », [AEJ 2014](#)
- Caste censuses were also used in order to register and criminalize dangerous lower groups: « Criminal Tribes Acts »

- Between 1871 and 1931, British rulers gradually realized that the rigidification and bureaucratization of caste identities contributes to create and exacerbate social conflicts, and was being strongly opposed by independence movements (Indian National Congress created in 1885)
- They finally decided to abandon the registration of upper castes in 1931: the 1941 census has no general questionnaire on castes
- Post-1947 Indian governments focused upon the correction of past discrimination against lower castes & stopped asking general questions about caste identities in censuses
- But the 1871-1931 experience with colonial censuses seems to have contributed to rigidify upper caste identities: in 1962-2014 electoral surveys, self-reported brahmins and other upper castes appear to account roughly for the same proportion of the population as in colonial censuses; upper caste identity still matters a lot today for political affiliation (BJP vote)

The rigidification of upper castes in India, 1871-2014



Interpretation. The results reported here were obtained from British colonial censuses conducted between 1871 and 1931 and from post-electoral surveys (self-declaration) conducted between 1962 and 2014. One observes a relative stability over time of the fraction of the population registered as brahmins (ancient class of priests and intellectuals), kshatriyas (rajputs) (ancient class of warriors) and other upper castes: vaishyas (banias) (craftsmen, tradepeople) and kayasths (writers, accountants). Other local upper castes such as marathas (about 2% of total population) were not included here. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 8.4).

The structure of upper castes in India, 1871-2014

| | 1871 | 1881 | 1891 | 1901 | 1911 | 1921 | 1931 | 1962 | 1967 | 1971 | 1977 | 1996 | 1999 | 2004 | 2009 | 2014 |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Total upper castes | 13,3% | 12,6% | 13,4% | 13,2% | 12,3% | 12,0% | 12,7% | 13,6% | 13,8% | 14,2% | 13,7% | 12,8% | 13,6% | 13,7% | 12,8% | 14,0% |
| incl. Brahmins (priests, intellectuals) | 6,7% | 6,6% | 6,5% | 6,4% | 5,9% | 5,8% | 5,6% | 6,6% | 6,7% | 7,1% | 6,5% | 5,6% | 6,1% | 6,1% | 5,7% | 6,2% |
| incl. Kshatriyas (Rajputs) (warriors) | 3,8% | 3,7% | 4,5% | 4,6% | 4,1% | 4,2% | 4,1% | 3,9% | 4,0% | 4,1% | 4,2% | 4,0% | 4,2% | 4,7% | 4,6% | 4,8% |
| incl. other upper castes: Vaishyas (Banias), Kayasths | 2,8% | 2,3% | 2,4% | 2,2% | 2,3% | 2,1% | 3,0% | 3,1% | 3,1% | 3,0% | 3,0% | 3,2% | 3,3% | 2,9% | 2,5% | 3,0% |
| Total hindu population (millions) | 179 | 194 | 217 | 217 | 228 | 226 | 247 | 375 | 419 | 453 | 519 | 759 | 800 | 870 | 939 | 1 012 |

Interpretation: The results reported here were obtained using the British colonial censuses of India conducted between 1871 and 1931 and the post-electoral surveys (self-declaration) run from 1962 to 2014. One observes a relative stability of the proportion of the population registered as brahmins (former classes of priests and intellectuals), kshatriyas (rajputs) (former classes of warriors) and other upper castes: vaishyas (banias) (craftsmen, tradespeople) and kayasths (writers, accountants). Other local upper castes such as the marathas (about 2% of population) were not included here. **Sources and series:** see piketty.pse.ens.fr/ideology (table 8.2).

- Some modern surveys still ask questions about caste identity and show that there is still a strong correlation (but with lots of exceptions) with socio-economic inequality
- E.g. in the 1990s-2010s, like in colonial censuses 1871-1931, one observes that brahmins have very high education, property and income, while kshatryas/rajputs have high property and income (but lower education) (intellectual elite vs warrior/business elite) (see N. Bharti, [Wealth Inequality, Class and Caste in India, 1961-2012](#), WID.world 2018) ([long version](#))
- Quotas/reservations favouring access to university and high administrative positions started in princely states in early 20c: 1902 Kolhapur (local king humiliated by Brahmins due to his shudra origins → 50% quota for non-Brahmins), 1916 Madras, 1918 Mysore (non-Brahmin elites don't accept any more that 3% Brahmin population captures 70% of university seats and high civil servant positions), 1921 Tamil Nadu

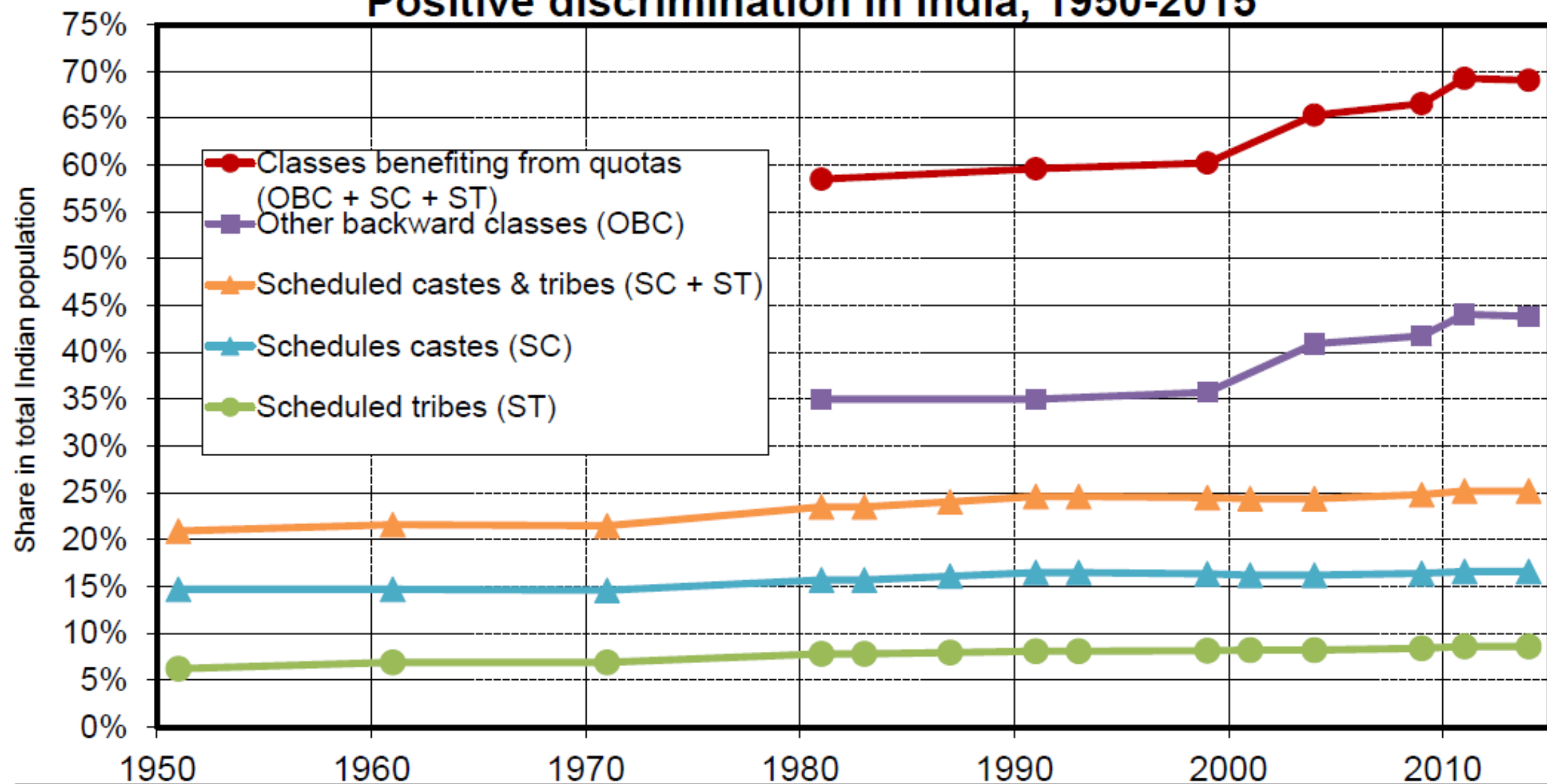
→ **British colonialism and state centralization did not create Indian inequality; but they gave a rigid administrative structure to caste and class in India (as well as a toolbox for self-correction, to some extent)**

Post-independance India: reservations, inequality & redistribution

- **1950 Constitution:** no state religion, abolition of all caste privileges, end of untouchability, open access to all temples & public spaces (art.14-15); but large state autonomy to regulate cow slaughtering (art.46) (→ lower castes & muslims regularly accused of illegal cow slaughtering → violent riots)
- **Art.46: quotas/reservations for SC (scheduled castes: Dalits, former untouchables) and ST (scheduled tribes: former aboriginals)** in higher education, public sector jobs and elected positions, in proportion to population share → these SC/ST reservations were implemented immediately (Poona Pact 1932 Ambedkar-Gandhi: no separate electorate for Dalits, but quota systems for elected positions; reserved seats drawn at random)
- **Art.340: quotas/reservations should later be enacted for OBC (other backward classes)** (= other social groups suffering from **objective material deprivation** – education, income, housing, etc. – **but not due to specific past discrimination**)

- **In 1950-1992 the reservations only applied to SCs-STs at the federal level.**
In some states, they were gradually extended to OBCs, as well as to the poorest groups within Forward Castes (FC).
- **Federal extension of quota systems to OBC (Other backward classes): Mandal Commission 1980, final validation & implementation in 1992**
- The OBC extension deeply transformed the logic of quota systems: with quotas limited to SC-ST, only 20%-25% of seats in university and public sector were reserved for lower social groups (not a big threat for children of upper classes). But with OBC, up to 60%-70% of seats were potentially reserved for lower social groups (**→ this became much more dangerous for upper class children**)
- Indian Muslims (14% pop) did not benefit from SC-ST status but could benefit from OBC status. Major source of conflict with Hindu nationalist parties since the 1990s-2000s (**→ rise of BJP**), but also key factor of solidarity with lower caste hindus. Low-caste parties (BSP, JP) & INC are supported both by lower class muslims and lower class hindus.

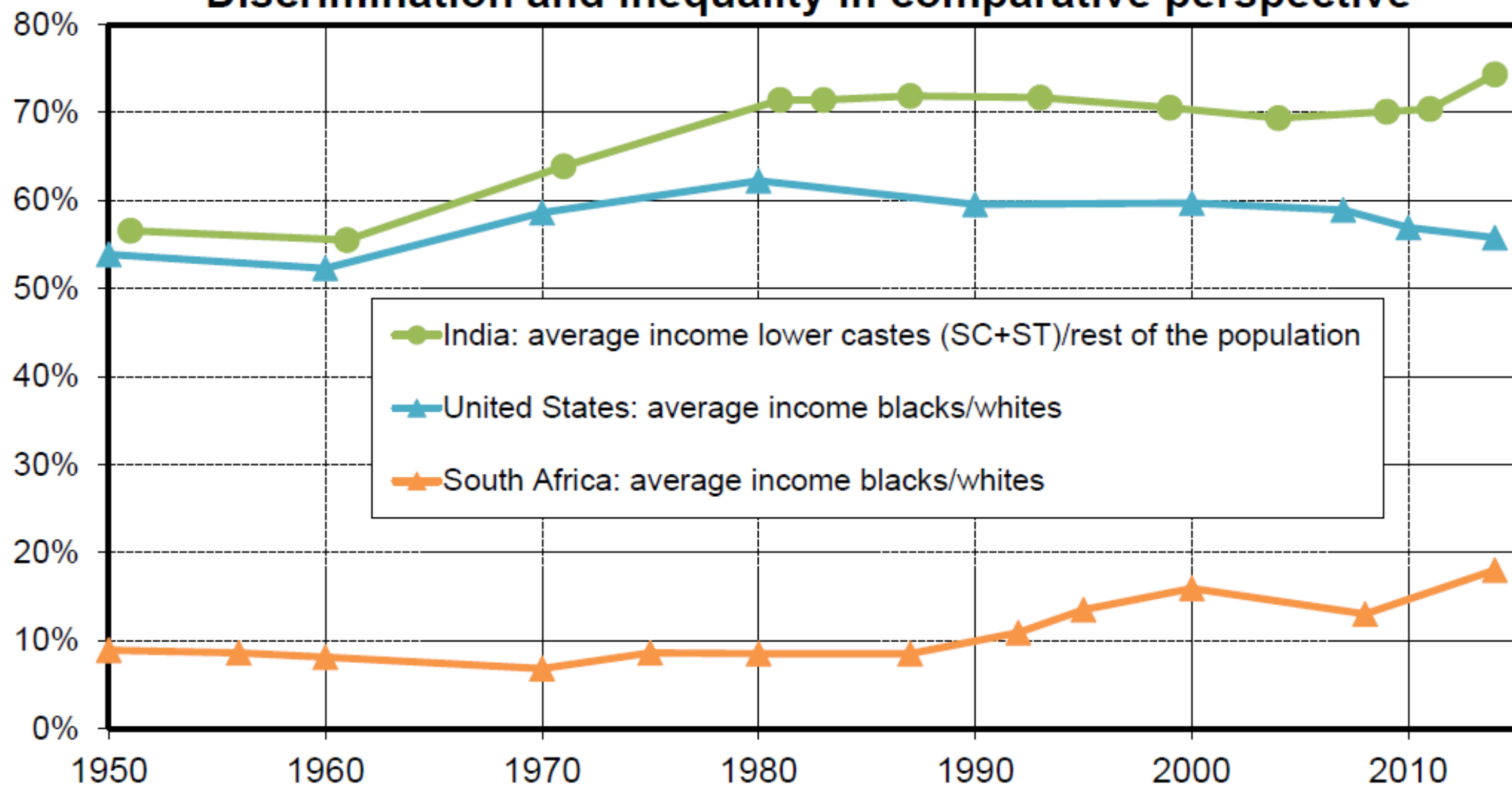
Positive discrimination in India, 1950-2015



Interpretation. The results reported here were obtained from the decennial censuses 1951-2011 and NSS surveys 1983-2014. Quotas for accessing universities and public sector jobs were enacted for "scheduled castes" (SC) and "scheduled tribes" (ST) (ancient discriminated groups of untouchables and aboriginal tribes) in 1950, before being gradually extended beginning in 1980-1990 to "other backward classes" (OBC) (ancient shudras), following the Mandal commission in 1979-1980. OBCs are registered in NSS surveys since 1999 only, so the estimates reported here for 1981 and 1991 (35% of population) are approximate. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 8.5).

- **Did Indian quotas work? Yes and no.**
- **Yes.** Past discrimination against SC and ST was so large that it was necessary to use positive discrimination.
- **It worked in politics:** all parties now have 25% of SC-ST elected officials. This contributed to the inclusiveness of Indian democracy. See F. Jensenius, *Social Justice through Inclusion: The Consequences of Electoral Quotas in India*, OUP 2017
- See also Duflo et al, « [Powerful Women: Does Exposure Reduce Bias?](#) », QJE 2009, about declining stereotypes against women's political discourses among voters after being exposed to female politicians.
- **It worked in economics:** inequality between SC-ST and the rest of the population is still very large, but since 1950 it has declined a lot more for instance than black-white inequality in the US

Discrimination and inequality in comparative perspective



Interpretation. The ratio between the average income of lower castes in India (scheduled castes and tribes, SC+ST, ancient discriminated groups of untouchables and aboriginal tribes) and that of the rest of the population rise from 57% in 1950 to 74% in 2014. The ratio between the average income of Blacks and Whites rose over the same period from 54% to 56% in the United States, and from 9% to 18% in South Africa. **Sources et séries:** see piketty.pse.ens.fr/ideology (figure 8.6).

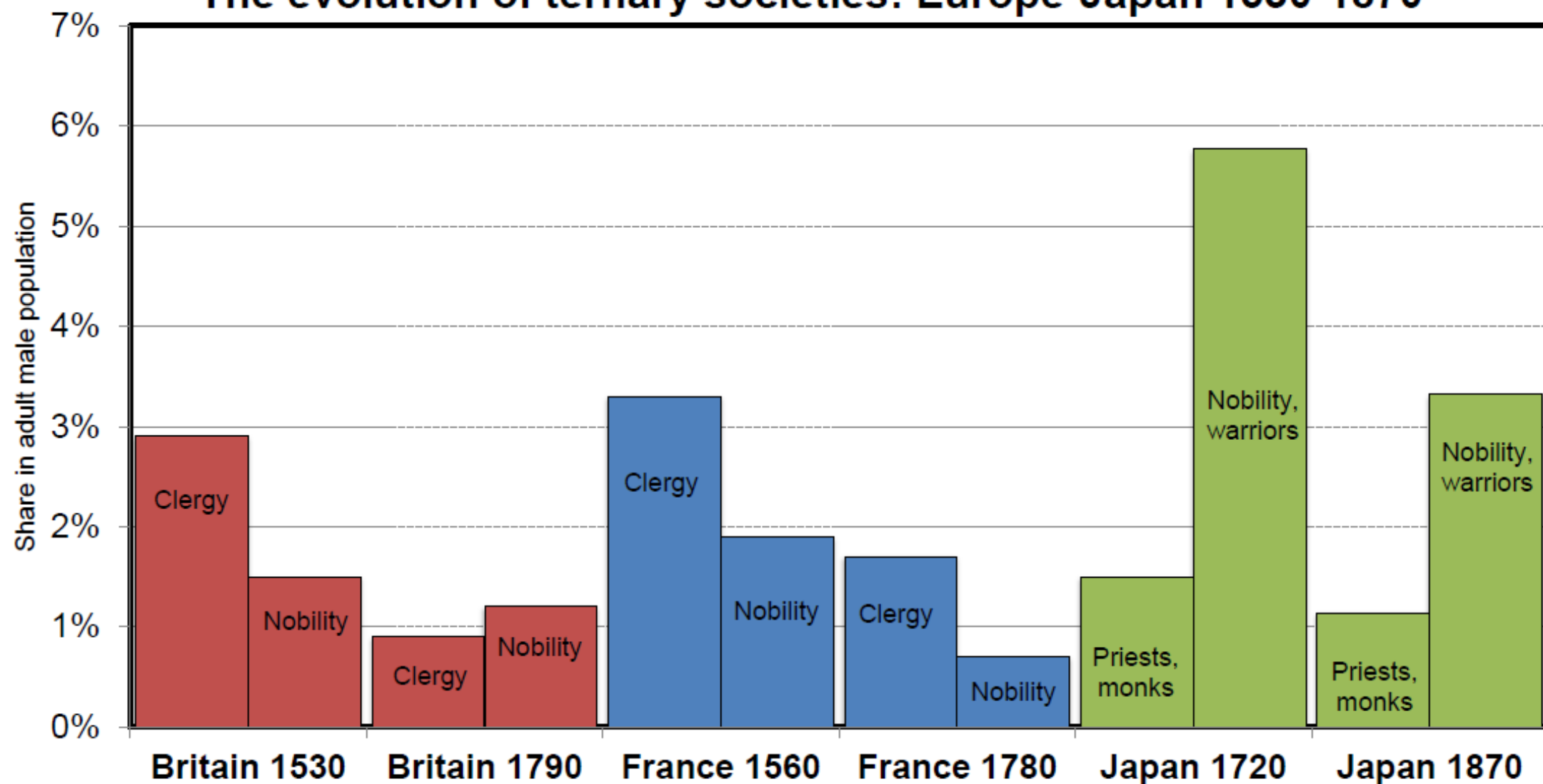
- **Are quotas sufficient? No.**
- Given the small number of seats in university, public sector jobs & elected positions, one cannot solve the Indian inequality problem simply by an approach based upon reservations. One would need more investment in basic social services (education, health), redistribution in land and other assets (limited land reform took place in Kerala and West Bengal), etc.
- 2010s: public health spending = 1% GDP in India, vs 3% China & 8% Europe
- **For the Indian elite, support to the reservations system has sometime served as an excuse to avoid more ambitious redistributive policies**
- Nehru-Gandhi and Ambedkar disagreed about quotas vs separate electorates, but shared fairly conservative view about taxation & property
- Education & health: India lagging behind China, Vietnam, Bangladesh..
J. Drèze, A. Sen, *An Uncertain Glory. India and its Contradictions*, PUP 2013
(see also *India. Economic Development and Social Opportunity*, OUP 1995)

- **Ideally, quota systems should plan the conditions of their own transformation**, as stereotypes gradually disappear. Otherwise there's a strong risk that quotas contribute to rigidify past categories and to perpetuate/exacerbate identity-based conflict.
- In 1993, « **creamy layer** » (household income > 800 000Rs, i.e. top 10%) were excluded from OBC status (& from SC-ST status since 2018).
- In 2019, new quotas were introduced for upper castes (FC) below 800 000Rs were introduced, to the expense of FCs above 800 000Rs.
- A « **Socio-Economic and Caste Census** » was conducted in **2011** in order to clarify the relation between caste, education, income, wealth, housing conditions & poverty (**=first caste census since 1931 British census**), but full results have not been published yet (very explosive issue)
- **It is possible that India's caste-based reservation system has started a long process of transformation into an income- & wealth-based reservation system.** But this will take time. Many lessons for the rest of the world.

Colonialism, ternary ideology and modernization: India, Japan, China

- **Colonialism had a major impact on the modernization trajectories followed by the various societies** and the way they evolved from trifonctionnal to proprietarian and post-proprieterian ideologies
- **India:** rigidification of caste via British colonial censuses 1871-1931
- **Iran:** muslim clergy managed to appear as the main force of resistance against colonialism and corrupt military-business elite
→ 1979 revolution, theocratic republic dominated by clergy
- **Japan:** major trauma after 1853-1854 humiliation by Western navy
→ Meiji era 1868, end of Shogun & traditional warrior class power, huge investment in industrialization and education (& military)

The evolution of ternary societies: Europe-Japan 1530-1870



Interpretation. In Britain and in France, the two dominant classes of the trifunctional society (clergy and nobility) had a declining numerical significance between the 16th and the 18th century. In Japan, the numerical strength of the high nobility (daimyo) and of warriors endowed with fiefdom was significantly higher than that of shinto priests and monks, but it dropped significantly between 1720 and 1870, according to the censuses conducted in Japan during Edo era and at the beginning of Meiji era. **Sources and series:** see piketty.pse.ens.fr/ideology (figure 9.3).

- In effect, this induced an acceleration of trifunctional-proprietarian transition & the modernization trajectory in Japan
- « **Burakumin** » in Japan (**quasi-untouchables**, see [Carré Annales HSS 2011](#)) were gradually integrated into the rest of society via modernization and the rise of the social and educational state in late 19c and early 20c
- **Japan 1870-1940: very different strategy of development and social integration than India under British rule** (colonial British rulers were happy to divide and rule Indian society and did not care much about equality, education and social integration, unlike Japanese rulers in Japan)
- Different trajectories and bifurcations are possible: **the development state can put an end to historical prejudice and discrimination**
- **Roms in Europe**: massive prejudice until today (comparable to Dalits in India) (=ex-serfs and slaves not integrated following emancipation in Romania 1865)

Trifunctional ideology, imperial regime & colonialism in 19c Imperial China

- Imperial China: very weak state (tax revenues < 2% GDP), relying extensively on local elites (like in Europe until 16c-18c)
 - Confucian intellectual-landowning elite vs Mandchu warrior elite
 - Same ternary logic as Europe, India, Japan, Iran, etc. (but Confucianism was more a civic religion than a religion in the Christian, Hindu or Muslim sense)
 - Very competitive exam to become top civil servants (*mandarins*)
 - But 50% of the central govt positions were reserved for Mandchu warrior class (with their own dedicated channel for appointment)
 - Out of the 50% of the seats opened through the standard exam, about half of the candidates were allowed to buy the shengyuan (bachelor degree) required to take the exam (see e.g. H. Yifei, [Social Mobility & Meritocracy: Lessons from Chinese Imperial Civil Service Examination](#), CalTech 2016)
- fragile mixture of intellectual, proprietarian and warrior-class ideology

- **Legitimacy of imperial elites strongly damaged by Opium wars (1839-1842 and 1856-1860) and especially by Taiping revolt (1850-1864):** 20-30 million people killed (>WW1). Taiping ideology: mixture of egalitarian land reform and Christian messianism. Major threat to the imperial regime, which might not have survived without the final support of European powers.
- Military defeat against Japan 1895, Boxers revolt 1899-1901 → final loss of legitimacy of imperial regime → 1911 Revolution
- Constitution of 1911: proprietarian-conservative republic (Mandchu warrior elite is suppressed, but intellectual-proprietarian elite is maintained, with no redistribution of land toward poor peasants)
- Civil war & colonial Japanese-European occupation 1911-1949 → Communist victory, People's Republic of China established in 1949
- **Like Russia, China shifted almost directly from trifunctional ideology to communist ideology during 20c**

- **General lesson (lectures 1-4): large diversity of modernization trajectories.**
The feudalism-capitalism transition (French Revolution, invention of modern property) is only one of many possible trajectories and often involves more complex evolutions (British Lords, Swedish voting rules, etc.). Key role of slavery & post-slavery trajectories (US, Brasil, Africa) and colonial & post-colonial bifurcations (India, Iran, Japan, China, etc.).
Politics & ideology about the inequality structure matter: crisis & revolutions come again and again and can lead to many different alternative legal regimes & socio-economic systems.
- **See lectures 5-6** on the fall of proprietarian and colonial societies during 20c and the rise of social-democratic, communist, post-communist and post-colonial societies in late 20c-early 21c