



MAPS CONTINUED ...

BOUNDARIES: AN INTRODUCTION

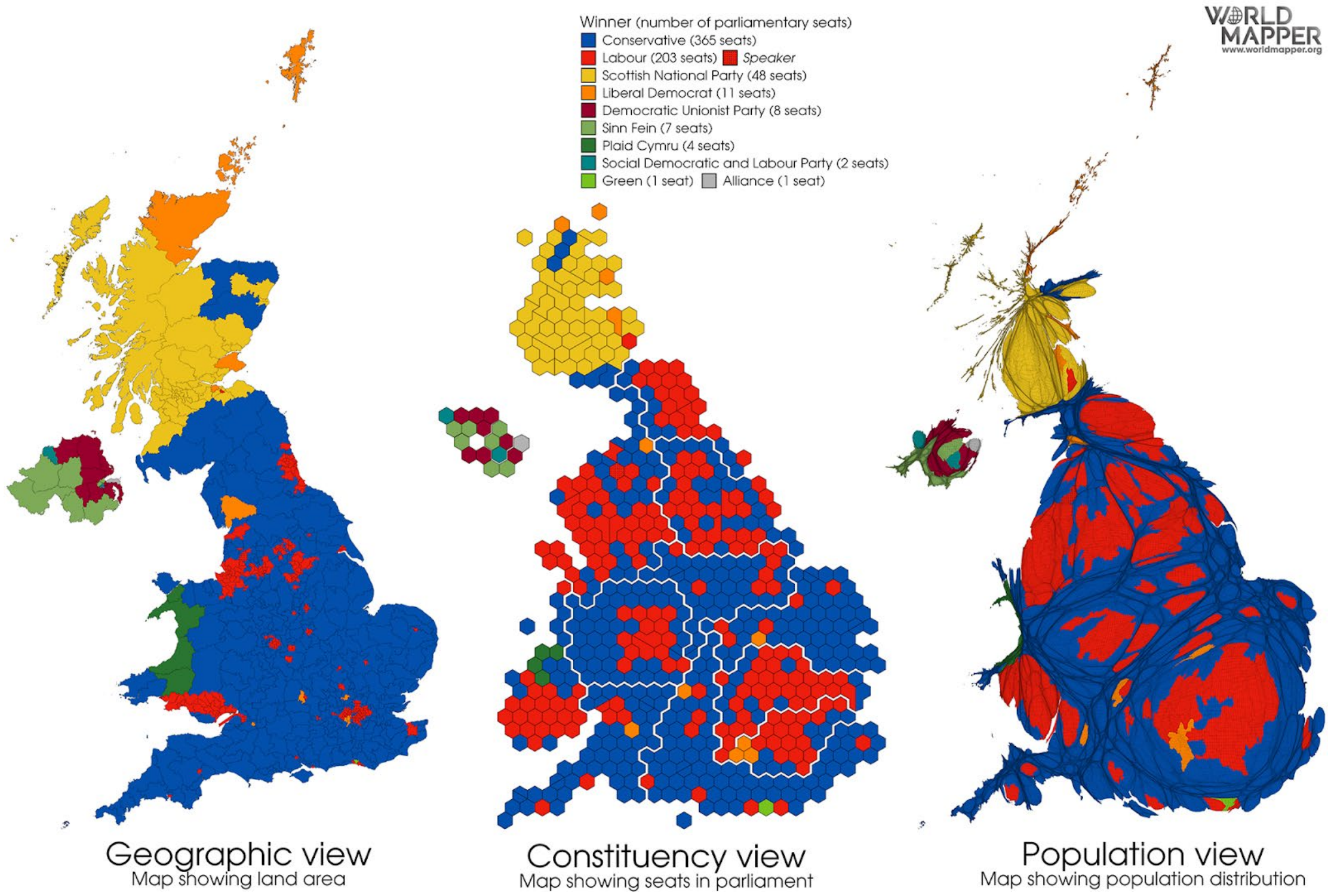
Dr Alexandra Anderson



A step-change in
quantitative social
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BOUNDARIES



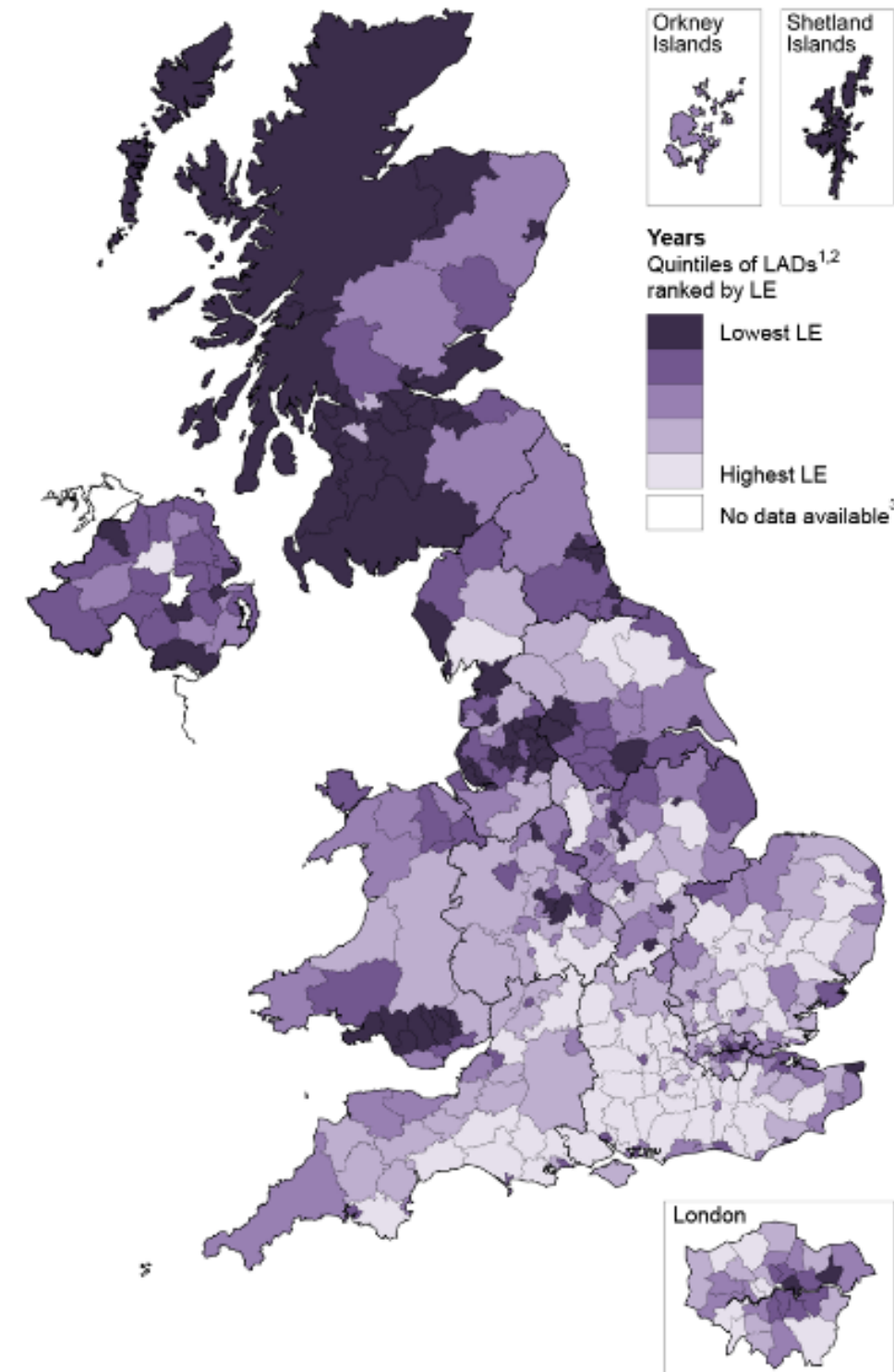
Source: Benjamin Hennig (2019). 'Cartographic perspectives of the 2019 General Election', in UK Election Analysis 2019: Media, Voters and the Campaign.

BOUNDARIES

POLYGON

Polygon mapping is the cartographic display of regularly or irregularly shaped polygons and their attributes.

Map 1: Life expectancy (LE) for males at birth by local authority district, United Kingdom, 2010-12



1 Local authority districts (LADs) include unitary authorities, London boroughs, metropolitan districts and non-metropolitan districts in England and Wales, council areas in Scotland and district council areas in Northern Ireland.
2 Each quintile comprises 81 LADs with the exception of the quintile with the lowest life expectancy, which has 80.
3 Life expectancy figures are not available for City of London or Isles of Scilly because of small numbers of deaths and populations.
Source: Office for National Statistics
Contains National Statistics data © Crown copyright and database right 2014
Contains Ordnance Survey data © Crown copyright and database right 2014

BOUNDARIES ARE ARBITRARY

- It's unusual for political boundaries to coincide with naturally-occurring ones
- Sometimes they co-occur with existing political boundaries; sometimes they don't.




Source: Wolrdometer

1878 TREATY OF BERLIN



Source: Wikimedia Commons



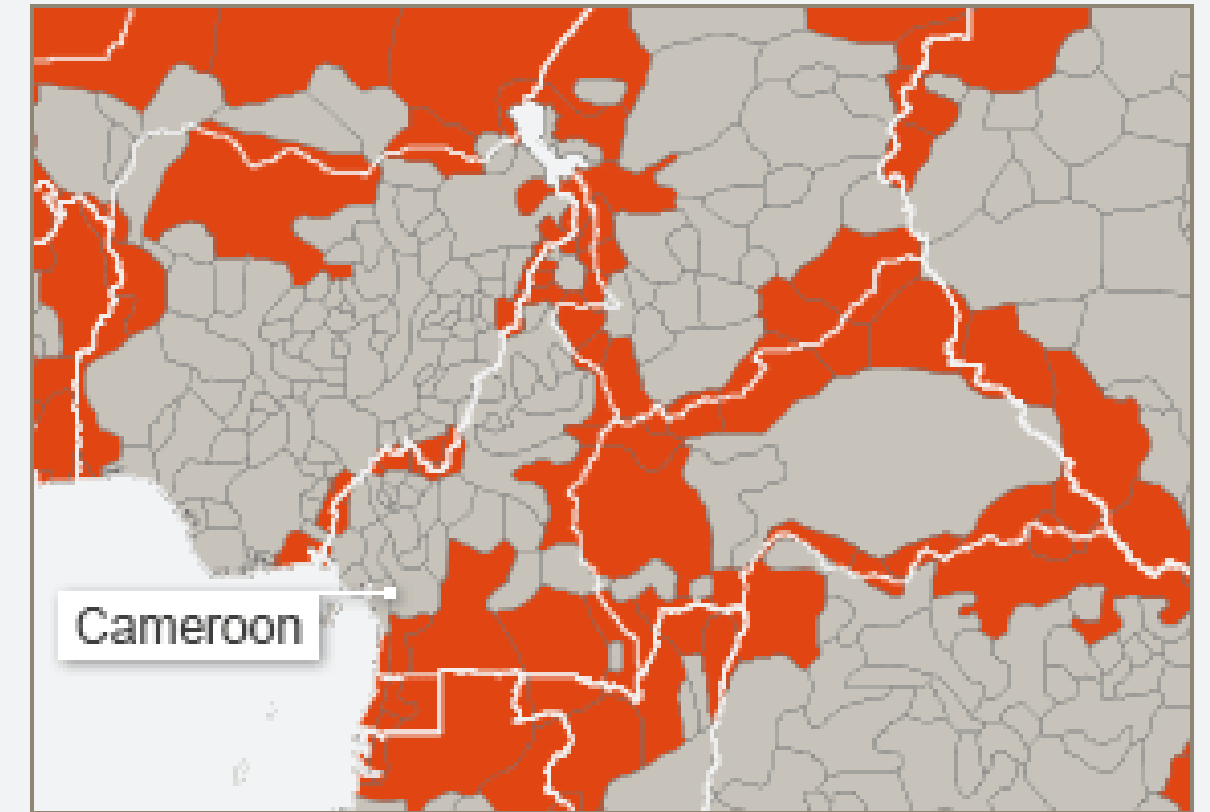
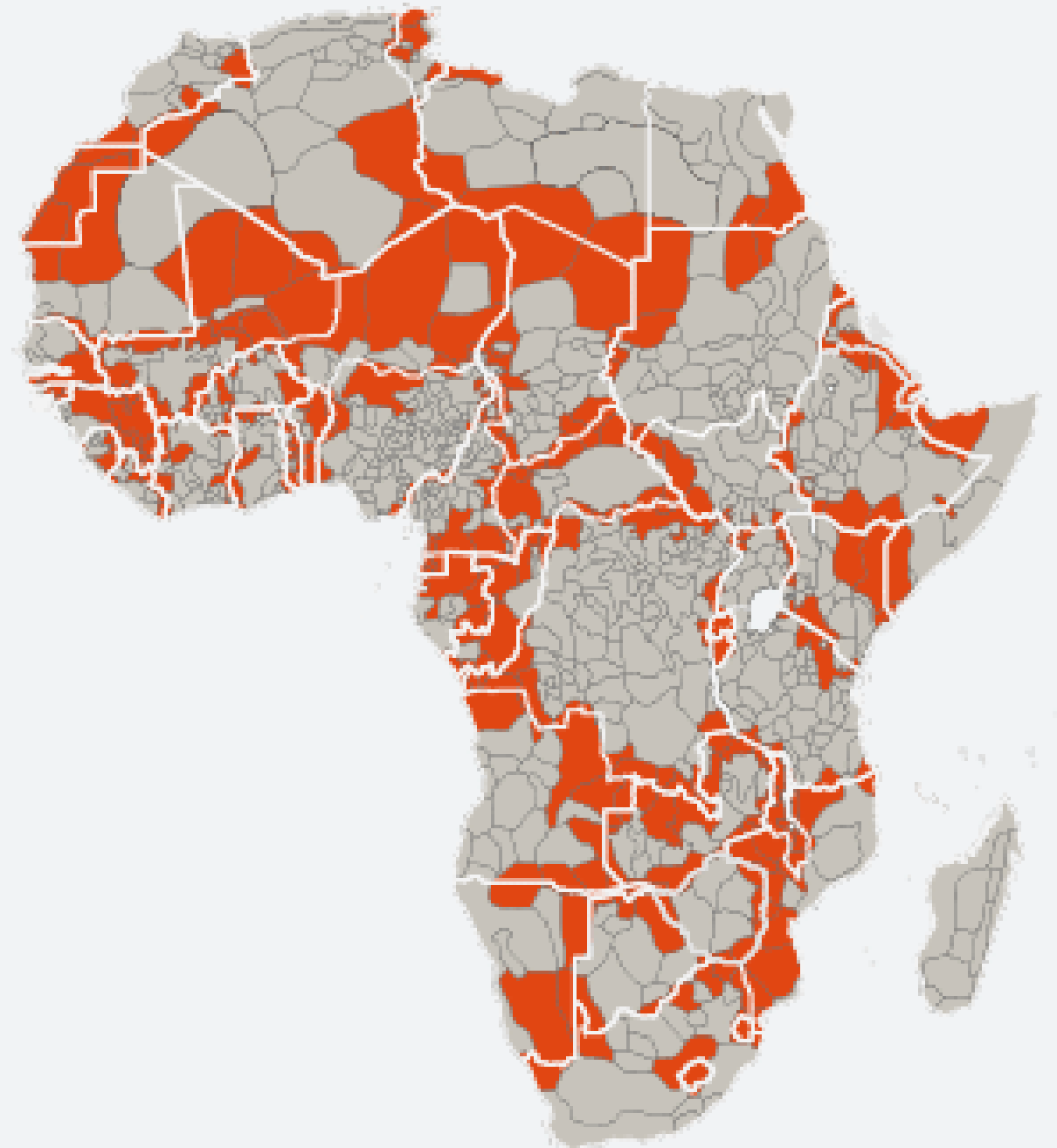
“WE HAVE BEEN GIVING AWAY MOUNTAINS AND RIVERS AND LAKES TO EACH OTHER, ONLY HINDERED BY THE SMALL IMPEDIMENT THAT WE NEVER KNEW EXACTLY WHERE THE MOUNTAINS AND RIVERS AND LAKES WERE.”

— LORD SALISBURY, BRITISH PRIME MINISTER,
1885-1892 AND 1895-1902.



1885 CONFERENCE IN BERLIN

Africa - ethnic homelands and national borders



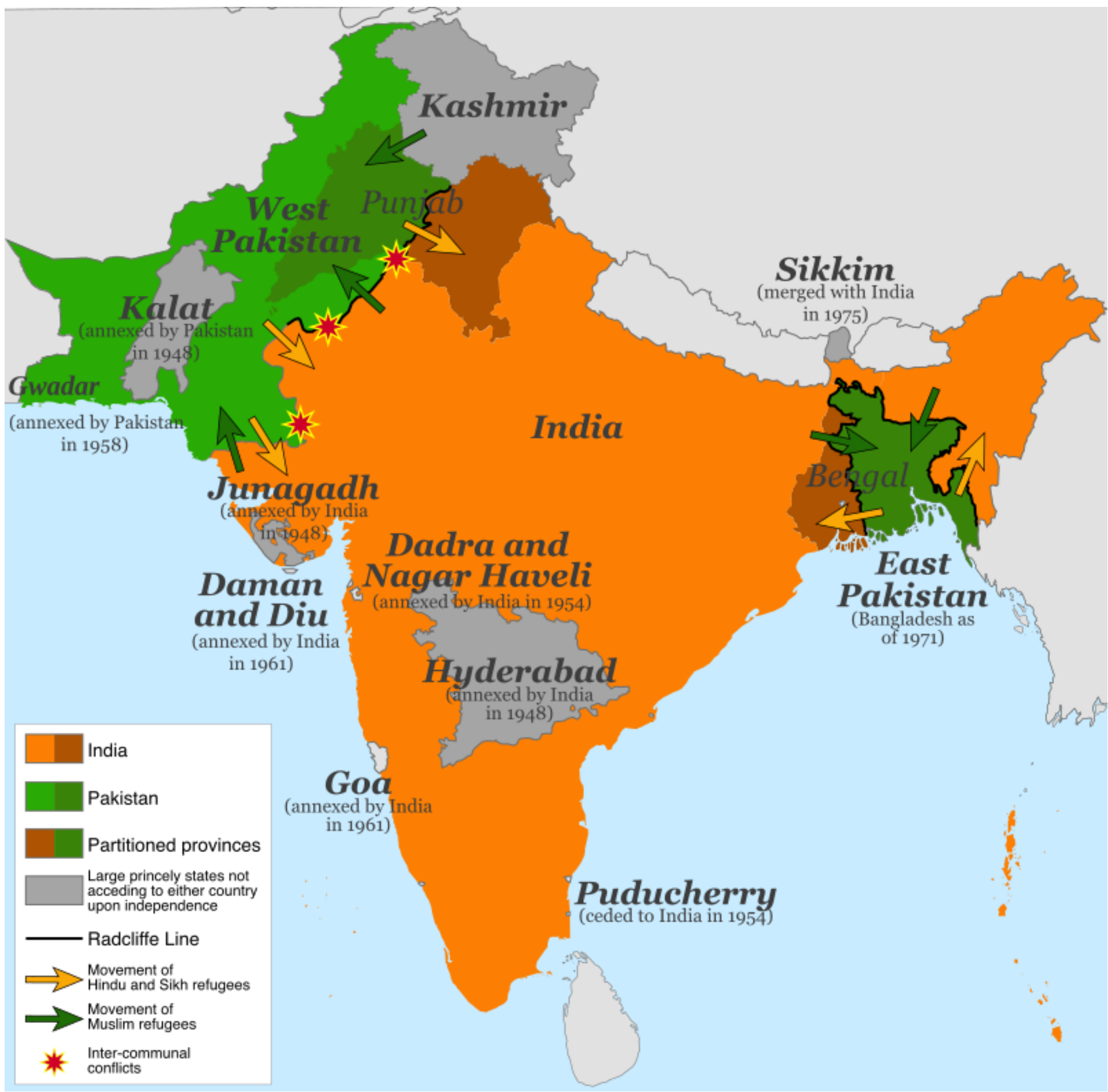
- White lines: national borders (2015); dark lines: boundaries of ethnicities before colonization
- Partitioned ethnicities

Source: S. Michalopoulos, E. Papaioannou: The Long-Run Effects of the Scramble for Africa | <http://www.nber.org/papers/w17620>

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1947 PARTITION OF INDIA



Source: Wikimedia Commons



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