

How demography shapes individual, social and economic transitions in Asia

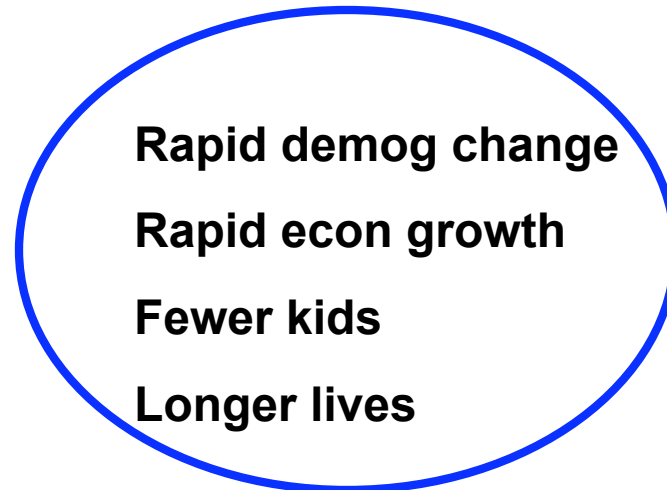
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Baby booms

Changing networks and culture



Gradients & inequalities

Individual ↔ Family ↔ State

KINSHIP NETWORKS

- Information
 - Marriage
 - Jobs
- Financial resources
- Religion & Culture
 - Migration

FERTILITY DECLINE →

THINNER KINSHIP NETWORKS

NETWORK SIZE ~ (TOTAL FERTILITY RATE)²

China	5+	1.8	And falling
India	5+	3	2, many states

*THINNER KINSHIP NETWORKS + RAPID
ECONOMIC GROWTH →*

- **New information sources**

(social networks, religious groups,
political groups, state)

- **Greater demand for services**

(child care, care of elderly, insurance)

Bigger roles for government and private sector

Communications & information

Pensions, Care of elderly

Credit markets

Insurance and annuity markets

CULTURE SHIFTS

Smaller families? YES

CULTURE DOES NOT SHIFT

Bias to male children? STRONGER

High sex ratios at birth, India, China

Rising. Rural, now urban

HUMAN CAPITAL

Education (Gov't and Private)

Health (Gov't and Private)

Inequality v. Growth (Gov't)

EDUCATION : RAPID GROWTH

China 15% annual growth in first university degrees awarded per year

India 5% annual increase in number of degree-granting institutions

ENORMOUS NEED

Tertiary enrolment is 5% in India, 10% in China

Number getting first univ. degree is higher in US

EDUCATIONAL INEQUALITIES

INDIA 1994 % ILLITERATE	MALE	FEMALE
URBAN	24	48
RURAL	54	52

HEALTH IMPROVES

Longer Lives 65 (India) 72 (China) 78 (US)

UNEQUAL IN DEATH

Chance of dying before age 40 is 17% (India), 7% (China),
< 2% (US)

UNEQUAL HEALTH

Children (0-5) underweight for age 47% (India) 10% (China)

HIGH INEQUALITY →

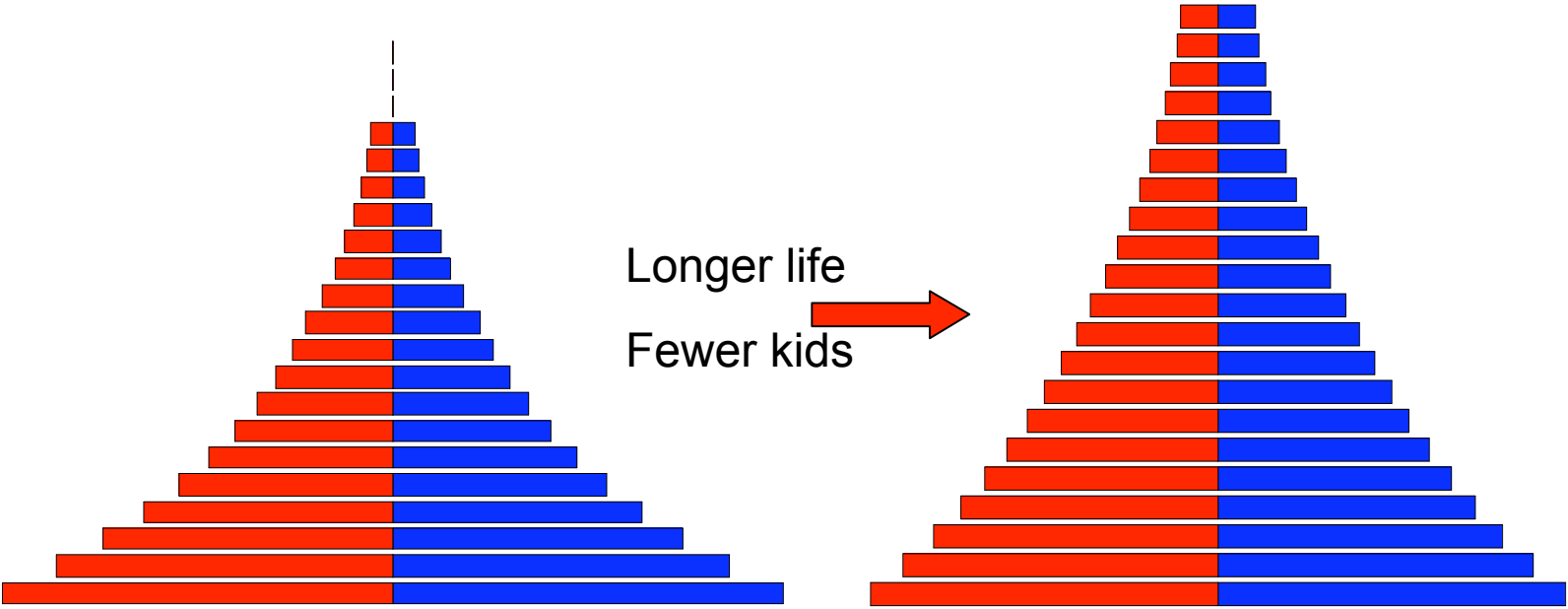
HETEROGENEOUS POPULATION

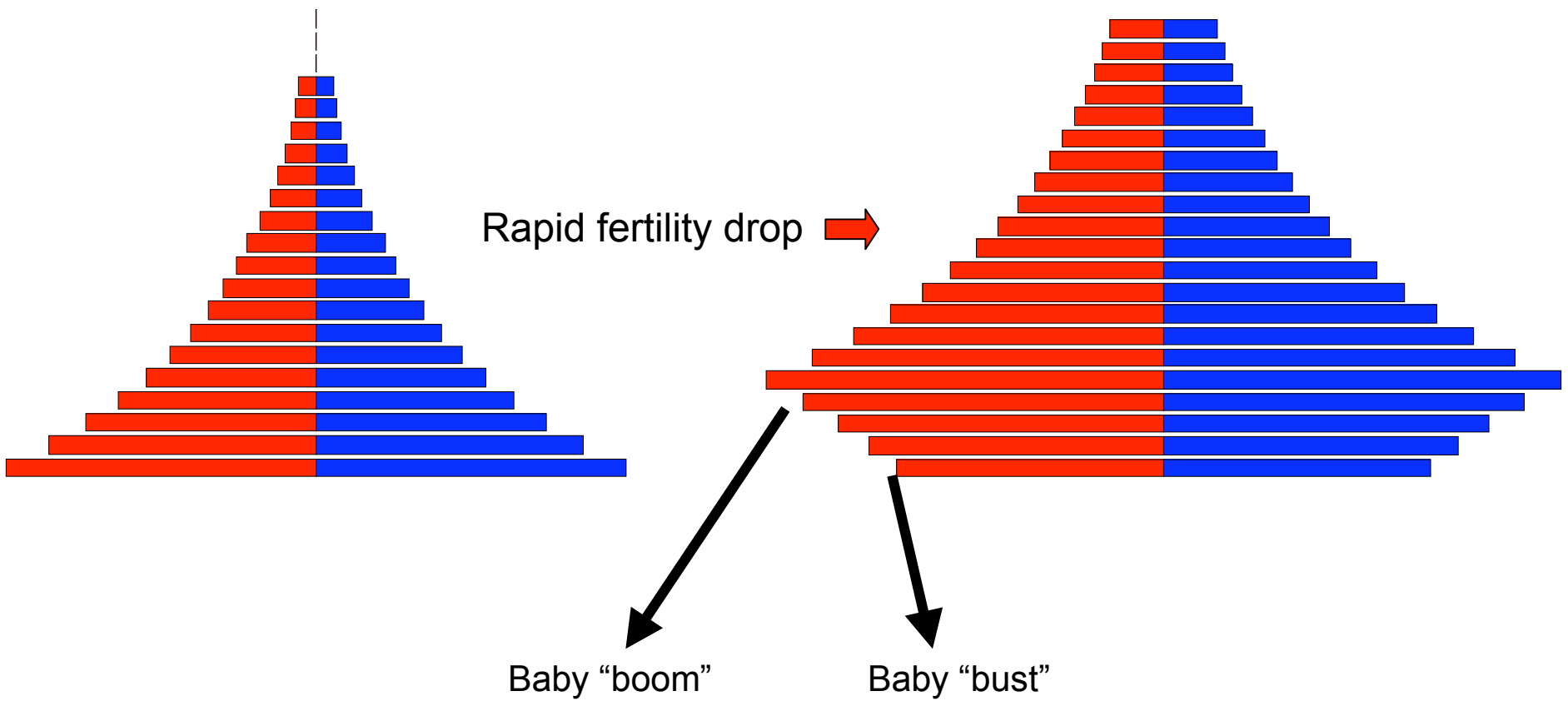
(by income/wealth, health, savings)

HETEROGENEITY AMONG OLD and YOUNG

EFFECTIVE DEPENDENCY RATIO VARIES

(by family, rural/urban, region)





BABY BOOMS (China)

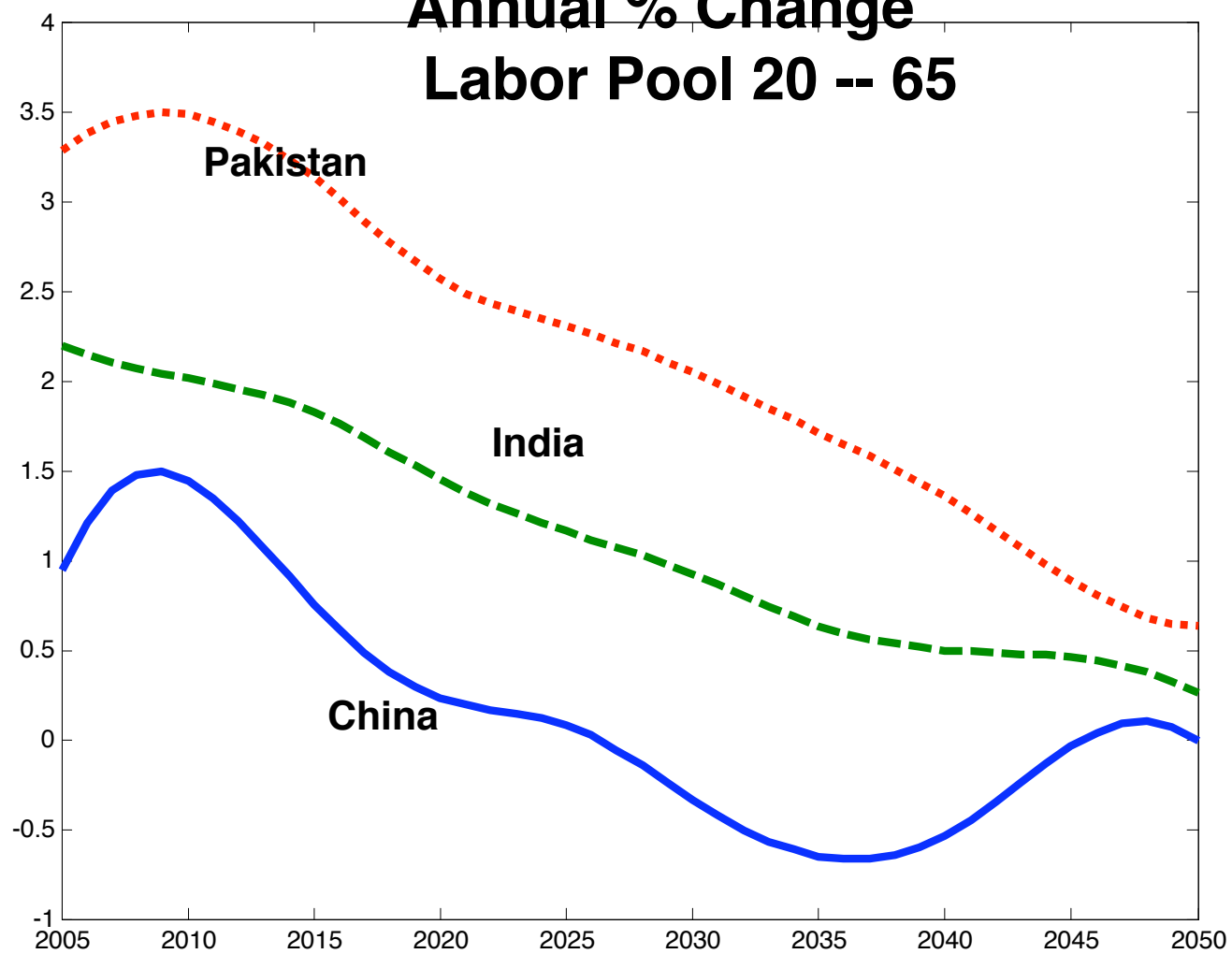
VS.

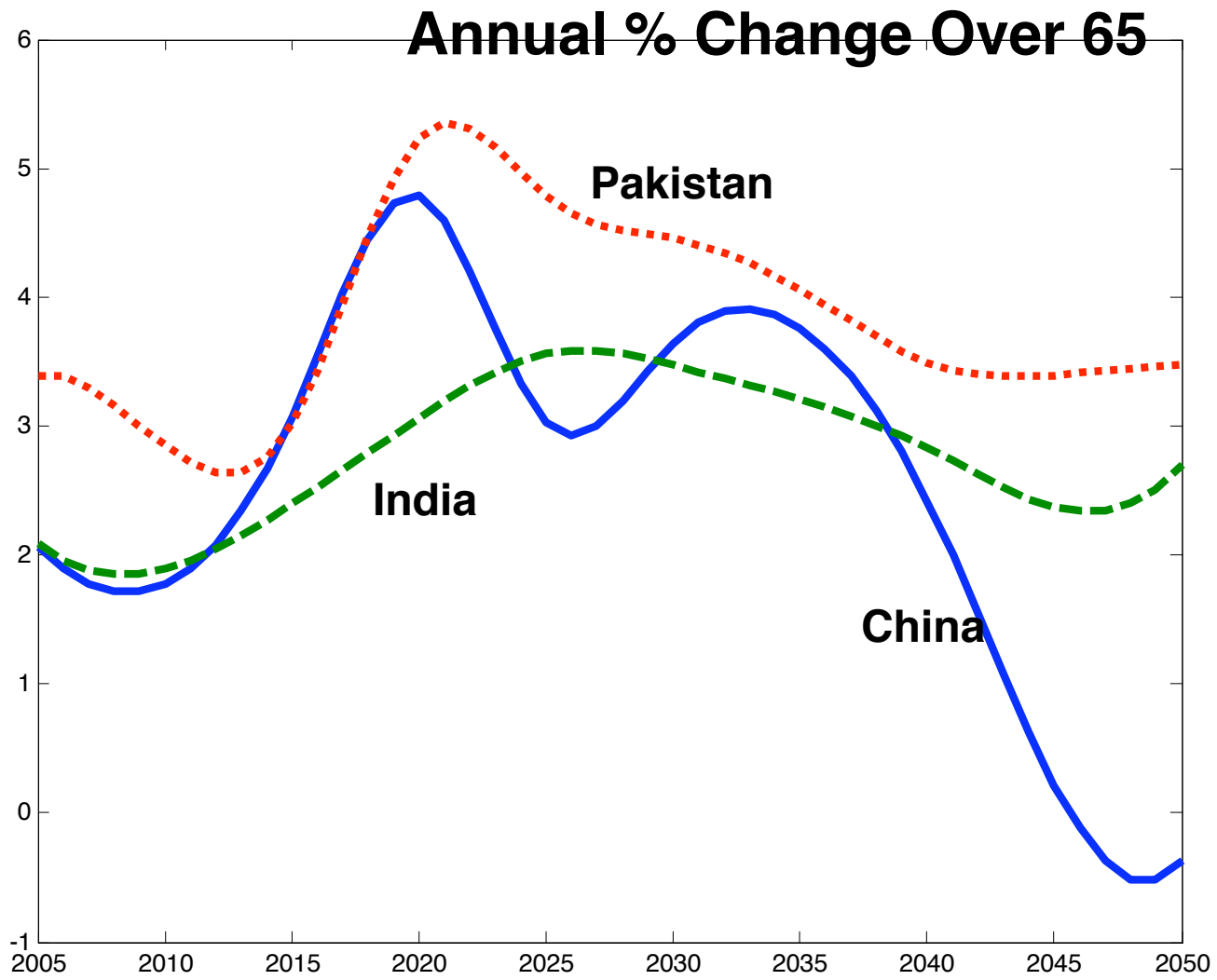
GRADUAL TRANSITIONS (India)

DYNAMICS NOT STABLE

**DEMOGRAPHY MORE PREDICTABLE
THAN ECONOMY (?)**

Annual % Change Labor Pool 20 -- 65





High fertility & mortality:

Classic age pyramid

