
State, Progress, and Gap in Asian Population Research

- Findings from The Asian Population Research Survey Project

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The logo for the Asian Demographic Research Institute (ADRI) features the letters 'ADRI' in a bold, white, sans-serif font. The letter 'A' is stylized with a vertical bar on its left side. The letters 'D', 'R', and 'I' are also bold and white. The background of the logo area is a dark blue gradient.

ASIAN DEMOGRAPHIC RESEARCH INSTITUTE
上海大学亚洲人口研究中心暨人口研究所

Motivation: Understand the Asian Population Research Communities

- Who are we?
- What and How have we been doing?

Motivation: Understand the Asian Population Research Communities

Definition – “Asian Population Research Communities”

1. Individuals/Institutions of Asian countries/regions who study population issues of Asia and other regions;
2. Individuals/institutions of all regions who study Asian population issues

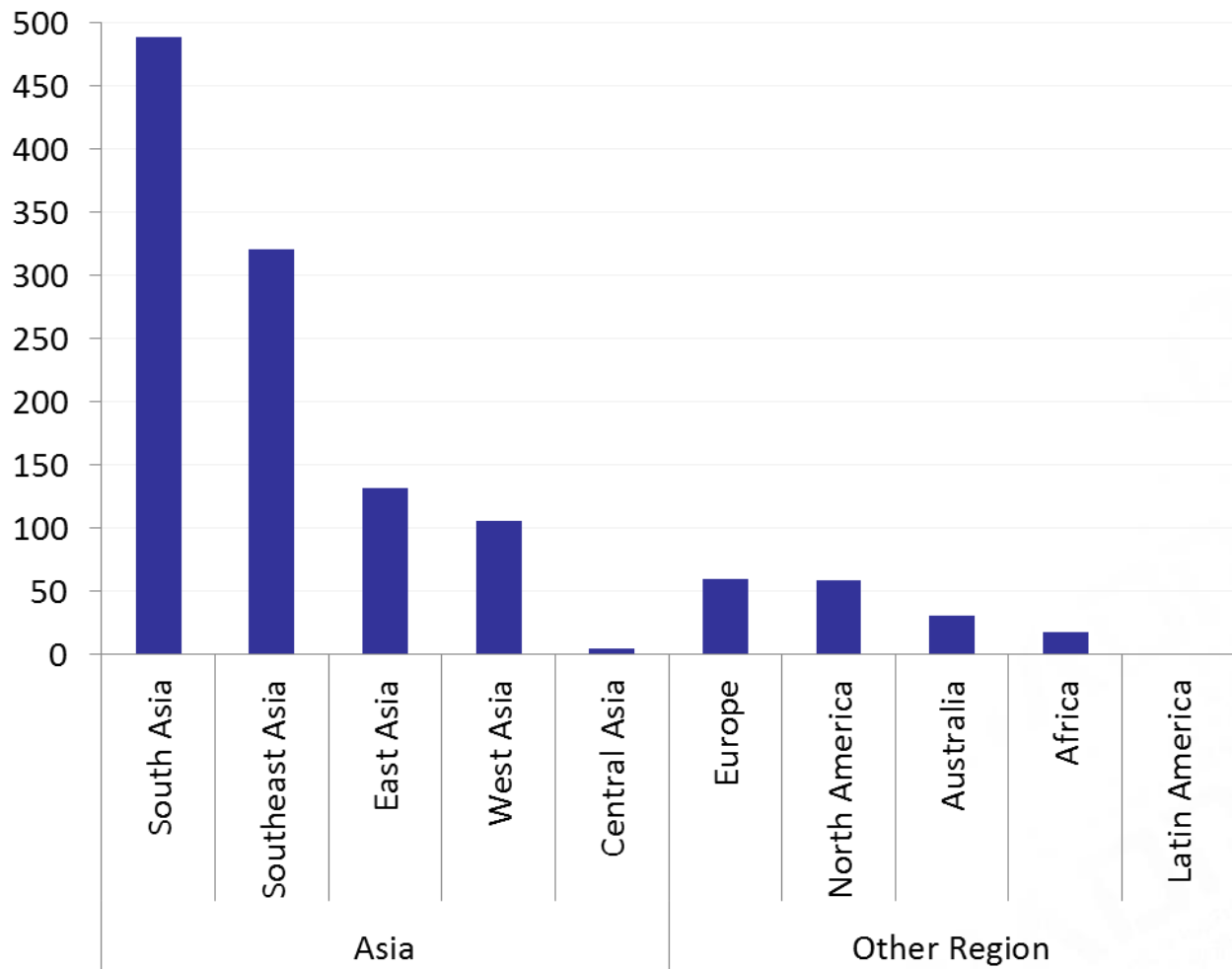
WHO WE ARE

- Where do we work?
 - Identify the main research institutes in the region
 - Invite Institutes to participate in the Forum and Asian MetaCentre for Population and Sustainable Development Analysis

- Data
 - Asian Population Association members
 - The 3rd APA Conference scientific program
 - APA 2013 member list

- Caveat
 - APA member distribution has regional bias (starting from South, West, and Southeast Asia)

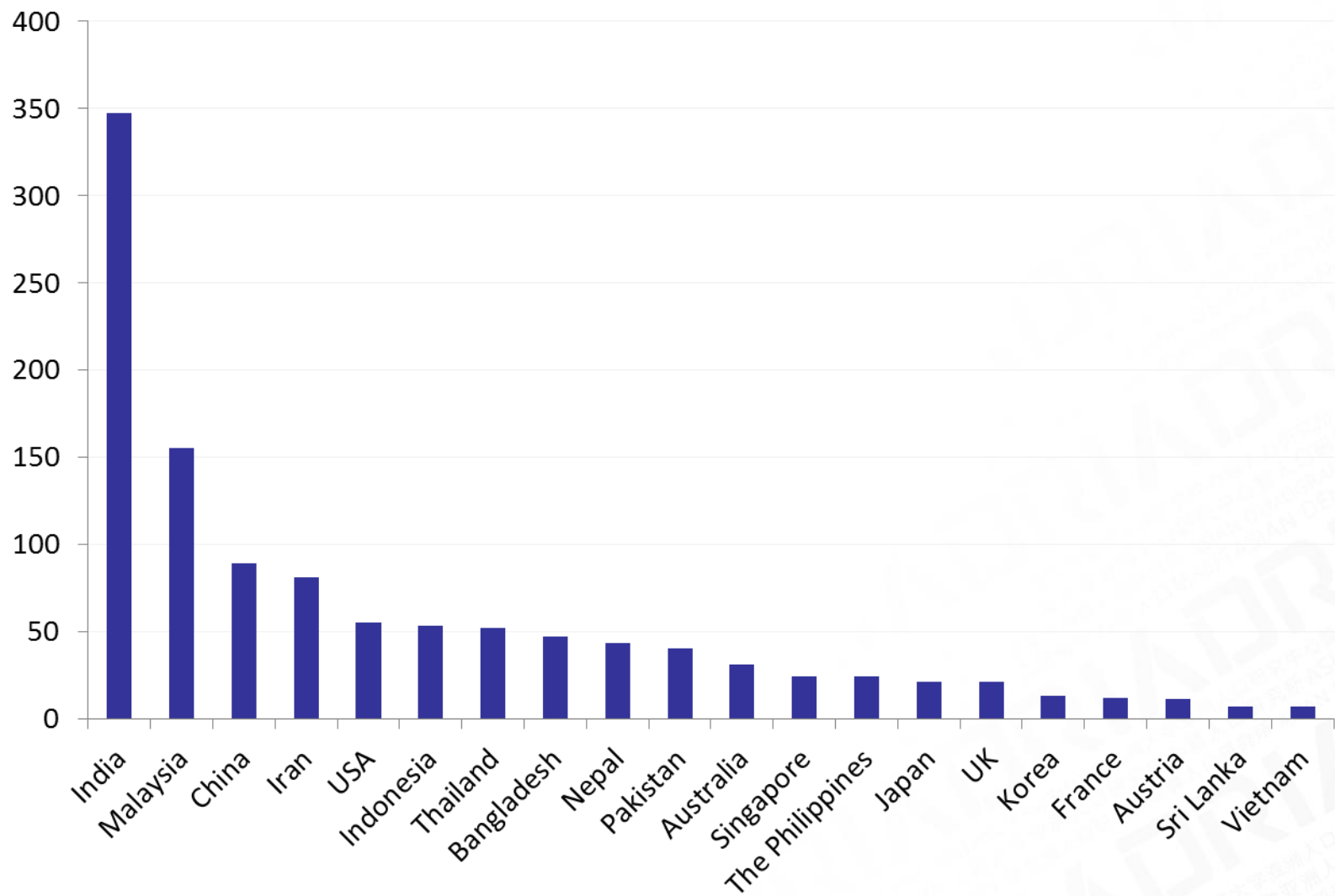
APA Members by Region



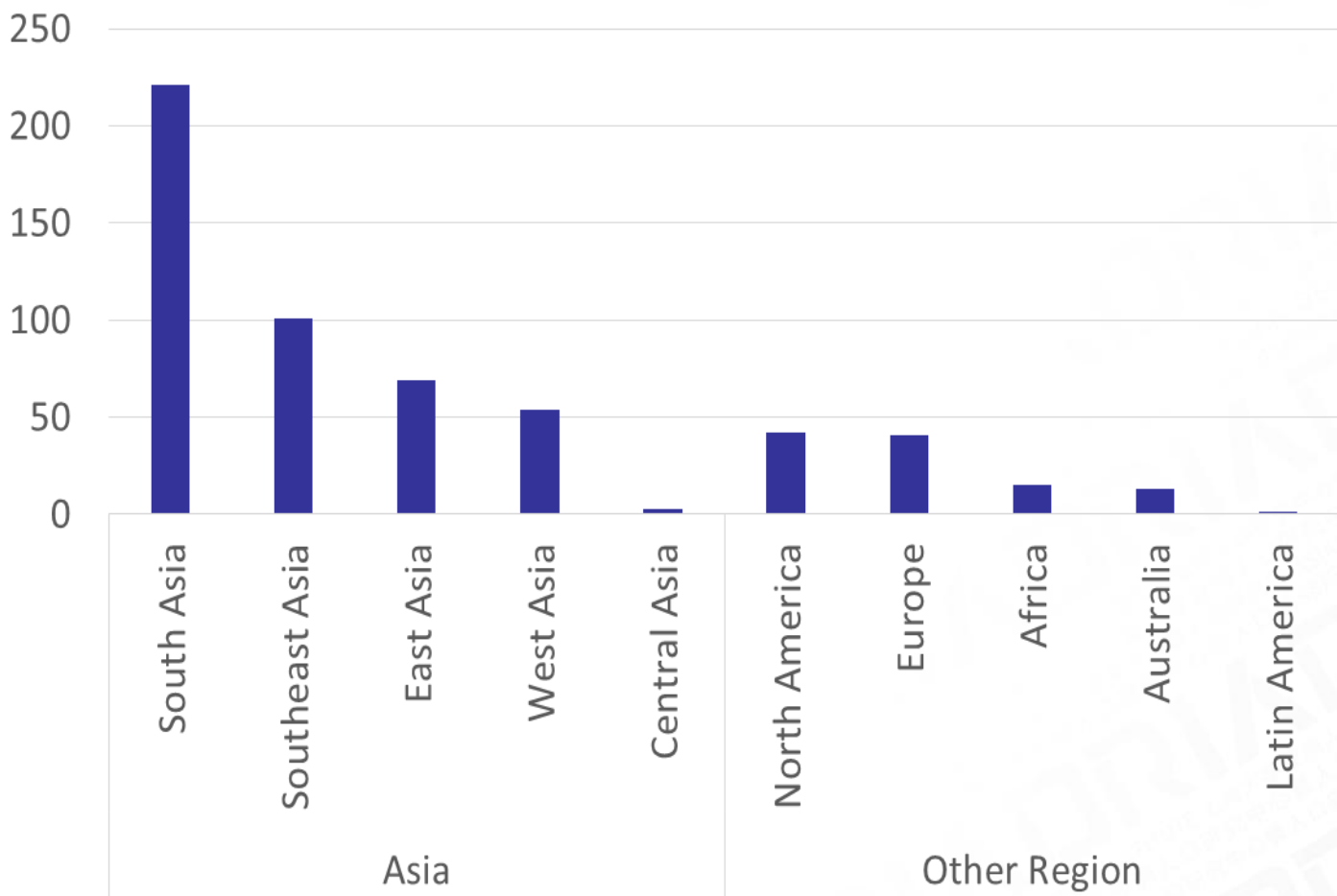
1230 members

- 40% South Asia
- 23% Southeast Asia
- 11% East Asia
- 9% West Asia
- 5 Central Asia
- 14% from outside Asia

APA Members by Country (top 20)



Population Research Institutes by Region



560 Institutes

- 40% South Asia
- 18% Southeast Asia
- 12% East Asia
- 10% West Asia
- 0.5% Central Asia
- 15% from outside Asia

WHAT AND HOW WE DO ?

Literature Survey

- Review publications in major international journals of population research
 - Papers study Asian population issues
 - Papers written by Asian scholars
- Language: English
- Survey period: since 2000

Title	Impact Factor/ 5year IF	SSCI/SCIE	ISSN	SJR Quartile	SJR
Demography	2.305/3.346	SSCI	15337790	Q1	2.146
Population and Development Review	1.667	SSCI	17284457	Q1	1.423
Population and Environment	2.585/2.143	SSCI	1990039	Q1	1.169
European Journal of Population	1.75/1.85	SSCI	15729885	Q1	1.202
Population, Space and Place	1.781	SSCI	15448444	Q1	1.257
International Migration Review	1.188/1.839	SSCI	1979183	Q1	1.288
Journal of Population Economics	1.109	SSCI	14321475	Q1	1.652
Demographic Research	1.047/1.516	SSCI	14359871	Q1	1.021
Population Studies	1.081/1.426	SSCI	14774747	Q1	0.82
International Migration	0.865/1.123	SSCI	14682435	Q1	0.618
Mobilities	0.922/ 1.991	SSCI	1745011X	Q1	1.046
Asian Population Studies	0.576/1.818	SSCI	17441749	Q1	0.539
Population Research and Policy Review	0.610/1.057	SSCI	15737829	Q2	0.377
Mathematical Population Studies	0.29/0.790	SSCI/SCIE	8898480	Q2	0.424
Population	0.459/0.610	SSCI	324663	Q2	0.246
Vienna Yearbook of Population Research	NA/NA	N	17285305	Q2	0.485
Journal of Population Research	NA/NA	N	14432447	Q2	0.444
Genus	NA/NA	N	166987	Q2	0.266
Journal of International Migration and Integration	NA/NA	N	14883473	Q2	0.264
Population Review	NA/NA	N	0032471X	Q3	0.264
Journal of Population Ageing	NA/NA	N	18747884	Q3	0.233
Asian and Pacific Migration Journal	NA/NA	N	1171968	Q3	0.187
Asia-Pacific Population Journal	NA/NA	N	15644278	Q3	0.176

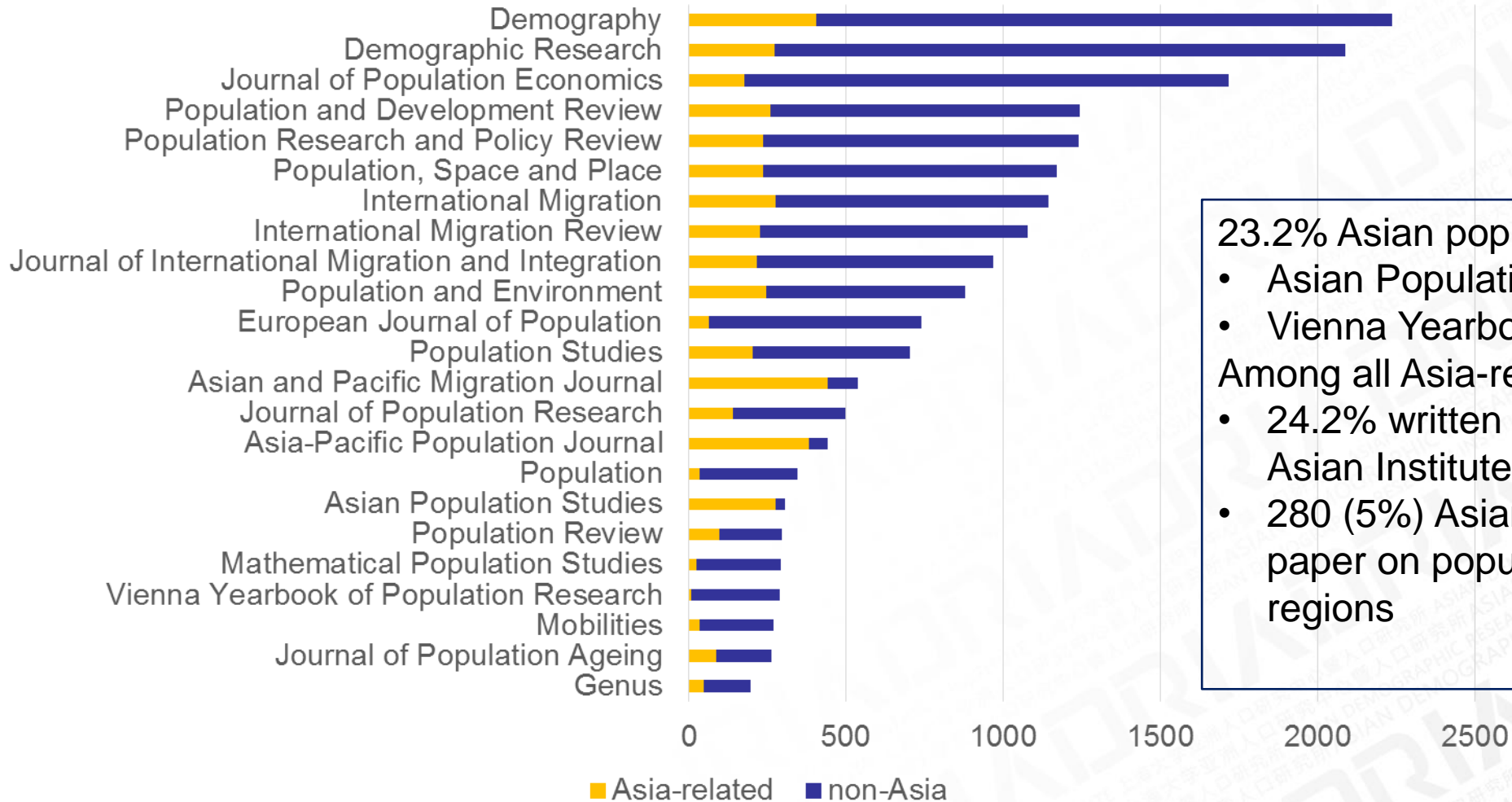
WHAT AND HOW WE DO ?

Dataset

- All papers: by journal, year, title, authors, keywords, abstracts
 - Captured from journal websites
 - Several journals copy/paste

Paper by journal

Total 18935 Papers



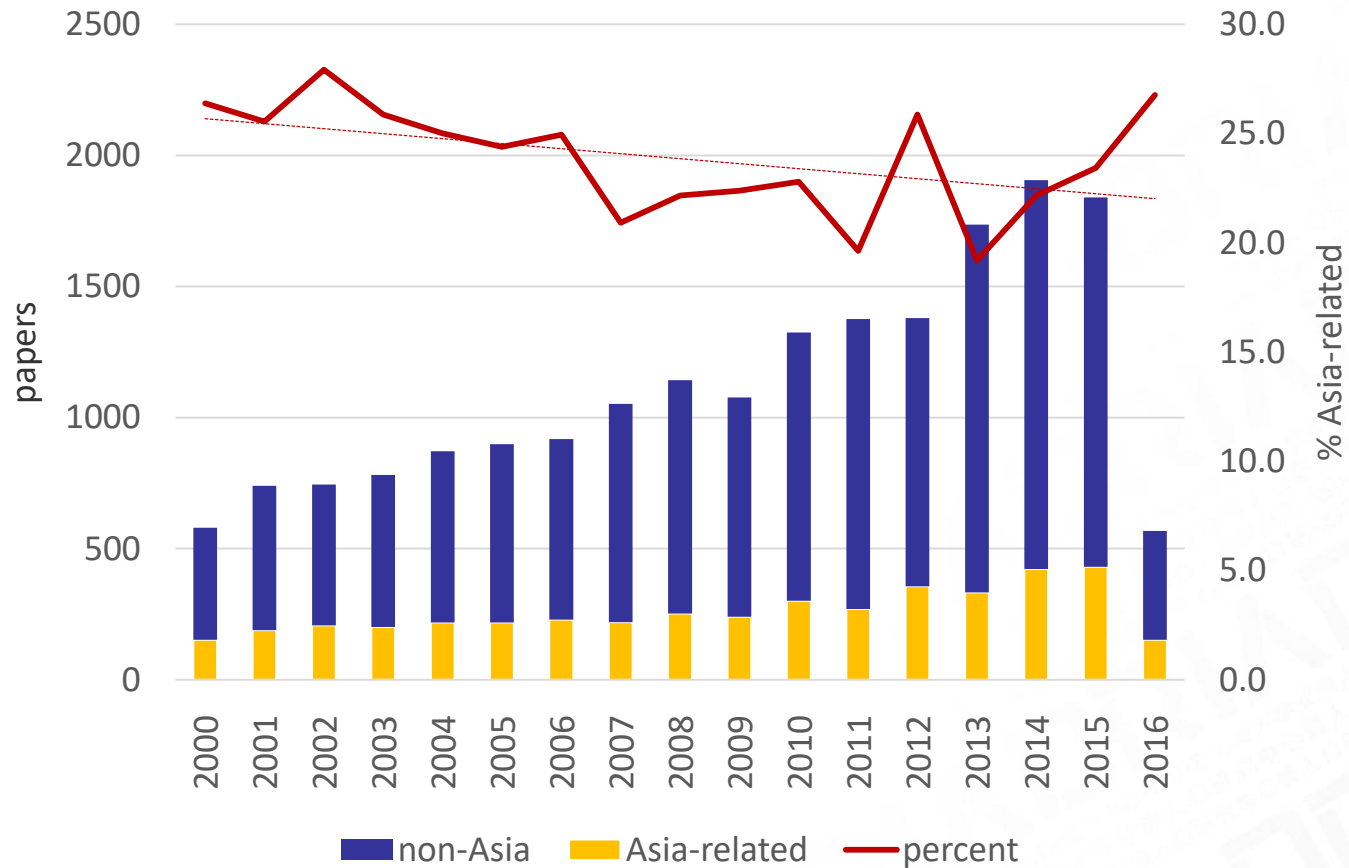
23.2% Asian population related

- Asian Population Studies 90%
- Vienna Yearbook 2.8%

Among all Asia-related papers

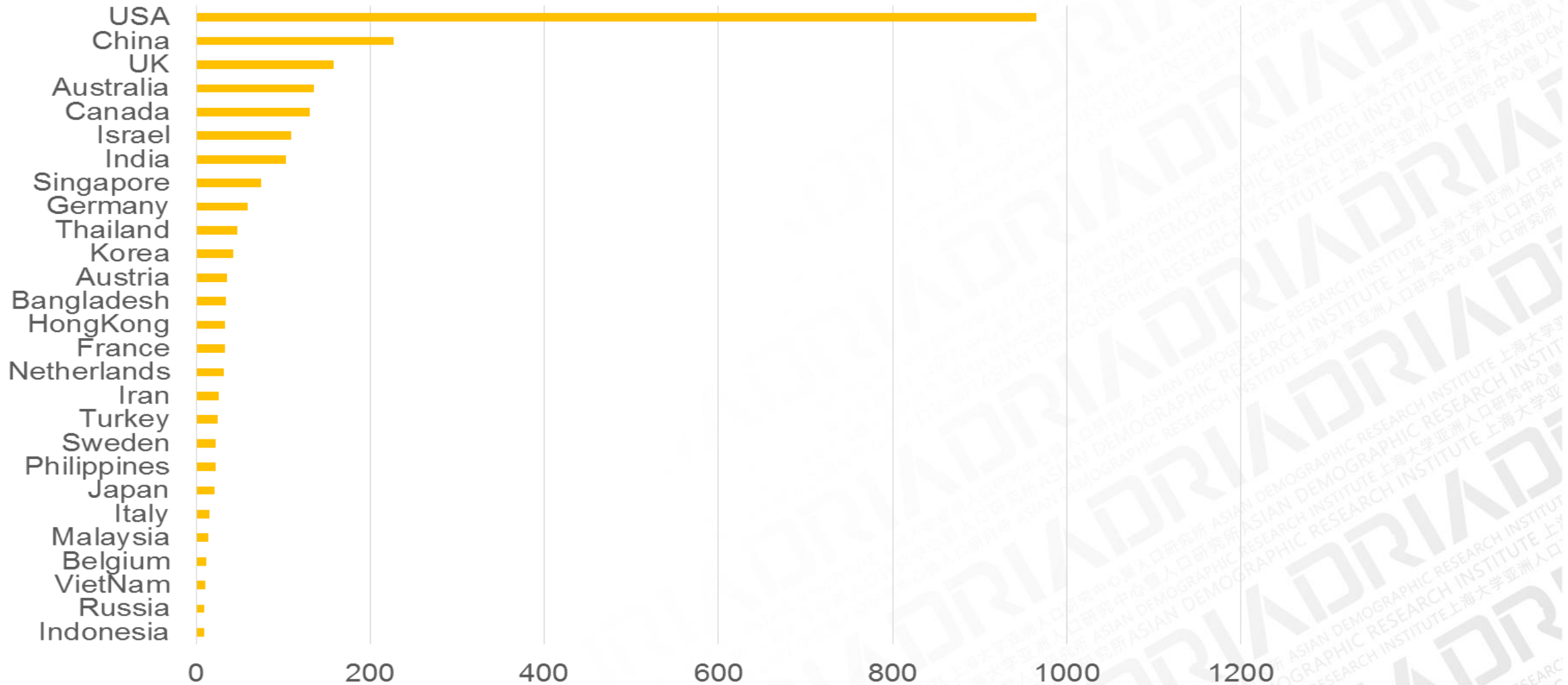
- 24.2% written by authors of Asian Institutes
- 280 (5%) Asian authors write paper on population of other regions

Paper over time

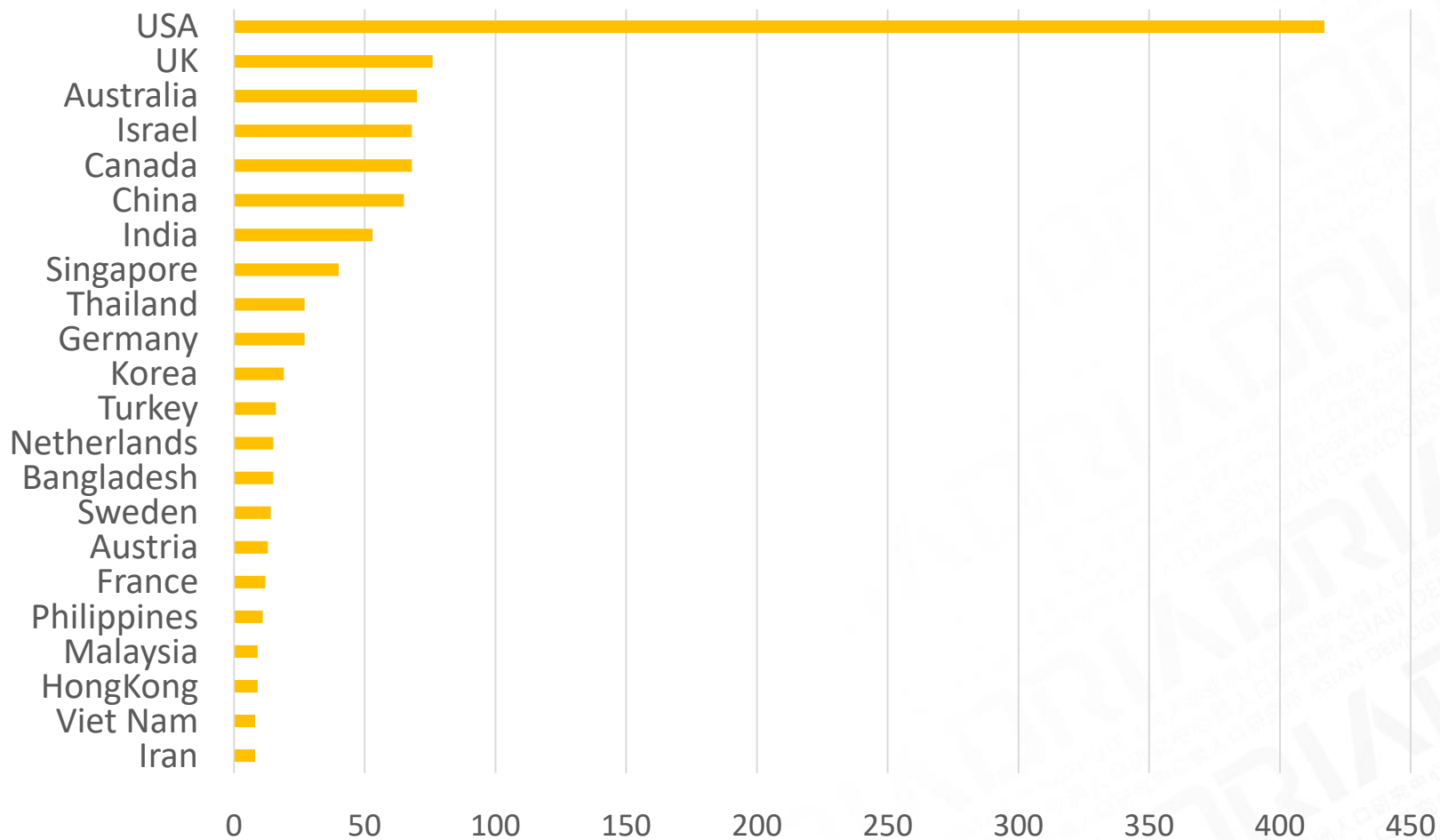


- Total number of Asia-related paper increased
- % Asia-related paper declined

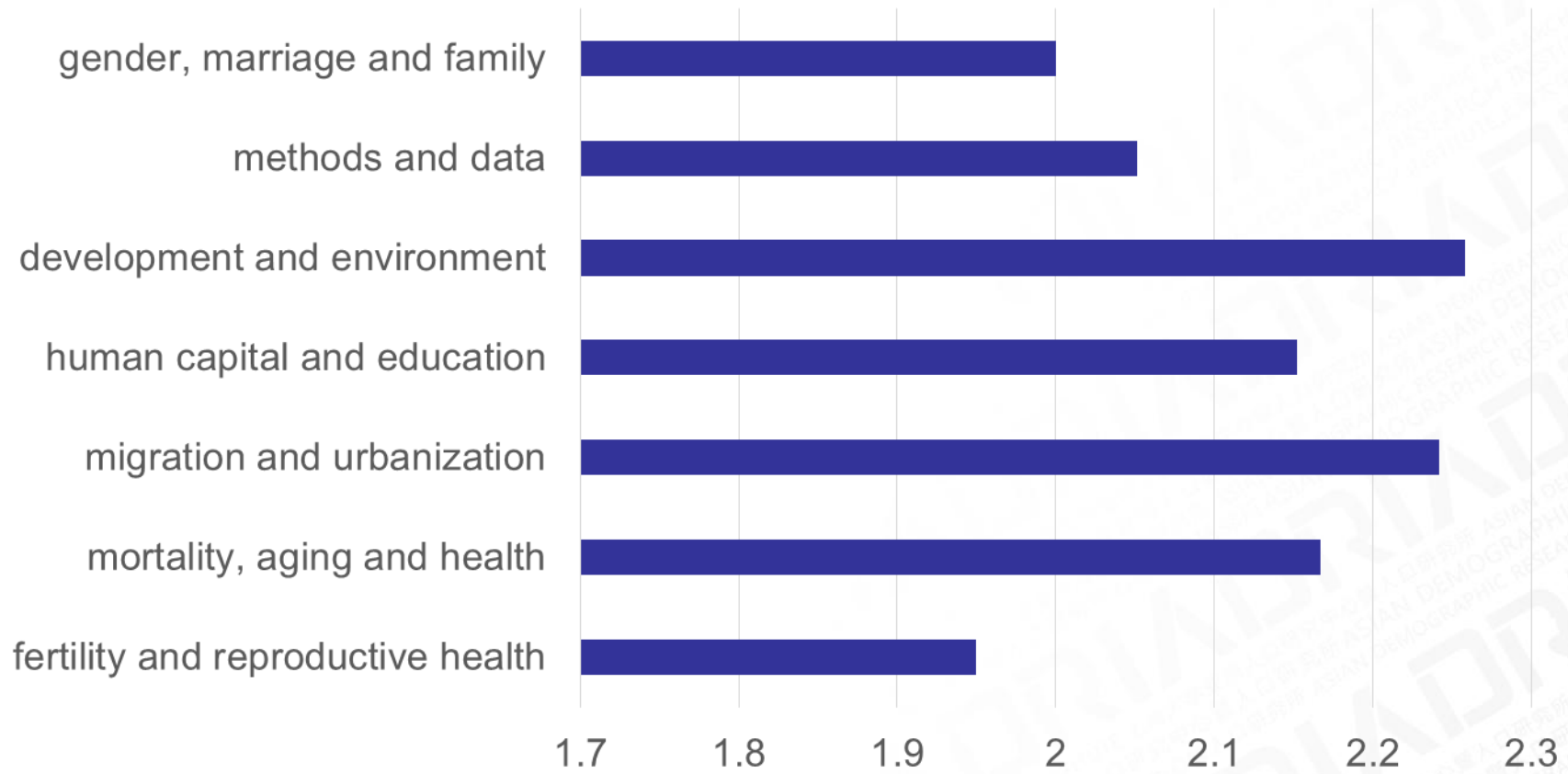
Asia-related Paper Authors by Country



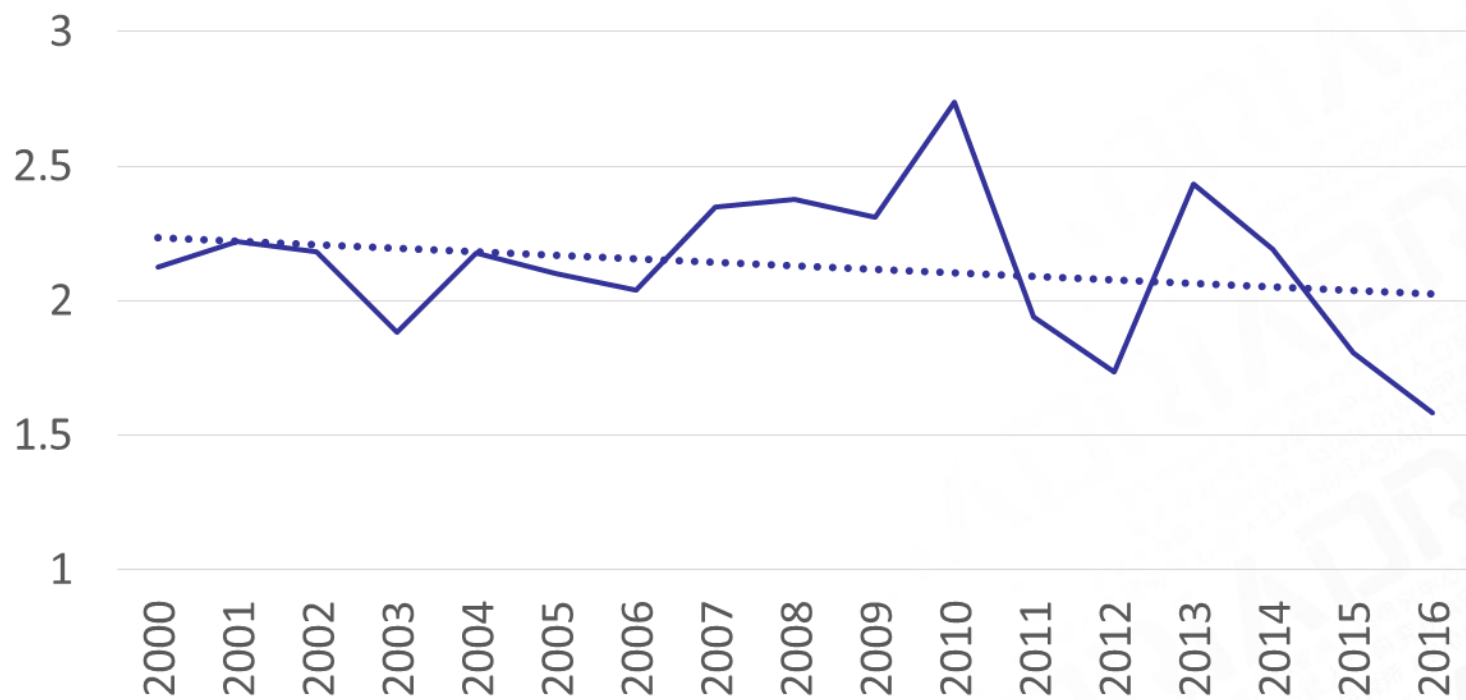
Asia-related Paper Lead-Authors by Country



Average number of authors per paper authored by Asian Scholar



Average number of authors per paper authored by Asian Scholar



WHAT TOPIC WE STUDY?

Define topics

- PAA, IUSSP, APA, EPC conference themes & sessions

Identify topics of paper

- Abstracts
- World Clouding and Topic Modeling methods, up to 5 topics
- Mode for main topics
- Adjusted by experts

Primary

fertility and reproductive health

marriage and family

mortality and aging

migration and urbanization

methods and data

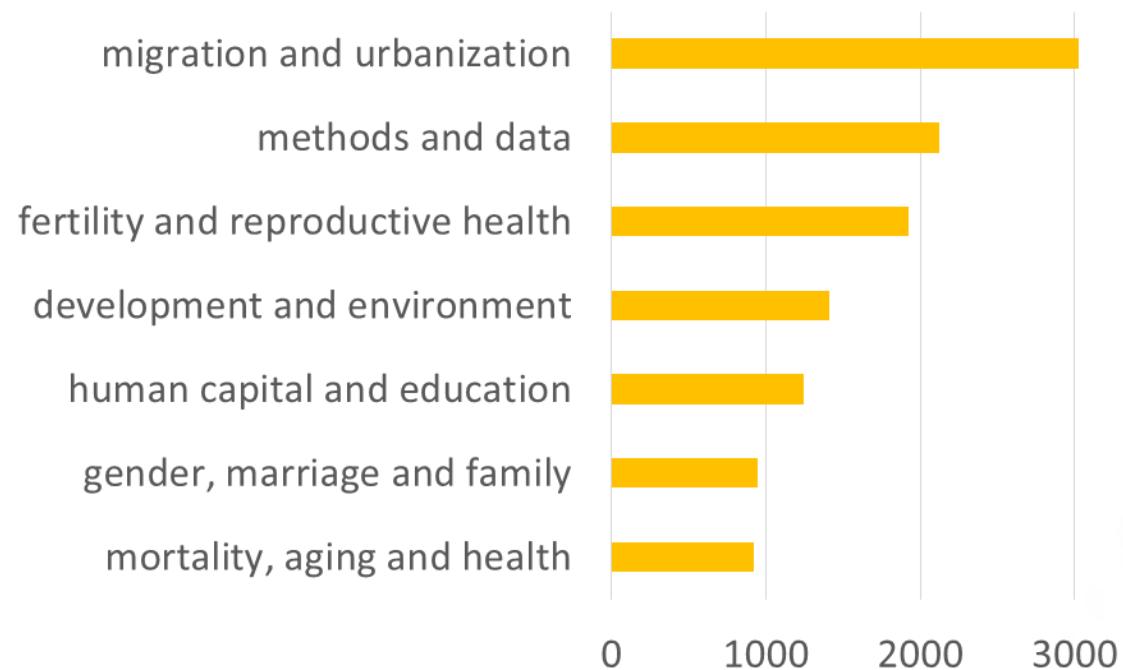
development and environment

Secondary

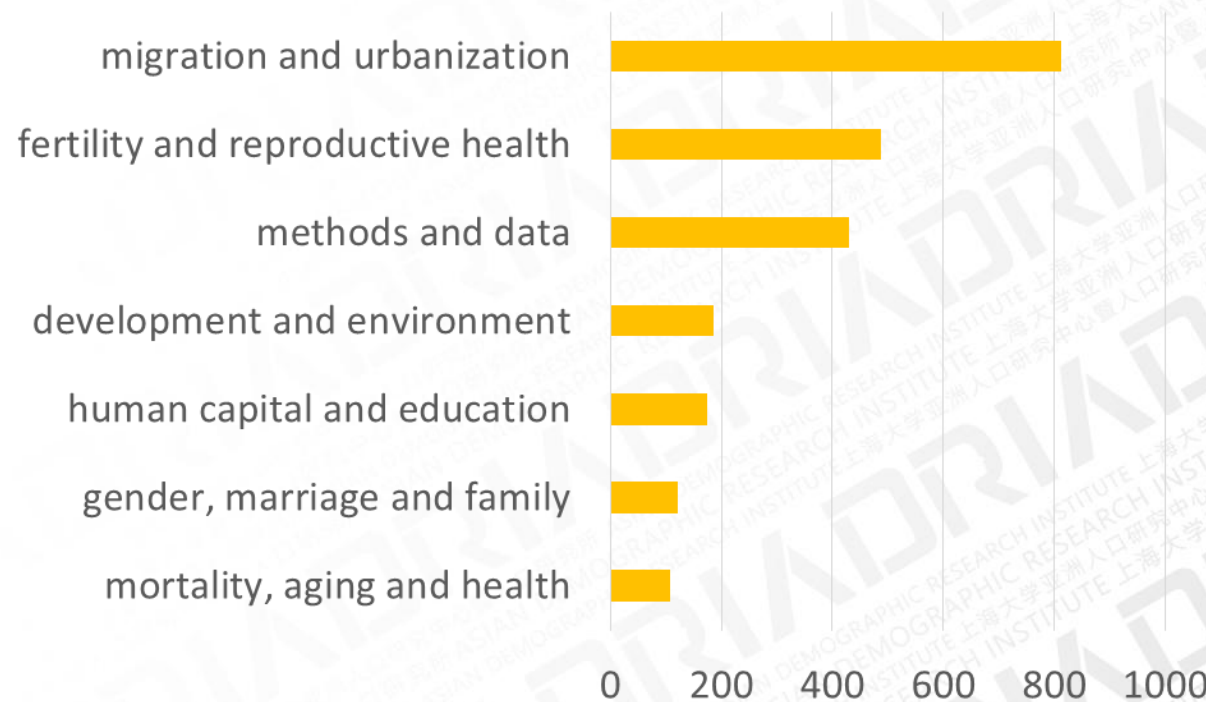
fertility and fecundity
 family planning and reproductive health
 sexuality, STDs, HIV/AIDS
 gender, race, and ethnicity
 marriage, union formation
 children and youth
 family and household
 life course
 mortality, morbidity, and cause of death
 ageing, health and longevity
 intergenerational relations, family support
 International migration
 Internal migration
 urbanization
 demographic theory
 demographic methods
 demographic data
 applied demography
 historical demography
 spatial demography
 population and economics
human capital and Education
 poverty and inequality
 population and the environment
 climate change

WHAT AND HOW WE DO ?

All topics

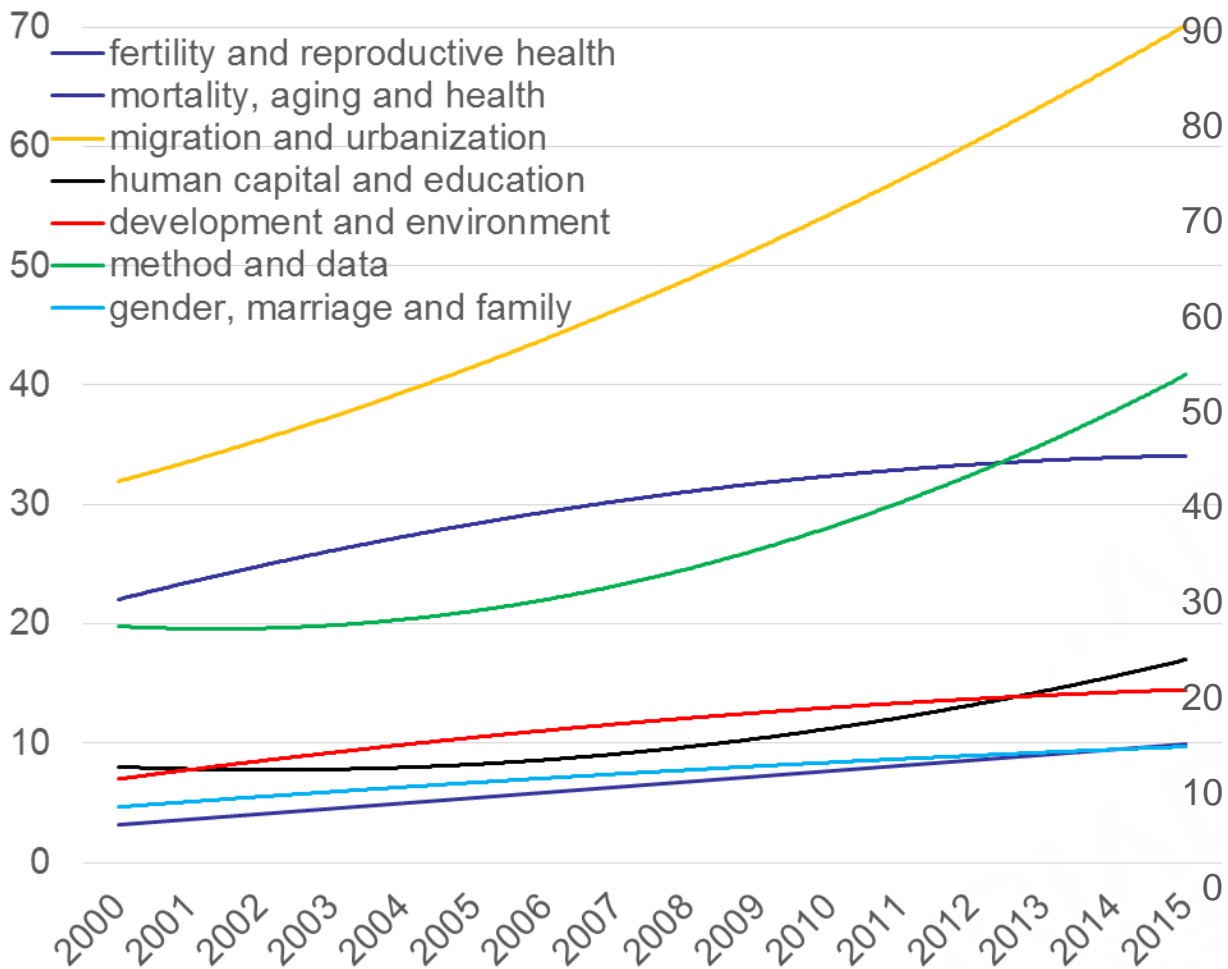


Main topics

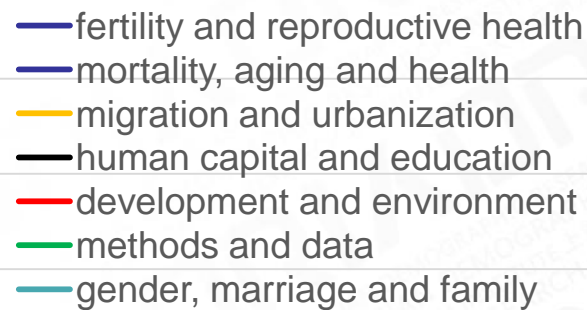


WHAT AND HOW WE DO ?

Main topics of all papers



Main topics of papers by authors of Asian inst.



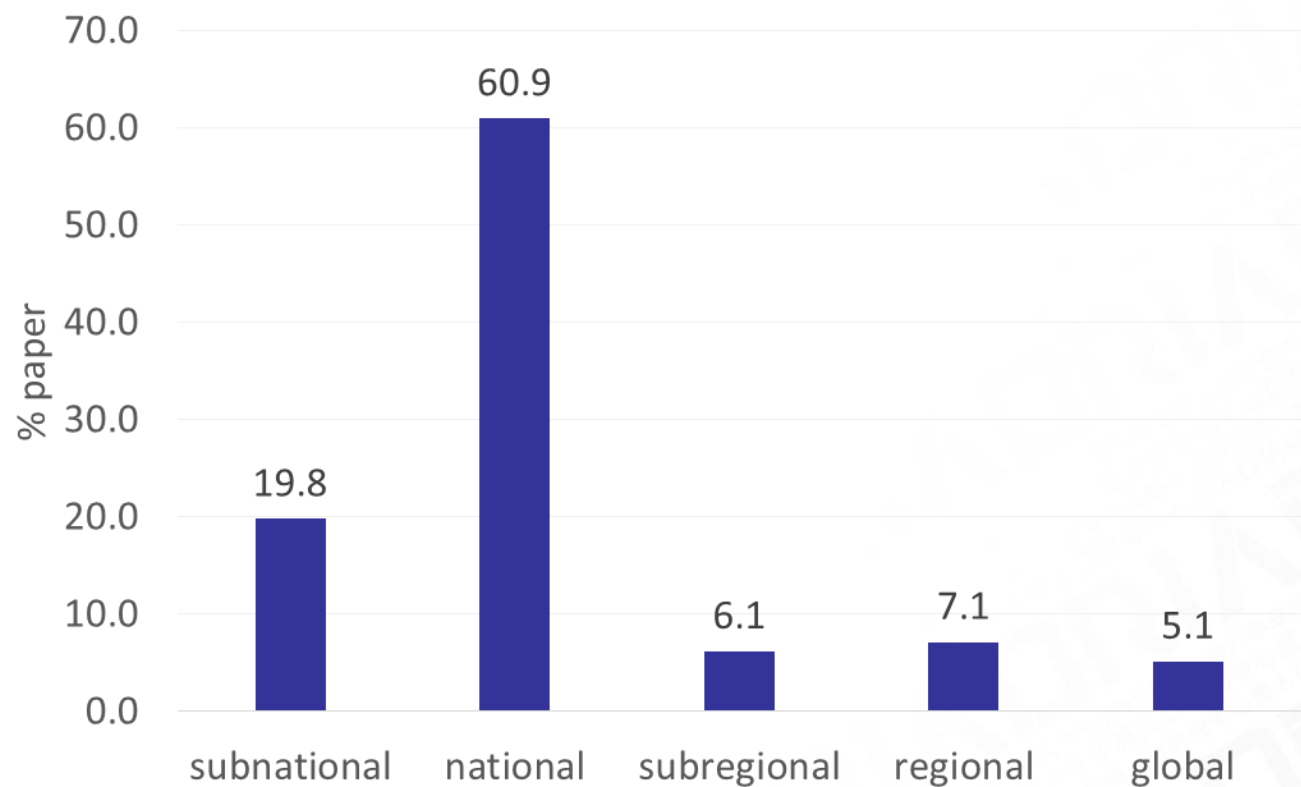
2000-04

2005-09

2010-

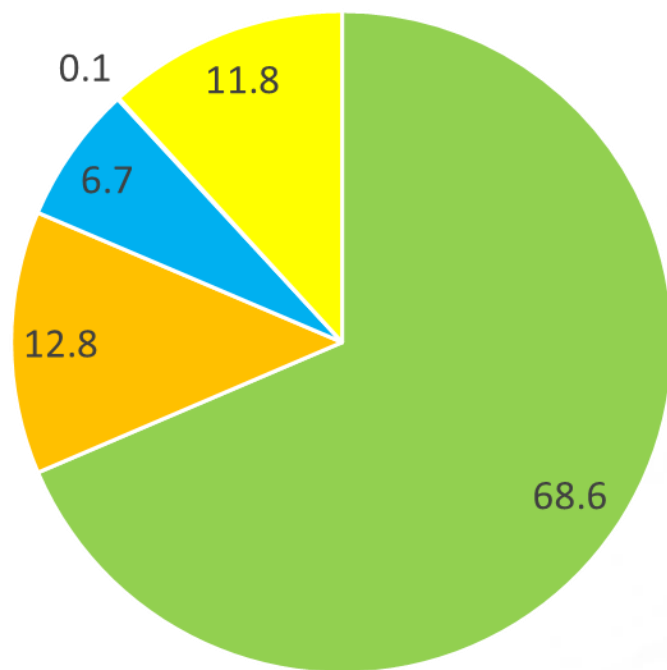
WHAT AND HOW WE DO ?

Scale of Study:



WHAT AND HOW WE DO ?

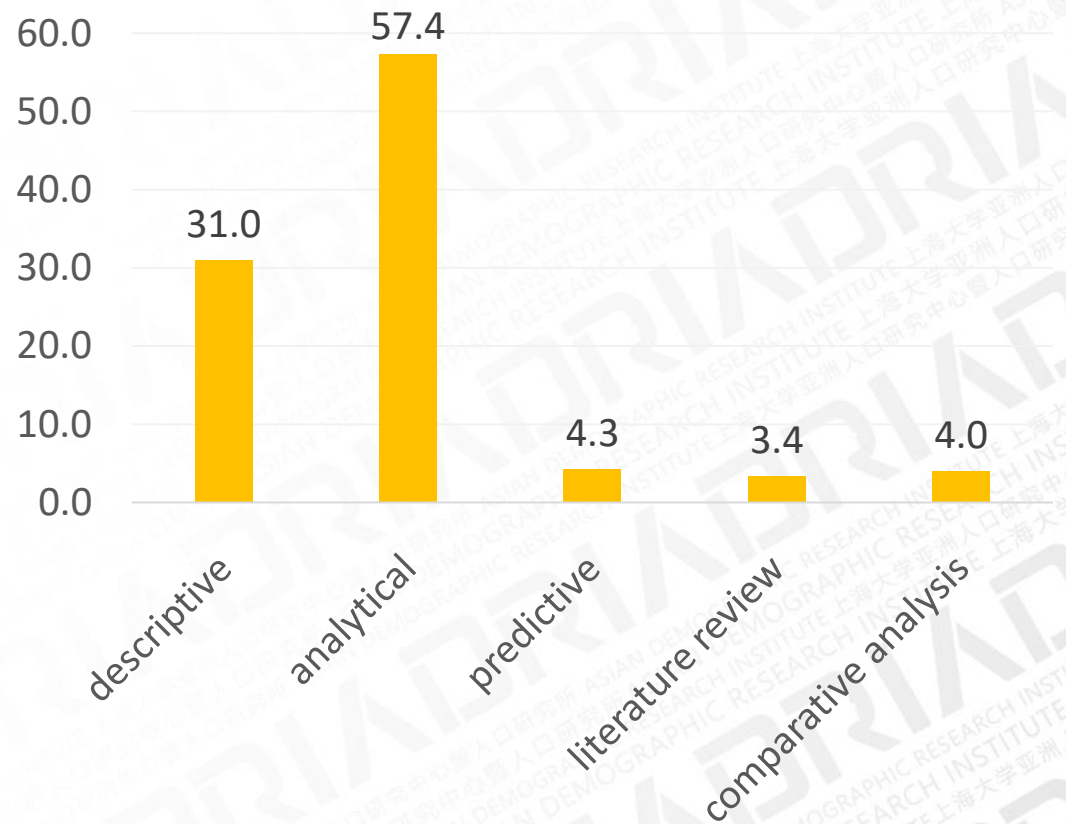
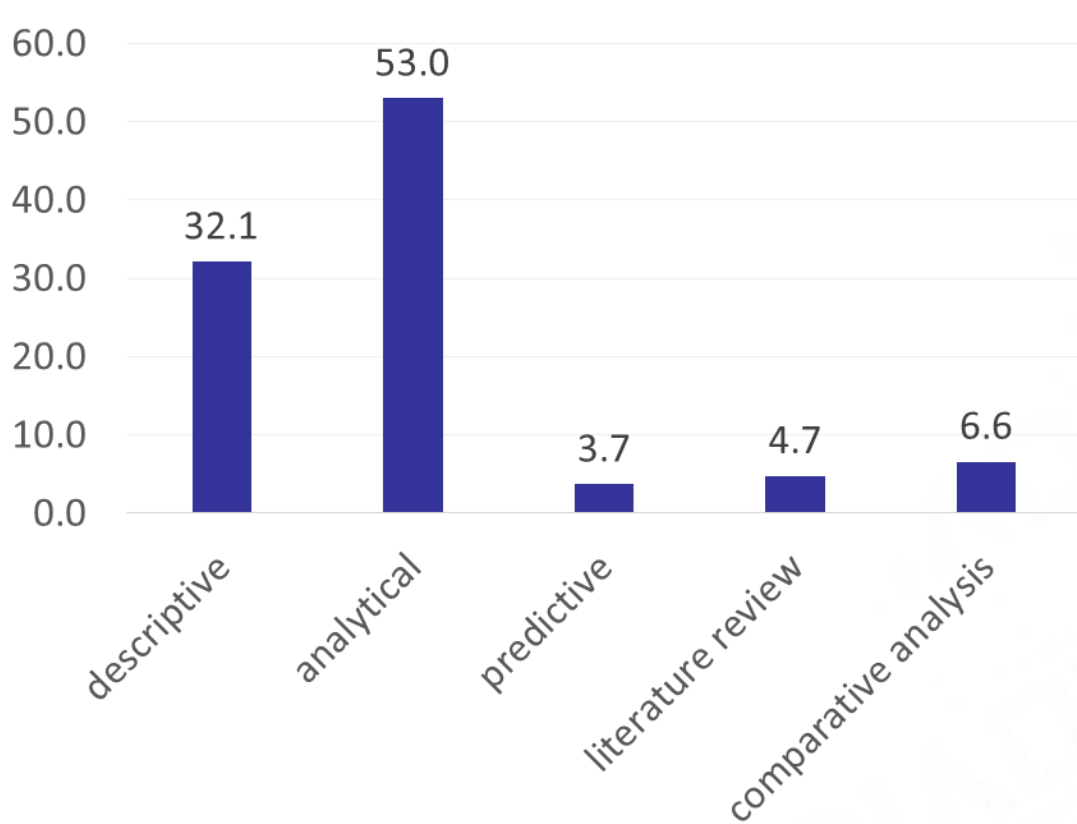
Data used



■ sample survey ■ census ■ registration statistics ■ big data ■ other

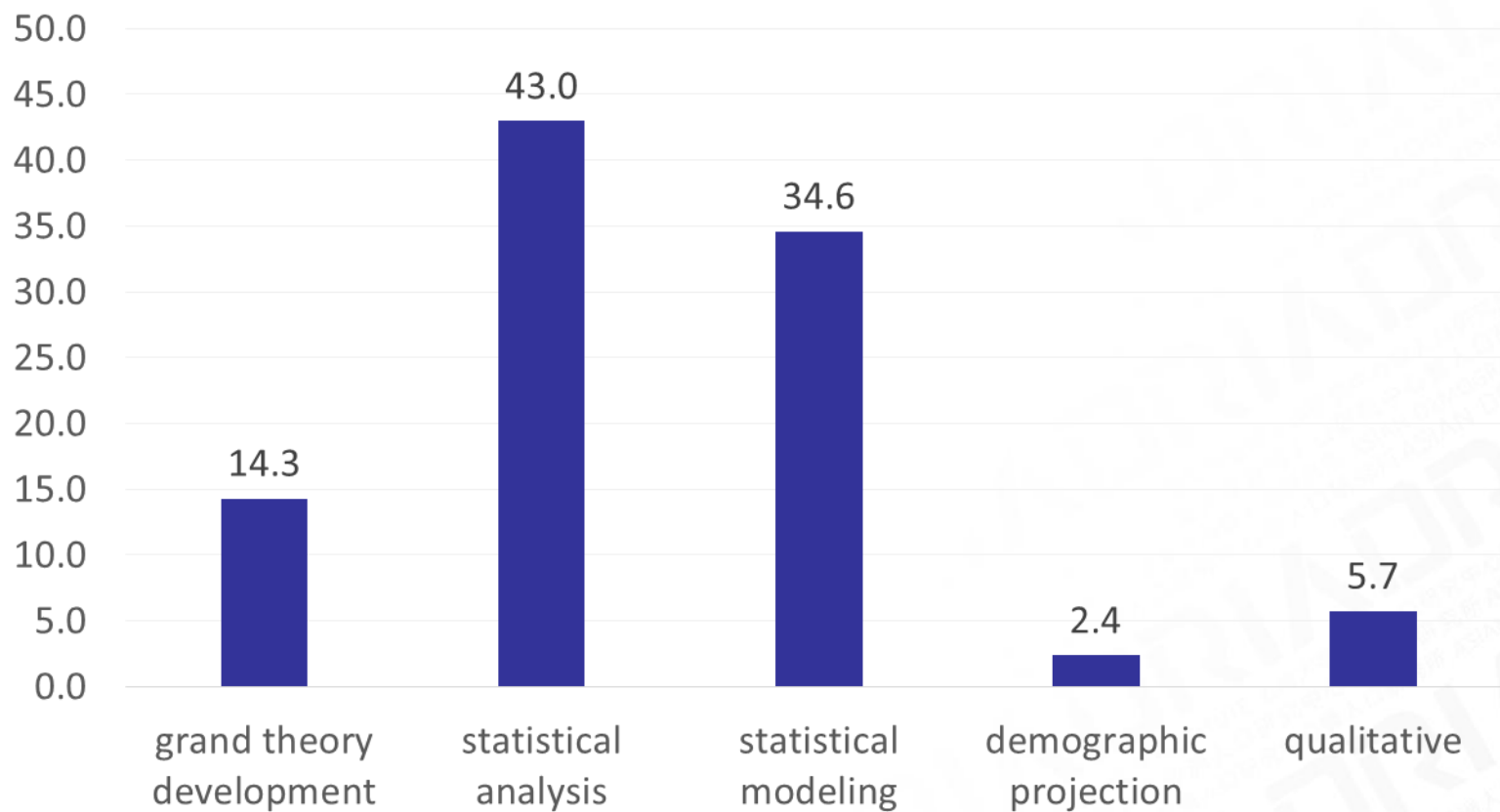
WHAT AND HOW WE DO ?

Approach



WHAT AND HOW WE DO ?

Method



Discussion

- While Asian population studies and publications increased, the share to total publications declined
- Large research communities on migration and urbanization, needs more attention to emerging topics (aging/health, human capital, climate change)
- Need more formal demographic research and training
- Need more comparative analysis through cooperation

WHO WE ARE – research team

- Leiwen JIANG
- Xi CHEN
- Liangliang SUN
- Hongbo WANG
- Lusi ZHANG
- Yingji WU
- Tiji WANG
- Guy ABEL
- Chen CHEN
- Zhen LI
- Samir KC
- Martin BELL
- Danan GU
- Qiushi FENG
- Yu ZHU

谢谢 ! **THANK YOU !**

ADRI

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