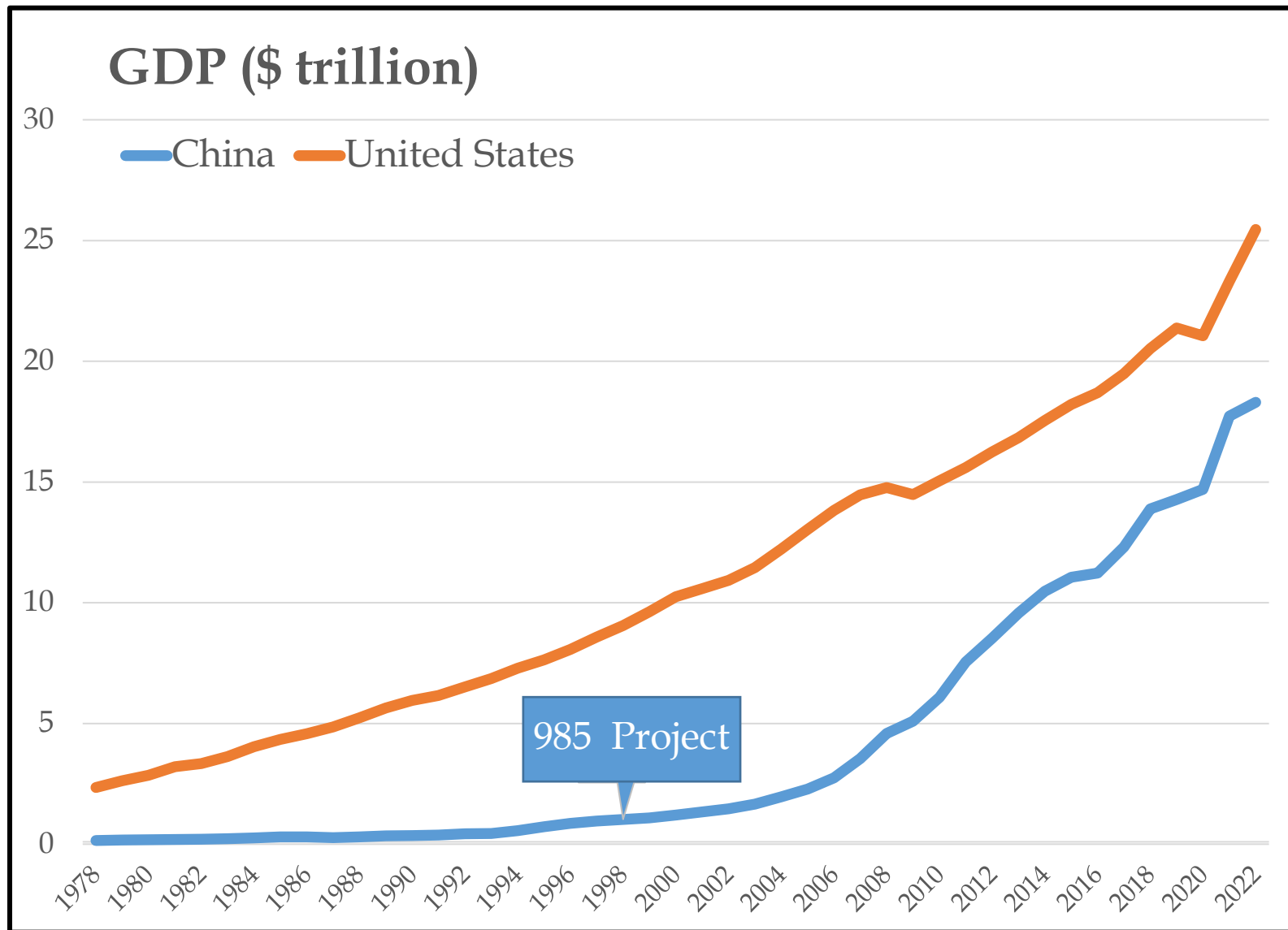


IREG 2023 Conference: Rankings and University International Exposure
26-28 April 2023 , Tashkent, Uzbekistan

Academic Ranking of World Universities

Ying Cheng

SHANGHAIRANKING CONSULTANCY



(May 4, 1998)

For realizing China's modernization, the nation should have a number of World-Class Universities.

Zemin Jiang,
President of China (1993-2003)

Academic Ranking of World Universities (ARWU)



- The original purpose of creating ARWU was to find out the positions of top Chinese Universities in the world higher education system
- First published in June 2003
- Updated annually on 15 August
- Provide one source of information for the global comparison of universities



ARWU Indicators & Weights

Indicator	Definition	Weight
Alumni	Alumni of an institution winning Nobel Prizes and Fields Medals	10%
Award	Staff of an institution winning Nobel Prizes and Fields Medals	20%
HiCi	Highly cited researchers selected by Clarivate	20%
N&S	Papers published in <i>Nature</i> and <i>Science</i>	20%
PUB	Papers indexed in SCIE and SSCI	20%
PCP	Per capita academic performance of an institution	10%



Features of ARWU

Objective
indicators

Third-Party
data

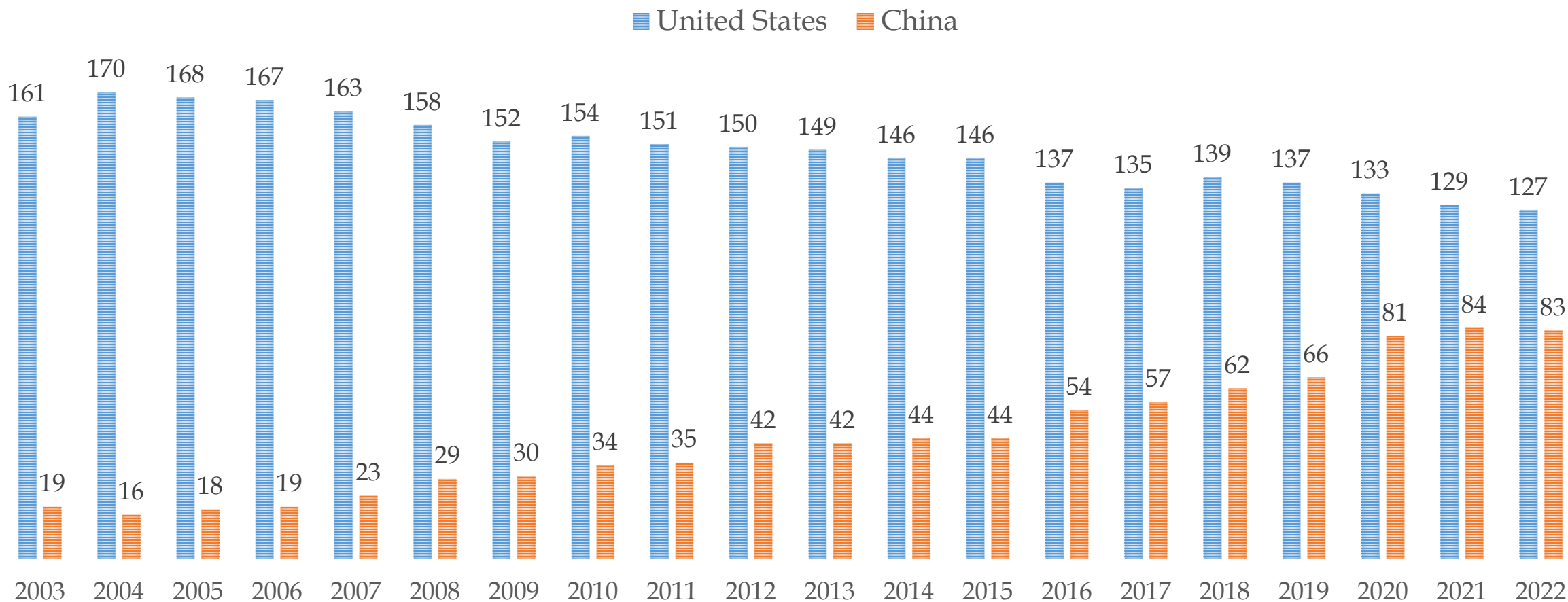
Transparent

Consistent

Top 10

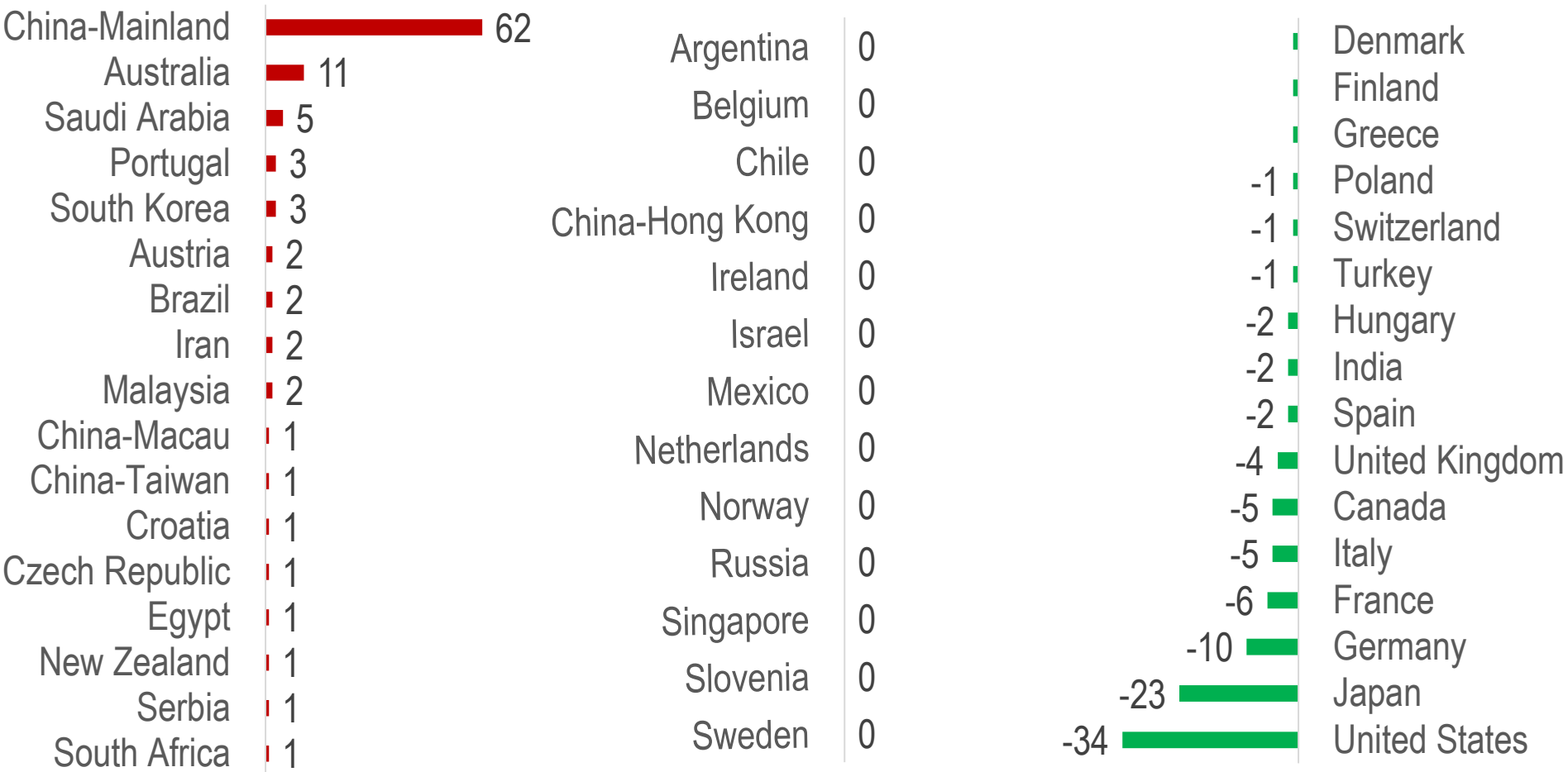
Academic Ranking of World Universities 1000 Institutions						
Search a university						
World Rank	Institution	Country/Region	National/Regional Rank	Total Score	Award	
1	 Harvard University		1	100.0	96.8	
2	 Stanford University		2	76.8	91.2	
3	 Massachusetts Institute of Technology (MIT)		3	70.1	84.8	
4	 University of Cambridge		1	69.6	94.9	
5	 University of California, Berkeley		4	65.3	80.0	
6	 Princeton University		5	60.0	100.0	
7	 University of Oxford		2	58.7	54.5	
8	 Columbia University		6	57.2	63.7	
9	 California Institute of Technology		7	56.1	66.3	
10	 University of Chicago		8	55.1	86.5	

Number of Top 500 Universities: United States vs China

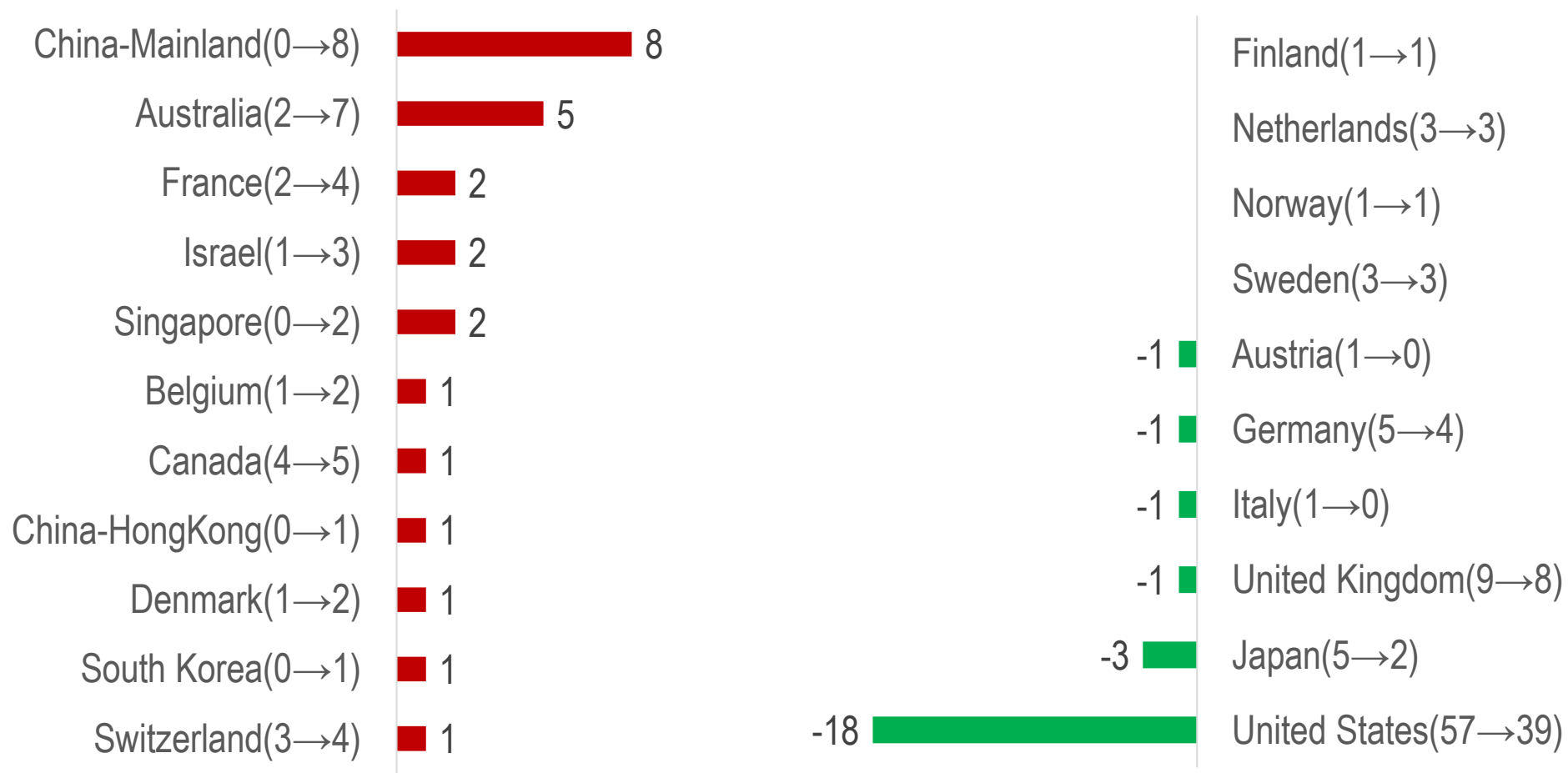


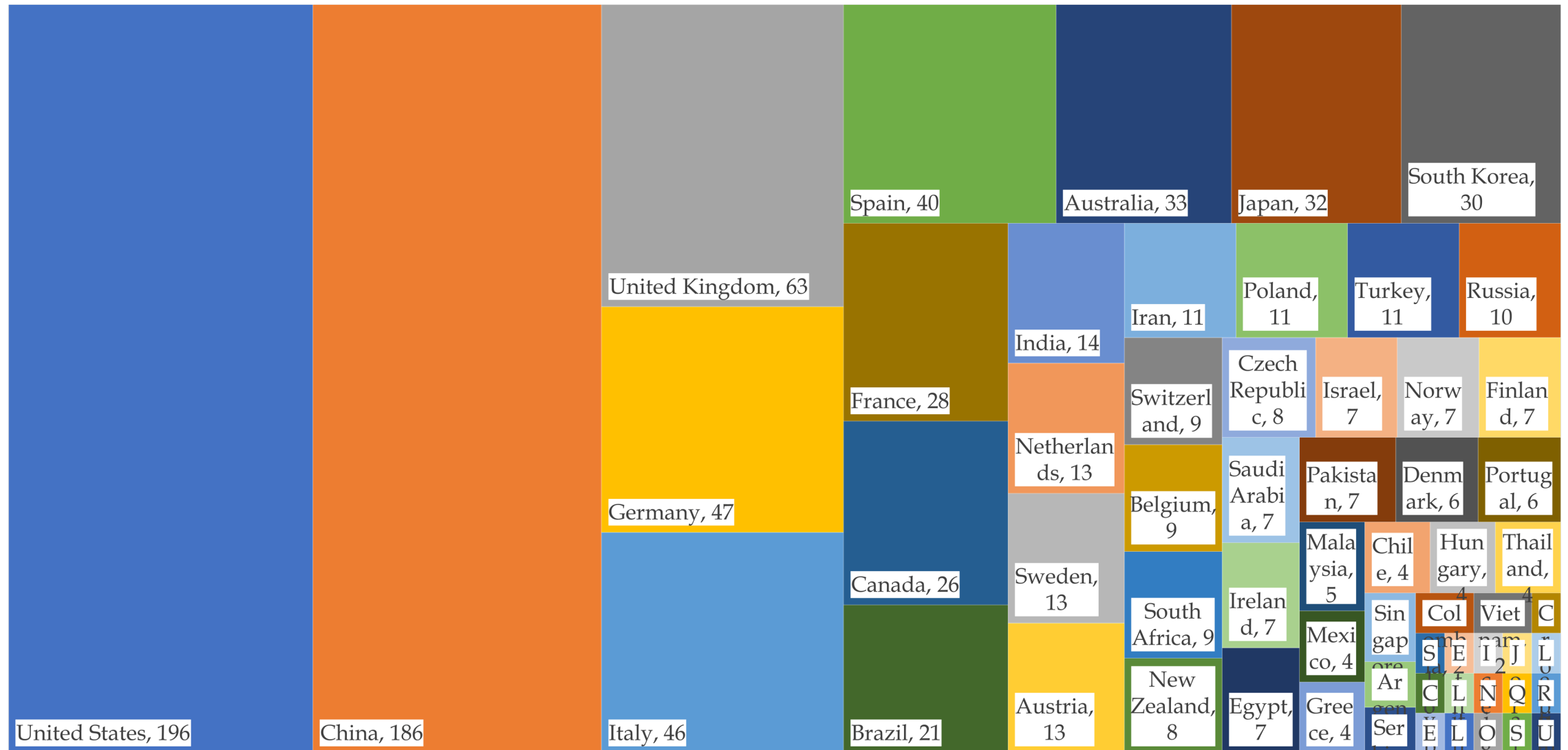


Changes in Number of Top 500 Universities by Country: 2003 vs 2022



Changes in Number of Top 100 Universities by Country: 2003 vs 2022





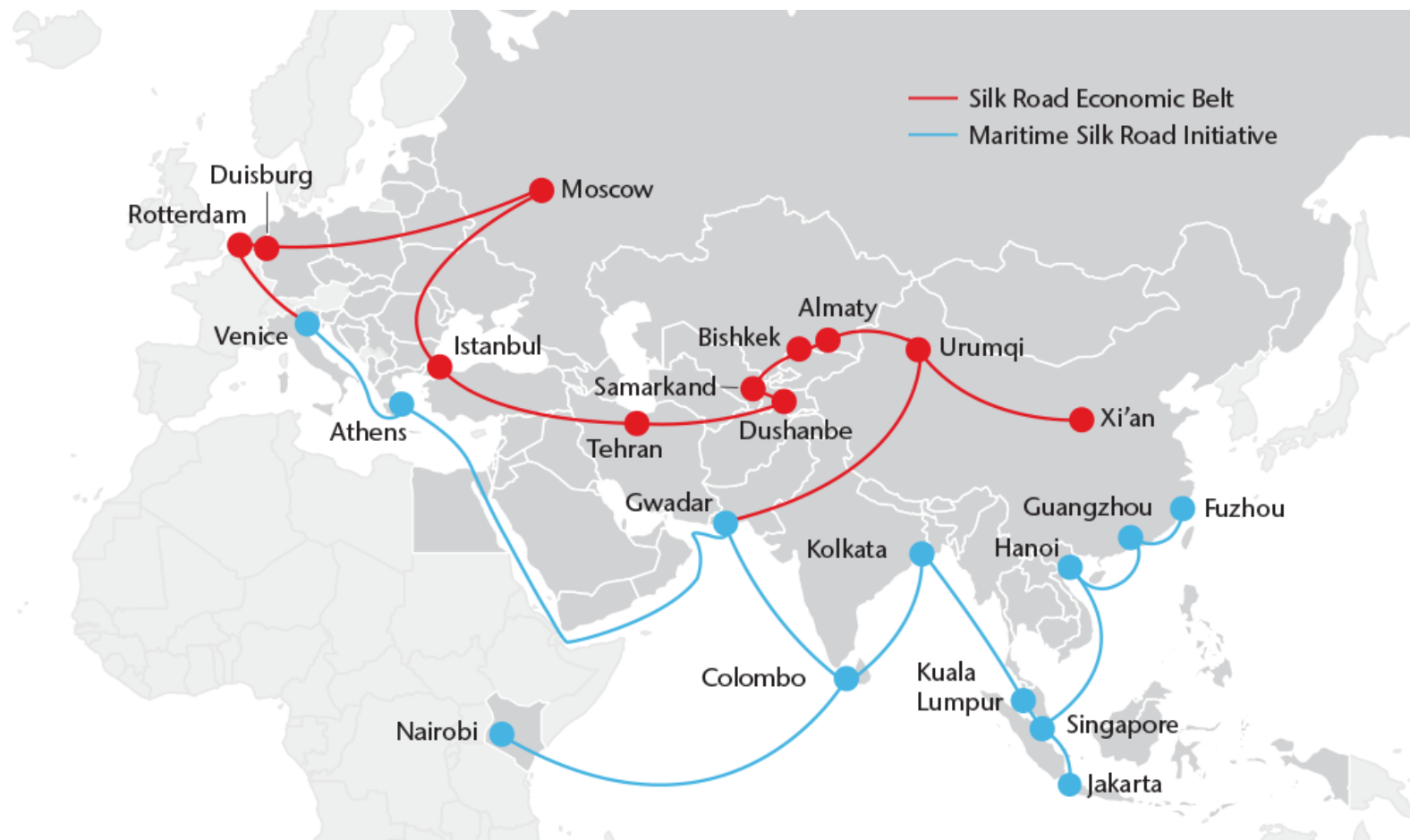


What are rankings of Uzbekistan and other central Asian universities?

Paper Ranking of Universities in Central Asia

University		Country	Web of Science Papers (2018 - 2022)	World Rank In terms of WoS papers
	Nazarbayev University	KAZAKHSTAN	2937	1317
	Al-Farabi Kazakh National University	KAZAKHSTAN	2011	1733
	L.N. Gumilyov Eurasian National University	KAZAKHSTAN	886	2683
	National University of Uzbekistan	UZBEKISTAN	622	3141
	Kyrgyz Turkish Manas University	KYRGYZSTAN	426	3628
	Kazakh British Technical University	KAZAKHSTAN	380	3777
	Satbayev University	KAZAKHSTAN	335	3967
	Institute of Mathematics & Mathematical Modeling	KAZAKHSTAN	297	4123
	Asfendiyarov Kazakh National Medical University	KAZAKHSTAN	205	4591
	Tashkent Institute of Irrigation & Agricultural Mechanization Engineers	UZBEKISTAN	186	4710

One Belt One Road Initiative (Silk Road Economic Belt)



THANK YOU FOR YOUR ATTENTION!