Where in the World Are My Trackers?

Mapping Web Tracking Flow Across Diverse Geographic Regions

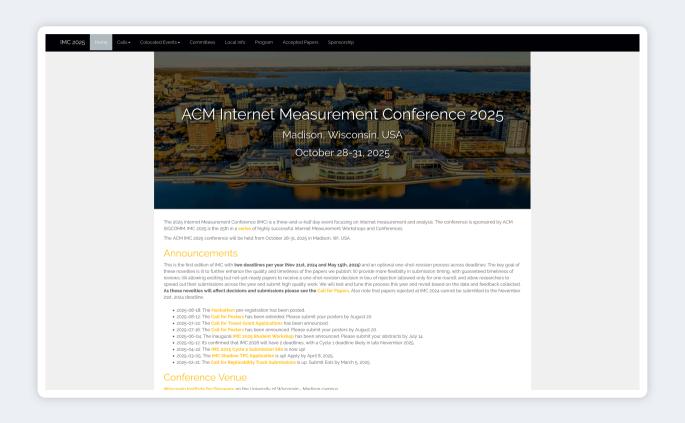
Sachin Kumar Singh, *Robert Ricci*, and Alexander Gamero-Garrido IMC 2025

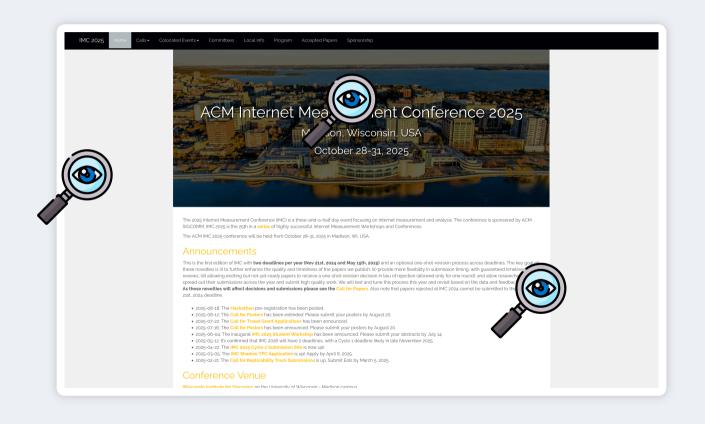


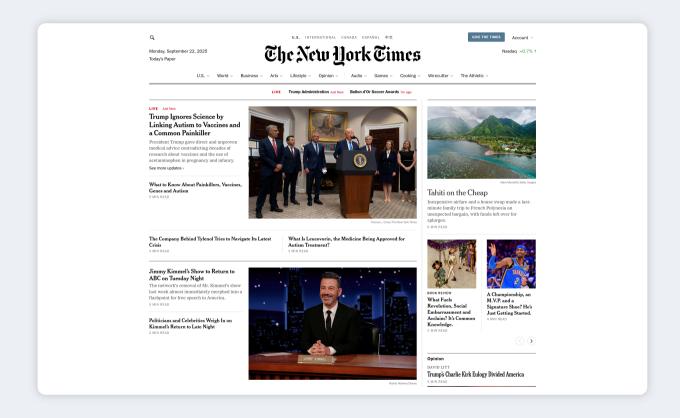


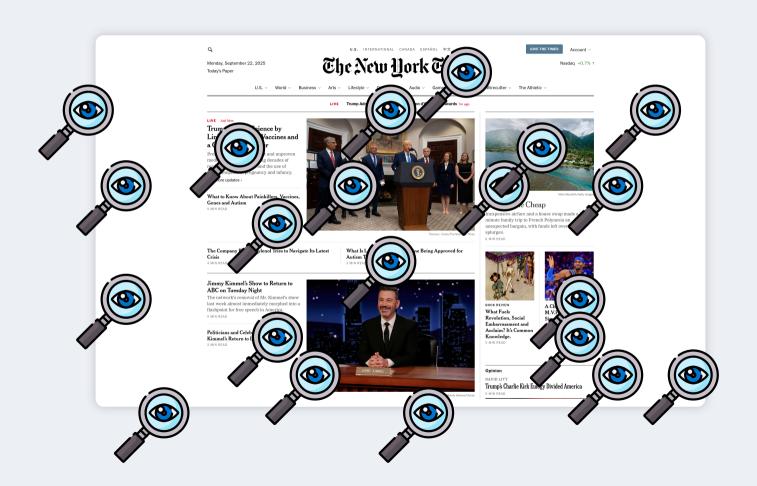


On the job market this year: Sachin Kumar Singh









But Where, Actually, Are They?





Understanding of Global Infrastructure



Understanding of Global Infrastructure



Privacy Implications



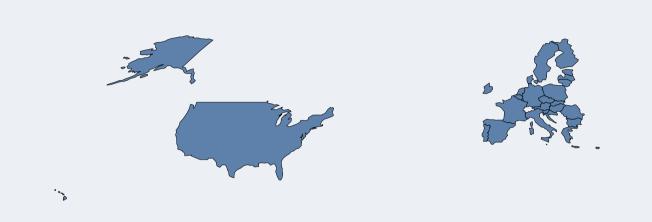
Understanding of Global Infrastructure



Privacy Implications



Legal Implications











How We Studied: The Websites

For each country, 50 of each

How We Studied: The Websites

For each country, 50 of each



Most popular regional websites

How We Studied: The Websites

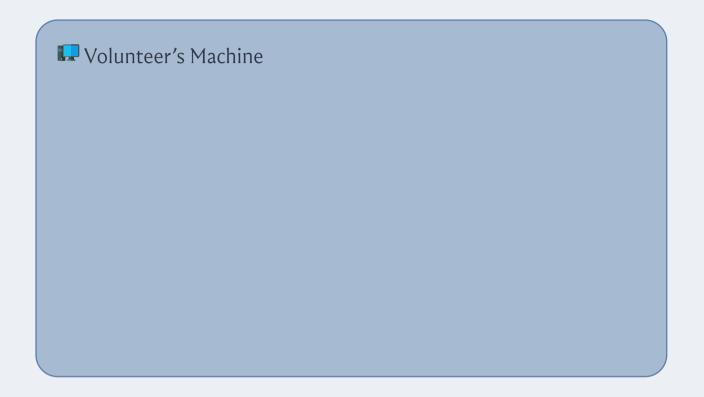
For each country, 50 of each

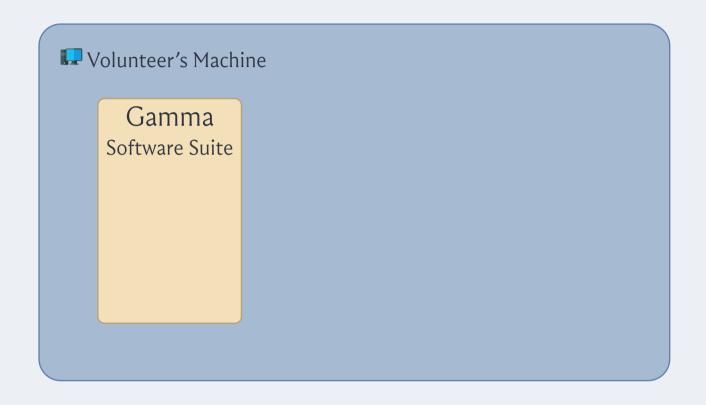


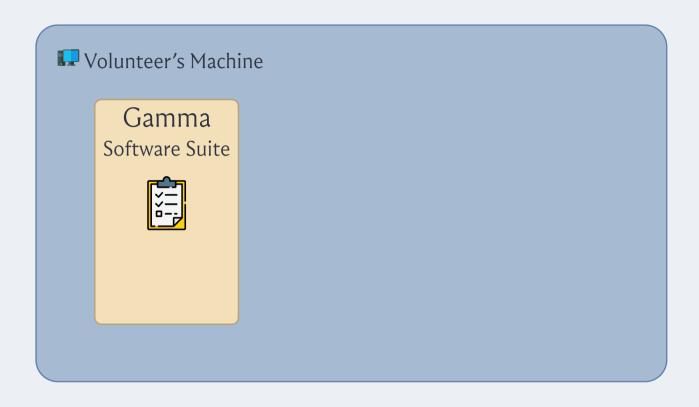
Most popular regional websites



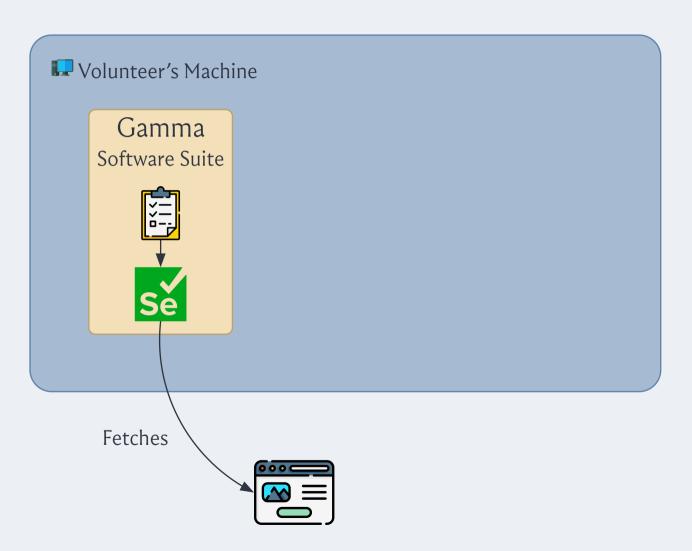
Government websites

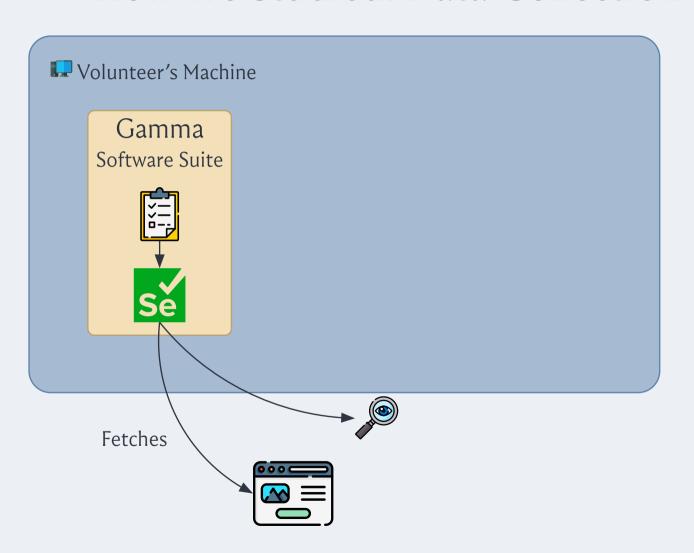


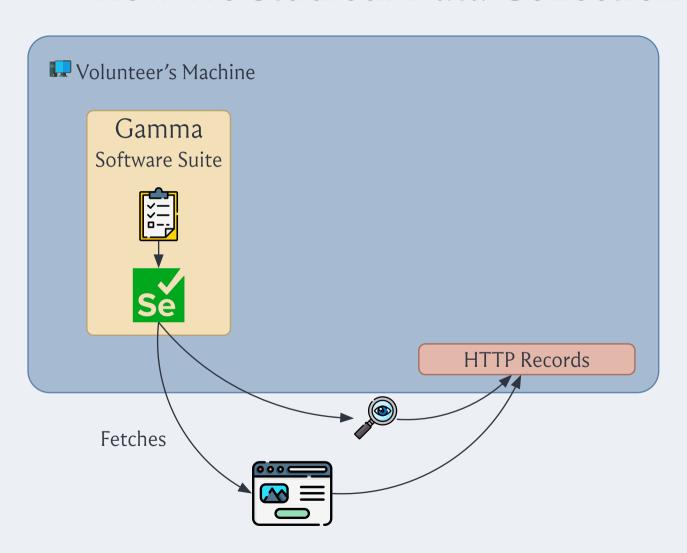


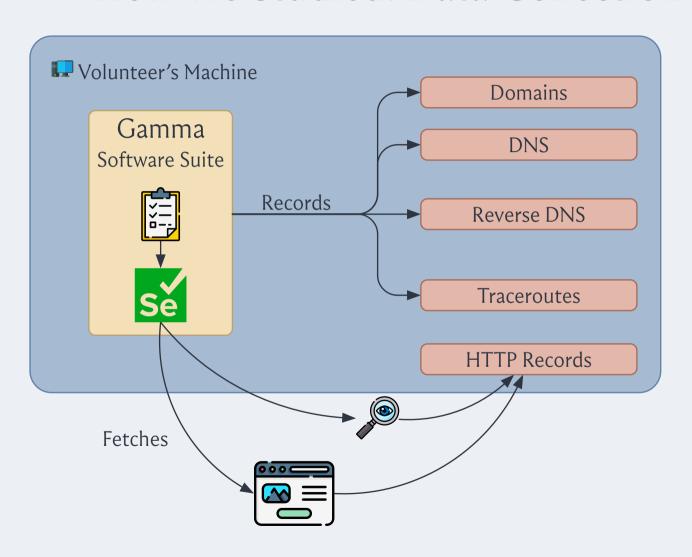


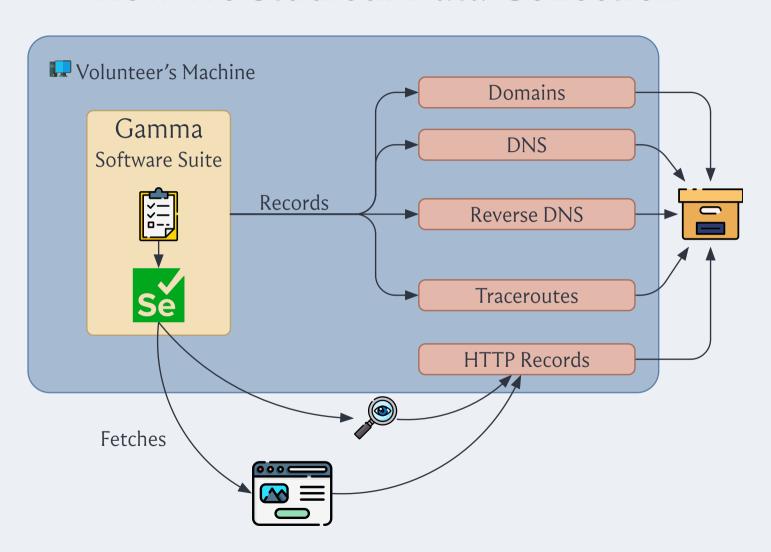




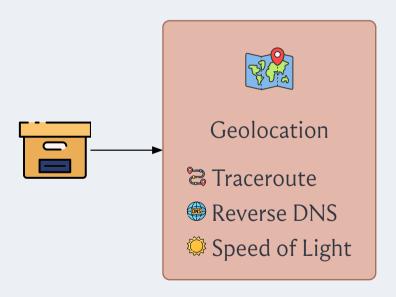


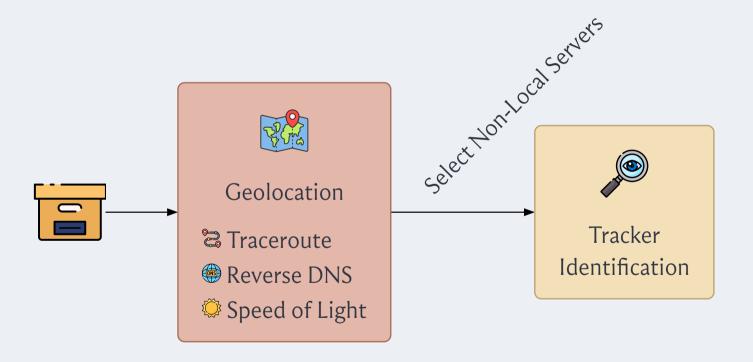


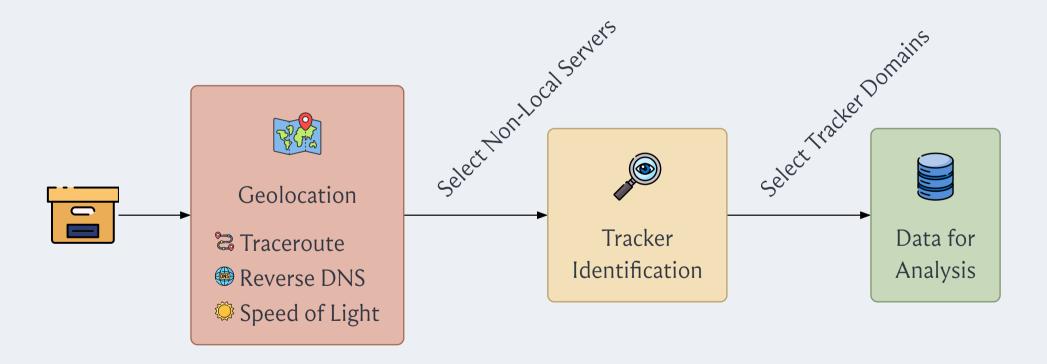






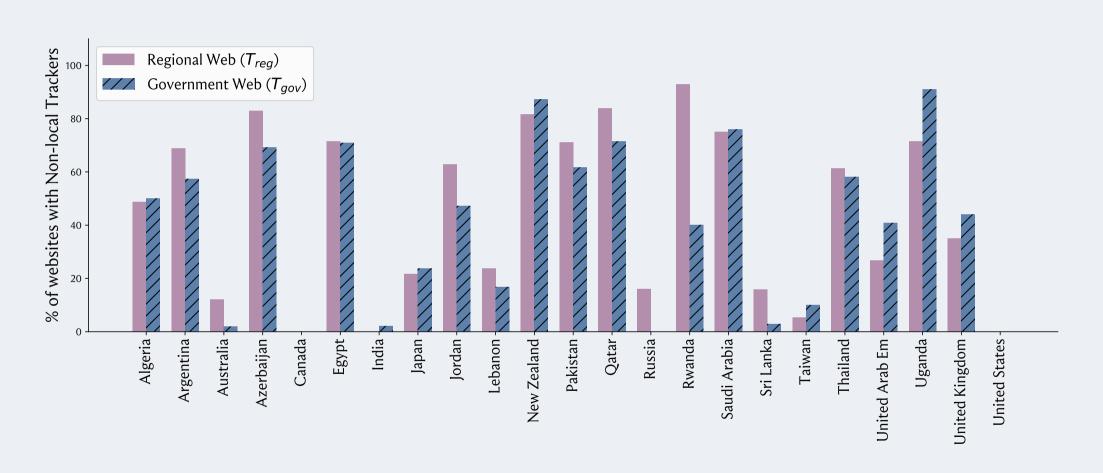




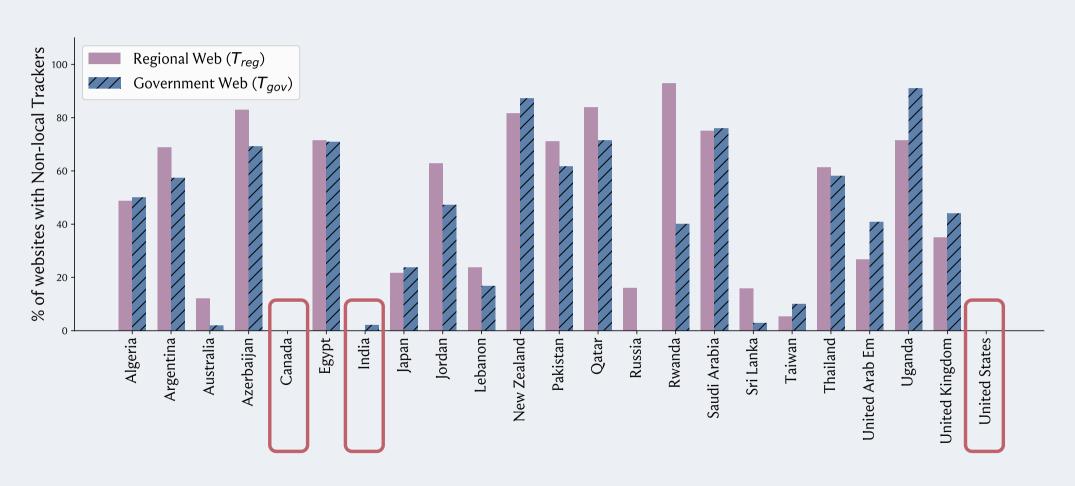


Non-Local Trackers

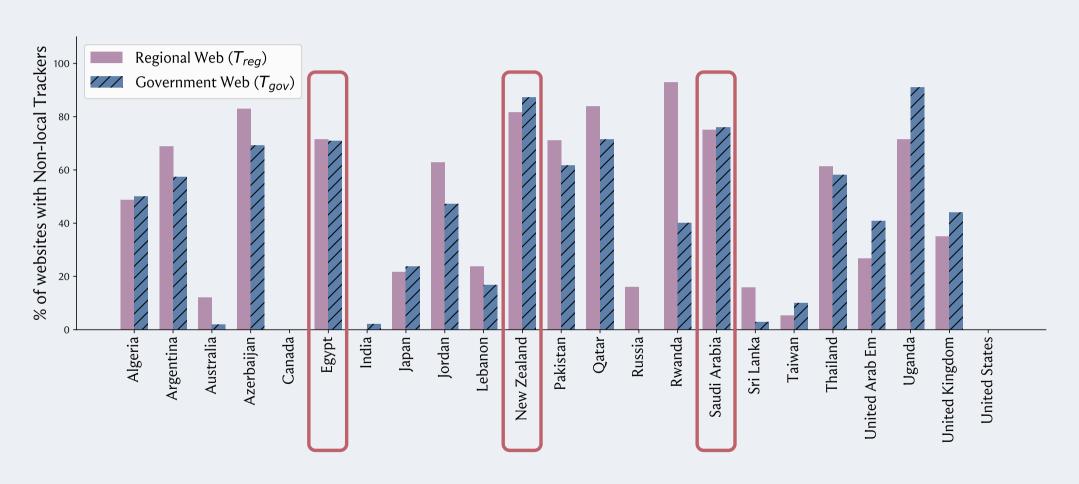
Non-Local Trackers



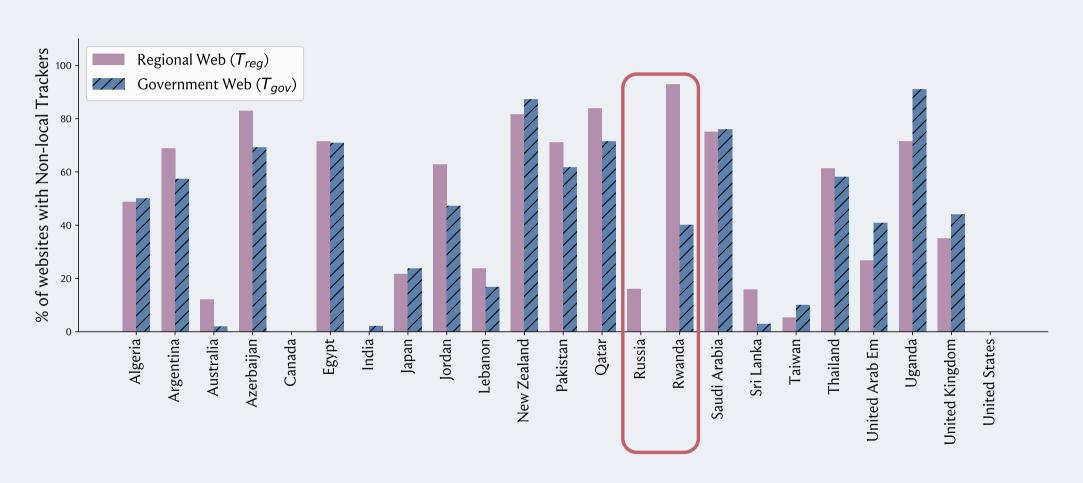
Non-Local Trackers

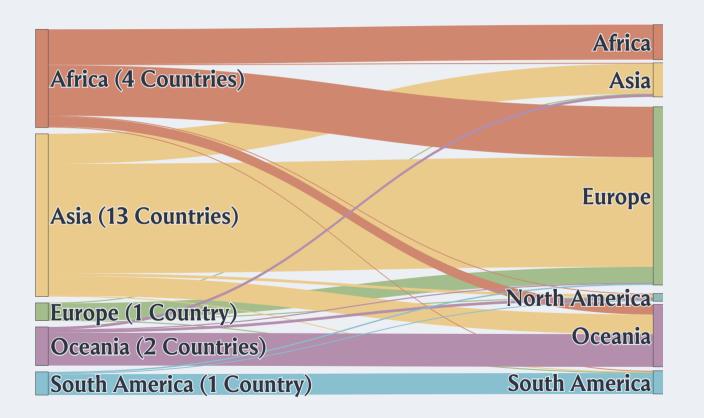


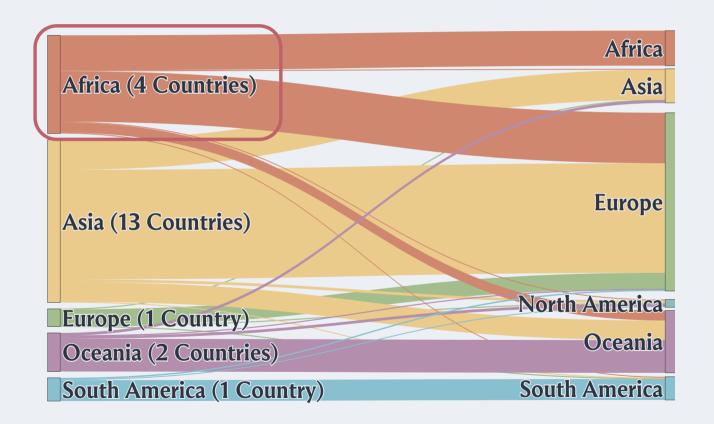
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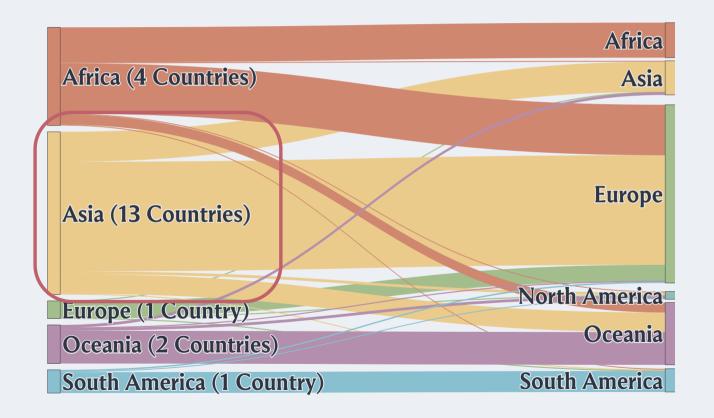


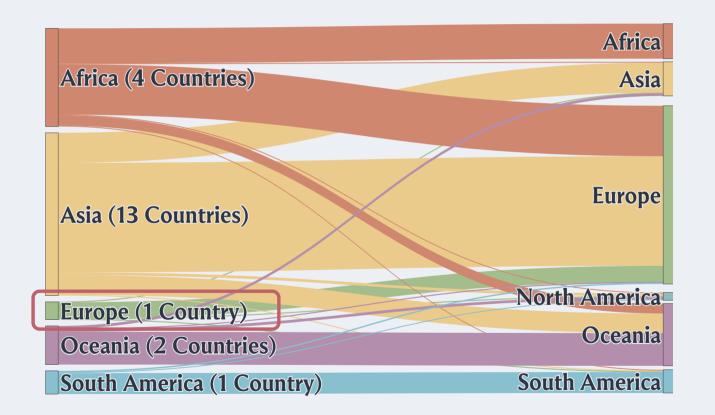
Non-Local Trackers

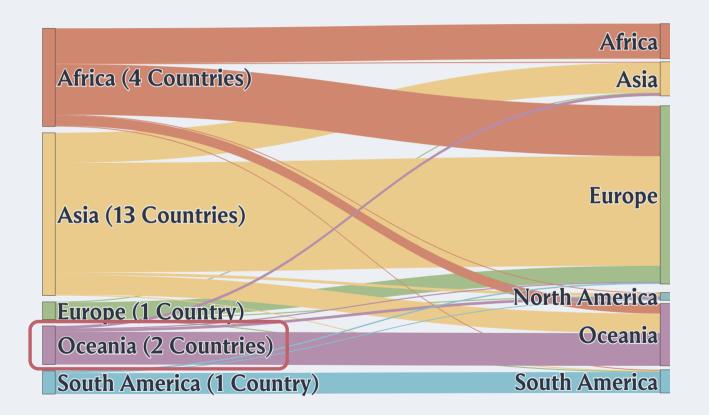


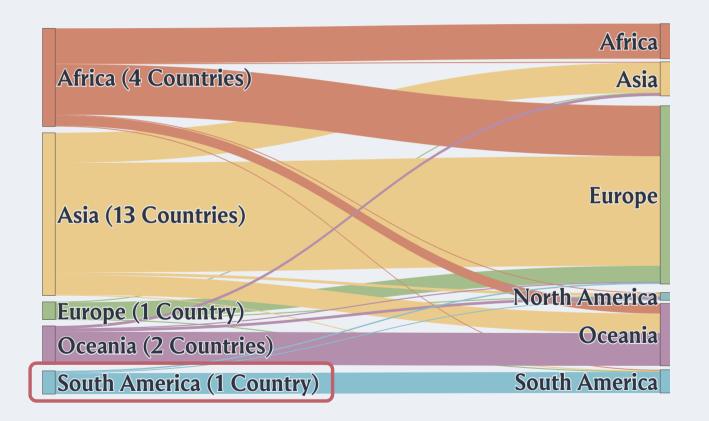


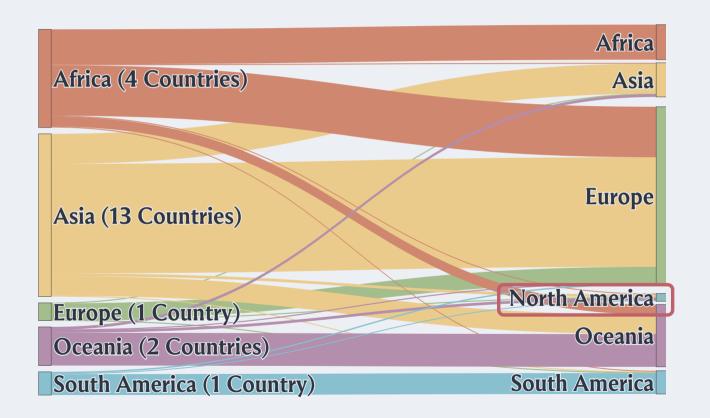


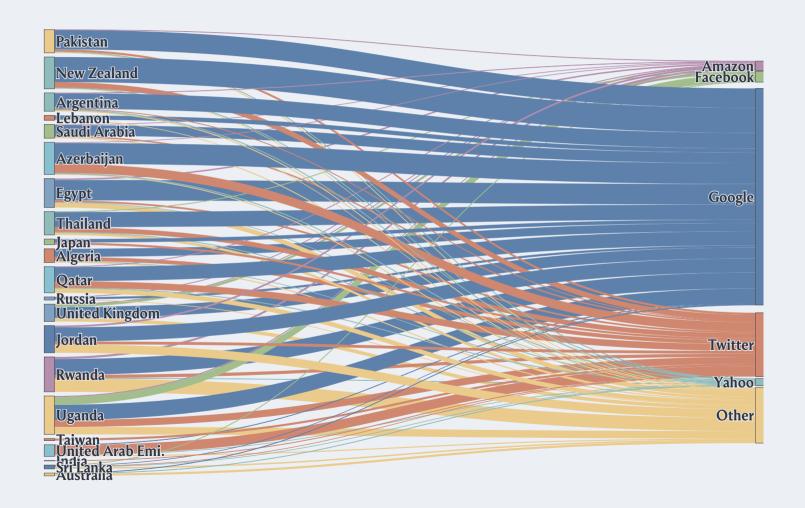


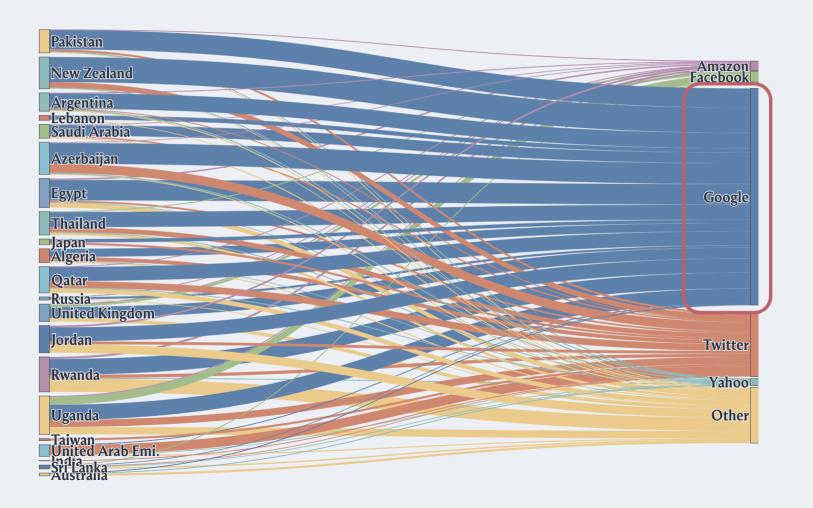


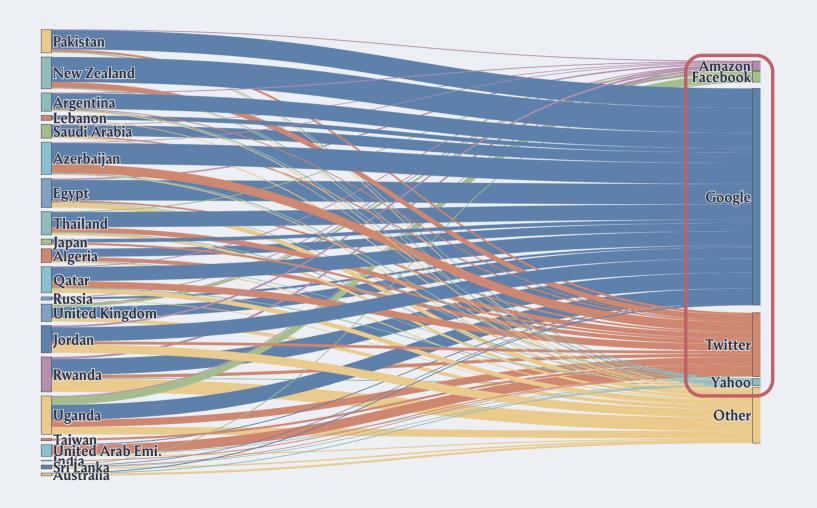


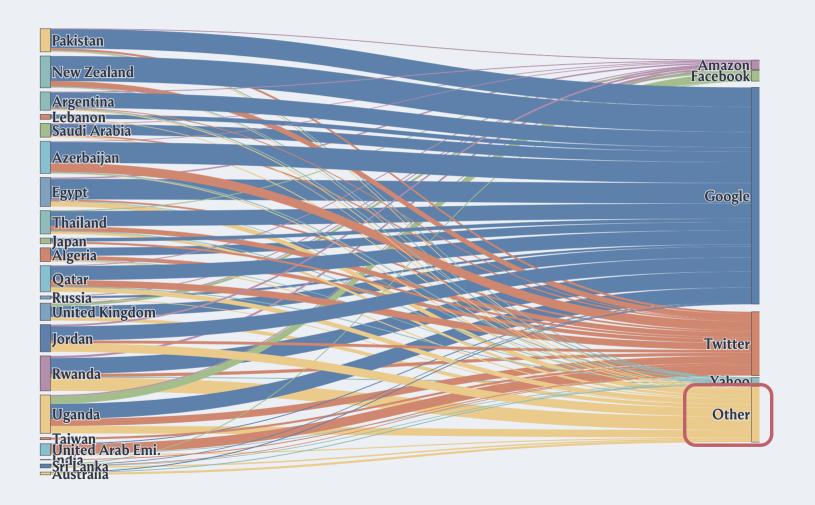


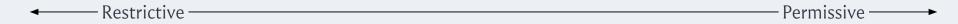












Country Type Non-Local
Azerbaijan CS

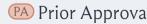
Country	Type	Non-Local
Azerbaijan	CS	
Algeria	PA	
Egypt	PA	
Rwanda	PA	
Uganda	PA	

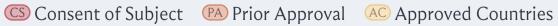


——Restrictive ——Permissive ——Permissive ——

Country	Type	Non-Local
Azerbaijan	CS	
Algeria	PA	
Egypt	PA	
Rwanda	PA	
Uganda	PA	
Argentina	AC	
Russia	AC	
Sri Lanka	AC	
Thailand	AC	
UAE	AC	
UK	AC	









Permissive –

Country	Type	Non-Local
Azerbaijan	CS	
Algeria	PA	
Egypt	PA	
Rwanda	PA	
Uganda	PA	
Argentina	AC	
Russia	AC	
Sri Lanka	AC	
Thailand	AC	
UAE	AC	
UK	AC	

Country	Type	Non-Local
Australia	TA	
Canada	TA	
India	TA	
Japan	TA	
Jordan	TA	
New Zealand	TA	
Pakistan	TA	
Qatar	TA	
Saudi Arabia	TA	
Taiwan	TA	
USA	TA	





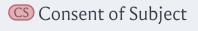


- Restrictive -

Permissive -















Restrictive -

Permissive -

More in the Paper

Details of Geolocation Process

Country-To-Country Tracking Flow

Countries That Act as Tracker Hubs

First Party vs. Third Party Tracking Networks

Use Gamma to Run Studies



Use Gamma to Run Studies



Hire Sachin

