

STARTUP ECOSYSTEMS MAPPING: UPDATES AND PRELIMINARY RESULTS

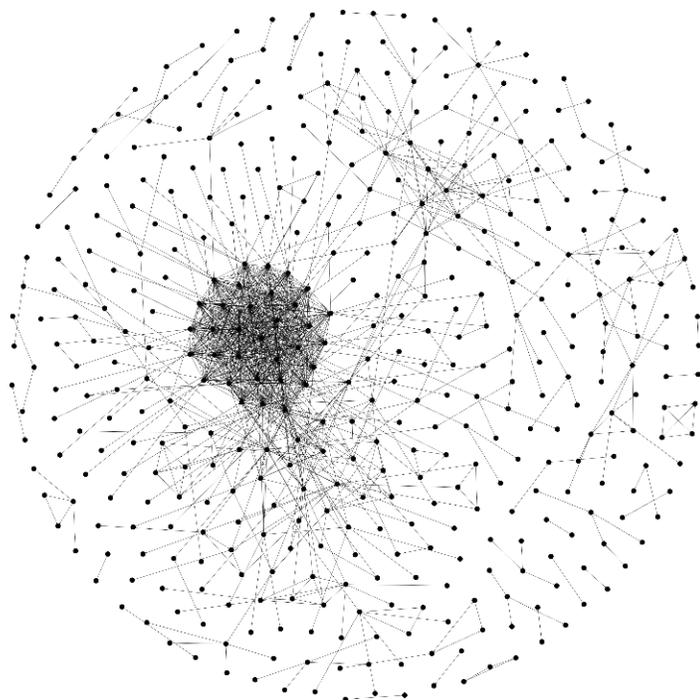
GERN Meeting

April, 2018

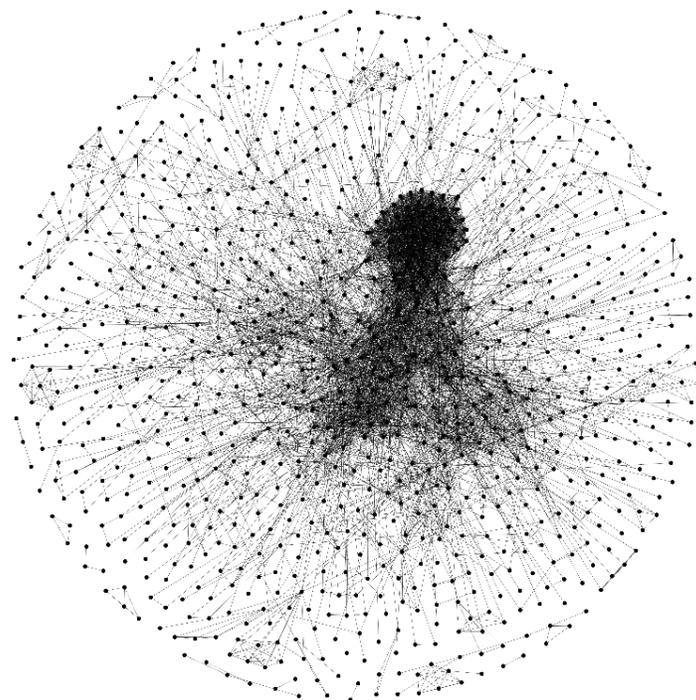


Ecosystem Area	Stage		
	Nascent	Advancing	Mature
 Community	<ul style="list-style-type: none"> Limited number of start-ups, most in early stage Low density of connections Low number of clusters 	<ul style="list-style-type: none"> Increased number of start-ups, most in early stage with increasing number of scale-ups Several clusters High density in clusters 	<ul style="list-style-type: none"> Large number of start-ups in all stages Highly dense, hyperconnected clusters
 Skills	<ul style="list-style-type: none"> Lack of business acumen and experience Very few serial entrepreneurs and limited generations of entrepreneurs No substantial exits 	<ul style="list-style-type: none"> Limited business acumen Increasing number of serial entrepreneurs and more than 3 generations Exits start to appear 	<ul style="list-style-type: none"> Business acumen and practical experience Several generations of start-ups Successful exits
 Supporting Infrastructure	<ul style="list-style-type: none"> Mentors are scarce and inexperienced No international connections 	<ul style="list-style-type: none"> Mentors are available and they have local practical experience Increasing number of international connections 	<ul style="list-style-type: none"> Plenty of mentors with sound practical experience International hub attracting international talent
 Investment	<ul style="list-style-type: none"> Gaps in finance pipeline Very few private sector funding opportunities 	<ul style="list-style-type: none"> Finance pipeline with some gaps Private early stage investment exists 	<ul style="list-style-type: none"> No gaps in finance pipeline Private early stage finance sustainable

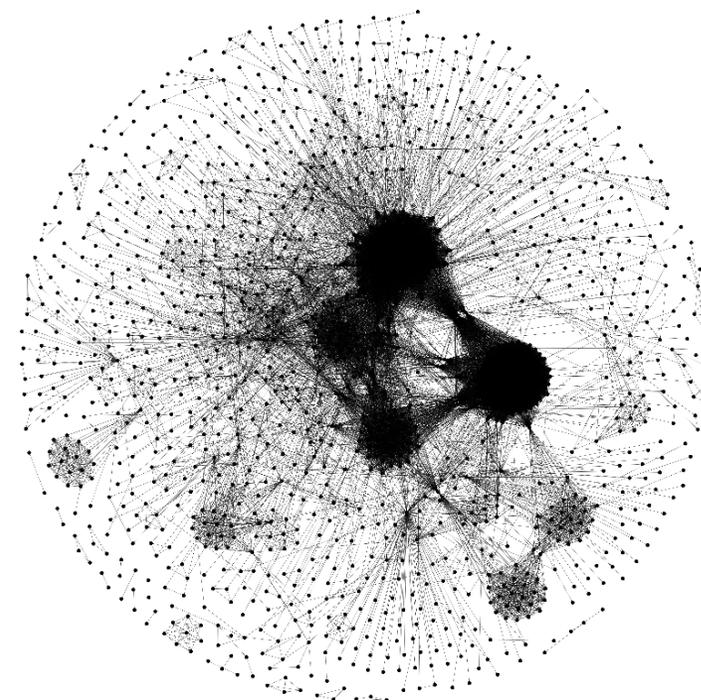
EVOLUTION OF SOCIAL CONNECTIVITY



Dar Es Salaam

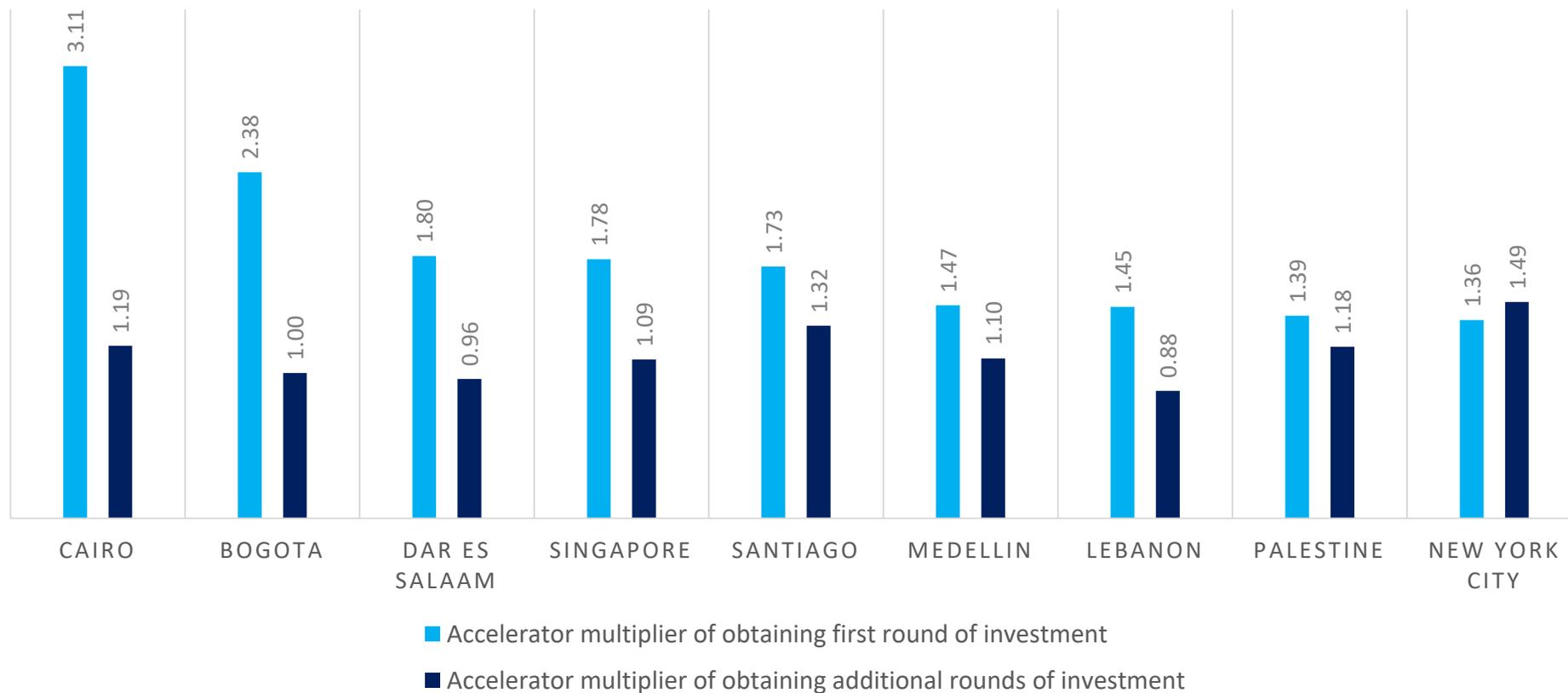


Cairo



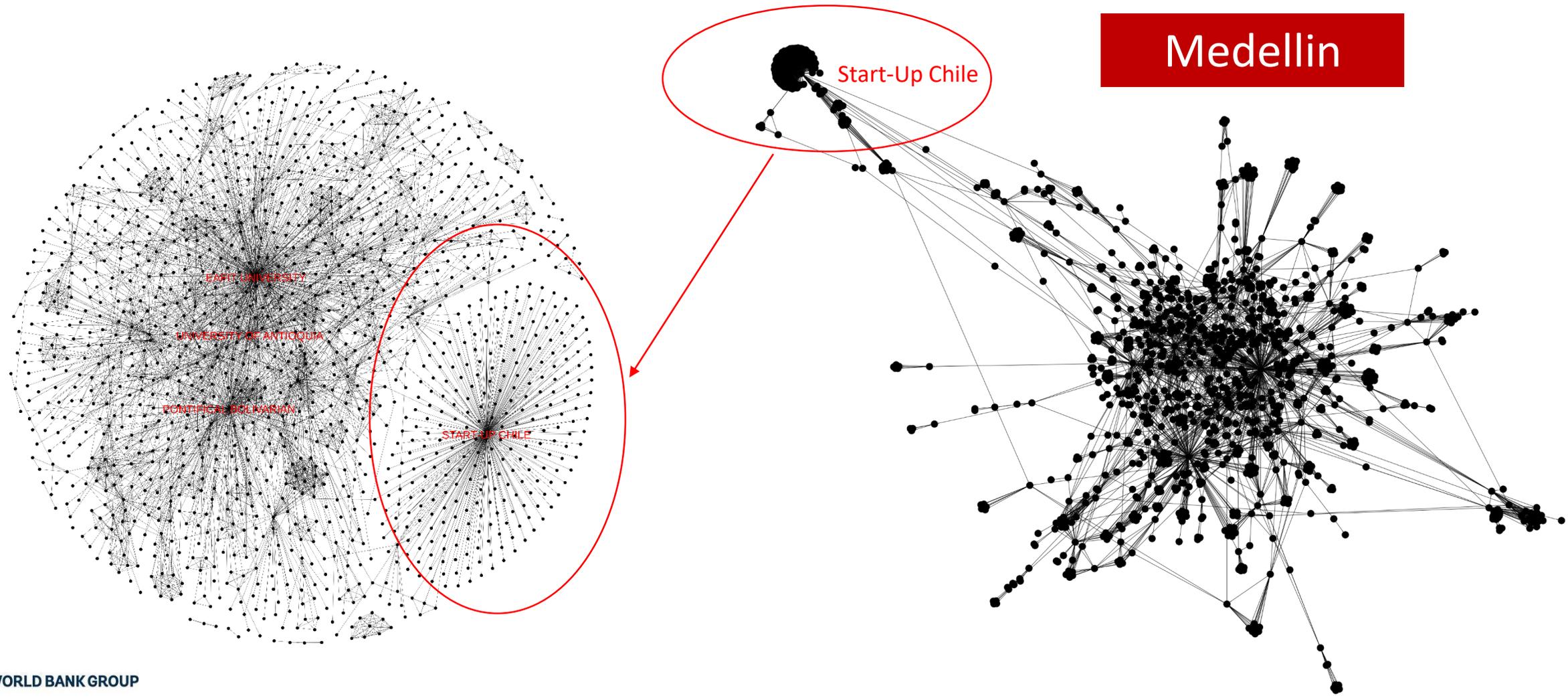
Medellin

MATURITY OF SUPPORTING INFRASTRUCTURE: ACCELERATORS



Accelerator program multipliers of obtaining investment funding: first round, and more than one round. Number above one shows the higher probability of startups getting more funding if they attended an accelerator program. Number below one shows lower probability of that happening.

CONNECTION TO INT'L KNOWLEDGE



PRELIMINARY

ASIA

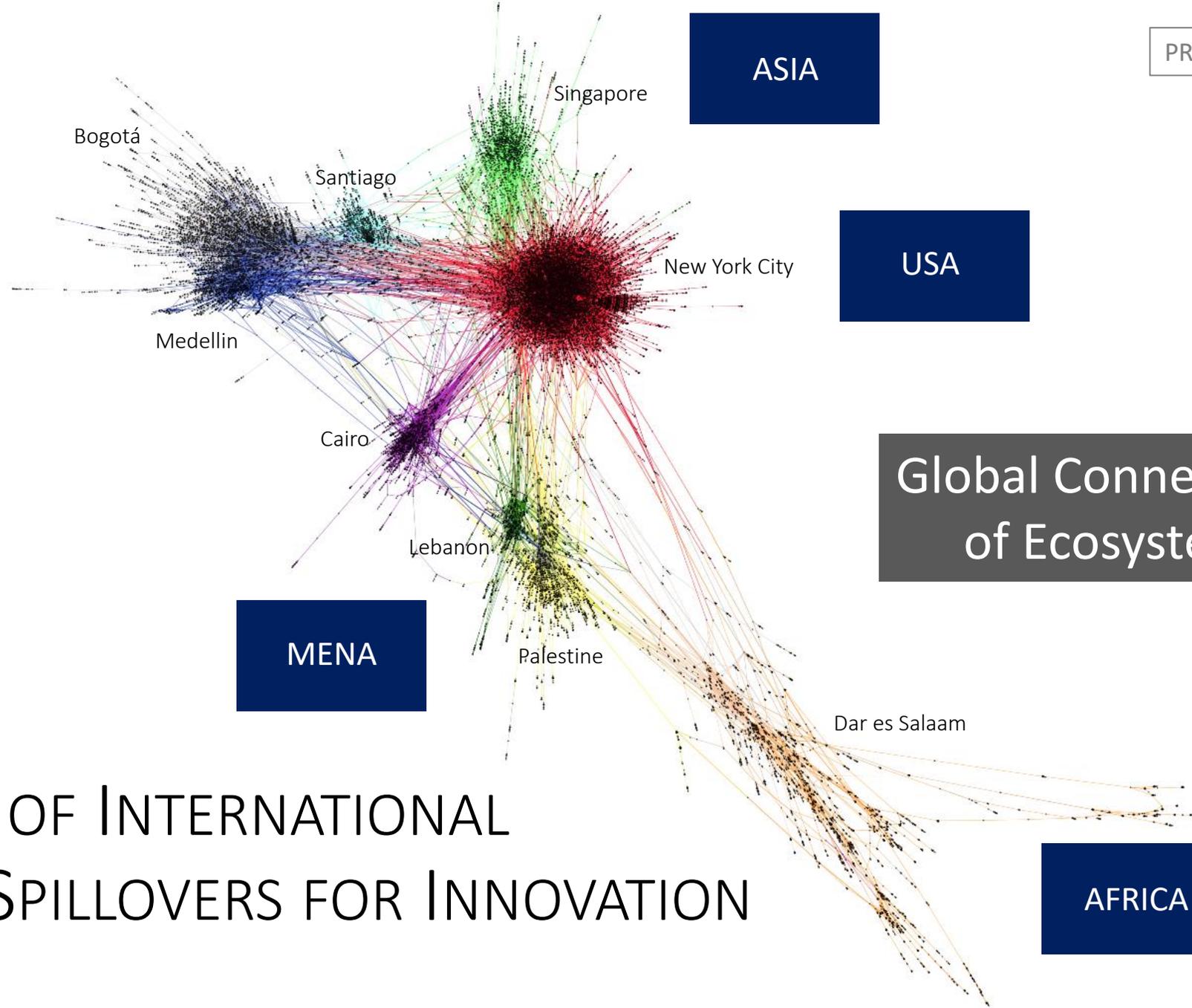
USA

Global Connectivity
of Ecosystems

MENA

AFRICA

LATIN AMERICA



A NEW KIND OF INTERNATIONAL
KNOWLEDGE SPILLOVERS FOR INNOVATION



The World Bank team working on the research and technical activities used in this presentations are Victor Mulas (Lead), Kathy Qian (Data Scientist), Scott Henry, Erick Murillo, Matt Lerner, Mireille Raad, and Nga Nguyen.

The research is part of the GERN initiative on Innovation Ecosystem Research. Endeavor Insights has been a partner in collecting the data for this findings.

AVAILABLE RESOURCES:

BOOSTING TECH INNOVATION ECOSYSTEMS IN CITIES

Working Paper: <https://openknowledge.worldbank.org/handle/10986/23029>

EXAMPLE OF ECOSYSTEM ANALYSIS:

Dar es Salaam Tech Start-up Ecosystem: http://bit.ly/Startup_Ecosystem_DaresSalaam

Beirut Tech Start-up Ecosystem: <https://openknowledge.worldbank.org/handle/10986/28458>