



ENTREPRENEURSHIP DATABASE & WE-DATA:

*Measuring entrepreneurship trends
in 170 economies around the world*



CONTENT

Introduction

Methodology

Trends in business entry

Role of digital technology

Gender gap in entrepreneurship



INTRODUCTION



Why a dataset on entrepreneurship?

- **To meet the demand of governments and policymakers:**
 - Elaborate the diagnosis of private sector development and growth
 - Motivate reforms to increase participation in the formal sector
 - Understand the gender gap in entrepreneurship
- **To respond to the interest of researchers:**
 - Monitor and evaluate the impact of policy reforms
 - Assess the impact of macroeconomic and external shocks on new firm registration (e.g., financial crisis of 2008/2009 or the COVID-19 crisis)

METHODOLOGY

How is entrepreneurship measured?



Definition of entrepreneurship:

- The activities of an individual or a group aimed at initiating economic enterprise in the formal sector under a legal form of business.

Units of measurement:

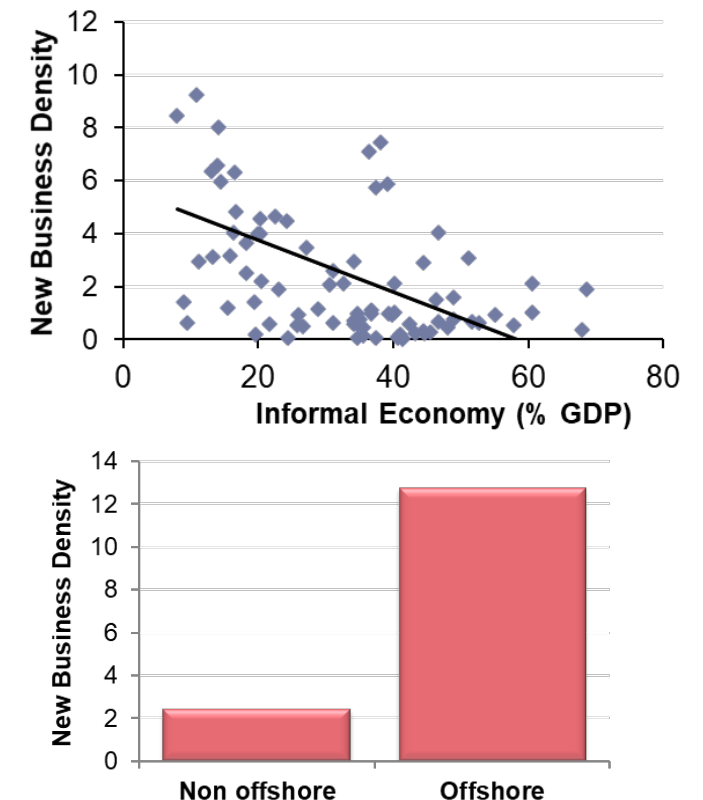
- Private companies with limited liability. Often, there are several legal forms of companies with limited liability – all of them are counted.

Variable of interest:

- New Business Density, calculated as the number of newly registered limited-liability firms per calendar year, divided by the country's working age population (ages 15-65), normalized by 1,000.

Limitations:

- Formal sector only
- Offshore centers (gathered, not included in analysis)
- Focus on limited liability companies (however, data on sole proprietors are collected for the gender gap)



METHODOLOGY



How is the gender gap in entrepreneurship measured?

Thanks to the support of We-Fi, gender disaggregated data was collected about:

Owners of new LLCs

- Individuals that own at least one share of a newly registered limited liability company in the calendar year.



Directors of new LLCs

- Individuals who conduct the affairs of new limited liability companies registered in the calendar year.



New Sole proprietors

- Individual that newly owns and manages a business entity and who is indistinguishable from the business and is personally liable in the calendar year.

METHODOLOGY

How is data collected?



Sources in 170 economies:

- Business registries
- National statistical agencies

Questionnaires:

- Number of limited liability firms (new, closed, total)
- Collected for each calendar year (2006-2020), every two years

Methodology & data verification:

- Sent to over 190 economies in several languages
- Data checking from outside sources, previous versions of data collections

Challenges:

- Types of companies (Several types of LLCs, Re-registration, De-registration, etc.)
- Infrastructure (Paper based registries, decentralized registries, etc.)
- COVID-19 interruptions

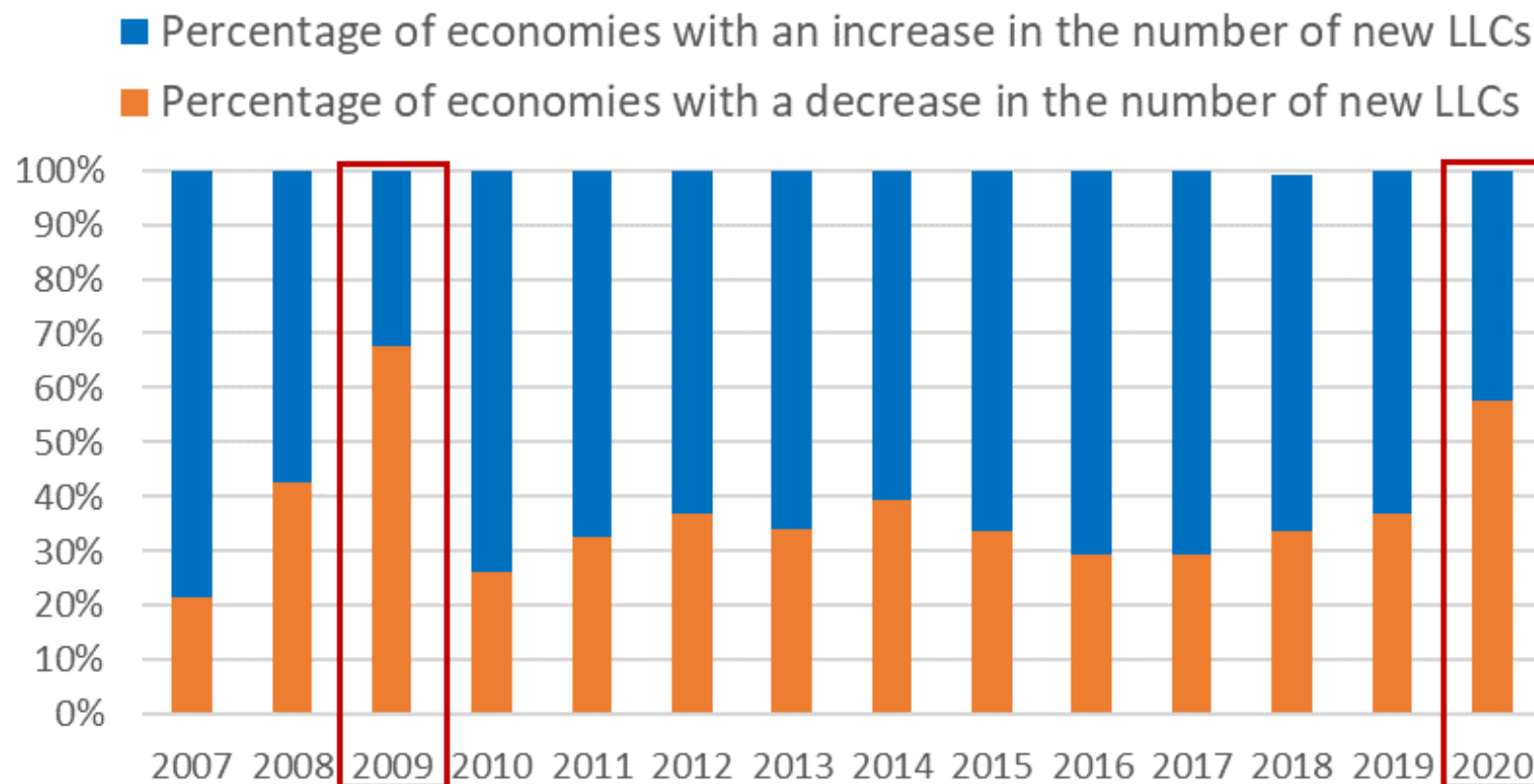


Office for
National Statistics

TRENDS IN BUSINESS ENTRY



Did economies experience an increase or decrease in business entry?



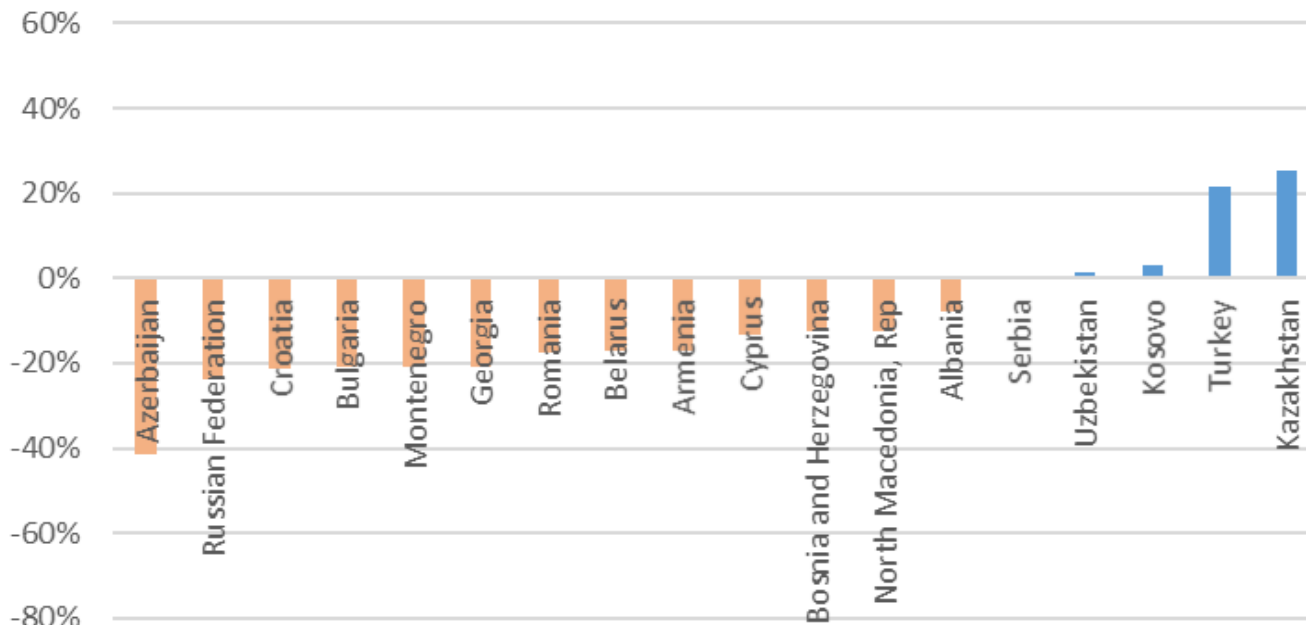
TRENDS IN BUSINESS ENTRY



Did economies experience an increase or decrease in business entry?

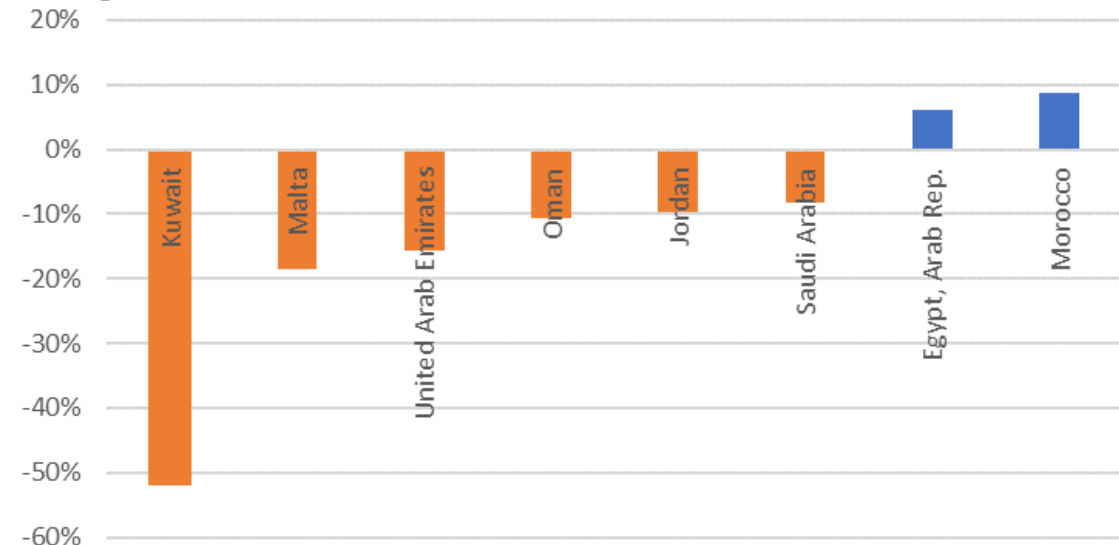
Europe and Central Asia (78% of economies with a decrease)

Change in the number of new LLCs in 2020



Middle East and Northern Africa (75% of economies with a decrease)

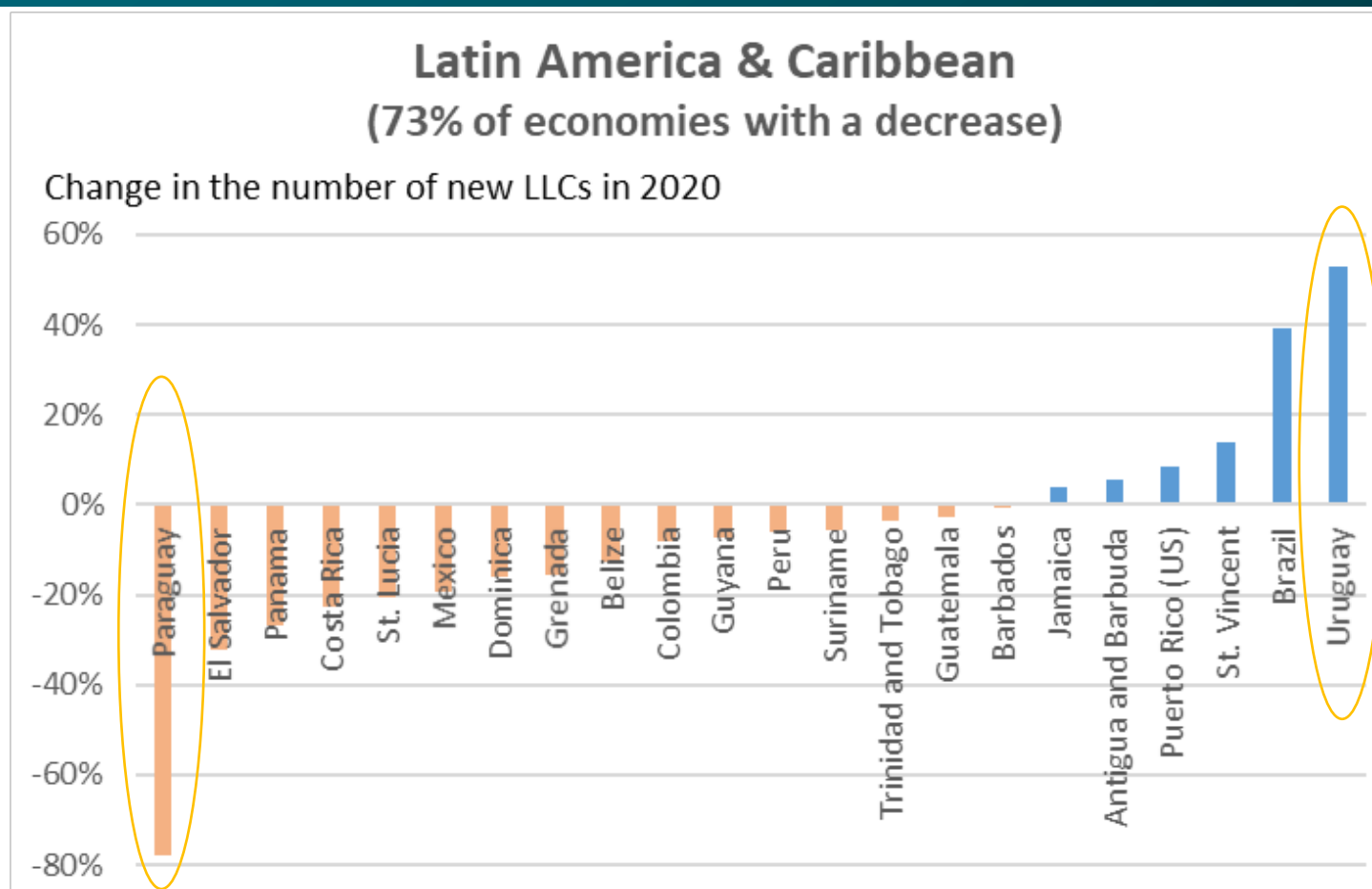
Change in the number of new LLCs in 2020



TRENDS IN BUSINESS ENTRY

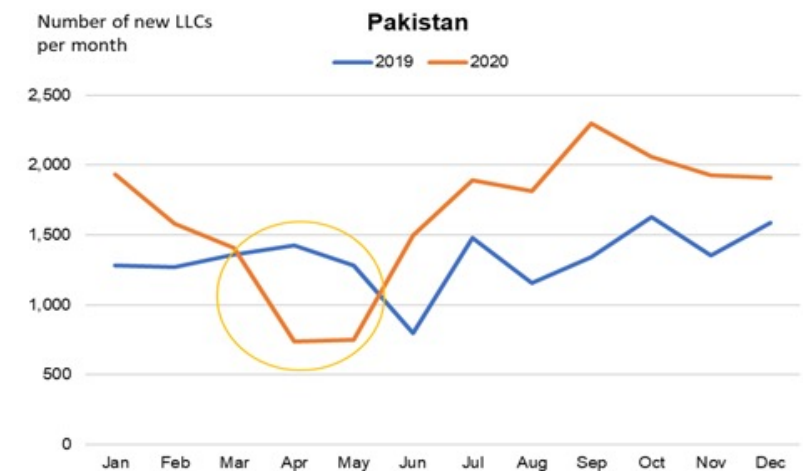
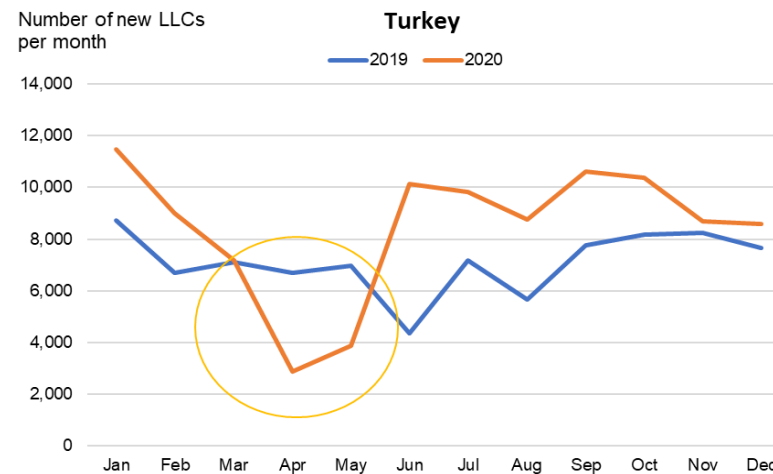
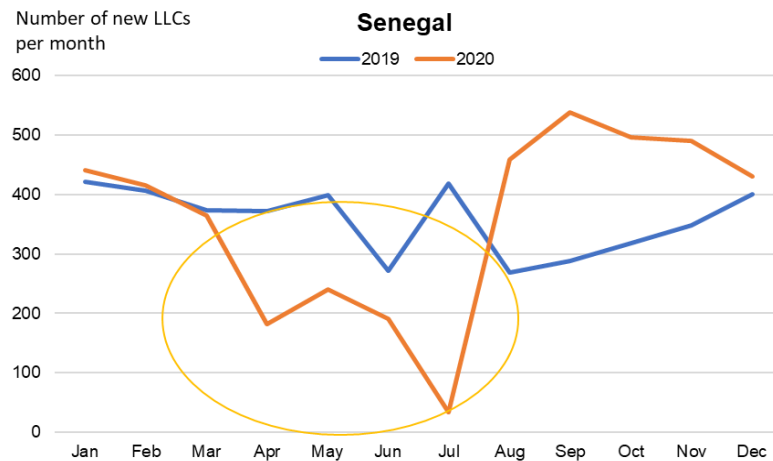
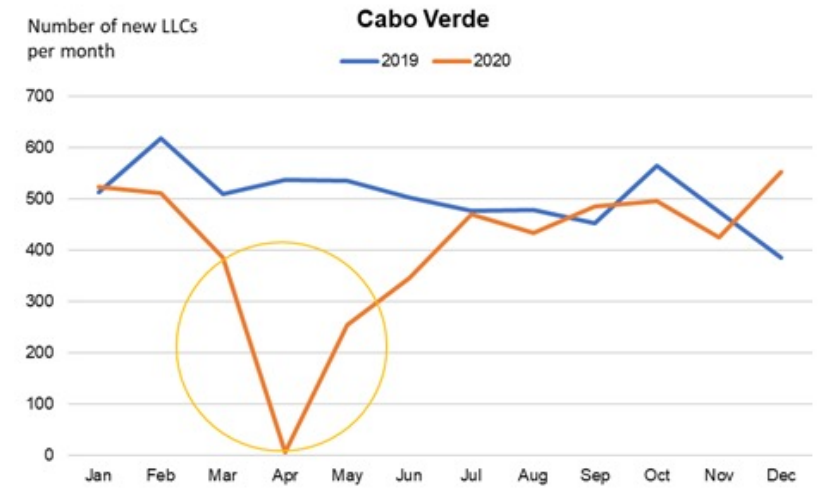
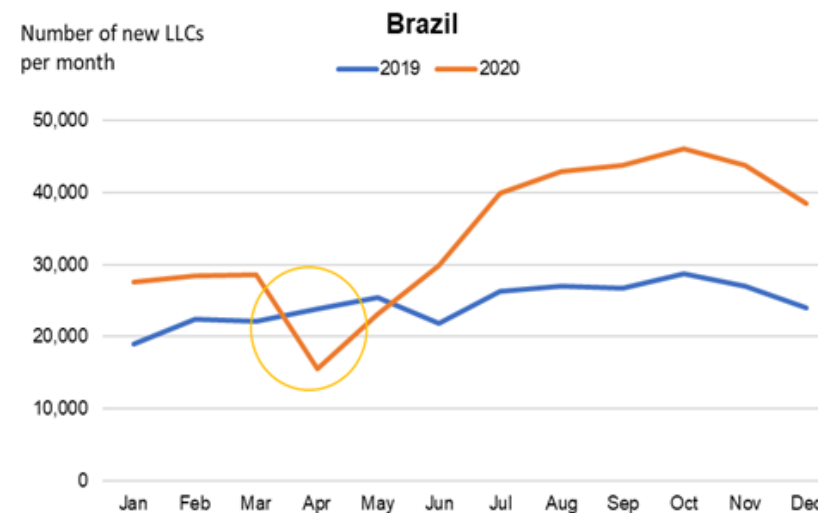
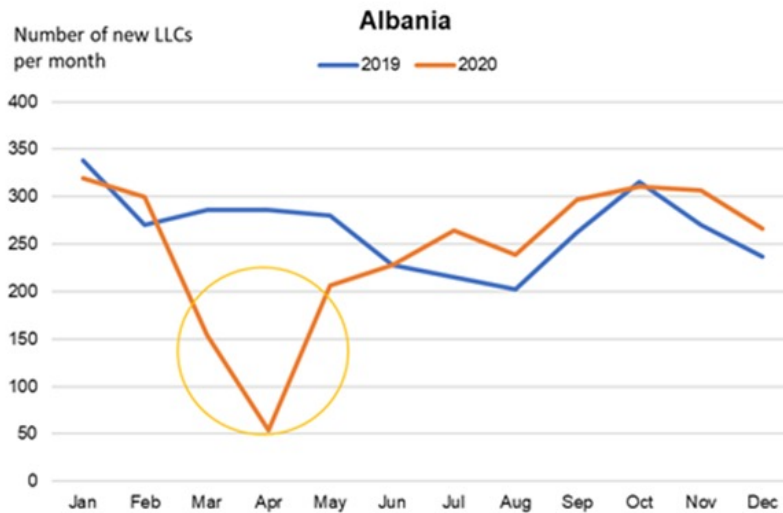


Did economies experience an increase or decrease in business entry?

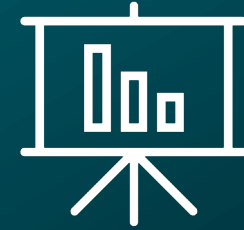


TRENDS IN BUSINESS ENTRY

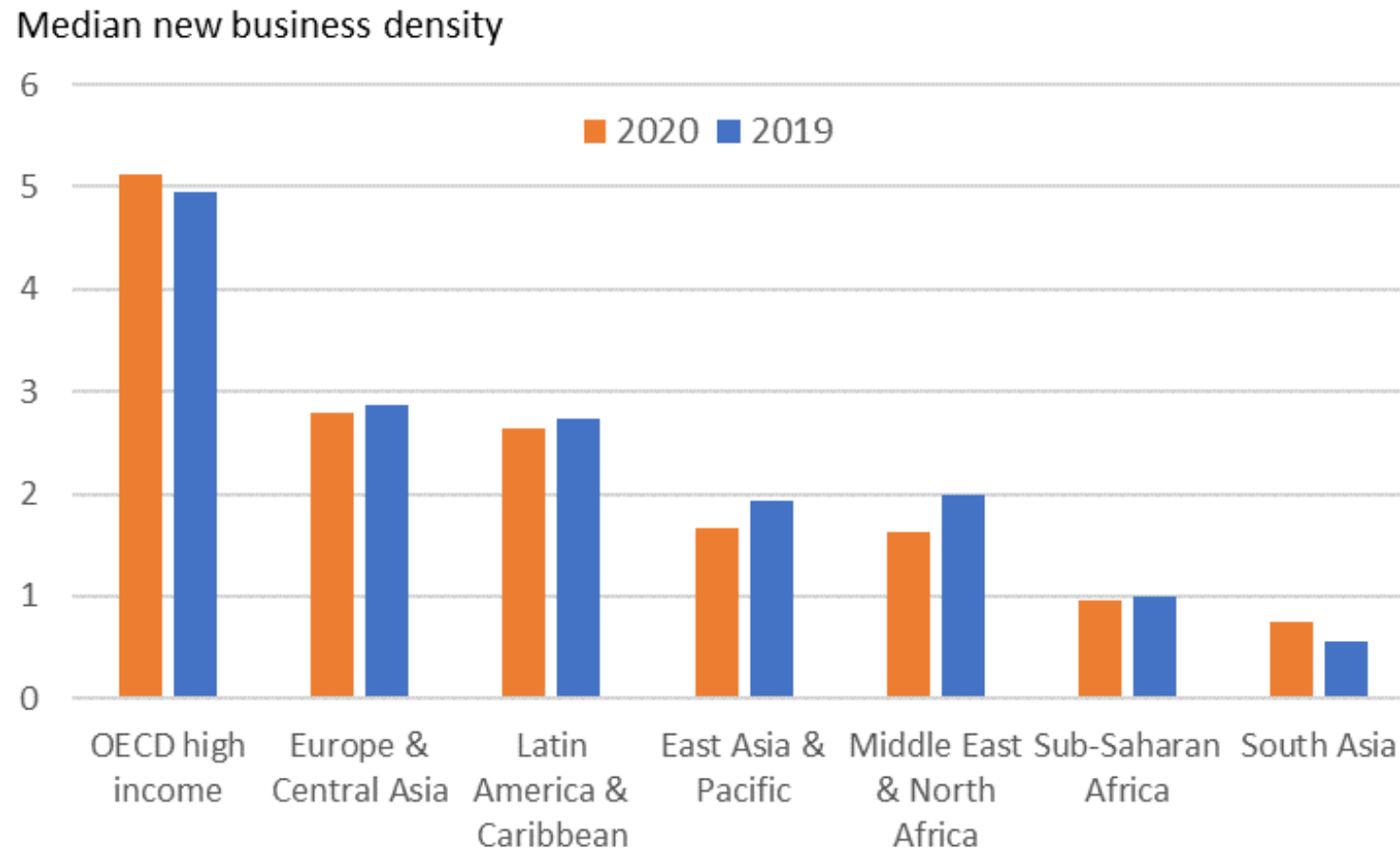
How did the COVID-19 crisis **temporarily** impact business entry?



TRENDS IN BUSINESS ENTRY



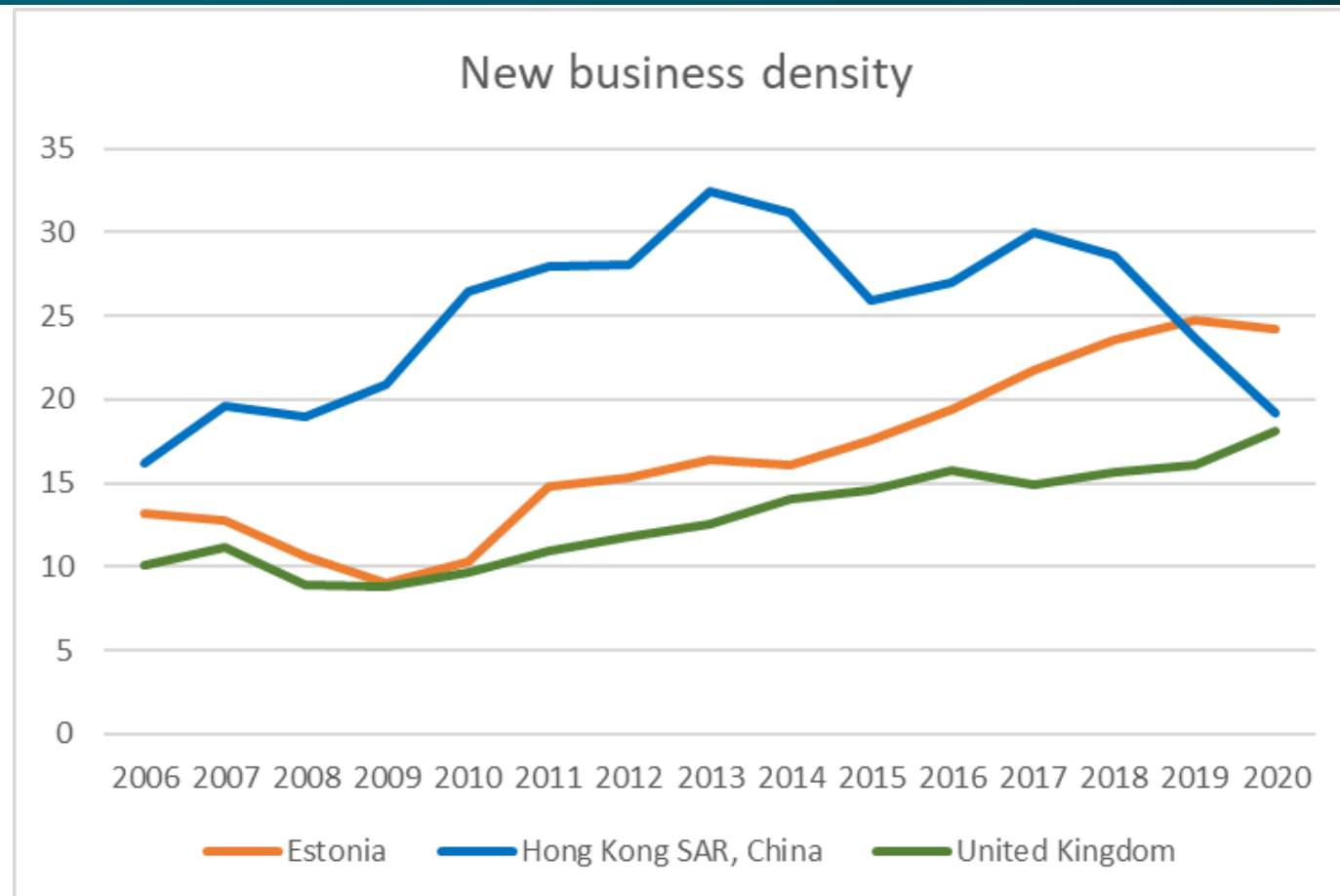
How was the **new business density** impacted?



TRENDS IN BUSINESS ENTRY



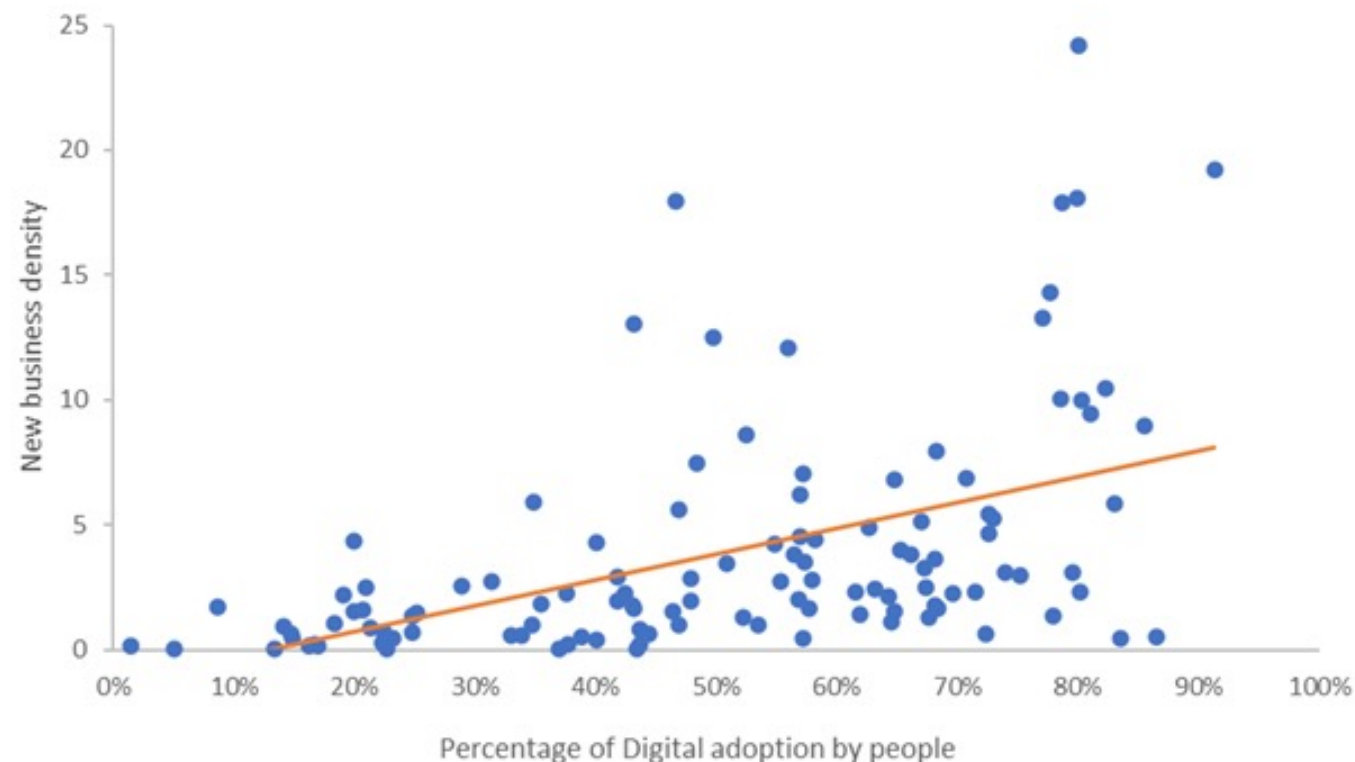
Where is the new business density the highest in the world?



ROLE OF DIGITAL TECHNOLOGY

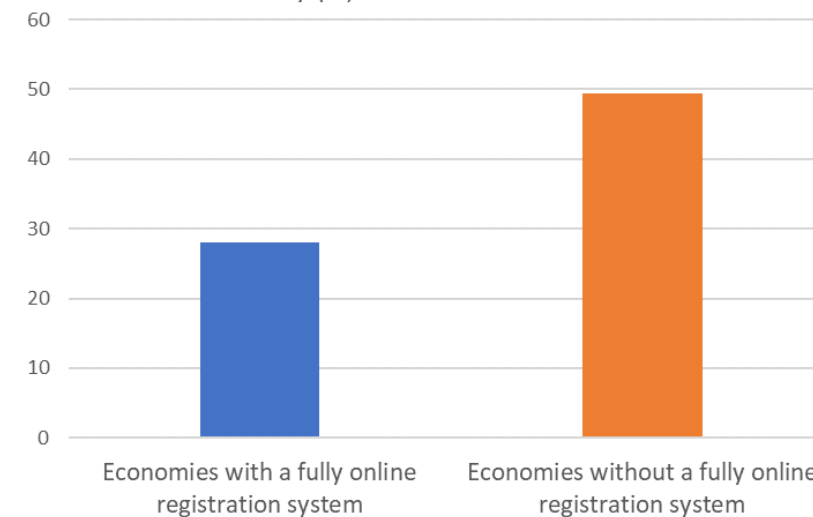


How did digital technology help mitigate the impact of COVID-19 interruptions?



Note: The relationship is significant at the 1% level.

Share of economies with an interruption of services in the area of business entry (%)



GENDER GAP IN ENTREPRENEURSHIP

How was the gender gap impacted in the past years?



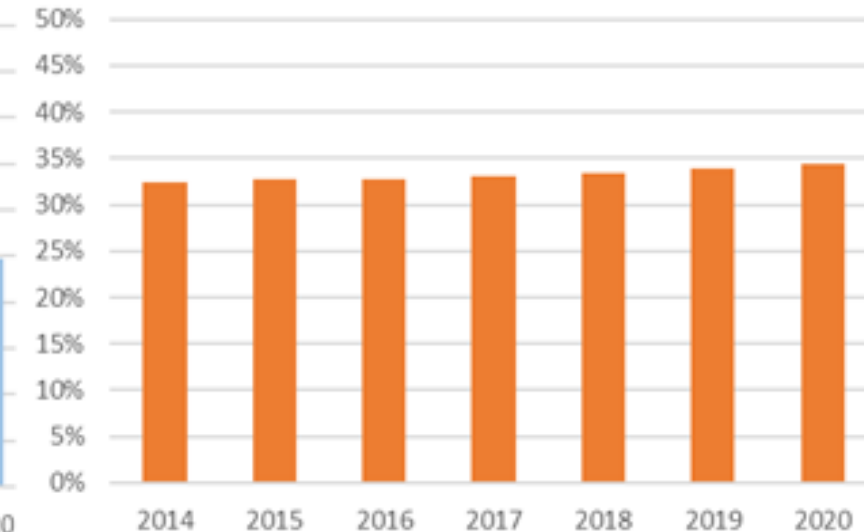
Average share of female business owners



Average share of female business directors



Average share of female sole proprietors

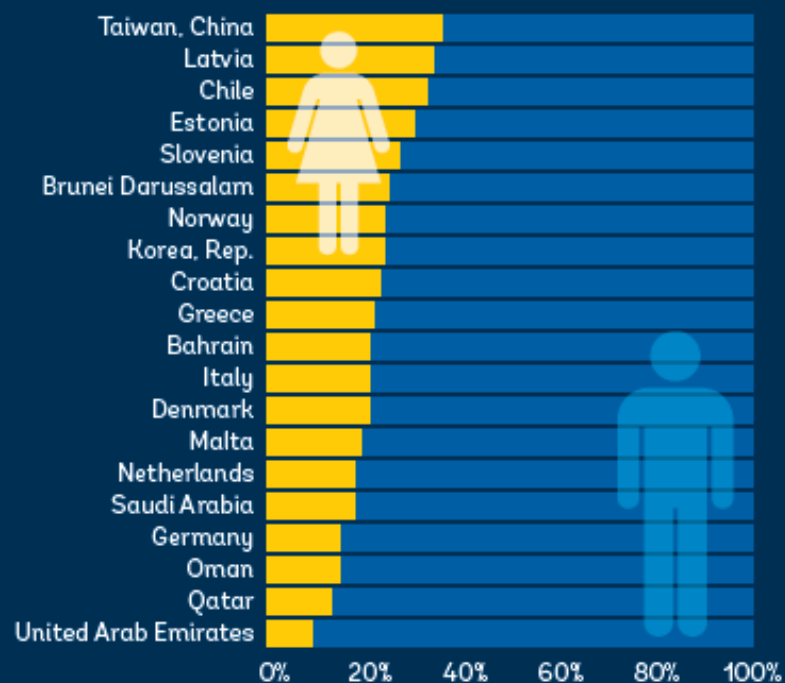


GENDER GAP IN ENTREPRENEURSHIP

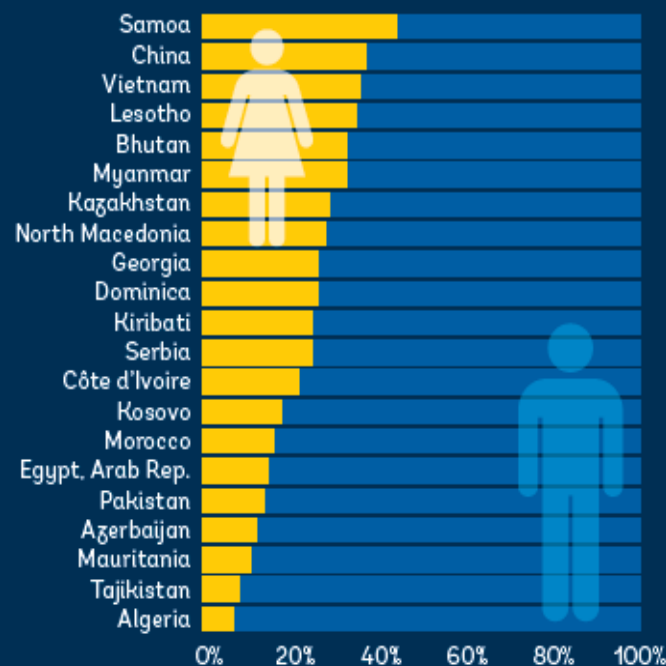


Women represent only 1/4 of owners of new businesses

HIGH income economies

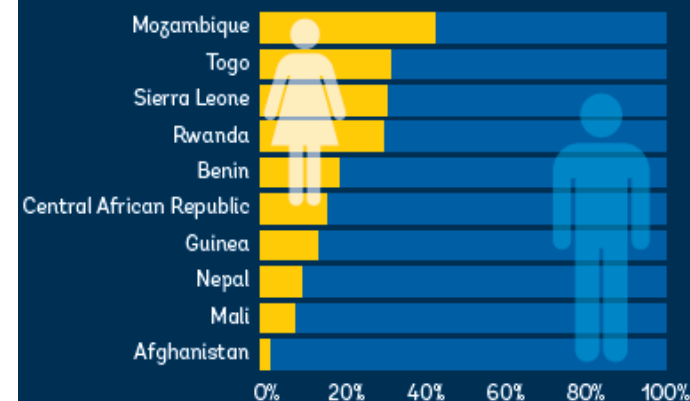


MIDDLE income economies



■ Share of female LLC owners
■ Share of male LLC owners

LOW income economies

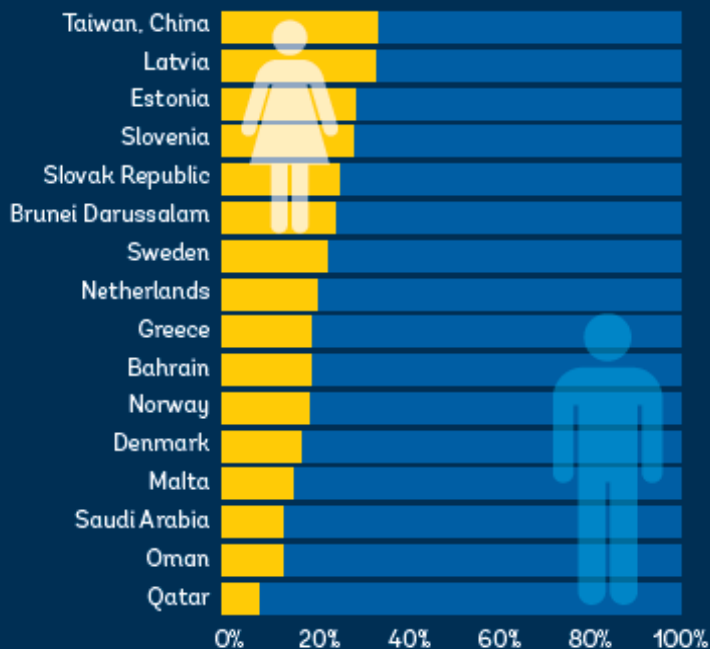


GENDER GAP IN ENTREPRENEURSHIP

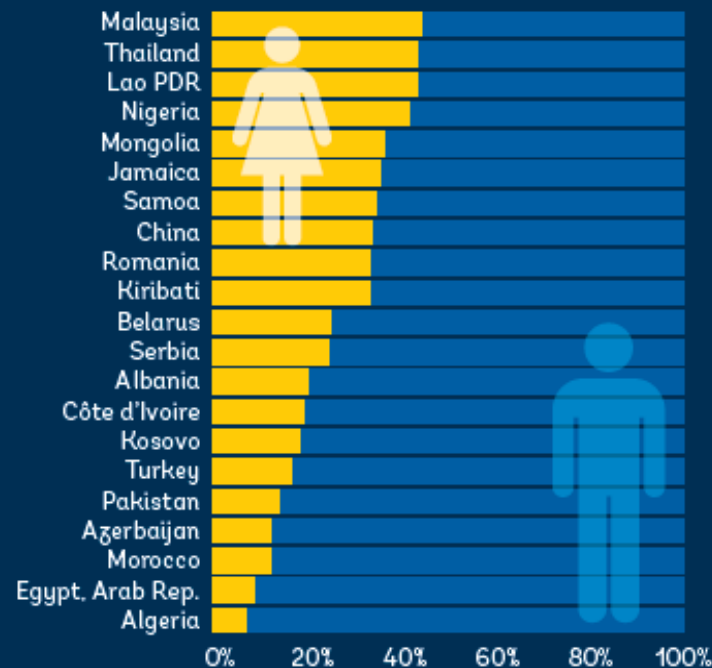


Women represent only 1/4 of directors of new businesses

HIGH income economies

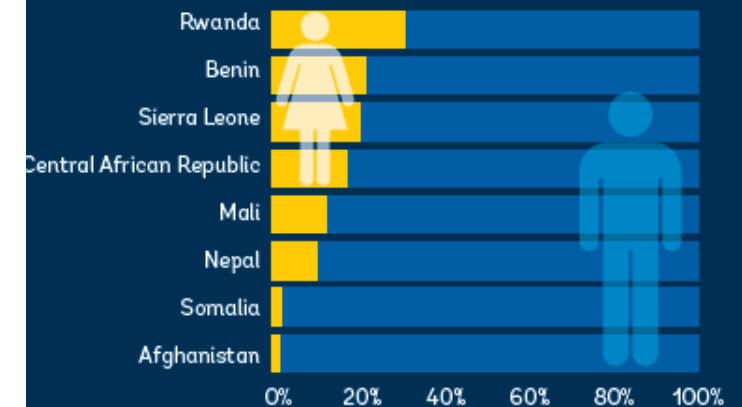


MIDDLE income economies



■ Share of female LLC directors
■ Share of male LLC directors

LOW income economies

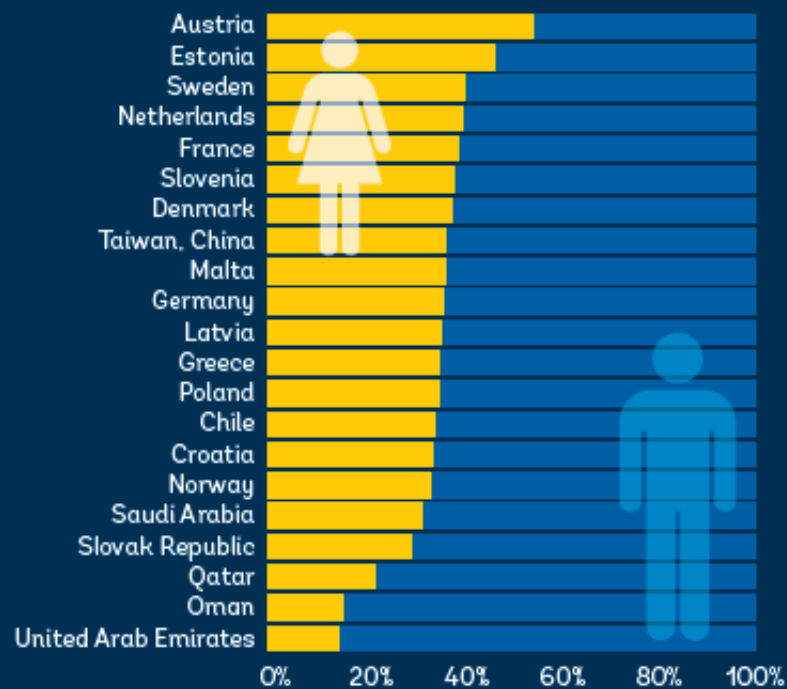


GENDER GAP IN ENTREPRENEURSHIP

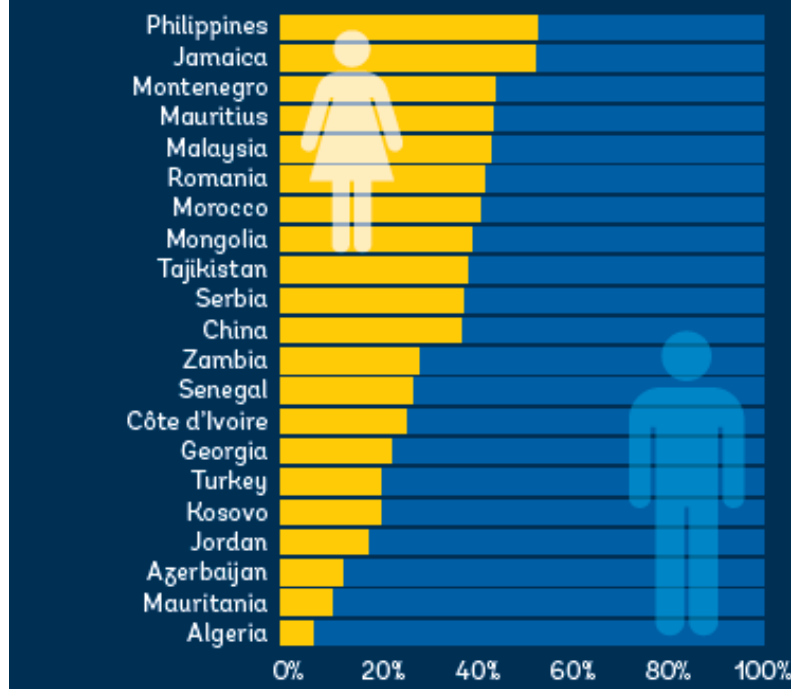


Women only represent only 1/3 of sole proprietors

HIGH income economies

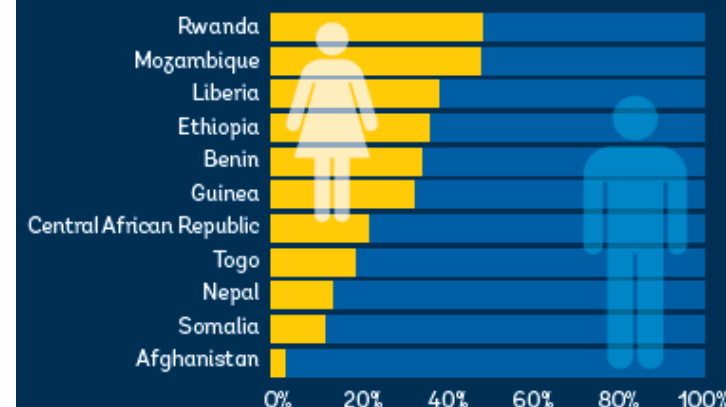


MIDDLE income economies



■ Share of female sole proprietors
■ Share of male sole proprietors

LOW income economies



GENDER GAP IN ENTREPRENEURSHIP

What are the factors associated with female entrepreneurship?

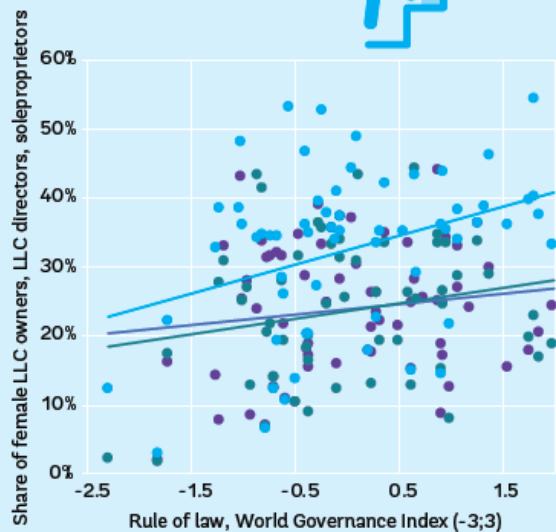
● Share of female business owners

● Share of female directors

● Share of female sole proprietors

OVERALL RULE OF LAW

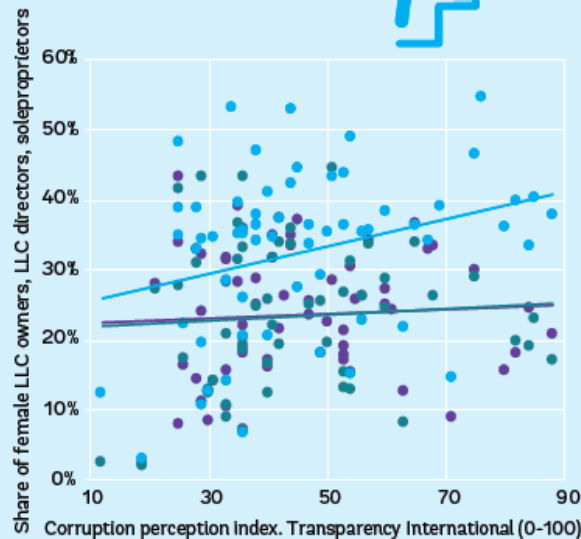
The higher the rule of law in an economy, the higher the share of female entrepreneurs



The relationships are significant at the 1% level.

CORRUPTION AND TRANSPARENCY

The higher the transparency, the higher the share of female entrepreneurs



The relationships are significant at the 5% level.

REGULATORY QUALITY

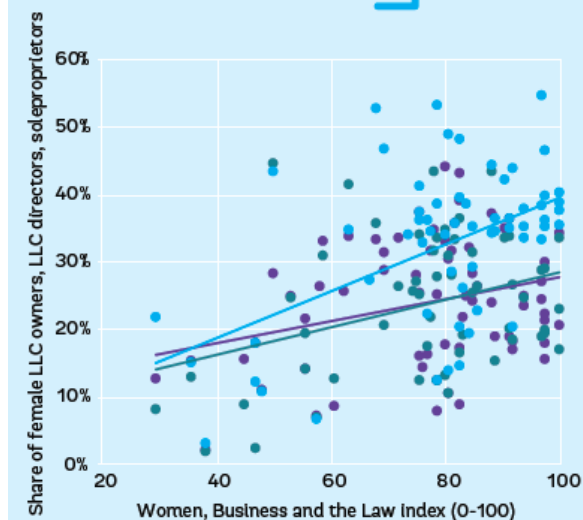
The higher the regulatory quality, the higher the share of female entrepreneurs



The relationships are significant at the 1% level.

LEGAL FRAMEWORK FOR FEMALE ENTREPRENEURS

The higher the equality in the law between men and women, the higher the share of female entrepreneurs



The relationships are significant at the 1% level.

GENDER GAP IN ENTREPRENEURSHIP

What are the factors associated with female entrepreneurship?

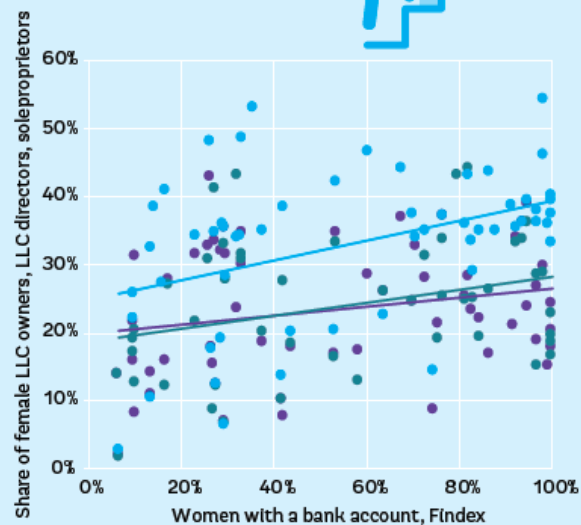
● Share of female business owners

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FINANCIAL INCLUSION

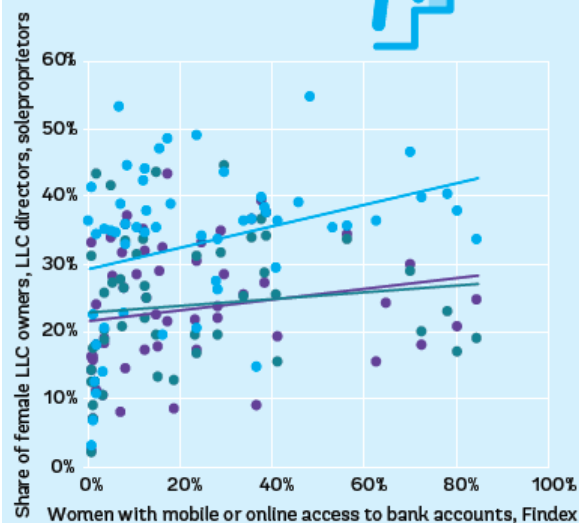
The higher the access to bank accounts for women, the higher the share of female entrepreneurs



The relationships are significant at the 1% level.

ACCESS TO TECHNOLOGY

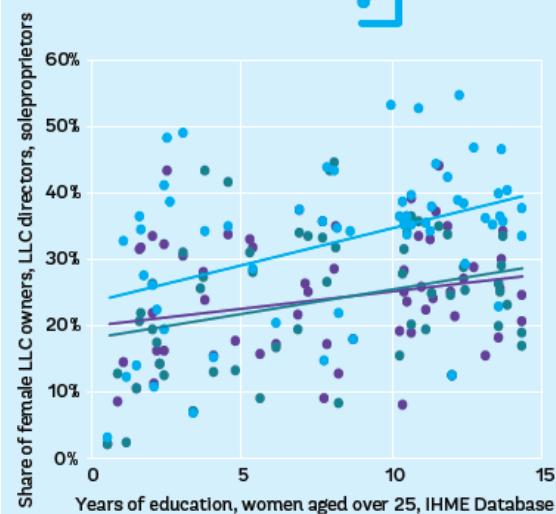
The higher the use of mobile access to accounts, the higher the share of female entrepreneurs



The relationships are significant at the 5% level.

EDUCATION

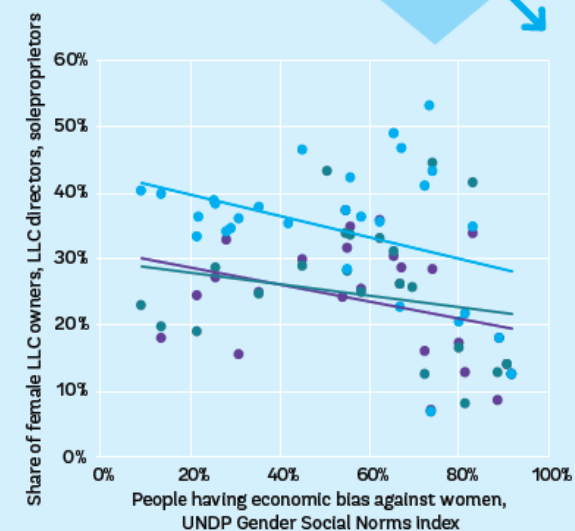
The higher the number of years of education for women, the higher the share of female entrepreneurs



The relationships are significant at the 1% level.

SOCIAL NORMS

The higher the economic bias against women, the lower the share of female entrepreneurs



The relationships are significant at the 5% level.

THANK YOU

<https://www.worldbank.org/en/programs/entrepreneurship>

