

19-09-2024

EASSST-4S- Making and Doing Transformations,  
Amsterdam, 2024

# **THE TWIN PEAKS OF THE GLOBAL AND THE LOCAL: WORLDWIDE AND MODEST INFRASTRUCTURES FOR GLOBAL HEALTH**

**MILLER DÍAZ-VALDERRAMA, NATALIA NIÑO-MACHADO, CATALINA  
GONZÁLEZ-URIBE  
CODS, UNIVERSIDAD DE LOS ANDES, COLOMBIA**

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FINANCIATION AND CONTEXT

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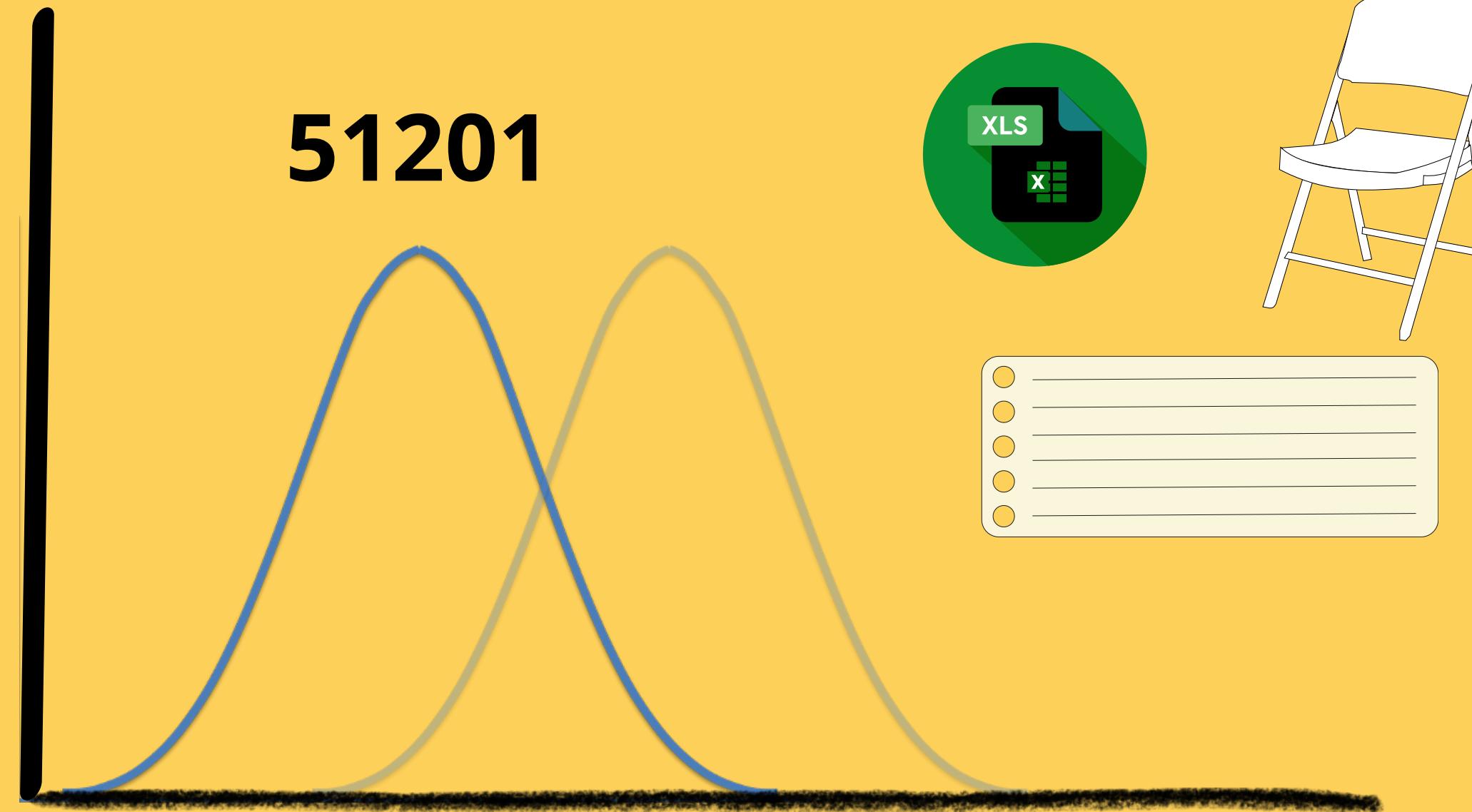
TWIN PEAKS



WELCOME  
TWIN PEAKS

Population 51,201

# TWIN PEAKS



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

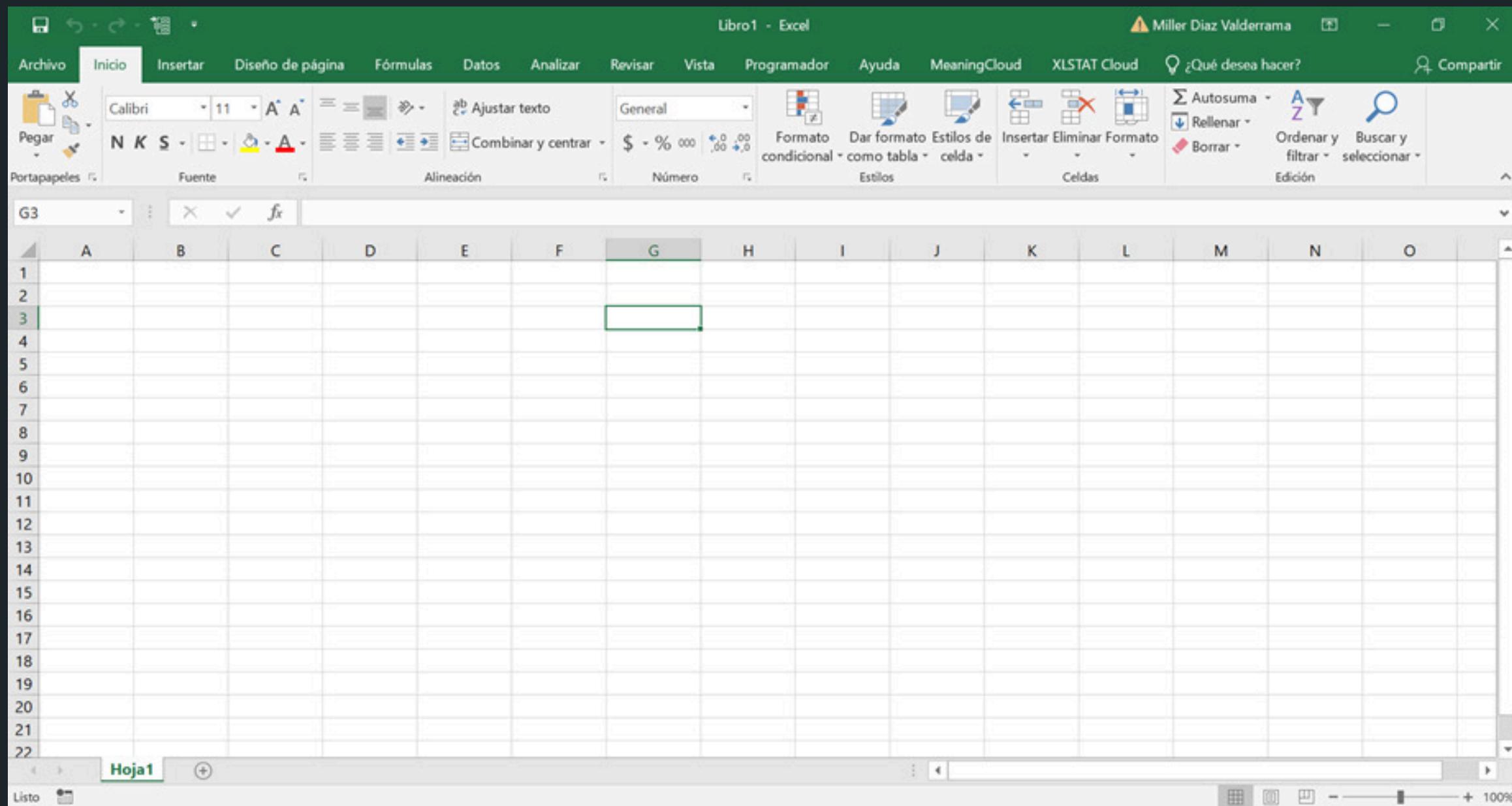
## **World Health Organization, Microsoft and Avanade join forces to develop a World Health Data Hub**

20 May 2021

Without data, it is impossible to know what impact we are having on health or how we are tracking towards our goals. We are now less than 9 years away from 2030 and have no time to lose.

# *Plasticity*

## *Opportunity vs failure*



*"With this rate of growth (of covid cases), there are probably about 100,000 cases when we have peaks, so in about a month and a half, two months (of accumulation of these data on cases), we won't be able to enter more data (on spreadsheets) and counting stops. So, one wonders whether this has already been handled before or whether it is a problem that is happening until now? and it turns to be a very old problem (...).*

*A century ago, for example, in a census of any country or things like that, in the case of the United States, a census of 5 million people without a computer, without anything, there it would be more than 1 million data by hand, so even Excel would fall short.*

*Felipe, Secretaría de Salud de Bogotá, 2021*



# Vacunación

*la llave para salir de la pandemia*



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

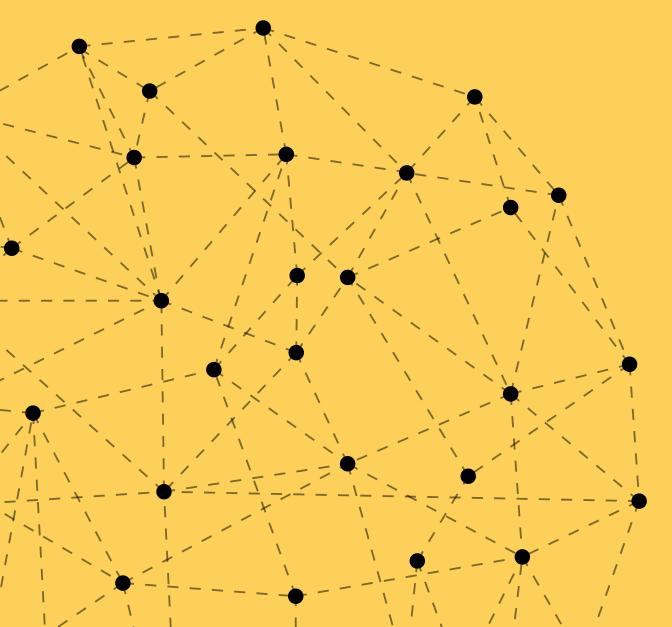
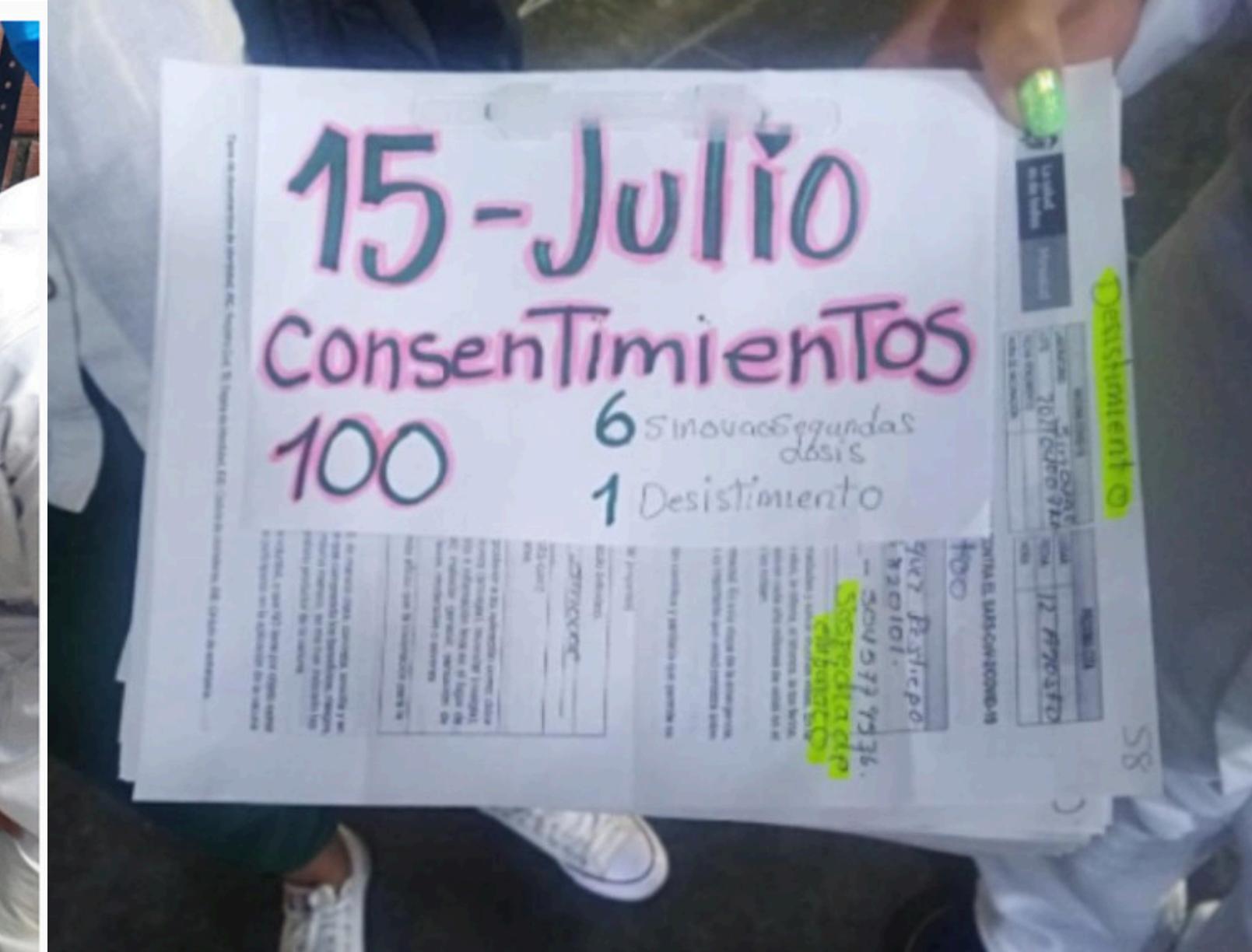
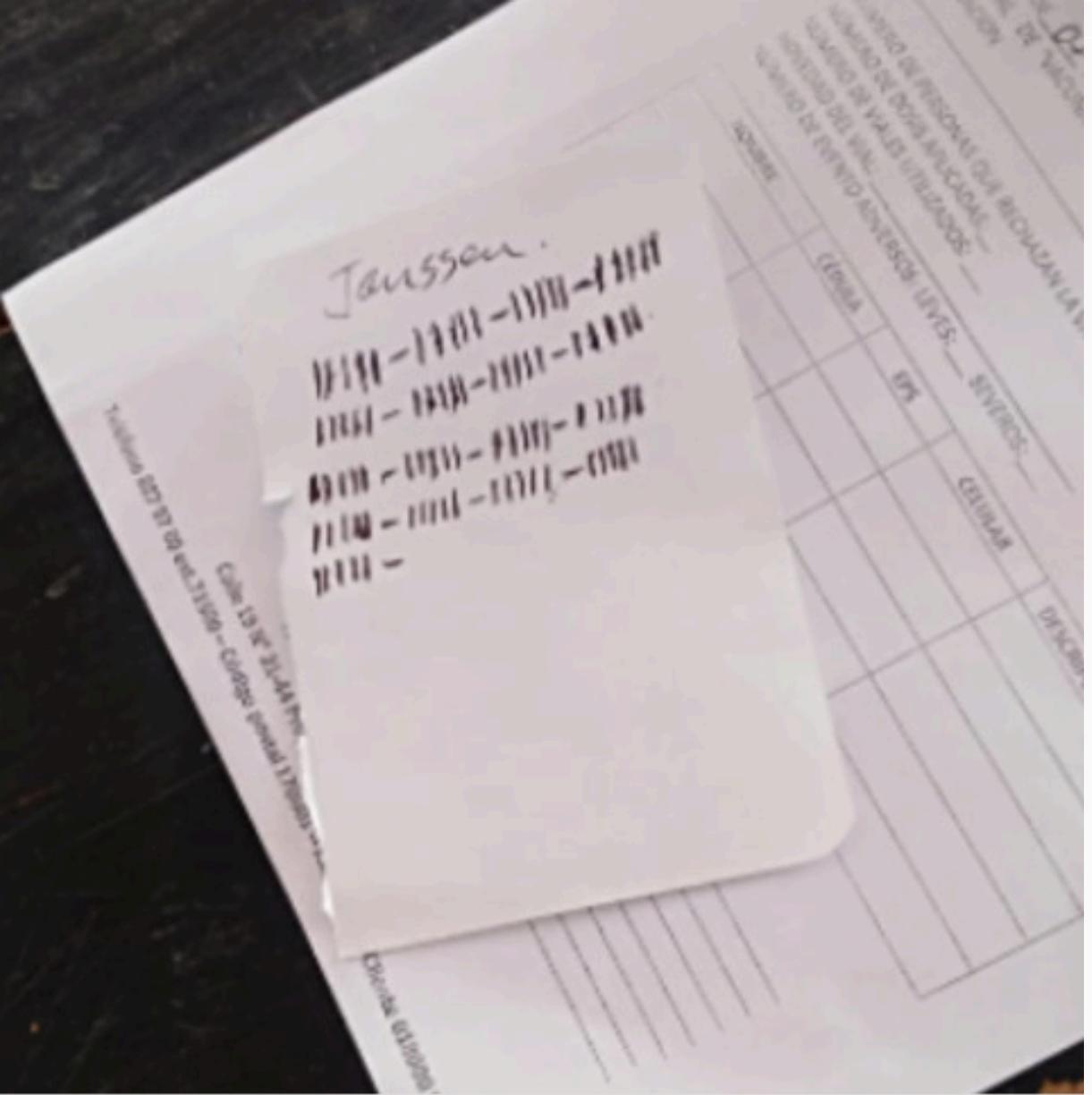
## Por logística, velocidad de vacunación no sube

A Colombia han llegado 3'362.524 dosis de vacunas, pero se han asignado 2'242.784, distribuido 2'163.447 y se han puesto 1'299.809.

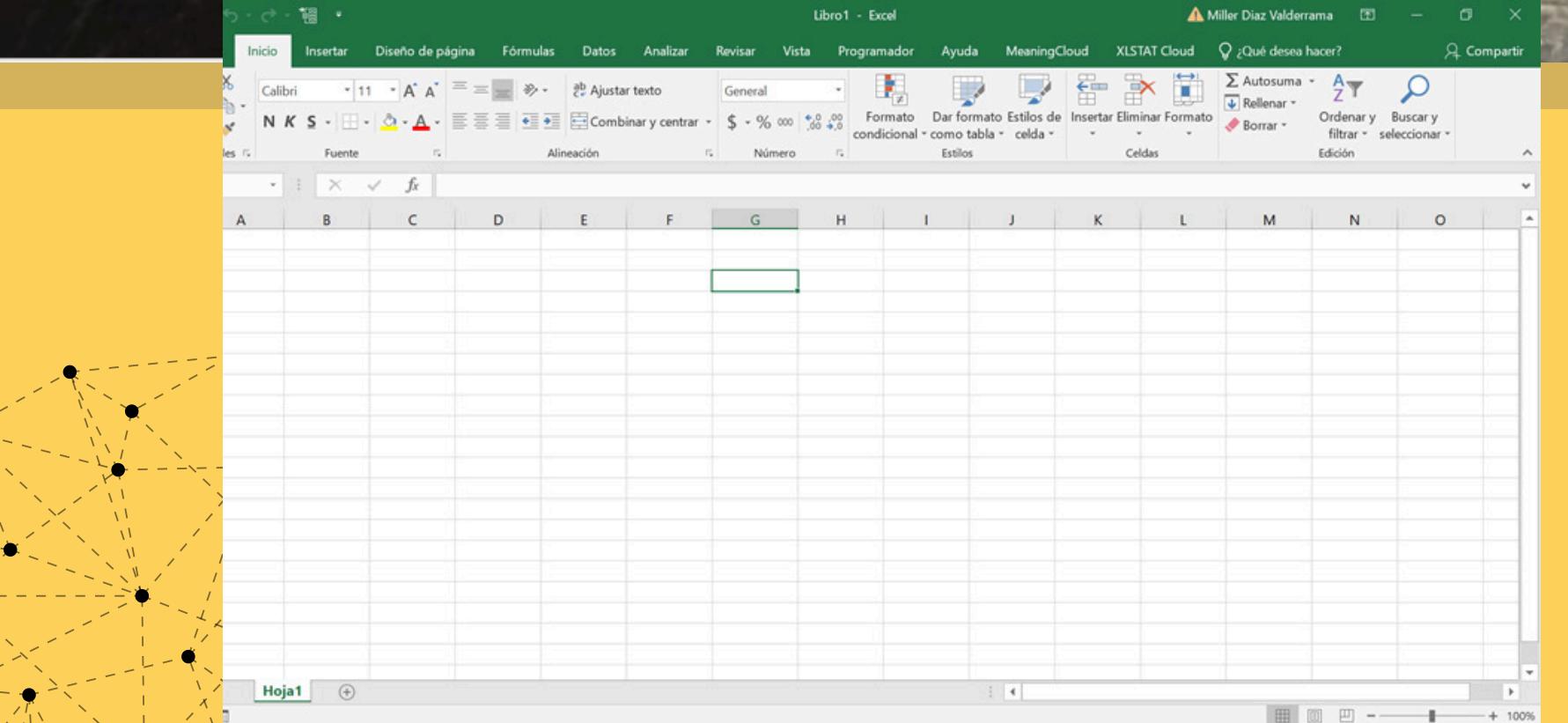
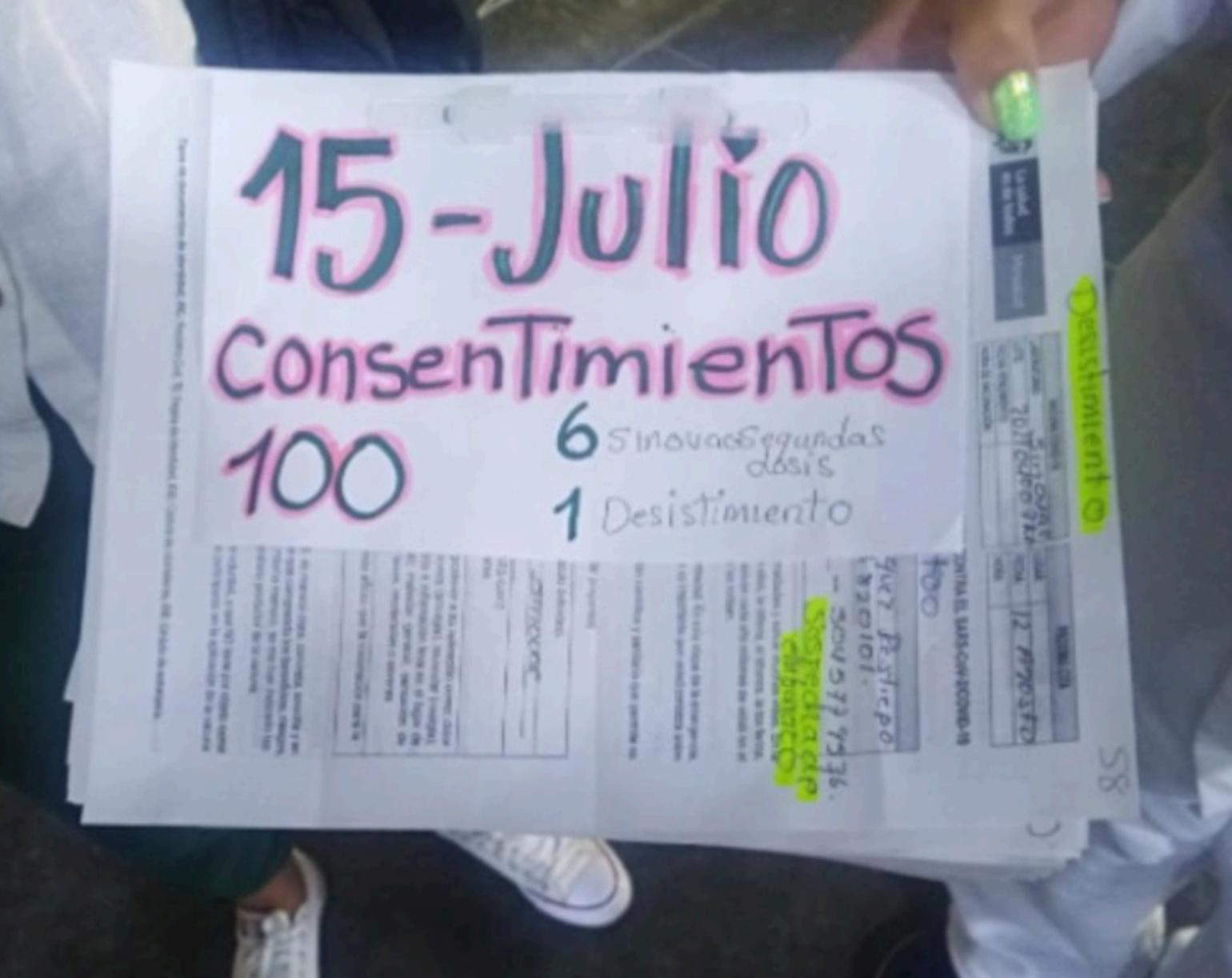
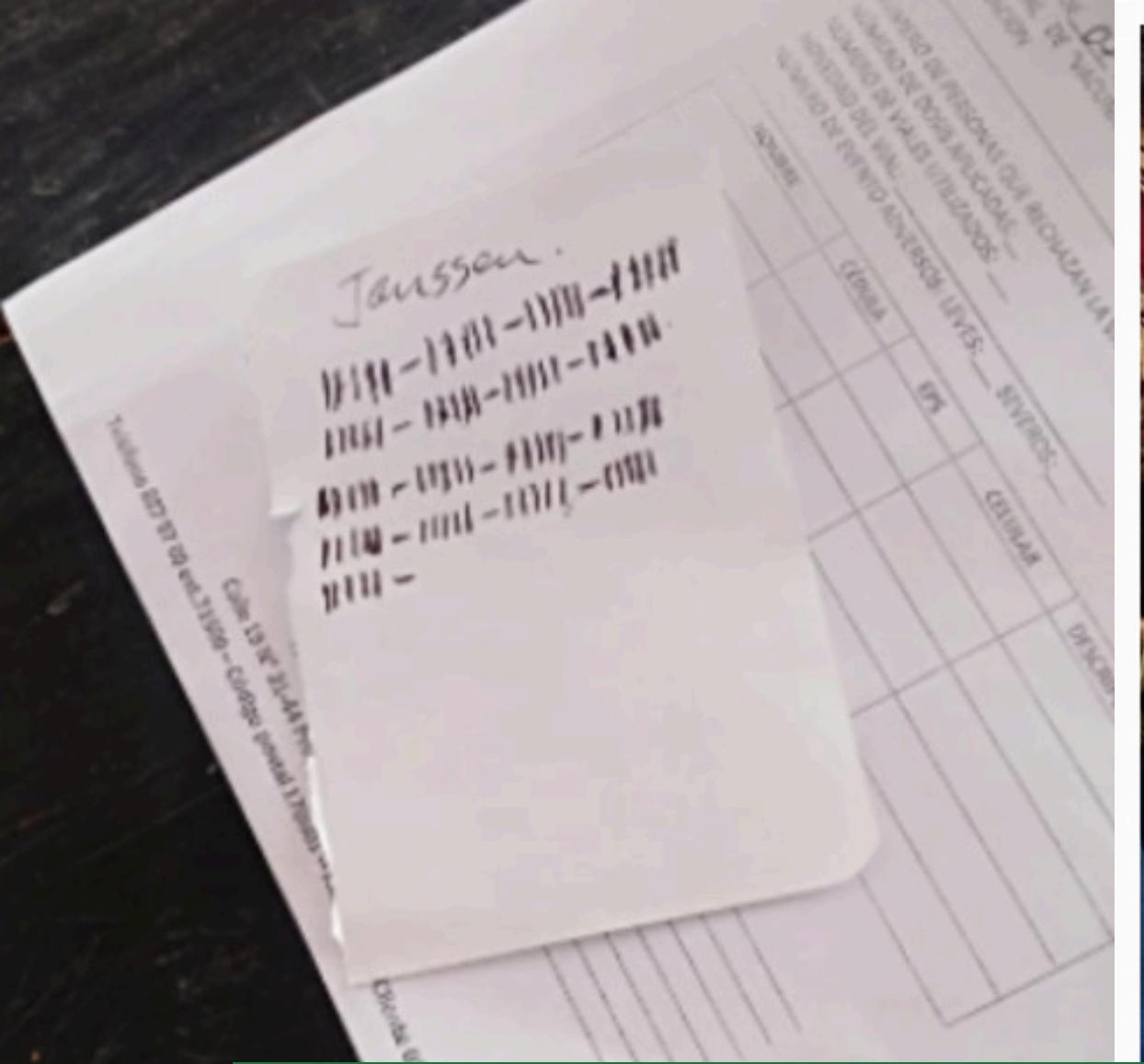


## El paso a paso de la aplicación de la vacuna contra el COVID-19

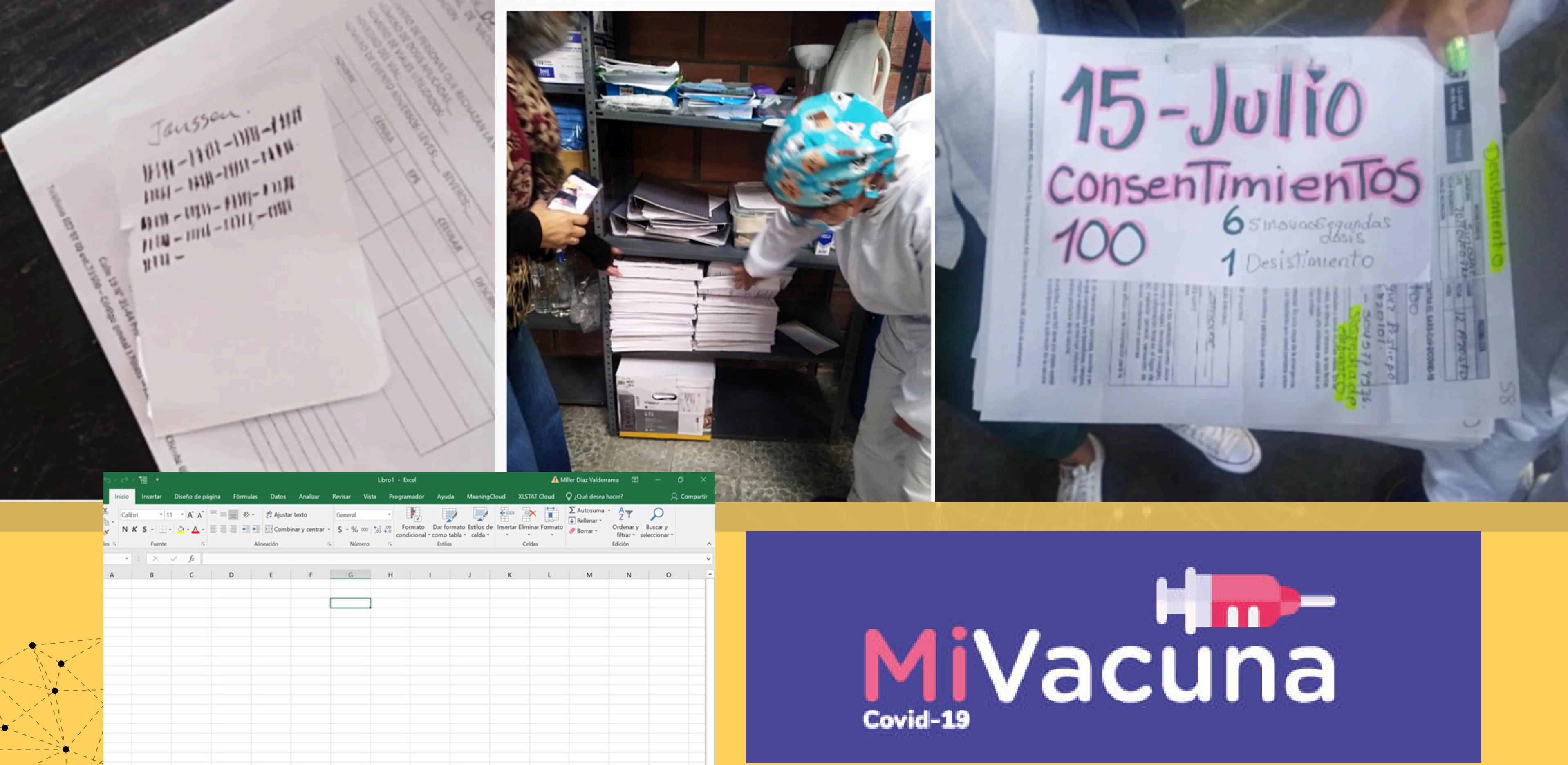




The twin peaks of the global and the local: worldwide and modest infrastructures for global health



## The twin peaks of the global and the local: worldwide and modest infrastructures for global health



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

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## A case for software development

The twin peaks of the global and the local: worldwide and modest infrastructures for global health

# A case for software development: TRACE-LAC

- Different temporalities
- Different scales
- Rutinary activities  
(spreadsheets)
- Surveillance = control,  
case by case

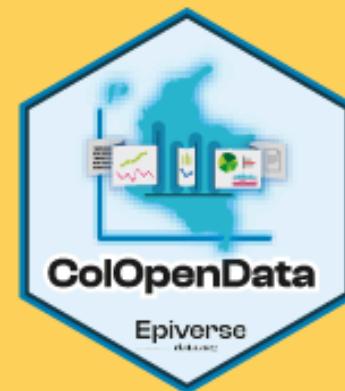


# A case for software development: TRACE-LAC

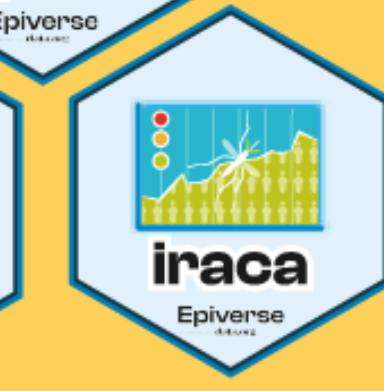
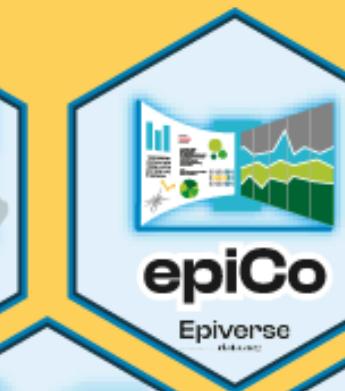
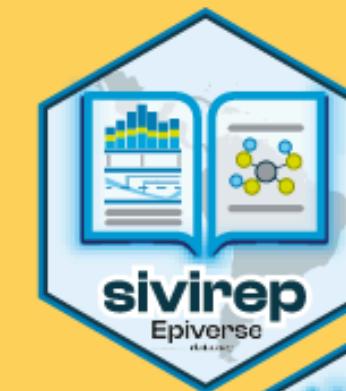
Scalable tools

Surveillance = prevention, aggregated data

EARLY TASKS



MIDDLE TASKS



LATE TASKS



The twin peaks of the global and the local: worldwide and modest infrastructures for global health

- Tools in the middle
- Frictions
- Tempering expectations
- Coordination:
- Promoting collaboration and multiple innovation



**Scaling up and scaling down:  
localism and grounding**

# MODEST INFRASTRUCTURES

make possible action  
and the bet on future  
actions in times of  
precariousness



flexible, fragile and  
contingent, and often  
overshadowed by the  
imagination of promising  
technological futures



Not aimed at big  
solutions, but  
mundane purposes



Flexible, fragile,  
contingent.

Research Papers

# The masking and making of fieldworkers and data in postcolonial Global Health research contexts

Patricia Kingori & René Gerrets 

Pages 494-507 | Received 23 Jan 2019, Accepted 13 Apr 2019, Published online: 04 Jun 2019

Editorial

# Why the pseudo matters to global health

Patricia Kingori & René Gerrets 

Pages 379-389 | Received 27 Feb 2019, Accepted 30 Mar 2019, Published online: 04 Jun 2019

 Cite this article

 <https://doi.org/10.1080/09581596.2019.1605155>

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 Free access | Research article | First published online June 14, 2018

Data Cleaners for Pristine Datasets: Visibility and Invisibility of Data Processors in Social Science

[Jean-Christophe Plantin](#)  [View all authors and affiliations](#)

[Volume 44, Issue 1](#) | <https://doi.org/10.1177/0162243918781268>

Articles

# Care, collaboration, and service in academic data work: biocuration as ‘academia otherwise’

Sarah R. Davies  & Constantin Holmer

Pages 683-701 | Received 31 Jul 2023, Accepted 01 Feb 2024, Published online: 19 Feb 2024

 Cite this article

 <https://doi.org/10.1080/1369118X.2024.2315285>

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# MODEST INFRASTRUCTURES

Not mere oposition,  
but coexistence

The work of sustenance  
behind big  
“innovation” and  
technological  
enterprises.



The possibility of  
challenging univocal  
discourses of innovation  
and technological  
transformation

# Epiverse TRACE LAC



| VIGILADA MINEDUCACIÓN |



## Gracias | Thank you

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