

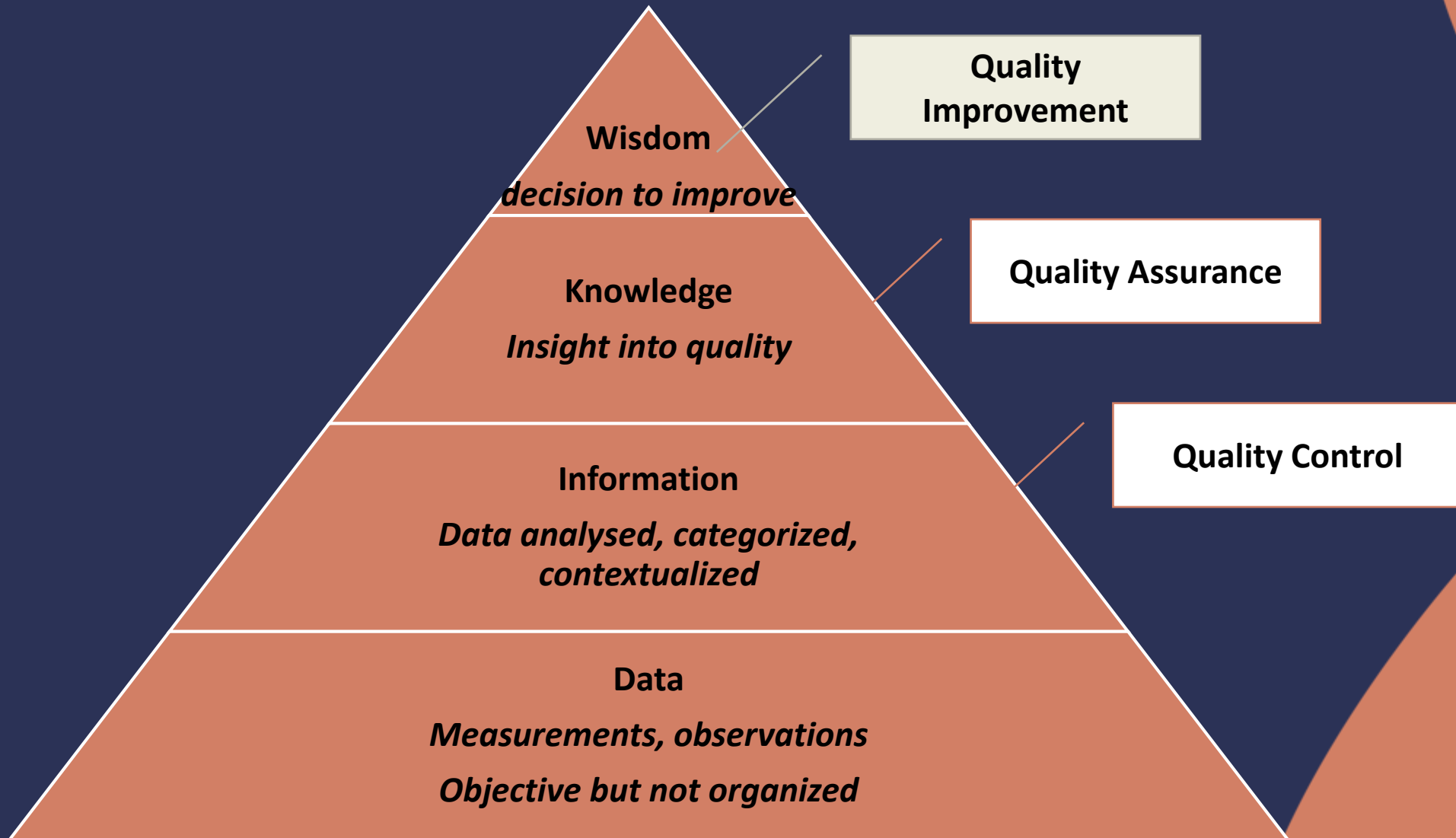
# Cancer Screening in 5 Continents – an initiative to improve quality of cancer screening

**Partha Basu MD, FRCOG, PhD**  
Head, Early Detection, Prevention & Infections Branch

The screenshot shows the homepage of the CanScreen5 website. At the top, it features the logos for the International Agency for Research on Cancer (IARC) and the World Health Organization (WHO), alongside the 'CANSCREEN5' logo. A navigation menu includes 'ABOUT', 'DATA & METHODS', 'FACT SHEETS', 'ANALYSIS', 'CONTRIBUTORS', and 'HELP'. The main content area contains a paragraph describing the project's aim to collect and disseminate information on cancer screening programs globally. Below this is an 'EXPLORE' section with six interactive tiles: 'BREAST CANCER' (pink), 'CERVICAL CANCER' (teal), 'COLORECTAL CANCER' (dark blue), 'POPULATION' (light blue with a world map), 'ANALYSIS TOOLS' (light blue with a bar chart), and 'TRAINING available soon' (light blue with a person at a computer). At the bottom, three icons represent the project's goals: 'Collect and disseminate information on cancer screening practices and programmes globally', 'Harmonize data collection for the evaluation of screening programmes', and 'Assist countries in organizing their health information systems for continuous quality improvement of screening programmes'. The footer includes contact information for IARC and a copyright notice for 2018.

<http://canscreen5.iarc.fr/>

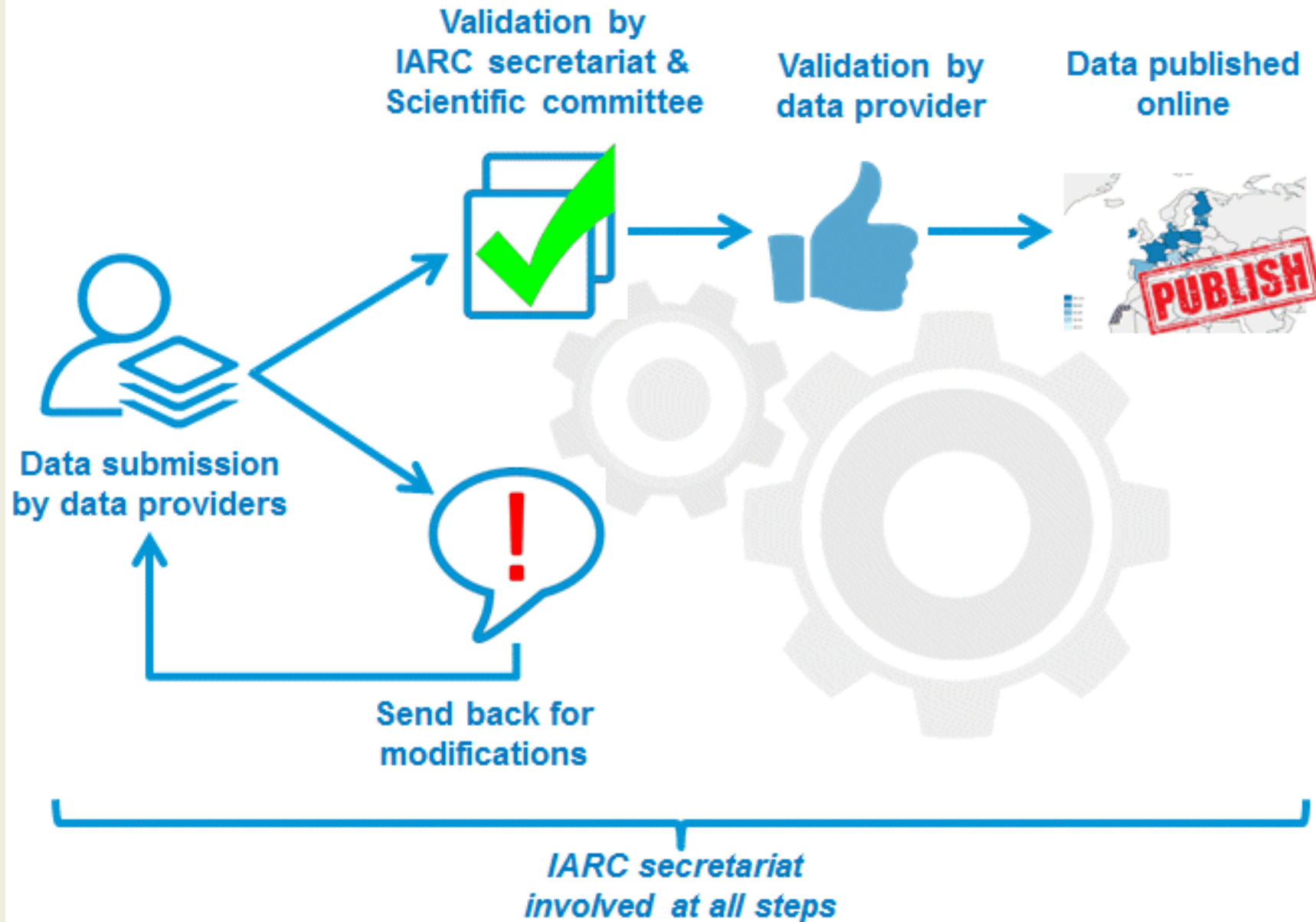
# Utilizing data for program quality improvement



## CanScreen5 - objectives

- Collect information on cancer screening practices and programmes globally
- Harmonize data collection and data analysis for the comparative evaluation of screening programmes
- Encourage countries to utilize health information system to improve programme quality
- Capacity-building of service providers and programme managers in quality assurance
- Disseminate information to assist planning, evaluation and quality improvement of programmes.

# Data validation process



# CanScreen5

Reports cancer screening policies, protocol, organization, governance & quality assurance mechanism using a landscape survey questionnaire

International Agency for Research on Cancer  
World Health Organization

# CanScreen5

Home / Fact sheets / Cuba / Cervical qualitative data

## COUNTRY FACT SHEET: CUBA

Country Breast **Cervical** Colorectal

### CERVICAL CANCER SCREENING PROGRAMME

Reporting year for qualitative data: **2021**  
Source of qualitative data: **Directly from Programme**

### ORGANIZATION OF SCREENING

An individual/team/institution responsible to coordinate the programme:	<b>Yes</b>
Dedicated budget for screening programme:	<b>Yes</b>
Documented cancer screening policy:	<b>Yes</b>
Nature of documentation of the policy:	<b>Notification</b>
Year programme was initiated:	<b>1968</b>
Programme introduction was preceded by a pilot:	<b>No</b>
Screening tests provided free of charge:	<b>Yes</b>
Diagnostic tests provided free of charge:	<b>Yes</b>
Treatment services provided free of charge:	<b>Yes</b>

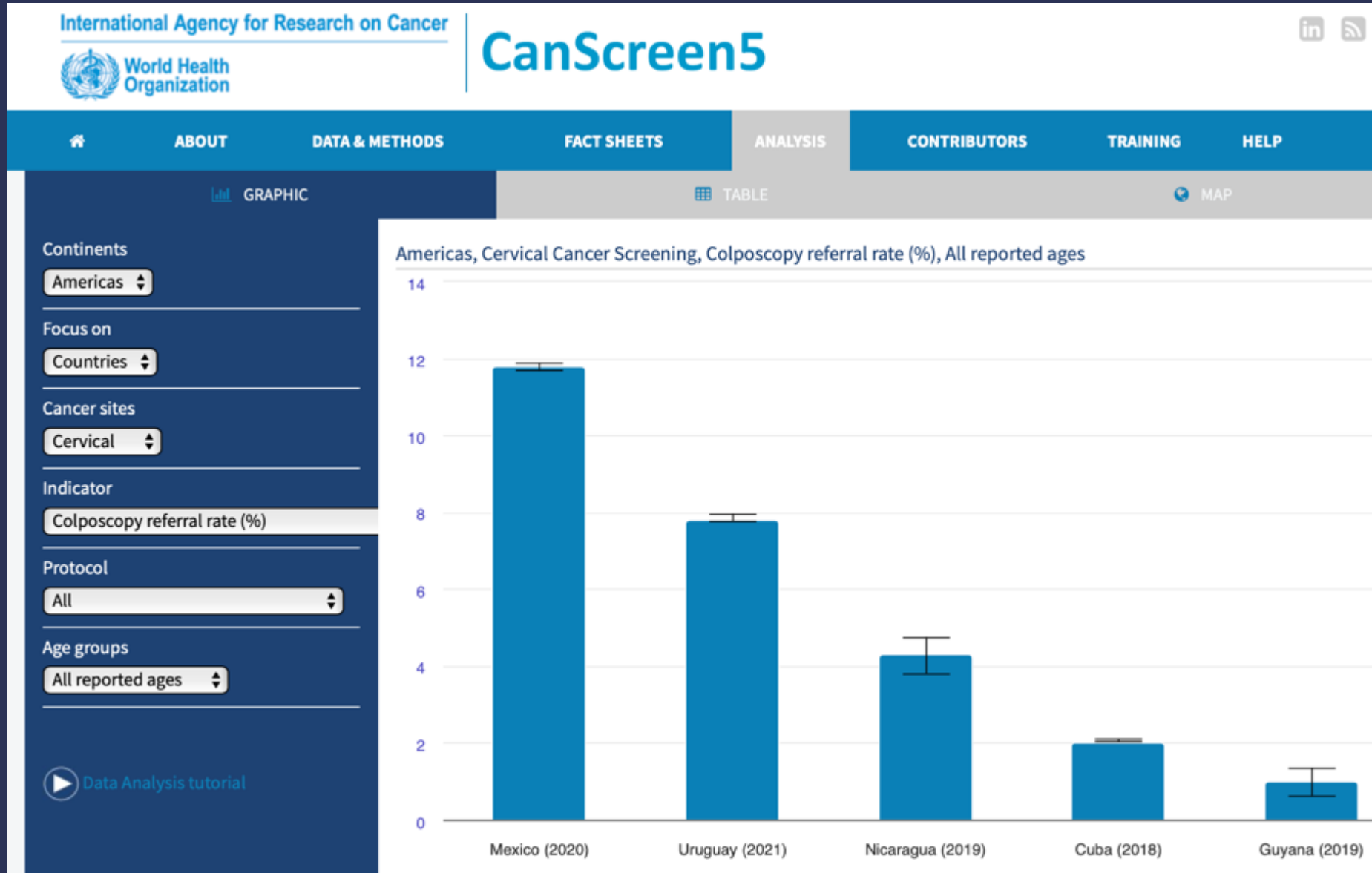
### INFORMATION SYSTEM AND DATA COLLECTION

System that collects data:	<b>Aggregated</b>
• Identification of eligible population:	-
• Screening participation:	<b>Aggregated</b>
• Screening test results:	<b>Aggregated</b>
• Further assessment:	<b>No</b>
• Final pathology diagnosis:	<b>No</b>
• Cancer staging:	<b>No</b>
• Treatment:	<b>No</b>
The information system exists at national or sub-national level:	<b>Individual: Unknown Aggregated: National</b>
The information system collects data outside the programme (opportunistic screening/private sector):	<b>No</b>
Cancer screening data is linked with population-based cancer registry (PBCR):	<b>PBCR exists but not linked</b>

### SCREENING PROTOCOL

A screening protocol or guideline:	<b>Yes</b>
Year of published/updated protocol:	<b>2018</b>
Target age (min-max) and screening interval [months] for each test:	<b>Cytology (25-64 years / [36 months])</b>
Triaging test used:	<b>None</b>

# Data collection using harmonized KPIs allows comparison



# Improving the Quality of Cancer Screening

SELF-PACED LEARNING PROGRAMME

 English  Русский

© Alpha Stock Images

For cancer screening programme managers, clinicians, nurses and midwives, and social and community workers

Share this resource



**3 online learning modules**

Of about 1.5 to 2 hours each



**Case studies and quizzes**

In each module, to consolidate new knowledge



**Pre-course test and final test**

To measure your progress



**References**

Quick links to references and resources









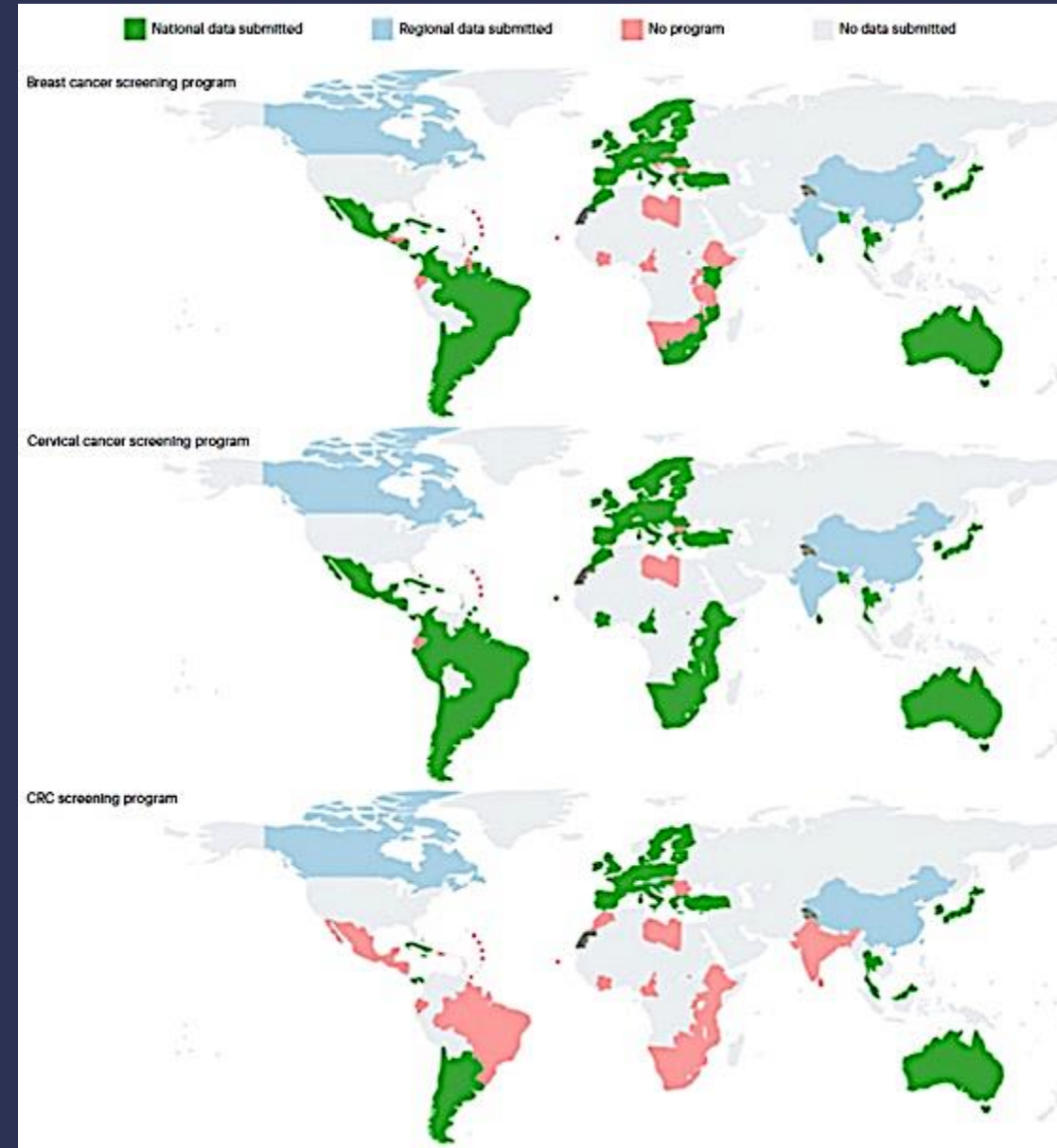
# CanScreen5, a global repository for breast, cervical and colorectal cancer screening programs

Data were obtained from

**57** breast ca screening programs, 4 from Africa, 16 from the Americas, 9 from Asia, 27 from Europe and Australia

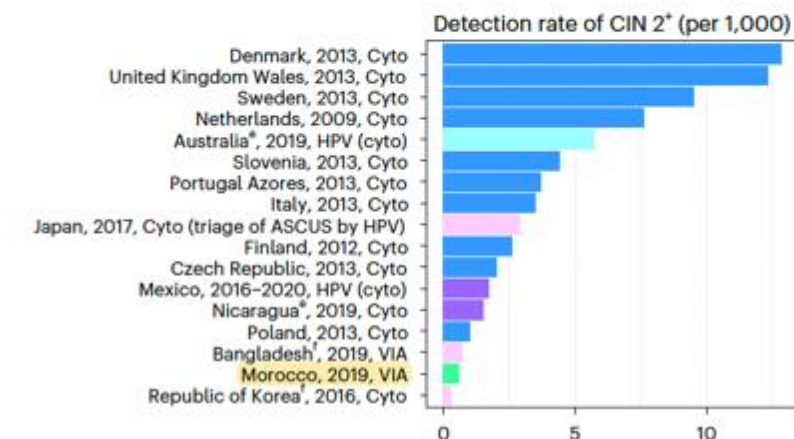
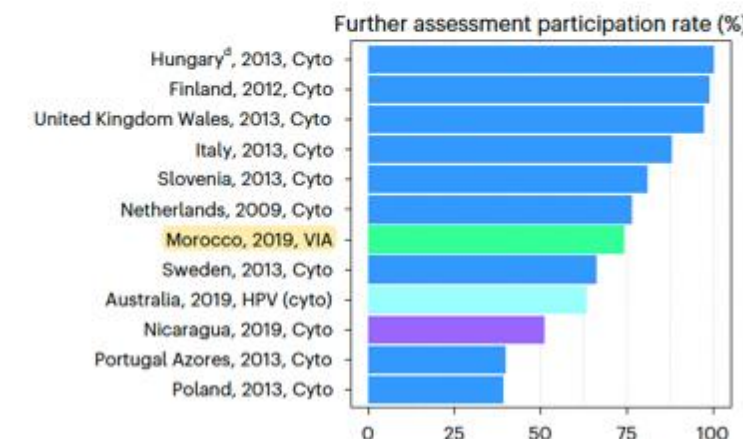
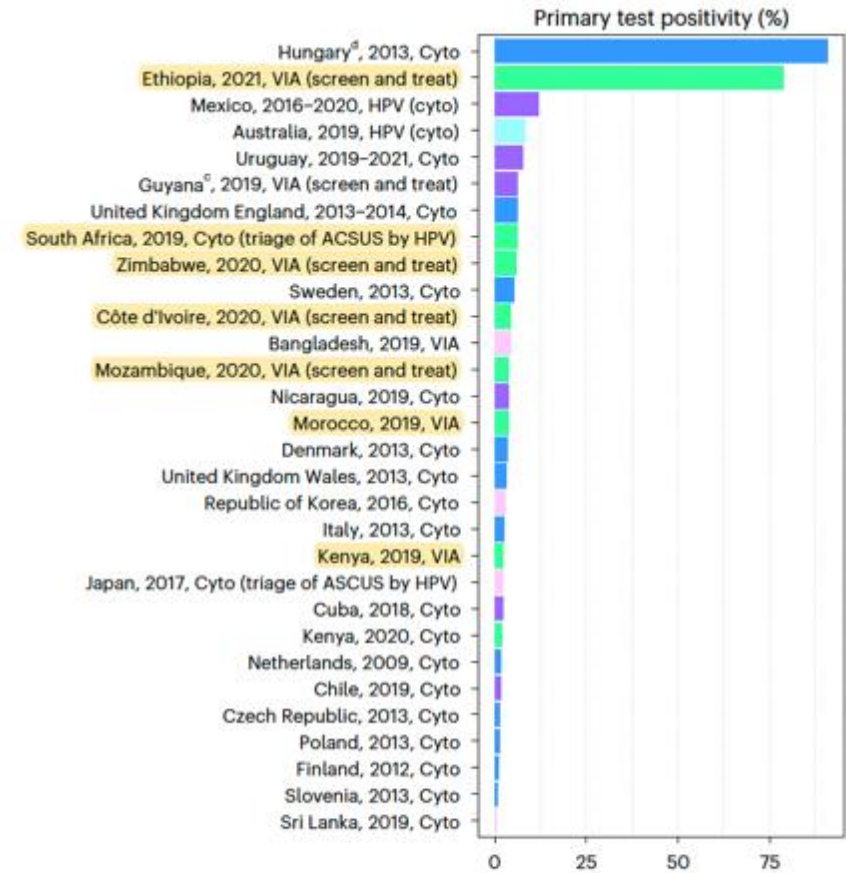
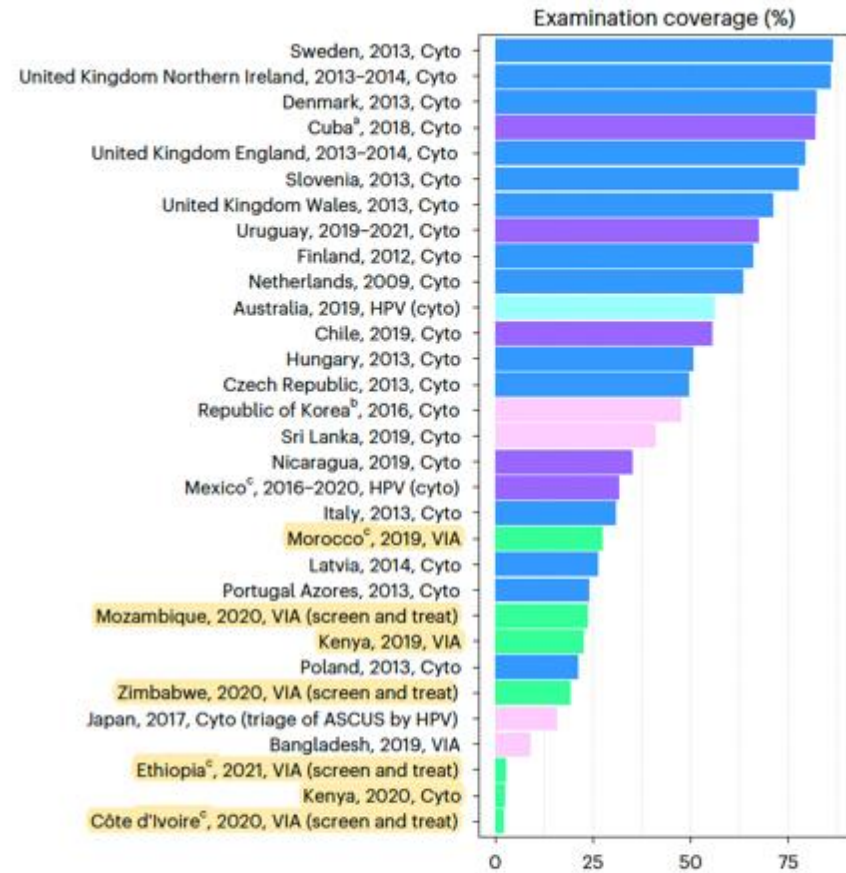
**75** cervical screening programs, 16 from Africa, 22 from the Americas, 9 from Asia, 27 from Europe and Australia

**51** CRC screening programs, 0 from Africa, 18 from the Americas, 6 from Asia, 26 from Europe and Australia

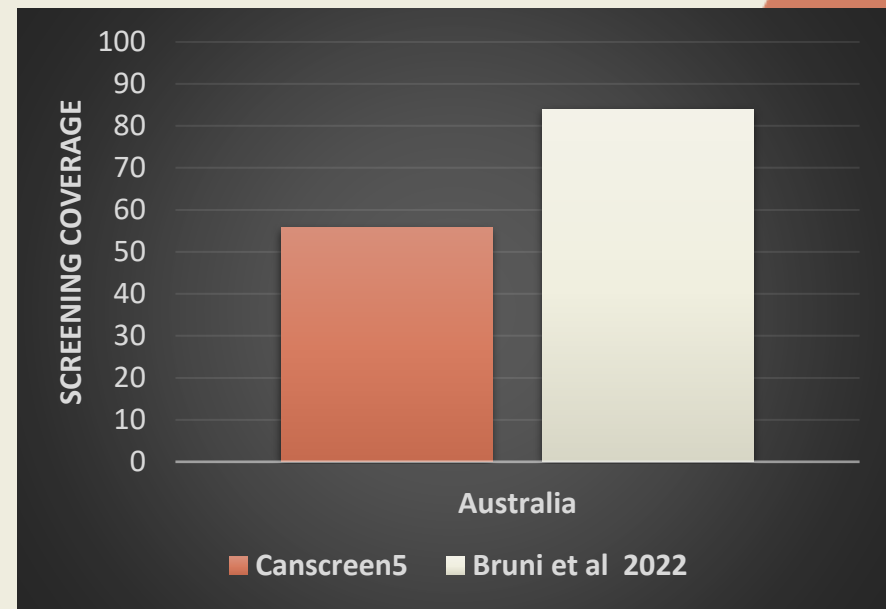
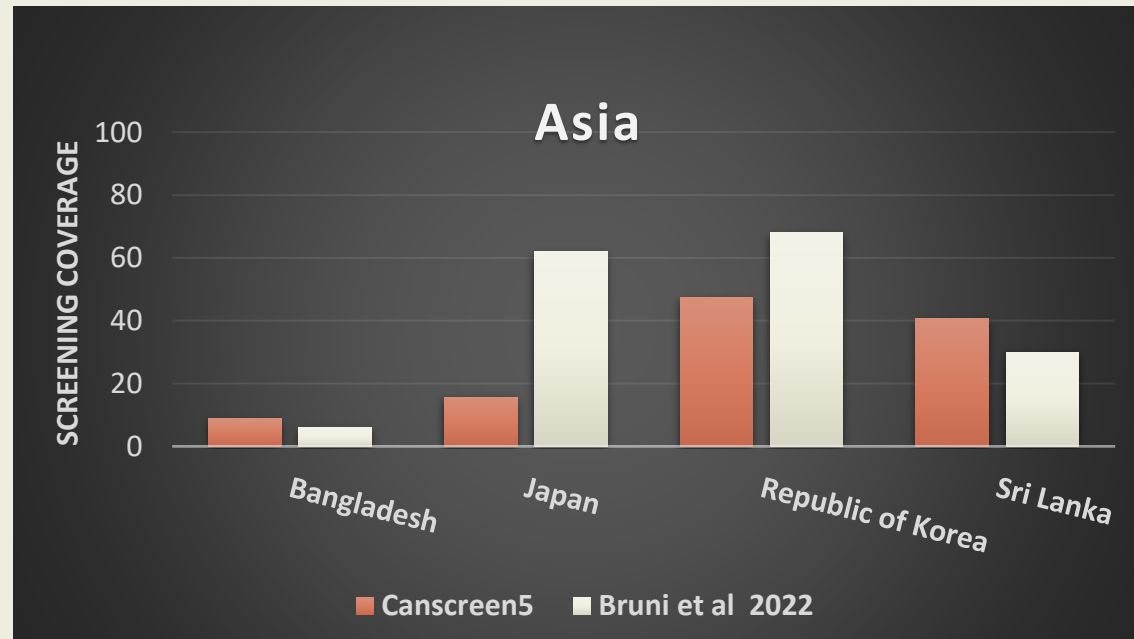
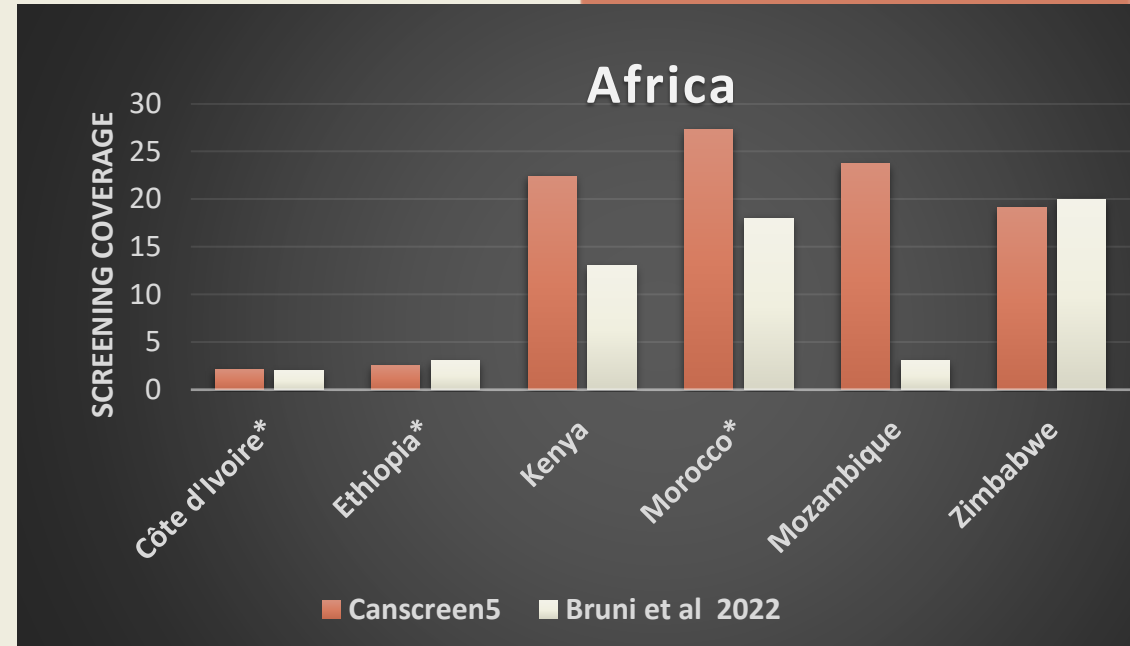
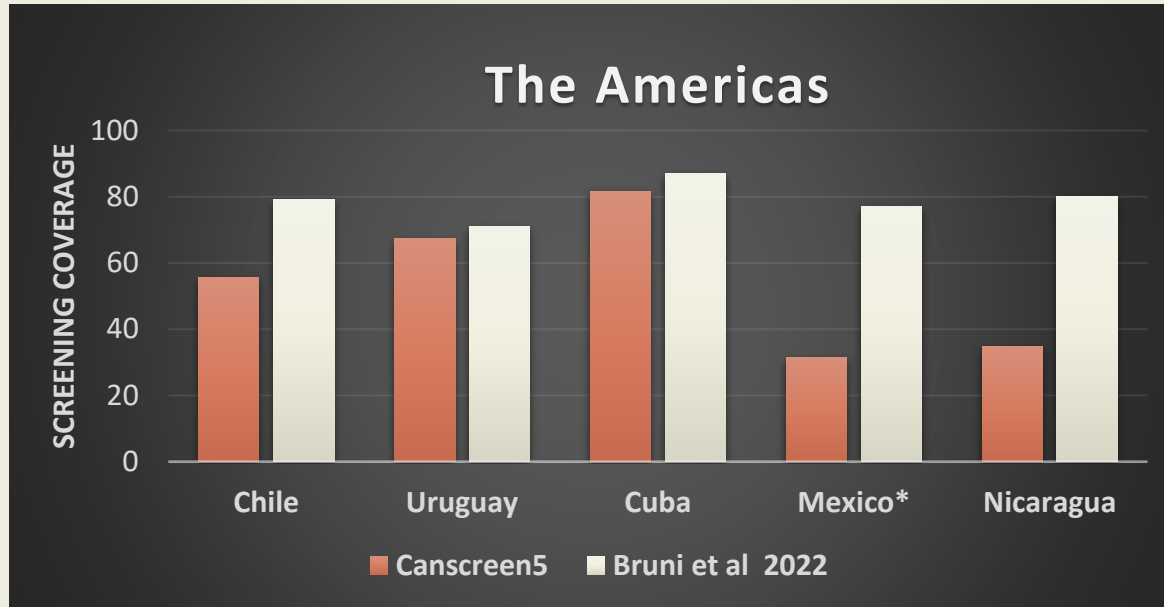


# Selected KPIs from cervical screening programs

Africa Asia Europe Oceania Americas



# Discrepancy between program & survey data



## Conclusion

**Health system strengthening is key to improve quality of cancer screening**

**A quality assurance plan supported by a robust information system is one of the 'building blocks' of strong health system**

**Countries need to measure cancer screening performance**

**Investment made to improve surveillance system may be leveraged to strengthen information system for systematic data collection**

Thank you!

American Cancer Society (ACS):



Centre for Global Health Inequalities Research (CHAIN):



Centro di Riferimento per l'Epidemiologia e la Prevenzione Oncologica in Piemonte (CPO):



Association of European Cancer Leagues (ECL):



Friends of cancer patients (FOCP):



Medical Research Council, United Kingdom (MRC):



The International Federation of Cervical Pathology and Colposcopy:



Susan G. Komen:



Union for International Cancer Control (UICC):



WHO African Region:



WHO Regional Office for Europe:



WHO Region of the Americas:

