



# VIII. Modernization of time-use statistics

International Workshop on Time-Use Statistics

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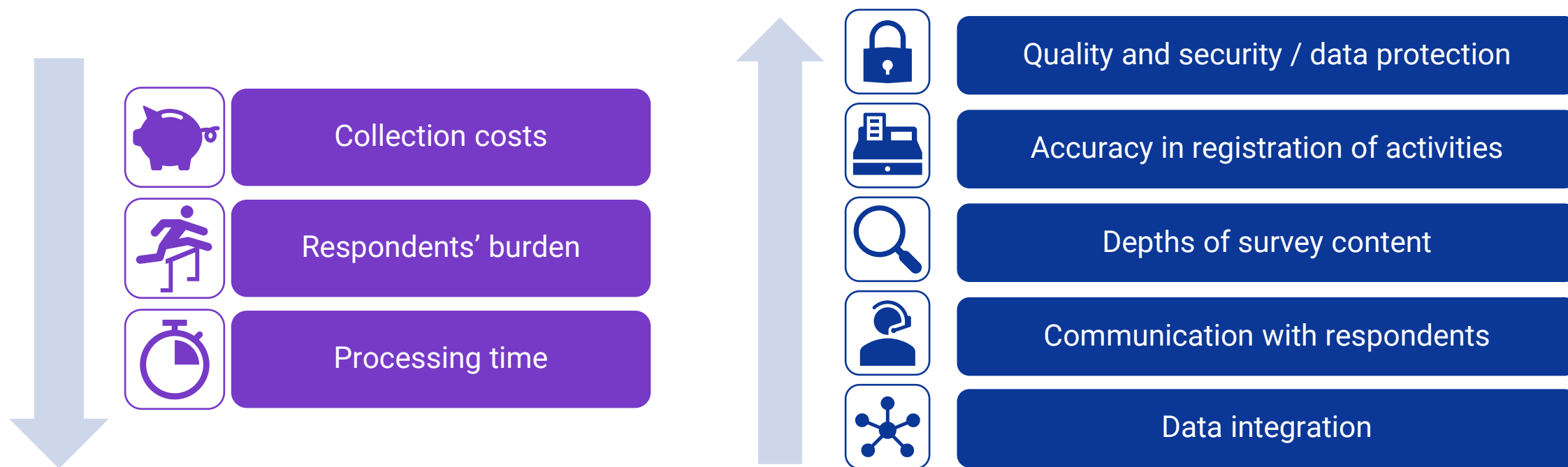


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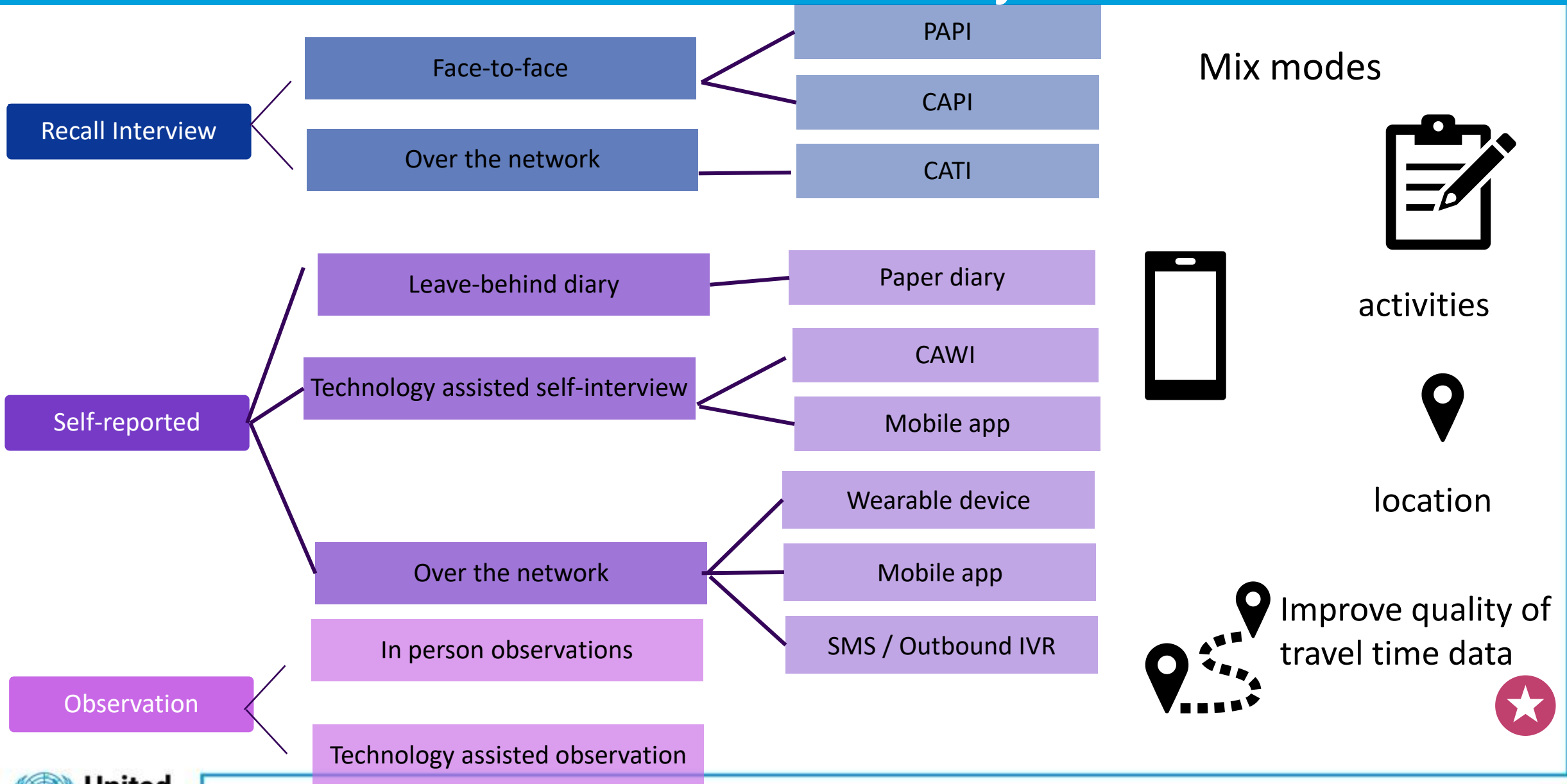
Statistics Division

# Modernizing time use statistics

**Modernization of time-use surveys is a journey with different meanings in different contexts and countries**



# What can modernization of time-use surveys look like?



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## Paper-based

- Automated data entry technologies
- Automation of post interview processes (processing, cleaning) reduces the cost of the operation

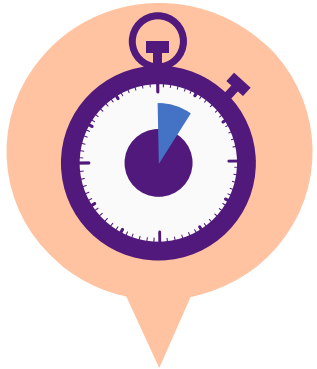
## CAPI

- Validity checks to improve the quality of the data collection
- Skip patterns can be programmed facilitating the conduction of the interview
- Potential to capture more question-specific information from respondents.

## Technology-assisted

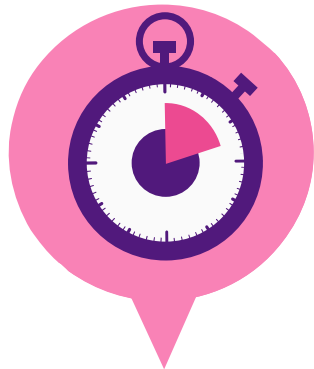
- Possible to connect to external GPS and wearable sensors and smartphone-native applications
- Continuous self-registration
- Time Tracker
- Experience Sampling Method (push notifications)

# Considerations



## Data quality

- Bias based on access to technology
- Comparability
- Completeness



## Costs

- Initial investment
- Maintenance/up dates



## Accessibility

- Considering different user experience
- Screen and keyboard size
- Portability



## Privacy

- Guarantee security and confidentiality when collecting, synchronizing, transferring and storing personal data