Discussant remarks for minipresentations on short term accommodation

ISIC 5510

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Contents

• General remarks
• Challenges
  • Coverage
  • Data collection
  • Price measurement
General remarks

• Importance of the industry
  • Labor intensive
  • Share of GDP varies

• Widely covered by statistics
  • Several price indices, turnover/output, volume etc.
  • In-house cooperation
Adequate coverage?
Share of private providers on digital platforms in Finland, 2018

- **Host**
  - Single Listing Host: 81%
  - Multilisting Host: 19%

- **Listings**
  - Single Listing Host: 34%
  - Multilisting Host: 66%

Source: [https://www.businessfinland.fi/contentassets/bb92324e383e4016ac3d41535f873c8d/the-short-term-rental-industry-in-finland.pdf](https://www.businessfinland.fi/contentassets/bb92324e383e4016ac3d41535f873c8d/the-short-term-rental-industry-in-finland.pdf)
Platforms included: example of Statistics Iceland

Paid overnight stays 2017-2019

Data collection

Multinational companies?

Web questionnaire

Paper questionnaire

API, Web scraping, Admin data

Combined data + estimation
Data collection

• Web scraping/API
  • Not allowed by statistical law/ moral obstacles
  • Anti-scraping techniques on digital platforms
  • Buying the data? -> Micro data needed for deduplication.
  • New skills required
Challenges in price measurement

• Dynamic pricing mechanisms ↔ timing of data collection
• Weighting:
  • seasonal and regional variation in shares
  • abnormal demand peaks can also cause changes in services used/shares of business vs. private clients
• Quality changes: hotel ratings/room ratings/services provided?
Your view: the biggest challenges facing the short term accommodation statistics?

- duplication
- globalisation
- seasonal imputation
- big data
- outlet substitution bias
- pricing vary by channel
- air b and b type company
- b2c - b2b split
- c2c instead of b2b
- getting data
- seasonality
- data-sources
- small enterprises
- household production
- tihomir
- adil
- export
- internet
- quality change
- timeliness
- high price volatility
- finding data sources
- hotel mgmt companies
- new data sources
- season issues
- collaborative economy
- new uses
- dynamic pricing
- measuring airbnb
- airbnb
- household production
- sharing economy
- weight
- volatility
- digitization
- geographic variation
- maja
- ahoj
- digital platforms
- hpc
- sppi
- how to compile it
- response
- measure exports comparability
- quality
- sampling
- rbnb
- nne platforms
- rbnb
- weights
- qa
- matija
- dpp
- matija
- sampling
- comparability