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## ARGENTINA

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Reporting: **Verónica Beritich**

### **INDEC begins the 2020/2021 National Economic Census**

Fifteen years after the last economic census, the National Institute of Statistics and Censuses (INDEC) reports that on November 30, 2020 the 2020/2021 National Economic Census begins. This statistical operation will allow knowing the updated economic structure of Argentina. Along with the population census, the economic census is one of the fundamental pillars of the country's statistical infrastructure.

The CNE 2020/2021 is an exhaustive statistical survey on people and companies that have registered activity in the Argentine Republic. It includes financial and non-financial companies, freelancers, and institutions without profit.

INDEC is planning this economic census in two stages. The first stage consists of recording all economic units with activity in the national territory in a digital statistical register. Next, the second stage will consist of carrying out several economic structural surveys and sectoral surveys to obtain information on production and inputs disaggregated by activity and product, distribution channels and margins, among other data related to non-financial corporations.

The first stage will be carried out by means of a digital questionnaire developed at INDEC, called e-CNE. More than 5,500,000 human and legal persons will complete it through the online application. This economic census aims to leave behind the classic paper questionnaires to obtain high-quality information in less time, at a lower cost compared to a territorial sweep.

Legal persons can complete the e-CNE between November 30 and January 31, 2021, according to the last number of their Unique Tax Identification Code (CUIT). With the same criteria, human persons will be able to complete it between February and June 2021. Those who participate in each specific instance will receive the summons to complete the e-CNE at their electronic fiscal address. In addition, they will have access to different tutorial videos to learn about how to enter the system and upload the information quickly and safely.

To enter to the e-CNE application, the validation of the identity of the persons will be previously required by means of their CUIT number and tax code in the Autenticar platform. Then, the system will redirect to a secure INDEC site to complete the electronic questionnaire.

Depending on the type of person, the questionnaire may have 14, 15 or 17 questions.

What questions will be answered at the e-CNE?

1. Name or business name of the company
2. CUIT
3. Location
4. Do you have establishments in more than one province?
5. Description of the main activity
6. Goods or services resulting from the main activity
7. Raw materials, materials or direct expenses for the production of goods or services
8. Annual turnover (2019)

9. Number of workers in a dependency relationship (salaried) on December 31, 2019
10. Auxiliary support units to carry out the main activity
11. Do you carry out other activities?
12. Description of secondary activities (if applicable)
13. Do you produce any good or service for your own consumption?
14. Do you produce fixed assets for your own use? (buildings, structures, machinery and equipment, computer developments, etc.)
15. Do you carry out research and development activities?

These results will allow the analysis and design of productive, sectoral and occupational public policies. They will benefit the same companies participating in the census for taking decisions in the private sector, whether at a business, academic or professional level. Likewise, they will also locate territorially the markets in terms of production and employment. They will also facilitate comparisons between the individual company and the total branch of activity or geographical area in which it is located.

With the information obtained from the e-CNE, the statistical register of economic units (REUE) will be produced which will be updated periodically with administrative records. It will allow the construction of a master sampling frame for the necessary surveys to obtain the short-term economic indicators as well as to make the change of the base year for the System of National Accounts and to build a new input-output matrix (MIP).

General information can be found at [www.indec.gob.ar](http://www.indec.gob.ar).

For further information, please contact [ces@indec.gob.ar](mailto:ces@indec.gob.ar).

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## AUSTRALIA

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Reporting: **Mary-Anne Stewart**

### **Data visualisation: understanding and conveying information more effectively**

"The greatest value of a picture is when it forces us to notice what we never expected to see."

John Tukey (1915-2000)

For his biography, please see <https://mathshistory.st-andrews.ac.uk/Biographies/Tukey/>.

Data visualisation techniques like graphs and diagrams have been used to help us understand data and information for centuries. Good visualisation reveals stories, patterns, clusters, relationships, and anomalies like outliers or missing data, that are not as obvious or are harder to see in table and text format.

In 2020, the COVID-19 pandemic has increased the volume and style of data visualisations that we see every day in the media. Further, in recent times statisticians and data scientists are acquiring and using increasingly complex and large datasets, including administrative and transactions data. These two factors have influenced our data visualisation work program.

Data visualisation is often separated into exploratory and explanatory visualisation. Explanatory work focusses on telling stories with data, conveying information to the audience in clear and appealing ways. In contrast, exploratory visualisation is about making sense of new data sources, understanding what's going on in the data and determining how they could potentially be used in different ways. This assists analysts to assess the content of a new data source, see what's interesting and plan more directed analysis. In some situations, there is overlap between these two types.

Examples of recent data visualisation work in the Australian Bureau of Statistics (ABS) include:

- exploratory visualisation of a range of new data sources
- designing new visualisations for Merchandise Trade data processing and some specialised reports
- establishing visualisation guidelines for different types of published materials
- exploring visual techniques for interpreting results from complex "black box" analysis methods and models so they're easier to understand and explain (such as complicated machine learning methods)
- creating new types of dynamic graphs for social media. Some dynamic line plots were released in August-September 2020 showing how single touch payroll jobs have changed during the COVID-19 pandemic

Our upcoming work will include:

- exploratory visualisation of a range of new data sources and statistical methods - ABS is always investigating new sources and methods with the aim of reducing burden on survey respondents and providing richer information on the Australian economy and society
- exploring more visual techniques to support effective statistical processing - for example allowing quicker identification of anomalies and confirmation of clean data ready for release
- building ABS capability in different types of data visualisation

For more information, please contact Mary-Anne Stewart at [methodology@abs.gov.au](mailto:methodology@abs.gov.au).

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## CANADA

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Reporting: **Kenneth Chu**

### **Use of Machine Learning Techniques for Crop Yield Prediction**

Statistics Canada recently completed a research project for the Field Crop Reporting Series (FCRS) [1] on the use of supervised machine learning techniques for early-season crop yield prediction, for the Canadian province of Manitoba, based on local vegetation remote sensing data and weather measurements from January to July.

A number of prediction techniques were examined, including random forests, support vector machines, elastic-net regularized generalized linear models, and multilayer perceptrons. Accuracy and computation time considerations led us to focus attention on XGBoost [2] with linear base learner.

The main contribution of the research project is the adaptation of **rolling window forward validation** (RWFV) [3] as hyperparameter tuning protocol. RWFV is a special case of forward validation [3], a family of validation protocols designed to prevent temporal information leakage for supervised learning based on time series data.

In order to evaluate the performance of this prediction strategy based on XGBoost (Linear) and RWFV, we computed the series of prediction errors that would have resulted had the strategy actually been deployed for past production cycles. In other words, these prediction errors of virtual past production cycles were regarded as estimates of the generalization error within the statistical production context of the FCRS.

The resulting prediction strategy has exhibited smaller prediction errors than the method currently deployed in production (variable selection via Lasso, followed by robust linear regression),

consistently over consecutive historical production runs. This strategy has been implemented in a production-ready R package. The strategy has entered the final pre-production testing phase, to be jointly conducted by subject matter experts and the agricultural programme methodologists.

The results of this research project were presented in October 2020 during the Machine Learning Virtual Sessions, organized by the High-Level Group for the Modernisation of Official Statistics, United Nations Economic Commission for Europe [4].

For more information, please contact [kenneth.chu@canada.ca](mailto:kenneth.chu@canada.ca).

### **References and further information**

- [1] <https://www23.statcan.gc.ca/imdb/p2SV.pl?Function=getSurvey&SDDS=3401>
- [2] Chen, Tianqi; Guestrin, Carlos (2016). *XGBoost: A Scalable Tree Boosting System*. In Krishnapuram, Balaji; Shah, Mohak; Smola, Alexander J.; Aggarwal, Charu C.; Shen, Dou; Rastogi, Rajeev (eds.). *Proceedings of the 22nd ACM SIGKDD International Conference on Knowledge Discovery and Data Mining*, San Francisco, CA, USA, August 13-17, 2016. ACM. pp. 785–794. <https://arxiv.org/abs/1603.02754>. <https://dl.acm.org/doi/10.1145/2939672.2939785>.
- [3] Schnaubelt, Matthias (2019). *A comparison of machine learning model validation schemes for non-stationary time series data*, FAU Discussion Papers in Economics, No. 11/2019, Friedrich-Alexander-Universität Erlangen-Nürnberg, Institute for Economics, Nürnberg. <https://www.econstor.eu/handle/10419/209136>
- [4] Bosa, Keven; Chu, Kenneth (2020). *Deploying Machine Learning Techniques for Crop Yield Prediction*. HLG-MOS Machine Learning Project, High-Level Group for the Modernisation of Official Statistics, United Nations Economic Commission for Europe. <https://statswiki.unecce.org/display/ML/Other+applications+of+Machine+Learning>

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## FIJI

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Reporting: **M.G.M. Khan**

### **Recent and Upcoming Surveys at the Fiji Bureau of Statistics**

The Fiji Bureau of Statistics (FBoS) has completed the 2019-2020 *Household Income and Expenditure Survey (HIES)* and a *post-survey evaluation* is being conducted for the very first time. Surveys on *2nd Demand Side Survey of financial products* in partnership with Reserve Bank of Fiji (central bank) and *Multiple Indicator Survey (MICS)* with UNICEF will also begin. FBoS is also preparing for other two ad-hoc surveys which are “*Impact Evaluation of Secured Transaction Reform in Fiji*” in partnership with Reserve Bank of Fiji and *Office on Drugs and Crime (UNODC) regarding human trafficking* in conjunction with United Nations.

Apart from 2019-2020 HIES, all the other surveys mentioned above are being carried out for the very first time.

Reporting: **Mark Turner** and **James McKay**

### **COVID-19 Data Portal**

COVID-19 has accelerated the pace of decision-making, triggering a need for more near-real-time economic, social and health data in one place.

Adopting a customer-centric Agile approach, Stats NZ proactively engaged with key government and private sector clients to understand and meet their data needs as quickly and as efficiently as possible. Stats NZ found that the majority of clients, while appreciating the accuracy and coherence of Stats NZ's traditional data products (e.g., GDP), were prepared to sacrifice these aspects for better accessibility to timelier and more frequent data on COVID-19.

Stats NZ's COVID-19 Data Portal is a collection of primarily non-official indicators relevant for understanding the economic and social recovery from the impacts of COVID-19 through a wellbeing perspective. Given the content of the portal it is hosted in the experimental section of the Stats NZ website, so as to distinguish the indicators from our official statistics.

The COVID-19 Data Portal was built to be a generic data hosting framework. It is flexible enough to consume any machine-readable dataset and allows us to define custom visualisations of that data. This is achieved by making clear application programming interfaces between the data ingestion, a consistent data and metadata structure, and the visualisations.

We are able to automate the ingestion of a range of data formats by having a flexible ingestion layer. The framework has a defined place for small custom functions to handle non-standard input data, which interface with the consistent data format used through the rest of the program. This means we have been able to quickly bring in new data sets with minimal burden on the data suppliers. Because this process is fully automated, with a small amount of up-front effort, there is no on-going burden on Stats NZ for maintaining and updating this data in the future. As a result, this framework has enabled us to scale the number of data sets massively, with no significant increase in the time required to keep it up to date.

This new, highly relevant, data product was relatively inexpensive to develop, and to a large extent leveraged existing data holdings and/or capabilities. Stats NZ is ready to coordinate the expansion of this product as required or terminate indicators as and when they are no longer needed.

COVID 19 Data Portal: <https://www.stats.govt.nz/experimental/covid-19-data-portal>

Open-source code is available: [https://github.com/StatisticsNZ/data\\_portal](https://github.com/StatisticsNZ/data_portal)

For further information, please contact [james.mckay@stats.govt.nz](mailto:james.mckay@stats.govt.nz)



**ICES VI** - The International Conference on Establishment Statistics will take place 14-17 June 2021 in New Orleans, U.S. Website: <https://ww2.amstat.org/meetings/ices/2020/conferenceinfo.cfm/>

**SAE2021 - BigSmall** - Conference on Small Area Estimation, with the theme “Big Data for Small Areas”, will be held 20-25 September in Naples, Italy, as a satellite conference to the World Statistics Conference in 2021. Website: <https://sae2020.org/>

**11e Colloque International Francophone sur les Sondages - 11th International Francophone Conference on Surveys** will take place 6-8 October 2021 in Brussels, Belgium. Website: <http://sondages2020.sciencesconf.org>

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### Other Conferences on survey statistics and related areas

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**American Statistical Association Conference on Statistical Practice** is planned to take place 18-20 February 2021 in Nashville, USA.

Website: <https://ww2.amstat.org/meetings/csp/2020/index.cfm>

**Statistics in the Big Data Era** will take place 2-4 June 2021 in Berkeley, USA. Website: <https://simons.berkeley.edu/workshops/statistics-big-data-era>

**Symposium on Data Science & Statistics** is planned to take place June 2-5, 2021 in Missouri, USA. Website: <https://ww2.amstat.org/meetings/sdss/2021/>

**ANZSC 2021 – Australian Statistical Society and New Zealand Statistical Association Conference** will take place 5-9 July 5, Gold Coast, Australia. Website: <https://anzsc2021.com.au/>

**Conference and Special Issue of Journal of the Royal Statistical Society Series A in memory of Fred Smith and Chris Skinner** will be held in Southampton, UK, 8-10 July 2021. See the August 2020 IASS Newsletter for full details.

**63rd ISI World Statistics Congress** will take place 11-15 July 2021 and will be virtual. Website: <https://www.isi2021.org/>

**Joint Statistical Meetings 2021** will take place 7-12 August in Seattle, USA. Website: <https://www.amstat.org/ASA/Meetings/Joint-Statistical-Meetings.aspx>

**2021 Women in Statistics and Data Science Conference** will take place 7-9 October in Pittsburgh, USA. Website: <https://ww2.amstat.org/meetings/wds/2021/>

**The Survey Research Methods Section (SRMS) of the ASA** Information on activities of the Survey Research Methods Section of the American Statistical Association (ASA) are available at: <https://community.amstat.org/surveyresearchmethodssection/home>

**International Statistical Institute** calendar of events is at <https://www.isi-web.org/events-and-awards/calendar>

## In Other Journals

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### Journal of Survey Statistics and Methodology

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**Volume 8, Issue 4, September 2020**

<https://academic.oup.com/jssam/issue/8/4>

#### ***Survey Methodology***

**Do Forced-Choice (FC) Questions Trigger Deeper Cognition than Check-All-That-Apply (CATA) Questions?**

*Cornelia E Neuert*

**The Effect of Question Characteristics on Question Reading Behaviors in Telephone Surveys**

*Kristen Olson, Jolene D Smyth, Antje Kirchner*

**So Many Questions, So Little Time: Integrating Adaptive Inventories into Public Opinion Research**

*Jacob M Montgomery, Erin L Rossiter*

**On Examining the Quality of Spanish Translation in Telephone Surveys: A Novel Test-Retest Approach**

*Robert P Agans, Quirina M Vallejos, Thad S Benefield*

**Is That Still the Same? Has that Changed? On the Accuracy of Measuring Change with Dependent Interviewing**

*Annette Jäckle, Stephanie Eckman*

**Interventions On-Call: Dynamic Adaptive Design in the 2015 National Survey of College Graduates**

*Stephanie Coffey, Benjamin Reist, Peter V Miller*

**Split-Sample Design with Parallel Protocols to Reduce Cost and Nonresponse Bias in Surveys**

*Andy Peytchev*

#### ***Survey Statistics***

**A Permutation Test on Complex Sample Data**

*Daniell Toth*

**Bayesian Inference of Finite Population Quantiles for Skewed Survey Data Using Skew-Normal Penalized Spline Regression**

*Yutao Liu, Qixuan Chen*

## Volume 8, Issue 5, November 2020

<https://academic.oup.com/jssam/issue/8/5>

### **Survey Methodology**

#### **Improving Survey Response Rates with Visible Money**

*Matthew Debell, Natalya Maisel, Brad Edwards, Michelle Amsbary, Vanessa Meldener*

#### **The Impact of Varying Financial Incentives on Data Quality in Web Panel Surveys**

*Thomas Luke Spreen, Lisa A House, Zhifeng Gao*

#### **What They Expect Is What You Get: The Role of Interviewer Expectations in Nonresponse to Income and Asset Questions**

*Sabine Friedel*

#### **Estimation of Underreporting in Diary Surveys: An Application Using the National Household Food Acquisition and Purchase Survey**

*Mengyao Hu, John A Kirlin, Brady T West, Wenyi He, Ai Rene Ong, Shiyu Zhang, Xingyou Zhang*

#### **Who Can You Count On? Understanding The Determinants of Reliability**

*Roger Tourangeau, Ting Yan, Hanyu Sun*

### **Survey Statistics**

#### **Measures of the Degree of Departure from Ignorable Sample Selection**

*Roderick J A Little, Brady T West, Philip S Boonstra, Jingwei Hu*

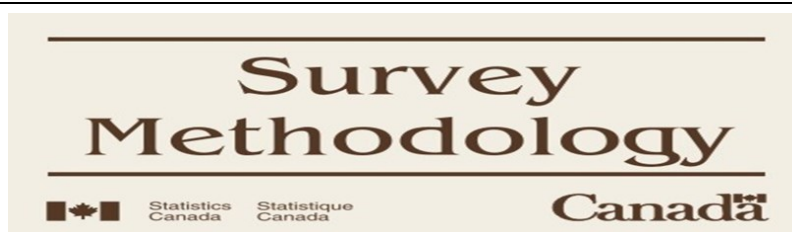
#### **Multiple Imputation with Survey Weights: A Multilevel Approach**

*M Quartagno, J R Carpenter, H Goldstein*

### **Applications**

#### **Accuracy in the Application of Statistical Matching Methods for Continuous Variables Using Auxiliary Data**

*Arnout Van Delden, Bart J Du Chatinier, Sander Scholtus*



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## **Survey Methodology, June 2020, Vol. 46, no. 1**

<https://www150.statcan.gc.ca/n1/pub/12-001-x/12-001-x2020001-eng.htm>

#### **Are probability surveys bound to disappear for the production of official statistics?**

*Jean-François Beaumont*

#### **Local polynomial estimation for a small area mean under informative sampling**

*Marius Stefan and Michael A. Hidiroglou*



**Small area estimation methods under cut-off sampling**

*María Guadarrama, Isabel Molina and Yves Tillé*

**Model-assisted sample design is minimax for model-based prediction**

*Robert Graham Clark*

**Considering interviewer and design effects when planning sample sizes**

*Stefan Zins and Jan Pablo Burgard*

**A new double hot-deck imputation method for missing values under boundary conditions**

*Yousung Park and Tae Yeon Kwon*

**Survey Methodology, December 2020, Vol. 46, no. 2**

<https://www150.statcan.gc.ca/n1/pub/12-001-x/12-001-x2020002-eng.htm>

**Estimation and inference of domain means subject to qualitative constraints**

*Cristian Oliva-Aviles, Mary C. Meyer and Jean D. Opsomer*

**Bayesian hierarchical weighting adjustment and survey inference**

*Yajuan Si, Rob Trangucci, Jonah Sol Gabry and Andrew Gelman*

**Firth's penalized likelihood for proportional hazards regressions for complex surveys**

*Pushpal K. Mukhopadhyay*

**Probability-proportional-to-size ranked-set sampling from stratified populations**

*Omer Ozturk*

**Semi-automated classification for multi-label open-ended questions**

*Hyukjun Gweon, Matthias Schonlau and Marika Wenemark*

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**Journal of Official Statistics**

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**Volume 36 (2020): Issue 3 (Sep 2020): Special Issue on Nonresponse**

<https://content.sciendo.com/view/journals/jos/36/3/jos.36.issue-3.xml>



**Preface**

*Edith de Leeuw, Annemieke Luiten, and Ineke Stoop*

**Survey Nonresponse Trends and Fieldwork Effort in the 21st Century: Results of an International Study across Countries and Surveys**

*Annemieke Luiten, Joop Hox, and Edith de Leeuw*

**Continuing to Explore the Relation between Economic and Political Factors and Government Survey Refusal Rates: 1960–2015**

*Luke J. Larsen, Joanna Fane Lineback, and Benjamin M. Reist*

**Evolution of the Initially Recruited SHARE Panel Sample Over the First Six Waves**

*Sabine Friedel and Tim Birkenbach*

**The Action Structure of Recruitment Calls and Its Analytic Implications: The Case of Disfluencies**

*Bo Hee Min, Nora Cate Schaeffer, Dana Garbarski, and Jennifer Dykema*

**Measurement of Interviewer Workload within the Survey and an Exploration of Workload Effects on Interviewers' Field Efforts and Performance**

*Celine Wuyts and Geert Loosveldt*

**Assessing Interviewer Performance in Approaching Reissued Initial Nonrespondents**

*Laurie Peeters, David De Coninck, Celine Wuyts, and Geert Loosveldt*

**Implementing Adaptive Survey Design with an Application to the Dutch Health Survey**

*Kees van Berkel, Suzanne van der Doef, and Barry Schouten*

**The Effects of Nonresponse and Sampling Omissions on Estimates on Various Topics in Federal Surveys: Telephone and IVR Surveys of Address-Based Samples**

*Floyd J. Fowler, Philip Brenner, Anthony M. Roman, and J. Lee Hargraves*

**Working with Response Probabilities**

*Jelke Bethlehem*

**A Validation of R-Indicators as a Measure of the Risk of Bias using Data from a Nonresponse Follow-Up Survey**

*Caroline Roberts, Caroline Vandenplas, and Jessica M.E. Herzing*

**Proxy Pattern-Mixture Analysis for a Binary Variable Subject to Nonresponse**

*Rebecca R. Andridge and Roderick J.A. Little*

**Volume 36 (2020): Issue 4 (Dec 2020)**

<https://content.sciendo.com/view/journals/jos/36/4/jos.36.issue-4.xml>

**Letter to the Editors**

*Andreas V Georgiou*

**Basic Statistics of Jevons and Carli Indices under the GBM Price Model**

*Jacek Bialek*

**Developing Land and Structure Price Indices for Ottawa Condominium Apartments**

*Kate Burnett-Isaacs, Ning Huang, and W. Erwin Diewert*

**An Improved Fellegi-Sunter Framework for Probabilistic Record Linkage Between Large Data Sets**

*Marco Fortini*

**Three-Form Split Questionnaire Design for Panel Surveys**

*Paul M. Imbriano and Trivellore E. Raghunathan*

**Double Barreled Questions: An Analysis of the Similarity of Elements and Effects on Measurement Quality**

*Natalja Menold*

**The Representativeness of Online Time Use Surveys. Effects of Individual Time Use Patterns and Survey Design on the Timing of Survey Dropout**

*Petrus te Braak, Joeri Minnen, and Ignace Glorieux*

**Comparing the Ability of Regression Modeling and Bayesian Additive Regression Trees to Predict Costs in a Responsive Survey Design Context**

*James Wagner, Brady T. West, Michael R. Elliott, and Stephanie Coffey*

**Book Review: Paul C. Beatty, Debbie Collins, Lyn Kaye, Jose-Luis Padilla, Gordon B. Willis, and Amanda Wilmot. Advances in Questionnaire Design, Development, Evaluation and Testing. 2019, Wiley, ISBN: 978-1-119-26362-3, 816 pages**

*Jennifer Edgar*

**Book Review: Yuling Pan, Mandy Sha, and Hyunjoo Park. The Sociolinguistics of Survey Translation. 2020, New York: Routledge, ISBN 978-1-138-55087-2, 166 pages**

*Patricia Goerman*

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## Survey Practice

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**Vol. 13, Issue 1, 2020**

<https://www.surveypractice.org/issue/1854>

### **Articles**

**Moving Beyond Sex: Measuring Gender Identity in Telephone Surveys**

*Dan Cassino*

**Minnesota Social Contacts and Mixing Patterns Survey with Implications for Modelling of Infectious Disease Transmission and Control**

*Audrey M. Dorélien, Alisha Simon, Sarah Hagge, Kathleen Thiede Call, Eva Enns, Shalini Kulasingam*

**Interviewer Face Coverings and Response to Personal Visit Surveys: A Case Study of the 2020 U.S. Census**

*Nancy Bates, Laura Kail, Amanda Price*

**Typographic Cueing Facilitates Survey Completion on Smartphones in Older Adults**

*Brian Falcone, Christopher Antoun, Elizabeth Nichols, Erica Olmsted-Hawala, Ivonne Figueroa, Alda Rivas, Shelley Feuer, Lin Wang*

**Adapting surveys to the modern world: Comparing a research messenger design to a regular responsive design for online surveys**

*Vera Toepoel, Peter Lugtig, Bella Struminskaya, Anne Elevelt, Marieke Haan*

**Scale-sensitive response behavior!? Consequences of offering versus omitting a “don’t know” option and/or a middle category**

*Daniela Wetzelhütter*

**Design Considerations for Live Video Survey Interviews**

*Michael F. Schober, Frederick G. Conrad, Andrew L. Hupp, Kallan M. Larsen, Ai Rene Ong, Brady T. West*

**The Effect of Incentives and Mode of Contact on the Recruitment of Teachers into Survey Panels**

*Michael Robbins, Jennifer Hawes-Dawson*

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# Survey Research Methods

**Journal of the European Survey Research Association**

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**Vol 14 No 3 (2020)**

<https://ojs.ub.uni-konstanz.de/srm/issue/view/222>

**Designing Better Questions for Complex Concepts with Reflective Indicators**

*Willem Saris, Irmtraud Gallhofer*

**Automatic Coding of Open-ended Questions into Multiple Classes: Whether and How to Use Double Coded Data**

*Zhoushanyue He, Matthias Schonlau*

**Response Patterns in a Multi-day Diary Survey: Implications for Adaptive Survey Design**

*Mengyao Hu, Edmundo Roberto Melipillán, Brady T. West, John A. Kirlin, Ilse Paniagua*

**The More Similar, the Better? How (Mis)Match Between Respondents and Interviewers Affects Item Nonresponse and Data Quality in Survey Situations**

*Felix Bittmann*

**Memory Effects in Repeated Survey Questions: Reviving the Empirical Investigation of the Independent Measurements Assumption**

*Hannah Schwarz, Melanie Revilla, Wiebke Weber*

**Vol 14 No 4 (2020): Special Issue: Measurement Equivalence: Testing for It and Explaining Why It is Absent**

<https://ojs.ub.uni-konstanz.de/srm/issue/view/218>

**Measurement Invariance: Testing for It and Explaining Why It is Absent**

*Katharina Meitinger, Eldad Davidov, Peter Schmidt, Michael Braun*

**The Comparability of Measures in the Ageism Module of the Fourth Round of the European Social Survey, 2008-2009**

*Daniel Seddig, Dina Maskileyson, Eldad Davidov*

**Revisiting the Middleton Alienation Scale: In Search of a Cross-Culturally Valid Instrument**

*Ekaterina Lytkina*

**Investigating the Relative Impact of Different Sources of Measurement Non-Equivalence in Comparative Surveys An Illustration with Scale Format, Data Collection Mode and Cross-National Variations**

*Caroline Roberts, Oriane Sarrasin, Michèle Ernst Stähli*

**Measurement Equivalence of Subjective Well-Being Scales under the Presence of Acquiescent Response Style for the Racially and Ethnically Diverse Older Population in the United States**

*Sunghee Lee, Elizabeth Vasquez, Lindsay Ryan, Jacqui Smith*

**Vol 14 No 5 (2020)**

<https://ojs.ub.uni-konstanz.de/srm/issue/view/224>

**Valid vs. Invalid Straightlining: The Complex Relationship Between Straightlining and Data Quality**

*Kevin Reuning, Eric Plutzer*

**The Estimation of Voter Transitions in the 2015 British General Election: Combining Online Panels and Aggregate Data at the Constituency Level**

*Paul W. Thurner, Ingrid Mauerer, Maxim Bort, André Klima, Helmut Küchenhoff*

**Collecting biomarkers in Australian primary schools: Insights from the field**

*Mandy Truong, Mienah Z Sharif, Rebecca Moorhead, Jeffrey Craig, Pamela Leong, Yuk Jing Loke, Kevin Dunn, Naomi Priest*

**Helpful Reminders? Health Survey Participation and Doctor's Visits among Aging Adults**

*Jennifer Caputo*

**Comparing the participation of Millennials and older age cohorts in the CROss-National Online Survey panel and the German Internet Panel**

*Melanie Revilla, Jan K. Höhne*

**The Benefits of Conversational Interviewing Are Independent of Who Asks the Questions or the Types of Questions They Ask**

*Frost A Hubbard, Frederick G Conrad, Christopher Antoun*

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Other Journals

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- **Statistical Journal of the IAOS**
  - <https://content.iospress.com/journals/statistical-journal-of-the-iaos/>
- **International Statistical Review**
  - <https://onlinelibrary.wiley.com/journal/17515823>
- **Transactions on Data Privacy**
  - <http://www.tdp.cat/>
- **Journal of the Royal Statistical Society, Series A (Statistics in Society)**
  - <https://rss.onlinelibrary.wiley.com/journal/1467985x>
- **Journal of the American Statistical Association**
  - <https://amstat.tandfonline.com/toc/uasa20/current>
- **Statistics in Transition**
  - <https://sit.stat.gov.pl>

## Welcome New Members!

We are very pleased to welcome the following new IASS members!

<b>Title</b>	<b>First name</b>	<b>Surname</b>	<b>Country</b>
MR.	Calogero	Carletto	United States
PROF.	Jan	Van den Brakel	Germany
MRS.	Lucia	Spoiala	Moldova
MR.	Mathias Mulumba	Zungu	Uganda

## IASS Executive Committee Members

Executive officers (2019 – 2021)

<b>President:</b>	Denise Britz do Nascimento Silva (Brazil)	denisebritz@gmail.com
<b>President-elect:</b>	Monica Pratesi (Italy)	monica.pratesi@unipi.it
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### National statistical offices:

- Australian Bureau of Statistics, Australia
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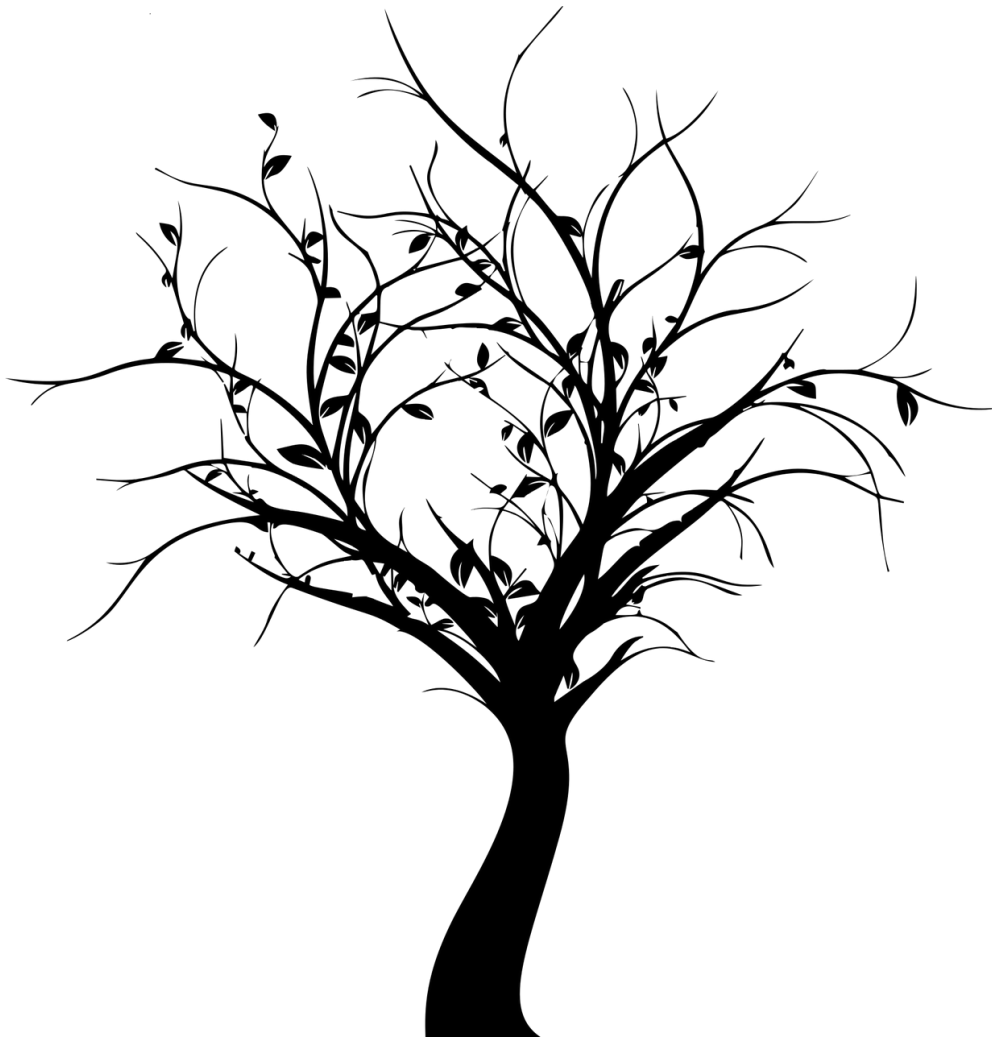
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