

UNITED NATIONS ECONOMIC COMMISSION FOR EUROPE
CONFERENCE OF EUROPEAN STATISTICIANS

UNECE Expert Meeting on Statistical Data Editing

11 October 2022

3 to 6 October 2022, Online

Tentative timetable

DAY 1 – Monday, 3 October

Time (Geneva)	Item	Speaker
12:30	Connect to meeting	
13:00	Opening of the meeting by chair	
13:05	Instructions for participants	
13:10	Presentation on the UNECE High-Level Group for the Modernisation of Official Statistics	Taeke Gjaltema
13:20	Session 1a: Modernisation of data editing and statistical production (Part 1) Session Organizers: Darren Gray (Statistics Canada) and Pedro Revilla (INE, Spain)	
13:25	Multiple software systems for the editing and imputation process of the 7th General Census of Agriculture	Simona Rosati
13:40	Towards a new integrated uniform production system for business statistics at Statistics Netherlands: quality indicators to guide top-down analysis	Frank Aelen & Anita Vaasen-Otten
13:55	<i>Questions to the authors</i>	
14:05	The SCIA system implementing Fellegi and Holt methodology compared to the recent R packages	Simona Rosati
14:20	Towards a new integrated uniform production system for business statistics at Statistics Netherlands: automatic data editing with multiple data sources	Wilco de Jong & Sander Scholtus
14:35	<i>Questions to the authors</i>	
14:45	Break	
15:00	Introduction of the Keynote	
15:05	Keynote presentation: David Haziza	
15:45	<i>Questions to keynote presenter</i>	
16:00	Session 2: Lightning talks Session Organizer: Alexander Kowarik (Statistics Austria)	
16:05	A modern statistical production process based on administrative registers	Ewelina Wójcik
16:10	e-invoice time series nowcasting with R	Bruno Lima
16:15	<i>Questions to the authors</i>	
16:25	Concluding remarks for day 1	
16:30	Reminder about the future work discussion	
16:35	End of Day 1	

DAY 2 – Tuesday, 4 October

Time (Geneva)	Item	Speaker
12:30	Connect to meeting	
13:00	Opening of day 2	
13:05	Session 3: New and emerging methods Session Organizers: Simona Rosati (Istat, Italy) and Sander Scholtus (Statistics Netherlands)	
13:10	Machine learning Imputation for Social Surveys – Random forest imputation of ONS’ Household Financial Survey.	Mark Edward
13:25	Application of the “SwissCheese” method for the imputation of partial non-response in the Survey on Income and Living Conditions.	Michael Leuenberger
13:40	<i>Questions to the authors</i>	
13:50	Stacking machine-learning models for anomaly detection: comparing AnaCredit to other banking datasets	Andrea del Monaco
14:05	Discover the hidden validation rules in your data with ‘validatesuggest’	Olav ten Bosch
14:15	- Software demonstration	
14:25	<i>Questions to the authors</i>	
14:35	Session: General discussion and conclusions	
14:50	Break	
15:05	Session 1b: Modernisation of data editing and statistical production (Part 2) Session Organizers: Simona Rosati (Istat, Italy) and David Salgado (INE, Spain)	
15:10	Validation rule management	Mark van der Loo
15:20	- Software demonstration	
15:30	Banff’s next step: an open-source data editing system for advanced tools and collaboration	Darren Gray
15:45	<i>Questions to the authors</i>	
15:55	Growing a Modern Edit and Imputation System	Darcy Miller & Megan Lipke
16:10	Automatic Data Editing and Imputation Experience in 2020 Mexican Census	Edgar Vielma
16:25	<i>Questions to the authors</i>	
16:35	Session: General discussion and conclusions	
16:55	Concluding remarks for day 2	
17:00	End of Day 2	

DAY 3 – Wednesday, 5 October

Time (Geneva)	Item	Speaker
12:30	Connect to meeting	
13:00	Opening of day 3	
	Session 4: Machine Learning /Artificial Intelligence for editing and imputation	
13:05	Session Organizers: Alexander Kowarik (Statistics Austria) and Daniel Kilchmann (Federal Statistics Office, Switzerland)	
13:10	Improving statistical data editing with Machine Learning: some use cases in Statistics Spain (INE)	Sandra Barragán
13:25	Application of the MissForest algorithm for imputation in the Survey on Income and Living Conditions.	Blandine Bianchi
13:40	Robust regression, MissForest and calibration combined with non-linear optimization to impute VAT turnover	Jacques Saliba
13:55	Questions to the authors	
14:10	Univariate and multivariate goodness (of fit) of imputation	Maria Thurow & Florian Dumpert
14:25	The imputation of the “Attained Level of Education” in the base register of individuals through Neural Networks using sampling weights.	Fabrizio De Fausti
14:40	Questions to the authors	
14:50	Session: General discussion and conclusions	
15:05	Break	
	Session 5: Use of administrative data for editing and imputation	
15:20	Session Organizers: Ágnes Andics (Central Statistical Office, Hungary) and Pedro Revilla (INE, Spain)	
15:25	Data imputation for the purposes of statistical research with the use data from administrative registers	Paweł Murawski
15:40	Producing admin-based property floor area statistics for England and Wales: methods, data and quality	Stephan Tietz & Emily Mason-Apps
15:55	The use of administrative records for data imputation in Mexico's Economic Censuses	José Luis Mercado Hernández
16:10	Questions to the authors	
16:25	Session: General discussion and conclusions	
16:40	Concluding remarks for day 3	
16:45	End of Day 3	

DAY 4 – Thursday, 6 October

Time (Geneva)	Item	Speaker
12:30	Connect to meeting	
13:00	Opening of day 4	
13:05	Session 6: Quality Session Organizers: Darren Gray (Statistics Canada) and Sander Scholtus (Statistics Netherlands)	
13:10	Experimental Short-Term Statistics based on Data Imputation Methods	Jan Ditscheid
13:25	Variance estimation for the mass imputation of the “Attained level of education” in the Italian Base Register of individuals: A comparison between analytical and MonteCarlo estimates.	Romina Filippini
13:40	Automatic selective editing approach using machine learning: an application to VAT data	Benjamin Vasquez
13:55	<i>Questions to the authors</i>	
14:10	Session: General discussion and conclusions	
14:20	Results of the discussions on future work	
14:40	Conclusion of the meeting	
15:00	End of the meeting	