

Provisional Timetable

DAY 1 – Monday, 7 October 2024

9:30	Opening and Welcome, Chair of the Workshop
	Session 1: E&I Quality Session Organizers: Florian Dumpert (Destatis, Germany) and Simona Rosati (Istat, Italy)
9:45	Session introduction
9:55	KEYNOTE PRESENTATION: Current work on automatic multisource editing at Statistics Netherlands Sander Scholtus (Statistics Netherlands)
10:35	Q&A
10:45	Break
11:10	Leveraging AI for statistical editing: the case of the BIS AI Metadata Editor Olivier Sirello (Bank for International Settlements)
11:25	Using hidden Markov and macro integration models for combining data from different sources Nino Mushkudiani (Statistics Netherlands)
11:40	Q&A
11:55	Lunch Break
13:35	Small Group Discussion (Open Source for Data Editing)
	Session 2: E&I Process Session Organizers: Florian Dumpert (Destatis, Germany), Simona Rosati (Istat, Italy) and Pedro Revilla (Statistics Spain)
14:25	Session introduction

14:35	National guidelines on data editing; the foundation for building a solution for the future Aslaug Hurlen Foss (Statistics Norway)
14:50	Q&A
14:55	Break
15:20	Moving towards the standardized process of automatic statistical data editing using machine learning techniques Ieva Burakauskaitė (Statistics Lithuania State Data Agency)
15:35	The editing and imputation process of the 2021 household and nuclei types reconstruction in Italy Rosa Maria Lipsi (Istat, Italy)
15:50	Q&A
16:00	Closing Day 1
19:00	Social Dinner

DAY 2 – Tuesday, 8 October 2024

9:30	Opening Day 2
9:35	KEYNOTE PRESENTATION: Building the new Banff: an open-source data editing system based on GSDEM concepts Darren Gray (Statistics Canada)
10:15	Q&A
10:25	Break
Session 3: Imputation Session Organizers: Alexander Kowarik (Statistics Austria), Sander Scholtus (Statistics Netherlands) and David Salgado (Statistics Spain)	
10:45	Session introduction
10:55	Full conditional distributions for handling restrictions in the context of automated statistical data editing Christian Aßmann (Leibniz Institute for Educational Trajectories)
11:10	Application of the MissForest algorithm for imputing income variables in the Survey on Income and Living Conditions Blandine Bianchi (Swiss Federal Statistical Office)
11:25	Q&A
11:35	Assessment of Manual vs Automated Survey Editing and Imputation Sean Rhodes (U.S. Department of Agriculture National Agricultural Statistics Service)
11:50	Enhancing Environmental and Health Statistics through Artificial Intelligence: A Comparative Study of Imputation Techniques Simona Cafieri (Istat, Italy)
12:05	LIGHTNING TALK: Random forest imputation of nutritional information for statistics on food consumption in Norway Magne Furuholmen Myhren (Statistics Norway)
12:10	Q&A
12:25	Lunch Break
13:55	Small Group Discussion (Collaboration for Creating and Sharing Synthetic Data)

Session 4: Selective Editing and Outlier Detection Session Organizers: Agnes Andics (Statistics Hungary), Sander Scholtus (Statistics Netherlands) and Pedro Revilla (Statistics Spain)	
14:45	Session introduction
14:55	Detecting Extreme Numerical Outliers in Trade Data: A Novel Method for Highly Asymmetric Distributions Andrea Cerasa (European Commission, Joint Research Centre)
15:10	Q&A
15:15	Break
15:35	Selective editing for the production of new Services Producer Price Indices (SPPIs) from indirect data sources. Simona Rosati (Istat, Italy)
15:50	Outlier Identification and Adjustment for Time Series Markus Fröhlich (Statistics Austria)
16:05	Q&A
16:20	Closing Day 2

DAY 3 – Wednesday, 9 October 2024

9:30	Opening Day 3
	Session 5: International Community Building Session Organizers: Darren Gray (Statistics Canada) and Daniel Kilchmann (Swiss Federal Statistical Office)
9:35	Session introduction
9:45	Organisational Aspects of Implementing ML Based Data Editing in Statistical Production Steffen Moritz (Destatis, Germany)
10:00	Presentation on the various themes of AIML4OS (project overview) Alexander Kowarik (Statistics Austria)
10:15	Q&A
10:25	The European One-Stop-Shop for Artificial Intelligence and Machine Learning for Official Statistics (AIML4OS): WP8 Use Case focused on data editing Steffen Moritz (Destatis, Germany)
10:40	The European One-Stop-Shop for Artificial Intelligence and Machine Learning for Official Statistics (AIML4OS): WP9 Use Case focused on imputation David Salgado (Statistics Spain)
10:55	Q&A
11:05	Break
11:25	Small Group Discussion (Organizing an International SDE Community)
12:15	Plenary Discussion on Future Works
12:35	Summary by the Chair
12:45	Closing of the Expert Meeting