

Virtual UNECE Workshop on Statistical Data Editing

31 August – 4 September 2020

Future work

4 September 2020

Discussant: Daniel Kilchmann (SFSO),
InKyung Choi (UNECE)

Potential collaboration

- See

<https://statswiki.unece.org/pages/viewpage.action?spaceKey=sde&title=Future+work+2020>

for more details on participants input.

Procedure

1. Presentation of the list of potential collaboration + potential topics for SDE2022.
2. Participants are asked to **complete** collaboration/topics through chat function. OC will consider suggestions at a later stage.
3. Canvassing future work 14h45 – **do not miss this!**
 - a. Provisional commitment for collaboration.
 - b. Voting for **interest** in topics.
 - c. Provisional commitment for contributing to the topics.

Potential collaboration

1. **Development of e-learning courses e.g. for GSDEMs, validation, influence observation + more complex methods. → potential**
2. Comparison with standard tools e.g. CANCEIS, BANFF, etc.
3. Design of E&I, guidelines when "no intervention"/"simple methodology" would be fit for purpose.
4. Other → **Use chat function if you have other ideas on collaboration for SDE in official statistics (collaboration: <your suggestion>).**

Potential WS topics SDE in off. stat.

1. ML, AI for E&I.
2. Imputation (for 'Covid-19 mass nonresponse') + variance.
3. Modernisation of data editing and statistical production.
4. Use of Deep Learning on Big Data + synchronize it with E&I.
5. Use of admin data for E&I.
6. Selection bias and SDE.
7. Infrastructure needed for open source SDE packages.
8. Missing prices and outlying price data.
9. Other → **Use chat function if you are interested in other topics of SDE in official statistics (topic: <your suggestion>).**

Potential collaboration provisional commitment

Use chat function to express your provisional commitment.

1. Development of e-learning courses e.g. for GSDEMs, validation, influence observation + more complex methods. → **could you/your institution collaborate?**
2. Comparison with standard tools e.g. CANCEIS, BANFF, etc. → **could you/your institution collaborate?**
3. Design of E&I, guidelines when "no intervention"/"simple methodology" would be fit for purpose. → **could you/your institution collaborate?**
4. (new) Methodologies for imputation + estimating its variance for register based/ combined census model. → **could you/your institution collaborate?**
5. Other → **could you/your institution collaborate?**

Potential WS topics SDE in off. stat.

Interest voting

Mentimeter: www.menti.com 8104576 ; max. 5 topics.

1. ML, AI for E&I.
2. Imputation (for 'Covid-19 mass nonresponse') + variance.
3. Modernisation of data editing and statistical production.
4. Use of Deep Learning on Big Data + synchronize it with E&I.
5. Use of admin data for E&I.
6. Selection bias and SDE.
7. Infrastructure needed for open source SDE packages.
8. Missing prices and outlying price data.
9. (new) SDE and preprocessing of new digital data for stat. purposes.
10. (new) Quality.
11. Other (if you had a different suggestion please vote also for 'other')

Potential WS topics SDE in off. stat. provisional commitment

Please indicate also **virtual/physical** presence.

1. ML, AI for E&I.
2. Imputation (for 'Covid-19 mass nonresponse') + variance.
3. Modernisation of data editing and statistical production.
4. Use of Deep Learning on Big Data + synchronize it with E&I.
5. Use of admin data for E&I.
6. Selection bias and SDE.
7. Infrastructure needed for open source SDE packages.
8. Missing prices and outlying price data.
9. (new) SDE and preprocessing of new digital data for stat. purposes.
10. (new) Quality.
11. Other.

Thank you for your inputs and your
collaboration!