

## Program Companion for BigSurv20 Friday #4

*November 27, 2020*

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### Coming down the homestretch!

Three BigSurv20 Fridays are in the books, but we still have a lot of goodness coming your way. The fourth BigSurv20 Friday on November 27<sup>th</sup> includes six sessions and covers a variety of big data topics including crowdsourced data, administrative data, paradata, missing data imputation, machine learning, and data collection modes.

In addition, this newsletter includes information for a late-breaking session on the Big Data Challenge (BDC). See page 2 for instructions on how to access the BDC session. We hope to virtually see you on Friday!

### The Best Black Friday Deal is BigSurv20!!

Looking for a reason to spend Black Friday with us? Here are three that immediately come to mind...

#### **Reason #1**

As the article title suggests, BigSurv20 truly is the absolute best deal you're going to find online this Black Friday. The program includes six sessions with 28 paper presentations. Plus a late-breaking session on November 30<sup>th</sup> provides an update on the Big Data Challenge. All for free! Let's see you find a similar bargain on Amazon.

#### **Reason #2**

Some BigSurv20 presentation recordings are only available to view during the conference. In

fact of the 28 paper presentations on this Friday's program, 17 are only available to view during the live Zoom session. So join us this Friday to catch video presentations that you won't be able to find anywhere else.

#### **Reason #3**

The BigSurv20 live Q&A at the end of every session is really worth it. It gives you an opportunity to learn more about the cutting-edge research being conducted.

### Poster competition update

Thank you all for participating in the poster competition during last week's BigSurv20 festivities.

With all votes cast (with no threats of any recounts 😊), and the jury having evaluated all the posters, we will announce the final winners during the [BigSurv20 closing session](#) on December 4<sup>th</sup>.

Most posters are still up on the [BigSurv20 webpage](#), so please take a look if you haven't already.



NOVEMBER 6  
TO DECEMBER 4  
VIRTUALLY  
EVERY FRIDAY

# BigSurv20 Friday #4 – Program at a Glance

This Friday includes six sessions and 28 paper presentations. Have fun with it!!

November 27<sup>th</sup> marks the fourth of our five “BigSurv20 Fridays.” For this week, the BigSurv20 Scientific Committee has organized six paper sessions. Please note that the recordings for many of the paper session presentations are already available on the BigSurv20 website and can be viewed in advance of the conference.

## **Concurrent sessions at 10:00am (Eastern Time)**

- [How official statistics can benefit from crowdsourced and administrative data](#)
- [A paradata paradise: Exploring the collection, use and analysis of paradata](#)
- [Advances in missing data imputation for large social surveys](#)

## **Concurrent sessions at 11:45am (Eastern Time)**

- [The integration of machine learning into official statistics](#)
- [Modes of data collection and their effect on data linkage results](#)
- [Big data enhancements to surveys: Methods and tools](#)

## **Late-breaking session: Big Data Challenge (Monday, November 30<sup>th</sup>)**

While you’ve been busy attending thought-provoking sessions, connecting with your BigSurv20 colleagues on Slack, and rewatching some of your favorite paper, poster, or demo presentations (all available on the BigSurv20 webpage!!), four teams have been working feverishly to develop solutions to the BigSurv20 Big Data Challenge.

### **BigSurv20 Big Data Challenge Background**

As previously described in this space, the BigSurv20 Big Data Challenge (BDC) is a live data event sponsored by Statistics Netherlands where teams are formed to create and evaluate big data generating smart systems to examine real-world challenges. The four challenges being investigated as part of the BigSurv20 BDC are the following (for a more detailed description of these challenges, please visit the [BDC webpage](#)):

- Challenge 1 – Household consumption
- Challenge 2 – Travel motive
- Challenge 3 – Labour force skills and job vacancies
- Challenge 4 – Consequences of COVID-19 on a student’s study choice

### **BigSurv20 BDC team updates**

The teams with guidance from their coaches (yes, every team has a coach who has been a point of contact for the team throughout the conference) have been hard at work putting the finishing touches on their BDC effort. Their work is leading toward a late-breaking session where each team will present their results (see the info below). A large round of applause should be given to the challenge coaches who all have spent quite a bit of time with teams and have been really engaged throughout the 3-week effort (including meetings held over the weekends). The challenge coaches are Konstantinos Giannakouris (for household consumption), Fannie Cobben and Martine de Mooij (labour force skills), Pauline Thoolen (study choice), and Danielle McCool, Ole Mussmann, and Barry Schouten (travel motive).

### **BigSurv20 late-breaking session on the BDC**

The teams will provide presentations of their challenge solutions to the BDC jury through a late-breaking session on Monday, November 30<sup>th</sup> starting at 9am (Eastern Time). We encourage you to attend to cheer on these teams and their fantastic efforts. Here’s a link to the [Zoom session for the BDC presentations](#) (Passcode = 391322).

The teams and their presentation starting times are as follows:

- 9:00am (ET) – Travel motive (Team Travel Escape)
- 9:30am (ET) – Labour force skills (Team Let’s Try)
- 11:15am (ET) – Household consumption (Team UU-ICS)
- 11:45am (ET) – Study choice (Team Velocity)