In 2022 and 2023, issues chosen by young statisticians included

- Predicting quality and evaluating the use of administrative data
- Classifying respondents to the Census of Population and Housing
- Machine Learning Algorithms
- Deep Learning Techniques
- Statistical Data Integration
- Integrating big and survey data
- Small area estimation methodologies
- Modelling self-identification
- Imputation
CONGRATULATIONS 2022 WINNERS

1. Dr. Erin Lundy (Statistics Canada):
   Predicting the quality and evaluating the use of administrative data for the 2021 Canadian Census of Population

2. Mr. Juan Carlos Galvez Sainz de Cueto, Mr. Jorge Fernandez Calatrava and Mr. Lasai Barrenada Taleb (Statistics Spain):
   Timeliness reduction on industrial turnover index based on machine learning algorithms

3. Dr. Andreea Luisa Erchiulescu (Westat, USA):
   Statistical data integration models to reconcile health official statistics
Joint First Place winners:

**Ms. Joanne Yoon** (Statistics Canada):  
*Classifying Respondent Comments from the 2021 Canadian Census of Population using Machine Learning Methods*

**Mr. Nelson Chua** and **Mr. Benjamin Long** (Australian Bureau of Statistics):  
*It’s time to build a small area estimation methodology for time-to-event data*

Second Place:

**Mr. Ryan Covey** (Australian Bureau of Statistics):  
*Integrating Big Data and Survey Data for Efficient Estimation of the Median*

Third Place:

**Dr. Alba Cervantes Loreto** (Statistics New Zealand):  
*Modelling self-identification of Māori businesses in Aotearoa New Zealand*
FOSTERING DEVELOPING NATIONS
SPECIAL COMMENDATION WINNERS

2023

Mr. Benjamin C.H. Chan, Mr. Ian Y.C. Ng and Ms. Natalie K.P. Chung

2022

Ms. Atika Nashirah Hasyyati (Badan Pusat Statistik – Statistics Indonesia):
*Imputation for subsampling in Indonesian National Socioeconomic Survey*

Mr. Benjamin C.H. Chan, Mr. Ian Y.C. Ng and Ms. Natalie K.P. Chung (Census and Statistics Department, Hong Kong, China):
*Anomaly Detection in Trade Declarations using Deep Learning Techniques: A Risk-assessment Approach to Identify Misclassification and Incorrect Valuation*
THANK YOU

• We congratulate all winners, past and present, and thank all authors for participating in the IAOS Young Statistician Prize.

• The Prize would not be such a success without the commitment of supervisors and institutions to nurturing young official statisticians.

• The Prize is also extremely grateful to the international judging panel who freely give their time and commitment.

• Together, the IAOS and the global statistical community are fostering talent, especially in developing nations, for our future success
WE NEED YOUR HELP

• Submission numbers are low
• Please reach out to your networks and promote the IAOS Young Statistician Prize
• Be a mentor, a coach, a champion
• The IAOS needs you