International Social Survey Programme in Canada - National Identity and Citizenship

A Data Management Plan created using DMP Assistant

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Project abstract:

This project seeks to have Canada rejoin one of the world's top international survey ventures, the International Social Survey Programme (ISSP), for 2023. As part of this project, an online survey will be run in October 2023 and focus on Canadians' attitudes and characteristics in the areas of national identity, citizenship, immigration, work, government representativeness, and social support. The purpose of this study is to better understand the social divisions and social inequalities in Canada, especially since the COVID-19 pandemic, and compare attitudes notably on immigration and the role of government over time (since 2003-2004) and across regions within Canada as well as merge the data with other ISSP countries to enable international comparisons. There is no other survey that collects data of this type in the same level of detail and which will enable extensive international comparisons with similar data from up to 43 other nations.

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Data Collection

What types of data will you collect, create, link to, acquire and/or record?

We will be collecting cross-sectional survey data from a self-administered online survey, hosted by the UWaterloo Survey Research Centre (SRC) using the software Qualtrics.
Anonymized survey responses will be initially recorded in Excel data files by the SRC, and then transferred to the principal investigator. The principal investigator will then also create cleaned Excel, Stata and SPSS data files with the survey responses.
An anonymized Canadian data file (in Excel, Stata and SPSS formats) will then be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized data file (SPSS format) will also be sent to the International Social Survey Programme (ISSP) and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries.

What file formats will your data be collected in? Will these formats allow for data re-use, sharing and long-term access to the data?

Anonymized survey responses will be initially recorded in Excel data files by the SRC, and then transferred to the principal investigator. The principal investigator will then also create cleaned Excel, Stata and SPSS data files with the survey responses.
An anonymized Canadian data file (in Excel, Stata and SPSS formats) will then be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized data file (SPSS format) will also be sent to the ISSP and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries.
These multiple formats will allow for data re-use, sharing and long-term access to the data.

What conventions and procedures will you use to structure, name and version-control your files to help you and others better understand how your data are organized?

Will match the ISSP naming and coding conventions, and will provide codebooks with all variable descriptions as part of the technical documentation that comes with the open-access data file.

Documentation and Metadata

What documentation will be needed for the data to be read and interpreted correctly in the future?

There will be a technical documentation file with all the information on how the survey was administered.
There will also be a codebook file with complete variable descriptions and numerical coding for the data file.
Both these documents will always accompany the download of the open-access data file.

How will you make sure that documentation is created or captured consistently throughout your project?

All metadata documentation will be provided in both Word and pdf formats.
Metadata documents will be created during each relevant phase of the data collection and cleaning.

If you are using a metadata standard and/or tools to document and describe your data, please list here.

All metadata documentation will be provided in both Word and pdf formats.
The technical documentation and codebook (metadata documents) will be created during each relevant phase of the data collection and cleaning.

Storage and Backup

What are the anticipated storage requirements for your project, in terms of storage space (in megabytes, gigabytes, terabytes, etc.) and the length of time you will be storing it?

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minimum storage period of 7 years

How and where will your data be stored and backed up during your research project?

The survey responses will be stored on University of Waterloo One Drive accounts and research team secured computers for a minimum of seven years. Complete back-ups will be done to a password-secured hard drive once a week.
An anonymized Canadian data file will be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized data file will also be sent to the ISSP and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries (gesis.org/home).

How will the research team and other collaborators access, modify, and contribute data throughout the project?

The survey responses will be stored on University of Waterloo One Drive accounts and research team secured computers.

Preservation

Where will you deposit your data for long-term preservation and access at the end of your research project?

An anonymized Canadian data file will be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized data file will also be sent to the ISSP and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries (gesis.org/home).

Indicate how you will ensure your data is preservation ready. Consider preservation-friendly file formats, ensuring file integrity, anonymization and de-identification, inclusion of supporting documentation.

Technical documentation and codebook (metadata documents) will be created in multiple file formats (Word and pdf) throughout the relevant phases of the project.
Anonymized data files will be saved in multiple file formats (Excel, Stata and SPSS).

Sharing and Reuse

What data will you be sharing and in what form? (e.g. raw, processed, analyzed, final).

An anonymized final Canadian survey data file will be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized final survey data file will also be sent to the ISSP and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries (gesis.org/home).

Have you considered what type of end-user license to include with your data?

Open-access data files.

What steps will be taken to help the research community know that your data exists?

My project will take measures to promote the open-access Canadian data file at conferences, via our social media and networks and via our institution's social media.
The ISSP is a well-known international survey programme, with thousands of user downloads for each of their data files on GESIS, and continuously promotes their datasets on their website, social media, extensive networks of researchers and at international conferences.

Responsibilities and Resources

Identify who will be responsible for managing this project's data during and after the project and the major data management tasks for which they will be responsible.

Sarah Wilkins-Laflamme
Responsible for data cleaning, storage, transfers and sharing.

How will responsibilities for managing data activities be handled if substantive changes happen in the personnel overseeing the project's data, including a change of Principal Investigator?

Another principal investigator will be found from among Sarah Wilkins-Laflamme's wider research projects and networks of colleagues.

What resources will you require to implement your data management plan? What do you estimate the overall cost for data management to be?

No additional cost.
UWaterloo institutional subscription to One Drive and website.
GESIS and ISSP do not charge for data archiving and sharing.

Ethics and Legal Compliance

If your research project includes sensitive data, how will you ensure that it is securely managed and accessible only to approved members of the project?

No identifiable information (names, emails, etc.) will be collected from survey respondents.
The survey responses will be stored on University of Waterloo One Drive accounts and research team secured computers for a minimum of seven years.

If applicable, what strategies will you undertake to address secondary uses of sensitive data?

Open-access data files will be anonymized.

How will you manage legal, ethical, and intellectual property issues?

Applying for ethics approval from the University of Waterloo.
No foreseen legal nor property issues with this project.

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Planned Research Outputs

Peer-reviewed journal articles (2) - "Peer-reviewed journal articles (2)"
2 peer-reviewed journal articles with key findings from the data analyses.

Conference presentations (4) - "Conference presentations (4)"
Four conference papers at Canadian and international scholarly conferences in the disciplines of sociology and political science.

Dataset - "Canadian ISSP - National Identity and Citizenship"
An anonymized Canadian survey data file will be posted on the research project's website (to be created in August 2023) for open access download in 2024, in accordance with SSHRC's open access data policies.
An anonymized survey data file will also be sent to the ISSP and GESIS in Germany to be archived for open access and to merge with similar data files from up to 43 other countries (gesis.org/home).

Policy brief (1) - "Policy brief (1)"
A summary of key findings for policy makers.

Planned research output details

Title	Type	Anticipated release date	Initial access level	Intended repository(ies)	Anticipated file size	License	Metadata standard(s)	May contain sensitive data?	May contain PII?
Peer-reviewed journal articles (2)	Peer-reviewed journal articles (2)	Unspecified	Open	None specified		None specified	None specified	No	No
Conference presentations (4)	Conference presentations (4)	Unspecified	Open	None specified		None specified	None specified	No	No
Canadian ISSP - National Identity and Citizenship	Dataset	2024-05-06	Open	None specified	500 MB	None specified	None specified	No	No
Policy brief (1)	Policy brief (1)	Unspecified	Open	None specified		None specified	None specified	No	No