The Data Quartet Challenge: Insights from Multi-Cohort Aggregation of Quebec Alzheimer's & Aging Datasets

Deadline for manuscript submission: April 15th 2026, 11:59 PM (EST)

The **Data Quartet Challenge: Insights from Multi-Cohort Aggregation of Quebec Alzheimer's & Aging Datasets** is launched to recognize students' contributions to innovative analysis projects using data from a minimum of two FRQ-supported Quebec Cohorts on Alzheimer's & Aging. Through this challenge, we seek to increase awareness within the scientific community about the extensive datasets on Aging and Alzheimer's Disease available across Quebec. We aim to encourage their integration, harmonization, and broader utilization.

The four FRQ-supported eligible cohorts are:

- **PREVENT-AD**: PI: Sylvia Villeneuve
  Web site: https://www.centre-stopad.com/
- **CIMA-Q**: PI: Frédéric Calon
  Web site: http://www.cima-q.ca/
- **TRIAD:** PI: Dr Pedro Rosa-Neto, Dr Paolo Vitali
  Web site: https://triad.tnl-mcgill.com/
- **NuAge**: PI: Pierrette Gaudreau
  Web Site: https://nuage.recherche.usherbrooke.ca/

Data access is the responsibility of the participating teams.

Each project must lead to at least one original, peer-reviewed, outstanding manuscript.

All manuscripts submitted to the Challenge will be reviewed by the scientific committee and will receive formal peer-review feedback to encourage a prompt official submission to a peer-reviewed journal.

Awards will be given as follows:

- **<u>There will be 3 prizes of 5000$</u>** each;
- Each team will be provided with a certificate of recognition;
- Winners will be announced and recognized at the joint Cohort Scientific Day in May 2026

Student Eligibility:
- Must be enrolled (full/part-time) in a recognized university (from 1st cycle to post-doctoral position).

Submissions Requirements:
- Manuscript submission must be in a ready-to-submit format and include:
    - List of co-authors
    - Targeted journal
    - Name of the student, university, program, name of the principal Investigator
    - Names of the cohorts used
- Submissions are to be sent by the stated deadline to: *Jennifer Tremblay-Mercier (jennifer.tremblay-mercier@douglas.mcgill.ca)*
- Manuscripts must be submitted to a peer-reviewed journal shortly after the reception of the peer-review feed-back from the scientific committee of this Challenge.

Selection Criteria:
- Use of data from at least 2 Quebec Cohorts listed above to generate the results of the manuscript
- Level of innovation of the research question
- Impact of the results in the field of Aging and Alzheimer's Disease
- Quality of the written manuscript
- The scope of data harmonization achieved across a wide array of variables from a maximum of eligible cohorts

Inter-cohort committee:

Dr Mahsa Dadar, Dr Simon Duchesne, Dr Frédéric Calon, Dr Sylvia Villeneuve, Dr Pedro Rosa-Neto, Dr Paolo Vitali, Dr Pierrette Gaudreau

Contact: Jennifer Tremblay-Mercier
Email: Jennifer.tremblay-mercier@douglas.mcgill.ca