Altruistic motivation and monetary incentives for blood donation

A Data Management Plan created using DMPonline.be

Creator: Stijn Bruers

Affiliation: KU Leuven (KUL)

Template: KU Leuven BOF-IOF

Principal Investigator: Stijn Bruers

Data Manager: Stijn Bruers

Project Administrator: First Name Surname

ID: 194171

Start date: 17-04-2020

End date: 30-09-2024

Project abstract:
In the past decades, most countries adopted a system of voluntary, non-remunerated blood and plasma donation. But how does an unpaid donation system compare to a paid system? This research project studies the economic and ethical aspects of blood commodification that occurs when blood donors are paid. A literature review summarizes the moral arguments for and against selling blood, behavioral economics models about the influence of material incentives on altruism, surveys on the acceptability of donor payments, and existing observational studies and field experiments about the consequences of donor payments on blood supply quantity and quality. The latter studies will be integrated in a meta-analysis to estimate the cost-effectiveness of blood donor payments. New surveys and field experiments, as well as existing observational data of the Flemish Red Cross, will be used to provide further empirical evidence of the harms and benefits of blood commodification on donors, patients and the rest of society.

Last modified: 13-12-2023

Altruistic motivation and monetary incentives for blood donation

Research Data Summary

List and describe all datasets or research materials that you plan to generate/collect or reuse during your research project. For each dataset or data type (observational, experimental etc.), provide a short name & description (sufficient for yourself to know what data it is about), indicate whether the data are newly generated/collected or reused, digital or physical, also indicate the type of the data (the kind of content), its technical format (file extension), and an estimate of the upper limit of the volume of the data.

Dataset name / ID	Description	New or reuse	Digital or Physical data	Data Type	File format	Data volume	Physical volume
		*Indicate: **N**(ew data) or **E**(xisting data)*	Indicate: **D**(igital) or **P**(hysical)	Indicate: **A**udiovisual **I**mages **S**ound **N**umerical **T**extual **M**odel **SO**ftware Other (specify)		Indicate: <1GB <100GB <1TB <5TB >5TB NA	
Meta-analysis blood donations	Contains data and calculations of cost-effectiveness of donor payments, used in meta-analysis	E	D	N	Excel	<100kB	
Paying donors cash or quasi-cash_DataAnalysis	Survey data about attitudes on donor payments	N	D	N	Excel	<1MB	
AltruisticMotivationSurveyRawData	Raw data of survey about altruistic motivation and monetary incentives for blood donation	N	D	N	Excel	<10MB	
AltruisticMotivationSurvey CleanedDataEligibleDonors	Cleaned data of survey for article about altruistic motivation and monetary incentives for blood donation	N	D	N	Excel	14MB	
AltruisticMotivationSurvey CleanedDataForSuppMaterial	Cleaned data of survey for article about altruistic motivation and monetary incentives for blood donation, used for supplementary material	N	D	N	Excel	<10MB	
RewardingPlasmaDonorsExperiment	Donor panel data of donations during a randomized experiment about rewarding plasma donors	N	D	N	Excel	<1GB	

If you reuse existing data, please specify the source, preferably by using a persistent identifier (e.g. DOI, Handle, URL etc.) per dataset or data type:

The meta-analysis data contains data from eight published studies

Are there any ethical issues concerning the creation and/or use of the data (e.g. experiments on humans or animals, dual use)? If so, refer to specific datasets or data types when appropriate and provide the relevant ethical approval number.

- Yes, human subject data (Provide SMEC or EC approval number below)

G-2021-4121
G-2022-5919
G-2022-4948

Will you process personal data? If so, please refer to specific datasets or data types when appropriate and provide the KU Leuven or UZ Leuven privacy register number (G or S number).

- Yes (Provide PRET G-number or EC S-number below)

G-2021-4121
G-2022-5919
G-2022-4948

Does your work have potential for commercial valorization (e.g. tech transfer, for example spin-offs, commercial exploitation, …)? If so, please comment per dataset or data type where appropriate.

- No

Do existing 3rd party agreements restrict exploitation or dissemination of the data you (re)use (e.g. Material or Data transfer agreements, Research collaboration agreements)? If so, please explain in the comment section to what data they relate and what restrictions are in place.

- No

Are there any other legal issues, such as intellectual property rights and ownership, to be managed related to the data you (re)use? If so, please

explain in the comment section to what data they relate and which restrictions will be asserted.

- No

Documentation and Metadata

Clearly describe what approach will be followed to capture the accompanying information necessary to keep data understandable and usable, for yourself and others, now and in the future (e.g. in terms of documentation levels and types required, procedures used, Electronic Lab Notebooks, README.txt files, codebook.tsv etc. where this information is recorded).

README.txt files will be provided

Will a metadata standard be used to make it easier to find and reuse the data?
If so, please specify which metadata standard will be used.

If not, please specify which metadata will be created to make the data easier to find and reuse.

- Yes

DataCite

Data Storage & Back-up during the Research Project

Where will the data be stored?

- Sharepoint online
- OneDrive (KU Leuven)

How will the data be backed up?

- Standard back-up provided by KU Leuven ICTS for my storage solution

Is there currently sufficient storage & backup capacity during the project?

If no or insufficient storage or backup capacities are available, explain how this will be taken care of.

- Yes

How will you ensure that the data are securely stored and not accessed or modified by unauthorized persons?

The OneDrive and Sharepoint are secured with KU Leuven Authenticator

What are the expected costs for data storage and backup during the research project? How will these costs be covered?

Data Preservation after the end of the Research Project

Which data will be retained for 10 years (or longer, in agreement with other retention policies that are applicable) after the end of the project?

In case some data cannot be preserved, clearly state the reasons for this (e.g. legal or contractual restrictions, storage/budget issues, institutional policies...).

- All data will be preserved for 10 years according to KU Leuven RDM policy

Where will these data be archived (stored and curated for the long-term)?

- KU Leuven RDR

What are the expected costs for data preservation during the expected retention period? How will these costs be covered?

Data Sharing and Reuse

Will the data (or part of the data) be made available for reuse after/during the project?
Please explain per dataset or data type which data will be made available.

- Yes, as restricted data (upon approval, or institutional access only)

If access is restricted, please specify who will be able to access the data and under what conditions.

KU Leuven researchers (prof. Erwin Ooghe, prof. Erik Schokkaert), journal reviewers and Red Cross Belgium - Flanders, according to the data transfer agreement.

Are there any factors that restrict or prevent the sharing of (some of) the data (e.g. as defined in an agreement with a 3rd party, legal restrictions)?

Please explain per dataset or data type where appropriate.

- No

Where will the data be made available?

If already known, please provide a repository per dataset or data type.

- KU Leuven RDR (Research Data Repository)

When will the data be made available?

- Upon publication of research results

Which data usage licenses are you going to provide?

If none, please explain why.

- Data Transfer Agreement (restricted data)

Do you intend to add a persistent identifier (PID) to your dataset(s), e.g. a DOI or accession number? If already available, please provide it here.

- No

What are the expected costs for data sharing? How will these costs be covered?

Responsibilities

Who will manage data documentation and metadata during the research project?

Stijn Bruers (KU Leuven)

Who will manage data storage and backup during the research project?

Stijn Bruers (KU Leuven)

Who will manage data preservation and sharing?

Stijn Bruers (KU Leuven)

Who will update and implement this DMP?

Stijn Bruers (KU Leuven)

Created using DMPonline.be. Last modified 13 December 2023

5 of 5