SOPs4RI

D6.3: Cleaned dataset

International Research Integrity Survey (IRIS)

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Project title: Standard Operating Procedures for Research Integrity
Project acronym: SOPs4RI
Grant Agreement no.: 824481
Lead contractor for this deliverable: University of Essex

The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824481.

Ref. Ares(2021)7953783 - 22/12/2021

Coordination and Support Action
H2020-SwafS-03-2018

Project full title

"Standard Operating Procedures for Research Integrity"

Project acronym

SOPs4RI

Grant Agreement no.

824481

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Editors:	Nick Allum & Abigail-Kate Reid
Version:	1.0
Dissemination level[1]:	PU
Authors:	Nick Allum, Abigail-Kate Reid
Reviewer:	Cristina Magder, UK Data Archive
Due date of deliverable:	31st December 2021
Actual submission date:	22/12/2021
Start date of project:	1/1/2019
Duration:	48 months
Organisation name of lead contractor for this deliverable:	University of Essex (UESSEX)

[1]This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824481

PU – Public; PP – Restricted to other programme participants (including the Commission Services); RE – Restricted to a group specified by the consortium (including the Commission Services); CO – Confidential, only for members of the consortium (including the Commission Services).

Document metadata

Version	*Date*	*Modification reason*	*Modified by*
0.1	11/10/21	First version	Nick Allum, Abigail-Kate Reid
0.2	25/10/21	WP partner review and error-check	Nick Allum, Abigail-Kate Reid, Noemie Aubert-Bonn, Miriam Bidoglia, Ivan Buljan, Simon Fugslang, George Gaskell , Serge P. Horbach, Panagiotis Kavouras, Ana Marušić, Niels Mejlgaard, Rea Scepanovic, Joeri Tijdink
0.3	12/12/21	Review of deliverable	Cristina Magder, UKDA
1.0	22/12/21	Final version	Nick Allum, Abigail Reid

Authors' contributions

This dataset is the result of the work that has taken place in work package 6 in SOPs4RI:

- PI: Nick Allum
- Design: Nick Allum, Abigail-Kate Reid + WP6 partners

Acknowledgement

The authors would like to express our gratitude to the many survey respondents who took the time to share their knowledge and opinions with us. We would also like thank Cristina Magder at the UK Data Archive for her help in preparing the dataset for public release.

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1. Introduction

1.1 Abbreviations

Below we present a list of abbreviations that will be used in this report:

RI – Research Integrity

SOP – Standard operating procedure

RPO – Research performing organisation

RFO – Research funding organisation

RIPP – Research Integrity Promotion Plan

ECoC – European Code of Conduct

CBA – Cost Benefit Analysis

DPO – Data Protection Officer

WP – Work Package

QRP – Questionable Research Practice

AAPOR – American Association for Public Opinion Research

1.2 Terminology

Below we present a glossary of the terms that are going to be utilized in this report:

Code: a document guiding the members of an organisation on ethical standards and how to achieve them. Ethics/integrity codes are formal documents sending a message about moral standards guiding professional behaviour by providing principles, values, standards, or rules of behaviour.

Guideline: a statement of principles or issues to consider when performing a task, aimed to guide courses of action. Guidelines give direction and help users make decisions. They are often created based on the consensus of experts after detailed evaluation and assessment of available evidence. They may include checklists.

Standard Operating Procedure (SOP): a detailed, written instruction, aimed to achieve uniform action step-by-step. SOPs prescribe specific actions; they liberate users from decision-taking by ensuring that the procedure is followed. They may come in the shape of a 'decision-tree'/flow-diagram, similar to what is referred to as an algorithm in clinical contexts.

Toolbox: a structured collection of easy-to-use SOPs and guidelines that RPOs and RFOs can use when developing their own Research Integrity Promotion Plans.

Research Integrity Promotion Plan (RIPP): a document describing how a specific institution will ensure, foster and promote responsible research practices, avoid detrimental practices, and handle misconduct. It is the intention that RPOs and RFOs should form their own RIPPs in order for them to take disciplinary, organisational and national differences into account.

1.3 About SOPs4RI

SOPs4RI (Standard Operating Procedures for Research Integrity) is a four-year (2019-2022), multi-partner transdisciplinary project funded by the European Commission (H2020-SwafS-03-2018, Grant Agreement no. 824481). The project has 13 partners in 10 European countries, and is coordinated by Aarhus University (AU). The project's homepage can be found here: https://www.sops4ri.eu/. SOPs4RI has also been preregistered on the Open Science Framework: https://osf.io/49fbk/

Objectives

The Standard Operating Procedures for Research Integrity (SOPs4RI) project aims to contribute to the promotion of excellent research and a strong research integrity culture aligned with the principles and norms of the European Code of Conduct for Research Integrity. The overall objective is to create a toolbox to support and guide research performing organisations (RPOs) and research funding organisations (RFOs) in fostering research integrity and consequently preventing, detecting and handling research misconduct and questionable research practices (QRPs). The project focuses on providing Standard Operating Procedures (SOPs) and guidelines that enable RPOs and RFOs to create and implement Research Integrity Promotion Plans (RIPPs). SOPs4RI will thus stimulate European organisations involved in performing and funding research to foster responsible conduct of research through organizational measures and policies. SOPs4RI takes a mixed-method, co-creative approach to the identification, development and empirical validation of SOPs and guidelines. The expected end-users of the tools provided by SOPs4RI are decision makers within RPOs and RFOs, e.g. university senior management (vice chancellors, deans, heads of administration), university academic councils, boards and directors of funding agencies, and their extended administrations. The identification, modification and development of SOPs and guidelines will take national, disciplinary, and organisational differences into account, and the final toolbox will enable RFOs and RPOs to create RIPPs in accordance with the needs of their organisation.

1.4 About this deliverable

Deliverable 6.3 is the file containing microdata from the International Research Integrity Survey (IRIS), conducted as part of the SOPs4RI project and reported in D6.2. The goal of IRIS is to examine across countries, research areas, and career stages the perceived need for organisational research integrity policies and procedures among researchers. Like previous surveys on research integrity, IRIS does look into patterns of self-reported participation in questionable research practices, but

the core ambition of IRIS is to examine researchers' perceptions of and attitudes towards organisational mechanisms promoting research integrity. Are researchers aware of existing policies and procedures? In what areas would organisational mechanisms be considered useful and relevant? How could policy measures for research integrity be communicated and implemented, and what would motivate researchers to act in accordance with principles and policies for research integrity? Such questions are important to explore as a context for designing, developing, implementing, and maintaining research integrity promotion plans within universities and other research performing organisations.

The protocol for this survey was developed and reported as Deliverable 6.1 of the SOPs4RI project. It can be accessed at the project website and on the Open Science Framework. Here, we deliver the dataset in a form suitable for open public access, along with documentation that will enable users to analyse it. Further documentation will be developed to accompany a safeguarded version of the dataset with special licence conditions that contains more granular data.

2. Survey Methodology

2.1 Sampling

The study population of interest was originally planned to be active researchers in the humanities, social sciences, natural sciences (including technical science), and medical sciences (including biomedicine), who hold a doctoral level degree and produce research for commercial or academic institutions within the EU, U.K., Canada, Australia and the US. We decided additionally to include Norway, Iceland, Lichtenstein and Switzerland as European Free Trade Area (EFTA) members and to include researchers who held at least a master's level degree.

2.1.1 Sampling frame

Our sampling frame was the Clarivate Web of Science bibliographic database, which contains details of publications produced by researchers in 21,894 scientific journals, books and conference proceedings (Matthews 2021).

The sample was constructed from a background population of academics, identified in the bibliographic database, Web of Science (WoS). WoS contains article metadata for more than a million research articles annually. From these records we extracted information on author names, affiliations and e-mail addresses, for all articles published in the period 2016-2020, where at least one author had an affiliation to an institution in one of the sample countries. We downloaded 8,159,772 metadata records and retrieved 3,929,283 e-mail addresses. Of these 3,072,372 were from our countries of interest.

E-mail addresses and author names are not directly linked in Web of Science metadata records. We therefore calculated i) the frequency of co-occuring name and e-mail pairs and ii) the resemblance between author names and the part of the e-mail address before the '@', taking into account initials and abbreviated names (e.g. 'js' for 'Jane Smith'). We further corrected the sample for frequent spelling mistakes or text-recognition errors (for example, '.com' was recognized as '.corn'). Finally, we searched the e-mail addresses for near-duplicates, which we manually checked to identify clear cases of errors. Using this approach, we created 3,759,814 author profiles with e-mail address.

The resemblance between author names and the e-mail address was also used to provide a likelihood measure of the correctness of name-email pairs.

2.1.2 Sample design

Our objective was to obtain a sample that was both representative of the WoS population and contained sufficient numbers of observations within all countries and fields to enable robust comparisons to be made. To accomplish this, we generated a systematic sample with unequal selection probabilities with explicit and implicit stratification. We aimed to increase the precision of comparisons across 4 scientific fields by each country combinations through aiming for a similar effective

sample size within each such combination. This naturally led to an unequal selection probability sample design with lower selection probabilities in those field-country combinations that have larger number of publications in WoS. The explicit stratification categories include fully crossed country by scientific field (natural, medical, social sciences and humanities) combinations. Within each such stratum a systematic sample was drawn additionally using implicit stratification by a more granular indicator of scientific field and an indicator of the number of papers published by each author.

The exceptions to this procedure include those countries, or fields within some countries, where the total number of authors was smaller than that required to achieve the planned effective sample size. In such situations all authors were included in the sample. (Full list of countries in Appendix I)

2.2 Survey content development

The survey rationale was developed and agreed in consultation with partners as detailed in protocol document D6.1, submitted in November 2020. Following the submission of deliverable D6.1, a group of survey and topic experts from across work packages met on 20/11/20 to discuss items that should be included within the survey to meet the agreed rationale. A first draft of the survey, drawing on this feedback, was subsequently compiled by WP6 at the University of Essex and circulated for review by the full survey content development team at a meeting on 22/1/21. Following this meeting a smaller working group was formed across work packages 4, 6 and 7 to consider in detail how to test specific issues that had arisen from co-creation workshops in WP4 and how the survey might be used to inform the work of WP7 in pilot testing the output of the wider project within a select group of institutions (meeting 8/2/21).

A second survey draft was circulated for comment following these meetings and was used for cognitive testing (details below) which occurred during the period 22/2/21- 5/3/21.

The wider group met again to discuss the results of cognitive interviews on 10/3/21 and to agree amendments to the survey, prior to fielding a pilot study in April 2021.

A third draft of the survey was created and circulated to a small select group of survey experts, external to the project, for comment, on 23/3/21.

Minor changes were made to produce a fourth draft for further detailed meeting with WP4. Due to the ongoing concurrent work of WP4, final meetings were held on 6th and 7th of April to ensure the most material possible could be tested within the survey, without placing inappropriate burden on the participant.

A fifth draft was produced for pilot testing.

The pilot study ran from 21st April – 12th May. Changes as a result of the pilot study (detailed below) resulted in the final survey instrument which was released at the end of June 2021.

2.2.1 Cognitive testing

Eight cognitive interviews were carried out during the two-week period from 22/2/21-5/3/21. These interviews were intended to serve as a sense check, confirming the usability of the survey

and ensuring that key terms were understood. The interviews were conducted by project partners using Microsoft Teams due to covid restrictions. Participants were from the social, natural and medical sciences and humanities. Participants were French Canadian, Portuguese, Greek, Italian, Belgian and Dutch and currently working in Portugal, United Kingdom, Belgium, Denmark and Greece. The interviews, which were conducted both in English and in non-English where that was the mother tongue of both interviewer and interviewee, included junior and senior researchers.

No major issues were presented, except concerns about the length of the "landscape" section where the survey aimed to identify the current landscape within organisations for 9 key research integrity areas. This section was maintained unchanged for the pilot survey due to its particular importance to the project overall but with some changes to how the information was presented to respondents. Only minor changes elsewhere in the survey were made as a result of the feedback received. These included providing a clearer definition of what was meant by research for assessing how much time was spent engaging in research; improving progression through the survey by removing or shortening misleading or over-lengthy introductions to new sections; and providing "don't know" as a response option when evaluating the effectiveness of institutional guidelines.

The accidental inclusion of 'Politics, Religion and Ethics' instead of 'Philosophy, Religion and Ethics' was raised but misinterpreted and consequently this error was not corrected.

2.2.2 Pilot testing

Following the cognitive testing, a simple random sample of 5000 email addresses were selected from the sampling frame of 3.2 million email addresses for a pilot study which ran from 21st April to 12th May 2021. 300 responses were generated from 5000 emails, at a rate of 6 percent although approximately 14 percent of emails were not delivered. Of those who had a chance to receive the email, 7 percent responded.

Several experiments to test the impact of using different communication methods on survey participation were included at the pilot stage. These included personalised and non-personalised email communication; wording the survey invitation either as offering a chance to participate or entreating for assistance; sending correspondence at different times of day; and changing the amount of time between communication stages (prenotification, invitation and reminders).

No substantial difference was found in the response rates of those with emails sent at different times of day (OR 1.03, p=0.8), or different style of email (OR 1.04, p=0.7). The odds of a person taking the survey with longer gaps between sending the survey and a subsequent reminder were slightly lower, but this was not statistically significant (OR 0.92, p=0.475). However, sending personalised correspondence did increase the odds of responding (OR 1.43, p=0.003).

The impact of survey length on survey completion, and whether the inclusion of potentially invasive questions about questionable research practices would cause respondents to break off from answering the survey were also tested by randomly assigning respondents to a shorter or longer version of the survey and placing the QRP questions at different points in the survey. There was no difference in the percentage of people who completed the survey in the groups with the long or short surveys and no-one dropped out during this set of questions about questionable research

practices. The bulk of survey breakoff occurred at the consent/eligibility or demographics stages before the survey started (62 percent) and during the lengthy landscape section (25 percent).

The findings of the pilot study led to the following changes prior to releasing the mainstage survey. Sampling frame data was further cleaned by the team at Aarhus, removing typos in email addresses and identifying probable duplicate cases, to increase the number of deliverable emails. Algorithms were used to identify probable names from email addresses to assist in sending personalised correspondence.

Following feedback from participants, greater emphasis was placed in the invitation text and in the opening two screens of the survey on the study being relevant for all fields. Additional text was added at the start of the survey to better introduce respondents to the topic ("Honesty, accountability, reliability and respect are really important principles for the conduct of research and scholarship in all fields of enquiry, but principles are often hard to put into practice. In this survey we will be exploring some of these ideas with you and we hope you will share your own views and experience with us.")

We removed potential barriers for those respondents who were wavering or undecideds about participating and who might be more easily persuaded to break off at the beginning. Consent was moved to the email invitation text such that clicking on the email link was confirmation of consent, rather than during the Qualtrics survey itself. Demographic questions that could sit naturally in other sections were moved from the beginning to make the survey more interesting earlier on and a question on age which we did not feel was adding anything to the analysis, was replaced with a question on sex on the assumption that there may be interest in analysing women in science.

To reduce missingness and survey breakoff during the landscape section, one question was removed, the descriptions of each of the 9 RI areas were shortened and the carousel-style format was replaced with a matrix.

Given the importance of the survey topic and that the pilot study showed that survey length did not increase survey breakoff, the full version of the survey was maintained.

In relation to eligibility, on learning that automatically excluding respondents on the grounds of their not having a PhD might systematically exclude participants from certain fields or countries where currently or historically a PhD was not a requirement for a career in research, we no longer fielded respondents out of the survey at this point, although we continued to state that the survey was intended for those with a PhD or equivalent.

Additionally, we added an option for those who are retired to tell us so and included additional text to explain to those who are not employed or retired that we would value their input, but we ask a number of questions that related to organisations. They were asked to think of their most recent organisational affiliation when answering questions.

Response rates for the pilot study were used to calculate the sample size required.

2.3 Field operations

The survey was conducted entirely online, in English, using the Qualtrics platform, both to design and distribute the survey using its mailing options. In total 4,325,827 emails were sent to our selected sample of 908,870 email addresses, in 46 batches, across 5 stages, 12.8 percent of which bounced (555,778) according to the survey software, during the period 22nd June – 28th July 2021.

All communication was individually addressed as far as possible due to the increased response rate using personal invitation during the pilot study. Those with a more reliable prediction of first and last names in the dataset were addressed by both in the prenotification and invitation stages. Those with only a last name were addressed as Dear Dr. Lastname. Those with a no name, were addressed Dear Colleague.

A prenotification email was sent to the full sample of 908,870 researcher email addresses in 10 batches between 22nd and 29th June 21 informing recipients that they would be receiving an invitation to take part in the study. It included links to information about the project, the funding organisation, and a contact for the study.

The invitation to the survey was sent using the Qualtrics survey platform mailing facility between 29th June and 5th July. The invitation included information about the project and funder, with links to the survey and to opt out from further communication. In addition, it included information about how the individual had been selected, the scope and purpose of the research for which personal data about them would be collected, how their personal data would be used, who would have access to it, the benefits of participation, and their right to withdraw at any time, including instructions on how to do so.

We sent a further 3 reminders about the survey between 9th and 28th July to researchers who had not yet taken the survey or opted out. Additional responses were not encouraged beyond the final reminder on 28th July. The survey remained open for a further month and was officially closed on 14th September.

Further details about the survey development and distribution can be found in Appendix IV.

2.4 Survey Response

73,757 people responded to the survey. Of these 1,602 were ineligible due to their country of employment being outside our specified countries. A further 6,391 were excluded as they completed less than 25 percent of the survey which gave no information beyond demographics. Lastly, those who did not state they were trained to at least master's level were removed. A remaining 64,074 cases were retained for the analysis. The overall response rate, computed using the American Association for Public Opinion Research's standard definitions, was 7.2 percent (Response Rate 2) (AAPOR 2016).

2.5 Weighting

We computed weights that we apply in our analyses to correct for the unequal selection probabilities of cases inherent in the sample design and for biases caused by differential non-response. Not all the authors in WoS had the same initial probability of selection, depending on the sizes of the WoS sub-populations used in the stratified design. We aimed to gather 500 responses in each scientific field in each country. Hence those authors in smaller countries that had few authors in WoS had a higher probability of selection than those in countries that had much greater representation. The weighting reflects these relative selection probabilities.

Certain subgroups in a population may be more likely to respond to a survey than others. These groups can end up over represented in the sample, which can bias the survey estimates. We used the information about our WoS authors that we included in the sample design to estimate the overall probability of responding. We modelled this using logistic regression. An binary variable that indicated whether a sample member provided a =usable response to the survey (ie answered more than 25 percent of the questions) was specified as the dependent variable. The independent variables were country, field, country x field, number of papers and granular subfield. The model therefore takes into account simultaneously the unequal selection probabilities and the differential non-response propensity. The weight variable we derive from estimating this model this was computed as the inverse of the predicted response probability for each respondent, normalised so that the final weighted sample size matched the unweighted sample size.

Two weight variables are included in the data file: `wtfactor` and `wfactortrimm99`. The latter included the weights trimmed so that the maximum is 15 – approximately the 99th percentile of the untrimmed `wtfactor`. Using the trimmed weights for analysis may introduce some bias but may also reduce sampling variance and we therefore recommend the use of `wtfactrtrim99` when using inferential statistics.

Two further variables are to be used in combination with the weights. These are `strata1`, which indexes the strata used in the sample design and `Nfpc`, which contains population counts to be used in making finite population adjustment. Example stata code:

```
svyset [pweight=wtfactortrim99], strata(strata1) fpc(Nfpc)
```

2.6 Data storage/ availability

Data was downloaded from Qualtrics on closing the survey 14.09.21. Identifying information (such as names and email addresses) has been removed from this master version of the data. A separate dataset containing the sampling ID, the ID generated when taking the survey and email address can be used with the de-identified dataset to identify respondents. Both datasets are held securely and accessible only to WP6. Following redactions of identifying variables, including collapsing certain categories and considering combinations of potentially identifying variables. The open access version of this data is the one included in D6.3 A safeguarded de-identified version of the data which

has retained individual country and granular field data will be archived and managed by UK Data Archive.

2.7 Ethical considerations

Ethical approval for conducting the survey was obtained from the University of Essex Faculty of Social Sciences Ethics Committee (ETH2021-0441). The approval document can be found on OSF: https://osf.io/xb9rk/.

3. References

American Association for Public Opinion Research. 2016. Standard Definitions:
Final Dispositions of Case Codes and Outcome Rates for Surveys. 9th edition. AAPOR

Anderson, M. S., Ronning, E. A., DeVries, R., & Martinson, B. C. (2010). Extending the Mertonian Norms: Scientists' Subscription to Norms of Research. The Journal of Higher Education, 81(3), 366–393. https://doi.org/10.1353/jhe.0.0095

Bray, D., & von Storch, H. (2017). The Normative Orientations of Climate Scientists. Science and Engineering Ethics, 23(5), 1351–1367. https://doi.org/10.1007/s11948-014-9605-1'

Macfarlane, B., & Cheng, M. (2008). Communism, universalism and disinterestedness: Re-examining contemporary support among academics for Merton's scientific norms. Journal of Academic Ethics, 6(1), 67–78. https://doi.org/10.1007/s10805-008-9055-y

Martinson, B. C., Anderson, M. S., & de Vries, R. (2005). Scientists behaving badly. Nature, 435(7043), 737–738. https://doi.org/10.1038/435737a

Matthews, T. (n.d.). LibGuides: Web of Science platform: Web of Science: Summary of Coverage. Retrieved 20 December 2021, from https://clarivate.libguides.com/webofscienceplatform/coverage

National Survey for Research Integrity 2020. (n.d.). Nsri2020. Retrieved 20 December 2021, from https://www.nsri2020.nl

PRINT@CFA – News about the PRINT project. (n.d.). Retrieved 20 December 2021, from http://print-cfa.dk/

4. Appendices

4.1 Appendix I. List of countries where Census sampling occurred

Country	Census sampling		
	All fields	Social Sciences	Humanities
Austria	x		
Belgium	x		
Bulgaria	x		
Croatia	x		
Cyprus	x		
Czech Republic	x		
Denmark	x		
Estonia	x		
Finland	x		
Greece	x		
Hungary	x		
Iceland	x		
Ireland	x		
Latvia	x		
Liechtenstein	x		
Lithuania	x		
Luxembourg	x		
Malta	x		
Norway	x		
Portugal	x		
Romania	x		
Slovakia	x		

Country	Census sampling		
	All fields	Social Sciences	Humanities
Slovenia	x		
Switzerland	x		
Australia			x
Canada			x
France			x
Germany			x
Italy			x
Netherlands			x
Poland		x	x
Sweden		x	x

4.2 Appendix II. Survey content further details

4.2.1 Demographics

The individual field categories listed as response options in the survey were taken from the Frascati manual. Fields were subsequently grouped into 4 categories which were condensed from the 6 Frascati manual categories as follows.

a. Natural Sciences => Natural sciences (including technical science)
b. Engineering and technology => Natural sciences (including technical science)
c. Medical and health sciences => Medical sciences (including biomedicine)
d. Agricultural and veterinary sciences => Natural sciences (including technical science)
e. Social sciences => Social sciences
f. Humanities and the arts => Humanities

The countries of interest for our study were:

- 27 European Union countries
- 4 European Financial Trade Agreement Countries
- 4 other countries of interest for comparison (UK, Canada, Australia and America).

A remaining list of countries taken from a Qualtrics response option library were included at the end of the list of countries of interest.

4.2.2 Science Values

Our science values questions were modified from the following three studies:

Topic	Question	Source
Universalism	*Do you think that researchers should always publish findings that are scientifically sound, even if they are contrary to their personal or political beliefs?*	Bray & Storch 2017
Communism	*Do you think that researchers should openly share new findings with colleagues?*	Martinson, Anderson & De Vries 2005

Topic	Question	Source
Disinterested-ness	*Do you think that intellectual work should be influenced by personal beliefs and values?*	Bray & Storch 2017
Disinterested-ness	*Do you think that researchers should change their research interests to access funding opportunities?*	MacFarlane & Cheung 2008
Organised Scepticism	*Do you think that researchers should consider all new evidence, hypotheses, theories, and innovations, even those that challenge or contradict their own work?*	Martinson, Anderson and De Vries, 2005

4.2.3 Questionable Research Practices (QRPs)

We drew on the experience of two previous surveys when compiling questions about this potentially sensitive topic area, the National Survey of Research Integrity (NSRI) study (OSF | National Survey on Research Integrity) and PRINT (PRINT@CFA, 2021).

Our question format was taken from NSRI.

NSRI Question:

Please specify how often you engage in the research practices listed on the following screens. If the research practice does not apply to you, please select 'Not applicable'.

[In the last three years, I …….]

SOPs4RI Question:

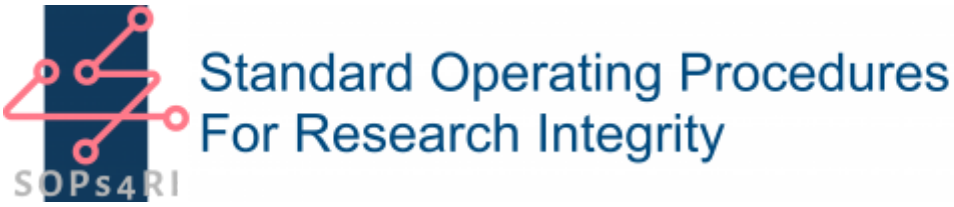
Thinking about research carried out for your publications over the last three years, how often has the following occurred?

Most example QRPs came from the PRINT survey, although one came from NSRI and one we included ourselves. We adapted the wording to suit our purposes. Our wording is shown in the table below alongside the source and question topic.

Topic	Question	Source
Selective citing	Wilfully failing to cite relevant publications that contradict your own beliefs, theories, hypotheses, methods or findings.	PRINT
Reviewing	When reviewing a manuscript, not investing the effort necessary to conduct a thorough review.	PRINT
Selective Reporting	Choosing not to report your findings if they could weaken or contradict your theories or hypotheses.	PRINT
Recycling	Deliberately using another researcher's unpublished idea without giving credit. For example, publishing an idea voiced by a colleague at an informal meeting without giving them credit.	PRINT
Authorship	In a publication, failing to disclose relevant personal, financial, political or intellectual conflicts of interests.	PRINT
Authorship	Including authors on a paper who had not contributed sufficiently to the work to merit authorship.	PRINT
Supervision	Inadequately supervising or mentoring junior coworkers.	NSRI
Ethical Approval	Carrying out research without getting the required ethical approval.	SOPs4RI

4.2.4 Full Questionnaire

Eligibility



Thank you for agreeing to participate in this survey on research integrity. Every response is valuable and will contribute towards improving the quality of research in the future. We appreciate your insights.

This is a survey for researchers in all fields, including the arts & humanities, social sciences, natural, medical, agricultural and veterinary sciences, engineering and any other. We are interested in those who have already completed doctoral level training or equivalent. You can find out more about our project here and our ethical review outlining how we will protect your data here.

You are free to withdraw at any point.

The Standard Operating Procedures for Research Integrity (SOPs4RI) has received funding from the European Union's Horizon 2020 research and innovation program under grant agreement No. 824481

Ethical approval reference number ETH2021-0441

Demographics

Honesty, accountability, reliability and respect are really important principles for the conduct of research and scholarship in all fields of enquiry, but principles are often hard to put into practice. In this survey we will be exploring some of these ideas with you and we hope you will share your own views and experience with us.

We are interested in analysing field differences. We want to know in which field you **mainly** work. Please select your field from the options below.

(We are using the fields of research and development (FORD) classification from the OECD Frascati manual. Please select the category that most closely matches your main field of work. We understand it is possible to work across more than one field, but please indicate the one that best describes what you mainly do.)

Natural sciences
- Biological sciences
- Chemical sciences
- Computer and information sciences
- Earth and related environmental sciences
- Mathematics
- Physical sciences
- Other natural sciences

Engineering and technology
- Civil engineering
- Chemical engineering

Please could you indicate your highest qualification.

- ◯ PhD / DPhil / Doctorate

- ◯ Masters Degree
- ◯ Undergraduate Degree

Was your doctoral training also in **${q://QID54/ChoiceGroup/SelectedChoices}**?

- ◯ Yes
- ◯ No

Which best describes the research discipline or sector your completed your doctoral training in?

Natural sciences
- Biological sciences
- Chemical sciences
- Computer and information sciences
- Earth and related environmental sciences
- Mathematics
- Physical sciences
- Other natural sciences

Engineering and technology
- Chemical engineering
- Civil engineering

We are also very interested in analysing country differences. Please could you tell us in which country your employer is currently based.

Please select…

It is very important to our study to know which country you are currently working in. If you missed this question, please click the back button below and enter this information. If you prefer not to tell us, please click the forward button to continue with the survey.

Is ${q://QID241/ChoiceGroup/SelectedChoices} the country where you are based most of the time?

- ◯ Yes
- ◯ No

Is ${q://QID241/ChoiceGroup/SelectedChoices} the country where you obtained your PhD?

- ◯ Yes
- ◯ No

In which country are you currently based?

Please select…

In which country was your PhD awarded?

Please select…

In which country did you spend most of your life until you were aged 18?

Please select…

Could we just check your level of English?

- Fluent
- Intermediate
- Basic

What best describes your current career stage?

- Early-career (e.g. postdoc, assistant professor, junior researcher)
- Mid-career (e.g. associate professor, senior researcher)
- Later-career (e.g. full professor, dean, director of research)
- Retired

As someone who has published recently, we value your opinions. Some of our questions relate to organisations. If you are not still affiliated with an organisation, please think of your most recent organisation when answering the following questions.

In what year were you awarded your PhD (or equivalent doctoral qualification)?

Please select...

What is your sex?

- ◯ Female
- ◯ Male
- ◯ Prefer not to say

And lastly, what type of employment contract do you currently hold?

- ◯ Permanent
- ◯ Temporary
- ◯ No employment contract (e.g. self-employed)

As an active researcher we value your opinion on these issues. Some of the following questions relate to research organisations. If you are not currently affiliated with an organisation then please think about an organisation with which you have been affiliated in the past when answering these questions.

Identity

Thank you for your responses so far. We are now going to ask you a few questions concerning how you feel about being part of the research culture around you.

Thinking about your role as a researcher, how much do you identify as each of the following:

	Not at all	A little	A moderate amount	A lot	A great deal	Does not apply
A researcher of my department or centre	○	○	○	○	○	○
A researcher of my organisation	○	○	○	○	○	○
A researcher of the country where I am currently working	○	○	○	○	○	○
A member of professional societies I am affiliated with	○	○	○	○	○	○
A researcher within a scholarly community (e.g. Researchers publishing in the same journals as me)	○	○	○	○	○	○

In your current job, how much of your working time would you say you spend on research (including applying for research grants and research-related activities as opposed to for instance, teaching, general administration or management).

- ○ All of my time
- ○ About two-thirds of my time
- ○ About half of my time
- ○ About one-third of my time
- ○ None of the time

Whose opinion about your research do you value the most?

(Even though you may value the opinion of all those mentioned, please say the most important to you.)

- ◯ My department's or centre's
- ◯ My organisation's
- ◯ Researchers in the country I am currently working
- ◯ Professional societies I am affiliated with
- ◯ My scholarly community (e.g. Researchers publishing in the same journals as me)

Knowledge about best practice for research comes from a variety of sources. How much information about good practices in your field do you get from the following sources?

	No information	A little information	Some information	A lot of information	Does not apply
Professional bodies I am affiliated with	◯	◯	◯	◯	◯
Funding organisations providing me with money	◯	◯	◯	◯	◯
Other researchers on social media	◯	◯	◯	◯	◯
My department or centre	◯	◯	◯	◯	◯
Published editorials or articles in my discipline	◯	◯	◯	◯	◯
My organisation	◯	◯	◯	◯	◯

	No information	A little information	Some information	A lot of information	Does not apply
Organisations providing research guidelines internationally	○	○	○	○	○
My scholarly community (e.g. Researchers publishing in the same journals as me)	○	○	○	○	○
Organisations providing research guidelines in my country	○	○	○	○	○
Research collaborators	○	○	○	○	○
Senior colleague, supervisor or mentor	○	○	○	○	○

And please could you tell us which of these best describes your current workplace?

- ○ Academia / University
- ○ Industry
- ○ Not-for-profit research institute
- ○ Government research centre
- ○ Healthcare setting
- ○ Other

Values

We are now going to ask you some general questions about your own beliefs and values.

The following few questions will describe a set of behaviours. We are interested to know whether you personally feel that these behaviours are the way researchers should behave (we are not asking you what researchers actually do, but what you think they should do).

Do you think that researchers should always publish findings that are scientifically sound, even if they are contrary to their personal or political beliefs?

- ◯ Yes, always should
- ◯ Usually should
- ◯ Sometimes should
- ◯ Rarely should
- ◯ No, never should

Do you think that researchers should openly share new findings with colleagues?

- ◯ Yes, always should
- ◯ Usually should
- ◯ Sometimes should
- ◯ Rarely should

- ◯ No, never should

Do you think that intellectual work should be influenced by personal beliefs and values?

- ◯ Yes, always should
- ◯ Usually should
- ◯ Sometimes should
- ◯ Rarely should
- ◯ No, never should

Do you think that researchers should change their research interests to access funding opportunities?

- ◯ Yes, always should
- ◯ Usually should
- ◯ Sometimes should
- ◯ Rarely should
- ◯ No, never should

Do you think that researchers should consider all new evidence, hypotheses, theories, and innovations, even those that challenge or

contradict their own work?

- ◯ Yes, always should
- ◯ Usually should
- ◯ Sometimes should
- ◯ Rarely should
- ◯ No, never should

Please select the response below which most closely matches where you think responsibility should lie for ensuring the highest standards of research.

- ◯ It is up to me to carry out research to the highest standard without any oversight from my organisation
- ◯ It is up to me to carry out research to the highest standard with some oversight from my organisation
- ◯ It is up to me to carry out research to the highest standard with a lot of oversight from my organisation

Research organisations often have policies that aim to enhance research integrity. By **research integrity** we mean the attitude and habits of researchers in conducting their research according to appropriate ethical, legal and professional frameworks, obligations and standards. It describes an approach for conducting and organising good scientific work.

People have different views on how effective and worthwhile these policies are. We'd like to know what you think.

Beliefs

Do you think research integrity policies are just "box-ticking" exercises (by which we mean satisfying bureaucratic administrative requirements rather than assessing the actual merit of the policies)?

- ◯ Always box-ticking exercises
- ◯ Mostly box-ticking exercises
- ◯ Sometimes box-ticking exercises
- ◯ Rarely box-ticking exercises
- ◯ Never box-ticking exercises

Do you think that research integrity policies help to improve the quality of your research?

- ◯ Always improve the quality of my research
- ◯ Mostly improve the quality of my research
- ◯ Sometimes improve the quality of my research
- ◯ Rarely improve the quality of my research
- ◯ Never improve the quality of my research

Positivity towards training

Suppose that your organisation sends you an email inviting you to attend a research integrity masterclass on some aspect of research integrity that interests you.

How would you feel about attending it?

- ◯ Very positive
- ◯ Positive
- ◯ Neither positive or negative
- ◯ Negative
- ◯ Very negative

Suppose that your organisation sends you an email inviting you to attend a research integrity training session on some aspect of research integrity that interests you.

How would you feel about attending it?

- ◯ Very positive
- ◯ Slightly positive
- ◯ Neither positive or negative
- ◯ Slightly negative
- ◯ Very negative

Suppose that your organisation sends you an email requiring you to attend a research integrity masterclass on some aspect of research integrity that interests you.

How would you feel about attending it?

- ◯ Very positive
- ◯ Slightly positive
- ◯ Neither positive or negative
- ◯ Slightly negative
- ◯ Very negative

Suppose that your organisation sends you an email requiring you to attend a research integrity training session on some aspect of research integrity that interests you.

How would you feel about attending it?

- ◯ Very positive
- ◯ Slightly positive
- ◯ Neither positive or negative
- ◯ Slightly negative
- ◯ Very negative

Landscape

We are now going to ask you in more detail about research integrity in the place where you work.

First of all, does your research institution have a written statement on research integrity?

- ◯ Yes
- ◯ No
- ◯ I don't know

How was this communicated to you?

(Please tick all that apply)

- [ ] Formal event
- [ ] Formal communication
- [ ] Informal communication (eg colleague)
- [ ] I looked for it myself
- [ ] I can't remember
- [ ] Other

In general, how much confidence do you have that the management in your organisation is effective in ensuring a high level of research integrity?

- ◯ Complete confidence
- ◯ A great deal of confidence
- ◯ Some confidence
- ◯ Not much confidence
- ◯ No confidence

We are now going to ask you about research integrity topics that other researchers have identified as being particularly important.

For each of the following descriptions, how closely does this resemble your working environment?

	Resembles my environment **very closely**	Resembles my environment **closely**	Resembles my environment **somewhat closely**	Resembles my environment **not very closely**	Resembles my environment **not at all closely**
Working Environment Collegial, and without harmful publication pressure, detrimental power imbalances or conflict.	○	○	○	○	○
Supervision and Mentoring Supervisors encourage responsible research practices and are selected if they meet specified criteria. Guidelines are in place for the supervision and mentoring of researchers at different career stages.	○	○	○	○	○
Integrity Training Training in research integrity is provided to all researchers, at all career stages, by qualified trainers.	○	○	○	○	○
Ethics Structures Dedicated and adequately trained research ethics committees are in place. Ethics reviews are relevant to various research areas and disciplines within the organisation.	○	○	○	○	○

	Resembles my environment **very closely**	Resembles my environment **closely**	Resembles my environment **somewhat closely**	Resembles my environment **not very closely**	Resembles my environment **not at all closely**
Integrity Breaches Researchers can consult a qualified person in confidence with any research integrity concerns. Breaches are detected and sanctioned in a fair and standardized way, protecting both whistleblowers and those accused of misconduct.	○	○	○	○	○
Data Management Infrastructure is in place for storing and sharing data securely and complies with national and international regulations. Guidance on secure data management is provided.	○	○	○	○	○
Research Collaboration Support is offered for ensuring responsible research collaboration can occur across disciplines, sectors or countries where guidelines and legislation may differ.	○	○	○	○	○
Declaration of Interests There is transparency and guidance in how to declare conflicts of interests in: research conduct; funding; peer review; promotion; and collaboration across sectors.	○	○	○	○	○

	Resembles my environment **very closely**	Resembles my environment **closely**	Resembles my environment **somewhat closely**	Resembles my environment **not very closely**	Resembles my environment **not at all closely**
Publication and Communication Open access and clarity in public engagement are encouraged. Researchers are supported with publication matters such as preregistration, reproducibility, handling authorship disputes, responsible peer review practices.	○	○	○	○	○

Thinking about the things that you just read about, are you aware of any policies that exist within your organisation which address the following research integrity areas?

Please select all that apply.

- ☐ **Working Environment**
  Collegial, without harmful pressure or conflict
- ☐ **Supervision and Mentoring**
  Supervisors encourage responsible research; guidelines for supervising different career stages
- ☐ **Integrity Training**
  Training for all researchers at all stages in research integrity
- ☐ **Ethics Structures**
  Dedicated and adequately trained research ethics committees, relevant to discipline
- ☐ **Integrity Breaches**
  Standardized and fair approach to managing breaches of research integrity
- ☐ **Data Management**
  Infrastructure in place for safe handling of data; guidance and training on data management

- [ ] **Research Collaboration**
  Guidelines to ensure research collaboration can be done responsibly where legislation may differ
- [ ] **Declaration of Interests**
  Transparency in declaring interests
- [ ] **Publication and Communication**
  Open access encouraged; advice on publication matters such as authorship, peer review

You told us that you are aware of policies in your organisation in the following areas. For each of these areas, do you think the policies in your organisation are effective as they are?

	Yes	No	Don't know
Working Environment	○	○	○
Supervision and Mentoring	○	○	○
Integrity Training	○	○	○
Ethics Structures	○	○	○
Integrity Breaches	○	○	○
Data Management	○	○	○
Research Collaboration	○	○	○
Declaration of Interests	○	○	○
Publication and Communication	○	○	○

Most/least important

Thank you for taking the time to answer our questions about research integrity so far.

We would now like to know, for each of the following research integrity areas, how important do you think it is for ensuring high quality research integrity in your field?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Research Collaboration Guidelines to ensure research collaboration can be done responsibly where legislation may differ	○	○	○	○	○
Declaration of Interests Transparency in declaring interests	○	○	○	○	○
Supervision and Mentoring Supervisors encourage responsible research; guidelines for supervising different career stages	○	○	○	○	○
Working Environment Collegial, without harmful pressure or conflict	○	○	○	○	○
Ethics Structures Dedicated and adequately trained research ethics committees, relevant to discipline	○	○	○	○	○
Publication and Communication Open access encouraged; advice on publication matters such as authorship, peer review	○	○	○	○	○

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Integrity Training Training for all researchers at all stages in research integrity	○	○	○	○	○
Data Management Infrastructure in place for safe handling of data; guidance and training on data management	○	○	○	○	○
Integrity Breaches Standardized and fair approach to managing breaches of research integrity	○	○	○	○	○

Confidence

Overall, how confident are you that your research is meeting high standards of research integrity?

- ○ Very confident
- ○ Somewhat confident
- ○ Not very confident
- ○ Not at all confident

Are there any areas where you would value additional support?

(Please select all that apply)

- ☐ Working Environment
- ☐ Supervision and Mentoring

- [ ] Integrity Training
- [ ] Ethics Structures
- [ ] Integrity Breaches
- [ ] Data Management
- [ ] Research Collaboration
- [ ] Declaration of Interests
- [ ] Publication and Communication

Benefits

And now, how motivating would each of the following factors be in encouraging you to adhere to formal research integrity procedures?

	Not at all motivating	Somewhat motivating	Fairly motivating	Very motivating	Extremely motivating
Better reputation in my field	○	○	○	○	○
Higher salary or income	○	○	○	○	○
Increased funding opportunities	○	○	○	○	○
Increased self-confidence in my research	○	○	○	○	○
More trust in my research by the general public	○	○	○	○	○
More trust in my research by my peers or colleagues	○	○	○	○	○
Increased chance of promotion	○	○	○	○	○

	Not at all motivating	Somewhat motivating	Fairly motivating	Very motivating	Extremely motivating
Being able to publish in higher status outlets	○	○	○	○	○
Facilitates collaboration with other researchers	○	○	○	○	○
More reliable scientific knowledge	○	○	○	○	○

QRPs introduction

The next few questions are about questionable research practices (QRPs). These are less than ideal research practices which might happen unintentionally. They are not research misconduct (ie fabrication, falsification, or plagiarism).

We will present you with a set of research practices and ask you to what extent you have engaged in them when working towards producing your **publications over the last three years**.

The next few questions are about questionable research practices (QRPs). These are less than ideal research practices which might happen unintentionally. They are not research misconduct (ie fabrication, falsification, or plagiarism).

We will present you with a set of research practices and ask you to what extent you have engaged in them when working towards producing your **publications over the last three years**.

(You will notice that response options for the next few questions will be provided in your assumed native language. This is to help us with a methodological study we are conducting. We thank you for your participation.)

QRPs loop

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nie
- ◯ Fast Nie
- ◯ Manchmal
- ◯ Oft
- ◯ Trifft nicht zu

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nie
- ◯ Selten
- ◯ Gelegentlich

- ◯ Oft
- ◯ Trifft nicht zu

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Mai
- ◯ Quasi mai
- ◯ A volte
- ◯ Spesso
- ◯ Non pertinente

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nikada
- ◯ Gotovo nikada
- ◯ Ponekad
- ◯ Često
- ◯ Ne primjenjuje

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nunca
- ◯ Quase nunca
- ◯ Algumas vezes
- ◯ Muitas vezes
- ◯ Não se aplica

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nigdy
- ◯ Prawie nigdy
- ◯ Od czasu do czasu
- ◯ Często
- ◯ Nie dotyczy

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nunca
- ◯ Casi nunca
- ◯ A veces
- ◯ A menudo
- ◯ No se aplica

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Jamais
- ◯ Presque jamais
- ◯ Parfois
- ◯ Souvent
- ◯ Ne s'applique pas

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Nikdy
- ◯ Téměř nikdy
- ◯ Někdy
- ◯ Často
- ◯ Neplatí

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Ποτέ
- ◯ Σχεδόν ποτέ
- ◯ Μερικές φορές
- ◯ Συχνά
- ◯ Δεν ισχύει

Thinking about research carried out for your publications over the last three years, how often has the following occurred?

${lm://Field/1}

- ◯ Often
- ◯ Sometimes
- ◯ Rarely
- ◯ Never
- ◯ Does not apply in my case

Introduction to training and supervision sections

Many thanks indeed for your responses so far. We are almost at the end of the survey.

The SOPs4RI project will provide a toolbox of policies, guidelines and procedures to help organisations support their staff in the responsible conduct of research. Extensive work has been carried out with experts to identify those areas researchers consider to be the most important for ensuring research integrity.

We value your opinion as an active researcher, and in a moment we will ask you briefly for your opinions about research integrity in a small sample of those areas. You will have the opportunity to tell us anything else that you wish in free text space provided, on the topic of research integrity in these areas.

Finally we will provide two ideas for improving research integrity for you to comment on.

Training section

How important would the following features be in encouraging you to participate in a research integrity training course?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Intellectually stimulating	○	○	○	○	○
Applicable across multiple fields	○	○	○	○	○
Takes a short amount of time	○	○	○	○	○
Available online in your own time	○	○	○	○	○
Of practical use to me in my research	○	○	○	○	○

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Would help me supervising staff / students	○	○	○	○	○
Enjoyable	○	○	○	○	○
Delivered face to face with the trainer	○	○	○	○	○
Would help me making grant applications	○	○	○	○	○

How important are the following characteristics for you, that a research integrity trainer should have?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Specialist knowledge of research integrity	○	○	○	○	○
Member of my own department	○	○	○	○	○
In-depth knowledge of my own field	○	○	○	○	○
Being an active researcher	○	○	○	○	○
Respected in their field	○	○	○	○	○
External to my organisation	○	○	○	○	○

Mentoring and Supervision

How important do you think the following features are for promoting supervision of the highest quality?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Tangible rewards for good supervision	○	○	○	○	○
Support structures in place for the well-being, care and mental health issues of supervisee	○	○	○	○	○
Procedure in place to change supervisor if necessary	○	○	○	○	○
Evaluation structures for supervision in place	○	○	○	○	○

In your current role do you have responsibility for supervising research staff or doctoral students?

- ○ Yes
- ○ No

And how positive do you feel about having supervisory responsibilities?

- ○ Very positive
- ○ Positive
- ○ Neither positive nor negative
- ○ Negative
- ○ Very negative

How confident are you that you are meeting the needs of your supervisees?

- ◯ Very confident
- ◯ Somewhat confident
- ◯ Not very confident
- ◯ Not at all confident

How important are the following characteristics for you, that a supervisor should have?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Ability to act as exemplar	◯	◯	◯	◯	◯
Knowledge of institutional support structures	◯	◯	◯	◯	◯
Familiarity with PhD or relevant procedures	◯	◯	◯	◯	◯
Ability to engage supervisee in decision-making process	◯	◯	◯	◯	◯
Ability to provide personal guidance	◯	◯	◯	◯	◯
Ability to communicate effectively with supervisees from different cultures	◯	◯	◯	◯	◯

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Ability to create balance between providing support and facilitating independence	○	○	○	○	○

Evaluation

In the course of our research, experts have derived an expanded list of potential criteria on which researchers could be evaluated which goes beyond the quality of their research alone. When a researcher's performance is being evaluated by an employer or potential employer, how important do you think it is to include each of the following activities in making an assessment of their performance?

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Societal impact of their research	○	○	○	○	○
Teaching	○	○	○	○	○
Peer review	○	○	○	○	○
Editorship of journals and other publications	○	○	○	○	○
Supervisory responsibilities	○	○	○	○	○
Outreach and communication of research to public audiences	○	○	○	○	○
Leadership	○	○	○	○	○

	Not important at all	Somewhat important	Fairly important	Very important	Extremely important
Publication metrics (eg Journal Impact Factor, H index)	○	○	○	○	○
Collegiality	○	○	○	○	○
Participation in, or delivery of, research integrity training	○	○	○	○	○

Research integrity free text

Please add any further thoughts you may have about research integrity relating to training, evaluation and supervision. Please feel free to include your experience, your opinions, ideas or suggestions. Please do not mention the names of individuals or organisations or include any other identifying information.

Two SOPs introduction

We now have two final ideas that we would like you to comment on. These have emerged from our discussions with other researchers.

Two SOPs

${lm://Field/1}

Does this already happen in your organisation?

- Yes
- No
- Don't know

${lm://Field/1}

Do you think this is a good idea or not?

- Extremely good idea
- Very good idea
- Good idea
- Neither good nor bad idea
- Bad idea
- Very bad idea
- Extremely bad idea

End of survey

Finally, if you have any comments you would like to make on any aspects of this survey or this study as a whole, or more generally about

research integrity issues, please make them here.

You can also give very quick feedback to inform our survey design using the response options below.

Do you think the survey was too short, about right, or too long?

- ◯ Too short
- ◯ About right
- ◯ Too long

Did you find it easy or hard to complete the questionnaire?

- ◯ Easy
- ◯ Neither easy nor hard
- ◯ Hard

And, taken as a whole, did you find the survey very interesting, interesting or not at all interesting?

- ◯ Very interesting
- ◯ Interesting
- ◯ Not at all interesting

Your participation has been very helpful to us. Would you be prepared to take part in future research by our research team?

- ◯ Yes
- ◯ No

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Question 12.1 Questionable Research Practices
Wilfully failing to cite relevant publications that contradict your own beliefs, theories, hypotheses, methods or findings.
When reviewing a manuscript, not investing the effort necessary to conduct a thorough review.
Choosing not to report your findings if they could weaken or contradict your theories or hypotheses.
Deliberately using another researcher's unpublished idea without giving credit. For example, publishing an idea voiced by a colleague at an informal meeting without giving them credit.
In a publication, failing to disclose relevant personal, financial, political or intellectual conflicts of interests.
Including authors on a paper who had not contributed sufficiently to the work to merit authorship.
Inadequately supervising or mentoring junior co-workers.
Carrying out research without getting the required ethical approval.

Question 19.1 Standard Operating Procedures Items
Mandatory research integrity training should be integrated in the curriculum for Bachelor, Master, and PhD students.
All researchers should be required to complete research integrity training every 2-3 years to update their knowledge.
All researchers starting a new position should be required to complete research integrity training.
Training should be provided for non-research skills such as conflict management, listening, and other “soft” skills.
Established researchers should be required to follow training to build new skills and to update their methods.
Supervisors and supervisees should be required to sign agreements laying out the expectations and obligations of supervision at the outset.
An independent body should be in place for supervisees and supervisors to turn to in the event of problems.
Mandatory training on supervision should be provided to all supervisors.
Organisations should not assess researchers using metrics that emphasise quantity or journal-level impact, such as publication counts, H-index, and Journal Impact Factor.
Good researchers who are not suitable research leaders should be allowed to progress in their career without the need to take on research leader tasks.
Team leaders (e.g. principal investigators) should be periodically assessed by asking colleagues about their leadership skills.
Organisations should provide researchers with an independent research integrity counselling service that can provide advice on research integrity dilemmas or queries.
Organisations should appoint research integrity ‘champions’ (colleagues who can provide informal advice about day-to-day research integrity questions) within every department or unit of their institution.
Organisations should adopt policies on diversity and inclusion for scientific seminars and speaker panels.
Organisations should monitor and publicly report their commitment, achievements and setbacks in ensuring diversity and inclusion.
Researchers should have access to mental health professionals as part of their conditions of employment.
Where an organisation provides a research counselling service, research counsellors should be able to guarantee confidentiality and secrecy to researchers, even in cases in which misconduct is being discussed.
Organisations should set a maximum number of students a researcher can supervise at once.
Organisations should adopt policies on diversity and inclusion for executive boards and university management.
Organisations should ensure that assessment procedures include evaluation from direct colleagues and supervisees as well as from those in a senior position to the member of staff being assessed.
Organisations should actively facilitate peer support groups for researchers at different stages of their career.

4.3 Appendix III. Survey Distribution

We contacted the selected sample with a prenotification email, an invitation to the survey and three subsequent reminders. In total 4,325,827 emails were sent to our selected sample of 908,870 email addresses, in 46 batches, across five stages, during the period 22nd June – 28th July 2021. 12.8 percent of these emails bounced (555,778) according to the survey software.

4.3.1 Prenotification

A prenotification email was sent to the full sample of 908,870 researcher email addresses in 10 batches between 22nd June and 29th June 2021, informing recipients that they would be receiving an invitation to take part in the study. The number of batches was partly due to the differences in how we would address recipients, partly due to requirements of mailing list size in the survey software we were using and lastly due to the software not uploading all the email addresses for reasons we were unable to establish from the software provider.

Prenotification email text can be seen in Figures 1 and 2 below. The first text was sent to 858,964 email addresses on 22nd and 24th June. A slightly modified version, with explicit opt-out option was sent to a remaining 49,923 email addresses on 29th June.

4.3.2 Invitation

The invitation to the survey was sent using the Qualtrics survey platform mailing facility to email addresses which had not opted out, or taken the survey before receiving the formal invitation. Invitations were thus sent to 907,785 people, in 9 batches, (of which 105,808 reportedly failed or bounced). A first batch was sent to 34,059 email addresses on 25th June 2021. The bulk of emails were sent in five further batches at staggered times on 29th June, with two smaller batches picking up those that Qualtrics had not uploaded on 30th June and 2nd July. A final small batch of emails was sent on 5th July to a small group that had been excluded following an "email bounced" status at the prenotification stage, on discovery that a bounce at one attempt did not mean a bounce at subsequent stages.

4.3.3 First reminder

A reminder email was sent on the 9th July to a remaining 862,905 email addresses who had not opted out or taken the survey already (107,327 bounced). The email highlighted the opt out facility and repeated all the further information about consent and participation that was included in the survey invitation. All further communication continued to include this information.

4.3.4 Second reminder

A second reminder email was sent on the 20th July to 834,595 (114,259 bounced) addressed to all recipients as "Dear Colleague" as it was not realistically possible to manually change the names of those who had highlighted an incorrect name to us, before the automated reminders would be sent out. This reminder thanked recipients for their interest, addressed a number of issues that had been experienced, and repeated the previous information about the survey.

4.3.5 Final reminder

A final reminder email was sent on the 28th July, again addressed "Dear Colleague" to a remaining 811,655 email addresses that had not opted out or started the survey, alerting recipients that the survey would close at the end of the month (116,240 failed to send or bounced).

Full text of the prenotification, invitation and reminder emails is included below.

Dear FirstName LastName / Dear Dr. LastName / Dear Colleague,

We are writing to let you know that in a few days you will receive an invitation to take part in a survey of researchers from more than 30 countries, on the topic of 'research integrity'. Our project, Standard Operating Procedures for Research Integrity (SOPs4RI) is funded under the European Commission Horizon 2020 Programme. Informed by empirical research, our aim is to deliver an online, freely accessible and easy-to-use 'toolbox' that can help organisations producing and funding research to cultivate research integrity and to reduce detrimental practices.

We are offering selected active researchers in all fields of study, including the arts & humanities, social sciences, natural, medical, agricultural and veterinary sciences, and engineering, whose email addresses appear in their published work on Web of Science, the opportunity to contribute their expertise and experience to our project through participating in this survey. If we have inadvertently addressed one of your co-authors, please note that this invitation is intended for you as the recipient of this email.

By taking part, you will have the chance to inform the development of our work in a valuable way, and to help improve the quality of research in the future. We also hope that you will also find the survey interesting and thought-provoking. The study is being run from the University of Essex and directed by Professor Nick Allum.

There is no need for you to do anything now; you will receive an invitation to take the survey online in the next few days. However, if you would like in the meantime to learn more about the project, you can visit our website here: www.sops4ri.eu or see our recent piece published in Nature 'Research integrity: nine ways to move from talk to walk', which provides a readable introduction to research integrity and to our project.

With best wishes

Professor Nick Allum and the SOPs4RI team

University of Essex
Wivenhoe Park
Colchester
Essex CO4 3SQ

Dear FirstName LastName,

We are writing to let you know that in a few days you will receive an invitation to take part in a survey of researchers from more than 30 countries, on the topic of 'research integrity'. Our project, Standard Operating Procedures for Research Integrity (SOPs4RI) is funded under the European Commission Horizon 2020 Programme. Informed by empirical research, our aim is to deliver an online, freely accessible and easy-to-use 'toolbox' that can help organisations producing and funding research to cultivate research integrity and to reduce detrimental practices.

We are offering selected active researchers in all fields of study, including the arts & humanities, social sciences, natural, medical, agricultural and veterinary sciences, and engineering, whose email addresses appear in their published work on Web of Science, the opportunity to contribute their expertise and experience to our project through participating in this survey. If we have inadvertently addressed one of your co-authors, please note that this invitation is intended for you as the recipient of this email.

We hope you will be interested, however if you do not wish to hear from us again please use the link below to opt out of future emails.

${l://OptOutLink?d=Click here to unsubscribe}

By taking part, you will have the chance to inform the development of our work in a valuable way, and to help improve the quality of research in the future. We also hope that you will also find the survey interesting and thought-provoking. The study is being run from the University of Essex and directed by Professor Nick Allum.

There is no need for you to do anything now; you will receive an invitation to take the survey online in the next few days. However, if you would like in the meantime to learn more about the project, you can visit our website here: www.sops4ri.eu or see our recent piece published in Nature 'Research integrity: nine ways to move from talk to walk', which provides a readable introduction to research integrity and to our project.

With best wishes

Professor Nick Allum and the SOPs4RI team

University of Essex
Wivenhoe Park
Colchester
Essex CO4 3SQ

Dear FirstName LastName / Dear Dr. LastName / Dear Colleague,

We wrote to you last week to tell you that you would soon receive an invitation to take part in a survey of researchers from more than 30 countries, on the topic of 'research integrity'. We are interested in hearing from scholars across all fields of study, including the arts & humanities, social sciences, natural, medical, agricultural and veterinary sciences, and engineering. If we have inadvertently addressed one of your co-authors, please note that this invitation is intended for you as the recipient of this email.

Standard Operating Procedures for Research Integrity (SOPs4RI) is funded under the European Commission Horizon 2020 Programme and we are offering selected active researchers whose email addresses appear in their published work on Web of Science, the opportunity to contribute their expertise and experience to our project through participating in the survey, which we would like now to invite you to complete.

Follow this link to the Survey:
${l://SurveyLink?d=Take the Survey}

Please use the link at the bottom of this email if you wish to opt out of any further communication.

Further information:

Your participation is entirely voluntary and by clicking the link above you will consent to take part. You may refuse to take part in the research or exit the survey at any time without penalty or without needing to give a reason. You are free to decline to answer any particular question you do not wish to answer for any reason.

Your responses will be anonymised by removing any personal information and will be analysed alongside tens of thousands of other responses to produce aggregate results. In line with the open access movement, we will make a fully anonymised data publicly available on the Open Science Framework for use for research purposes. No identifying information will be contained in this dataset.

If you initially decide to participate but change your mind later, you are free to withdraw by sending an email to the team at sops4ri@essex.ac.uk. You do not have to provide us with reasons for the termination of your participation. When you withdraw from the study, all your confidential data will be destroyed. If your data has already been analysed, the results will be used but the source of the data will not be retrievable.

There are no direct personal benefits of participation in this study. However, by participating, you will contribute to the development of effective standard operating procedures (SOPs) and guidelines for research integrity, which will help research organisations, including your own institution, to foster research integrity and avoid and handle research misconduct.

If you have questions at any time about the study or the procedures, you may contact the principal investigator, Professor Nick Allum via email at sops4ri@essex.ac.uk

Further details of survey protocols and data protection procedures can be found at our Open Science Framework pages.

If you would like to learn more about the project in general, you can visit our website here: www.sops4ri.eu and see our recent piece published in Nature 'Research integrity: nine ways to move from talk to walk', which provides a readable introduction to research integrity and to our project.

Follow this link to the Survey:
${l://SurveyLink?d=Take the Survey}

Or copy and paste the URL below into your internet browser:
${l://SurveyURL}

We thank you very much for your participation and hope you find the survey enjoyable and thought-provoking.

With best wishes

Nick Allum and the SOPs4RI team

University of Essex
Wivenhoe Park
Colchester
Essex CO4 3SQ

Follow the link to opt out of future emails:
${l://OptOutLink?d=Click here to unsubscribe}

SOPs4RI

Ethical approval reference number ETH2021-0441

Dear FirstName LastName / Dear Dr. LastName / Dear Colleague,

We wrote to you inviting you to take part in a survey of active researchers from more than 30 countries, across all fields of study, whose email addresses appear in their published work on Web of Science, on the topic of 'research integrity'. Standard Operating Procedures for Research Integrity. We understand that you have many calls on your time, however, if you can spare some time to complete the survey, we would very much appreciate it. You can access the survey here.

Follow this link to the Survey:
${l://SurveyLink?d=Take the Survey}

If you have already started the survey, we would be delighted if you decide to finish it, which you can do by using the same link.

If you prefer not to take the survey please scroll to the end of this email and click on the link to unsubscibe to avoid further reminders.

Further information:

Your participation is entirely voluntary and by clicking the link above you will consent to take part. You may refuse to take part in the research or exit the survey at any time without penalty or without needing to give a reason. You are free to decline to answer any particular question you do not wish to answer for any reason.

Your responses will be anonymised by removing any personal information and will be analysed alongside tens of thousands of other responses to produce aggregate results. In line with the open access movement, we will make a fully anonymised data publicly available on the Open Science Framework for use for research purposes. No identifying information will be contained in this dataset.

If you initially decide to participate but change your mind later, you are free to withdraw by sending an email to the team at sops4ri@essex.ac.uk. You do not have to provide us with reasons for the termination of your participation. When you withdraw from the study, all your confidential data will be destroyed. If your data has already been analysed, the results will be used but the source of the data will not be retrievable.

There are no direct personal benefits of participation in this study. However, by participating, you will contribute to the development of effective standard operating procedures (SOPs) and guidelines for research integrity, which will help research organisations, including your own institution, to foster research integrity and avoid and handle research misconduct.

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${l://SurveyLink?d=Take the Survey}

Or copy and paste the URL below into your internet browser:
${l://SurveyURL}

We thank you very much for your participation and hope you find the survey enjoyable and thought-provoking.

With best wishes

Nick Allum and the SOPs4RI team

University of Essex
Wivenhoe Park
Colchester
Essex CO4 3SQ

SOPs4RI

Follow the link to opt out of future emails:
${l://OptOutLink?d=Click here to unsubscribe}

Dear Colleagues,

We have been writing to you over the last few weeks about our survey Standard Operating Procedures for Research Integrity. We would like to thank so many of you for your interest, your kind words, offers of collaboration and overwhelming response to our project which is a clearly a very important topic for our community. We have tried hard to respond individually to as many of you as possible however this is simply not feasible and so we apologise if you have contacted us with well wishes or with queries that we have not yet managed to resolve. We will keep working through them and try to address some of the general issues that have arisen in this email (see Troubleshooting below).

Firstly, if you would like to avoid hearing from us again, please could you click here to unsubscribe:

${l://OptOutLink?d=Click here to unsubscribe}

(Please note, in the rare event that we hold more than one email address for you, please click this link at both email addresses to ensure that each email address is opted out from further correspondence.)

If you would like to start the survey or continue where you left off, you can do so here:

Follow this link to the Survey:
${l://SurveyLink?d=Take the Survey}

Or copy and paste the URL below into your internet browser:
${l://SurveyURL}

(Please note if you have contacted us to say that you started the survey but do not wish to continue, for any reason, please click unsubscribe to avoid any further contact.

*If the link is showing as closed please email us, using **Link Not Working** as the subject line).*

****

Troubleshooting

I have already completed the survey
Thank you for your engagement with our project. We are sorry to have contacted you again. Please click unsubscribe to avoid further correspondence.

Your emails are addressed to my co-author
We have attempted to identify the correct author from your work held on Web of Science. Occasionally we have linked your email address with your co-author's name instead. We are truly sorry for any potential offence caused and hope that you will be willing to take the survey which was intended for you as the recipient. Please either take the survey or click to unsubscribe if you do not want to be contacted again.

I cannot find my country
We have had reports from a few people to say that they cannot find their country in the list of dropdown options. On checking we have been able to confirm that these countries are listed as response options and have been selected many times by other respondents. There are two possible solutions:

- Countries have been listed in two sets in alphabetical order. Our intention was to ease respondent burden by placing the countries where we expected most respondents to be based at the top of the list. This means that you might be looking in the wrong part of the list which can be resolved by scrolling up or down. For some we will have made it easier, for others we have caused confusion and we apologise for that.
- The survey software support team note that there may be a browser issue affecting the response options that you can see. Please try clearing your browser cookies or accessing the survey from a different browser.

If you have already submitted your survey but would like to add this information, please contact us using **Missing Country** in the subject line and we will reopen the link for you.

The link is not working
Please email us at sops4ri@essex.ac.uk placing **Link Not Working** in the subject line so that we can check it for you.

****

Further information:

Your participation is entirely voluntary and by clicking the link above you will consent to take part. You may refuse to take part in the research or exit the survey at any time without penalty or without needing to give a reason. You are free to decline to answer any particular question you do not wish to answer for any reason.

Your responses will be anonymised by removing any personal information and will be analysed alongside tens of thousands of other responses to produce aggregate results. In line with the open access movement, we will make a fully anonymised data publicly available on the Open Science Framework for use for research purposes. No identifying information will be contained in this dataset.

If you initially decide to participate but change your mind later, you are free to withdraw by sending an email to the team at sops4ri@essex.ac.uk. You do not have to provide us with reasons for the termination of your participation. When you withdraw from the study, all your confidential data will be destroyed. If your data has already been analysed, the results will be used but the source of the data will not be retrievable.

There are no direct personal benefits of participation in this study. However, by participating, you will contribute to the development of effective standard operating procedures (SOPs) and guidelines for research integrity, which will help research organisations, including your own institution, to foster research integrity and avoid and handle research misconduct.

If you have questions at any time about the study or the procedures, you may contact the principal investigator, Professor Nick Allum via email at sops4ri@essex.ac.uk

Further details of survey protocols and data protection procedures can be found at our Open Science Framework pages.

If you would like to learn more about the project in general, you can visit our website here: www.sops4ri.eu and see our recent piece published in Nature 'Research integrity: nine ways to move from talk to walk', which provides a readable introduction to research integrity and to our project.

We thank you very much for your participation and hope you find the survey enjoyable and thought-provoking.

With best wishes

Nick Allum and the SOPs4RI team

University of Essex
Wivenhoe Park
Colchester
Essex CO4 3SQ

Dear Colleagues,

We have been writing to you over the last few weeks about our survey Standard Operating Procedures for Research Integrity.The survey will be closing in a few days on **31st July**. If you have been thinking about completing it, but haven't managed to do so yet, please do so here:

Follow this link to the Survey:
${l://SurveyLink?d=Take the Survey}

Or copy and paste the URL below into your internet browser:
${l://SurveyURL}

If you have raised an issue with the survey which we have not yet been able to address, we will respond as soon as possible, and we will be able to provide access to the survey after it closes in these cases.

If you are interested in further news from our project including the survey results (which we expect to release later in the year) please follow us on Twitter or visit our website .

We would like to thank you again for your interest and patience.

****

Further information:

Your participation is entirely voluntary and by clicking the link above you will consent to take part. You may refuse to take part in the research or exit the survey at any time without penalty or without needing to give a reason. You are free to decline to answer any particular question you do not wish to answer for any reason.

Your responses will be anonymised by removing any personal information and will be analysed alongside tens of thousands of other responses to produce aggregate results. In line with the open access movement, we will make a fully anonymised data publicly available on the Open Science Framework for use for research purposes. No identifying information will be contained in this dataset.

If you initially decide to participate but change your mind later, you are free to withdraw by sending an email to the team at sops4ri@essex.ac.uk. You do not have to provide us with reasons for the termination of your participation. When you withdraw from the study, all your confidential data will be destroyed. If your data has already been analysed, the results will be used but the source of the data will not be retrievable.

There are no direct personal benefits of participation in this study. However, by participating, you will contribute to the development of effective standard operating procedures (SOPs) and guidelines for research integrity, which will help research organisations, including your own institution, to foster research integrity and avoid and handle research misconduct.

If you have questions at any time about the study or the procedures, you may contact the principal investigator, Professor Nick Allum via email at sops4ri@essex.ac.uk

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We thank you very much for your participation and hope you find the survey enjoyable and thought-provoking.

With best wishes

Nick Allum and the SOPs4RI team

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4.4 Appendix IV. Data Dictionary

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
id	Sampling variable	Open ended		double
wtfactor	Combined design and non-response weight	Open ended		double
wtfactortrim99	Combined design and non-response weight, trimmed	Open ended		double
strata1	Sampling variable	Open ended		Numeric
Nfpc	Sampling variable	Open ended		Numeric
highqual	Please could you indicate your highest qualification.			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		PhD / DPhil / Doctorate	1	
		Masters Degree	2	
		Undergraduate Degree	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
phdmatch	Current field of research matches field of doctoral training			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		No	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
cbasematch	Researcher based in country of employment			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
cphdmatch	Doctoral training completed in the same country as current employment			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
fieldgrp	SOPs4RI grouped field variable			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Natural sciences (including technical science)	1	
		Medical sciences (including biomedicine)	2	
		Social sciences	3	
		Humanities	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
phdfield-grp	SOPs4RI doctoral training grouped field variable			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Natural sciences (including technical science)	1	
		Medical sciences (including biomedicine)	2	
		Social sciences	3	
		Humanities	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
cchldmatch	Are country of employment and childhood country the same?			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ctrygrp	Country of employment - grouped			Numeric
		EU	1	
		EFTA	2	
		Other	3	
ctrychldgp	Country of childhood - grouped			Numeric
		EU	1	
		EFTA	2	
		Other	3	
ctryphdgp	Country where doctoral qualification obtained - grouped			Numeric
		EU	1	
		EFTA	2	
		Other	3	
fluent	Could we just check your level of English?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Fluent	1	
		Intermediate	2	
		Basic	3	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
stage	What best describes your current career stage?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Early-career (e.g. postdoc, assistant professor, junior researcher)	1	
		Mid-career (e.g. associate professor, senior researcher)	2	
		Later-career (e.g. full professor, dean, director of research)	3	
		Retired	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
phdyeargp	Year of phd, grouped			Numeric
		Question not asked	-999	
		Seen not answered	-99	
		Less than 5 years	1	
		5-9 years	2	
		10-14 years	3	
		15-19 years	4	
		20 or more years	5	
		Seen, not answered	.a	
		Question not asked	.b	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not selected	.c	
		Out of scope	.d	
sex	What is your sex?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Female	1	
		Male	2	
		Prefer not to say	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
contract	What type of employment contract do you currently hold?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Permanent	1	
		Temporary	2	
		No employment contract (e.g. self-employed)	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supervisor	In current role: responsibility supervising research staff/doctoral students?			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
iddept	How much do you identify as: A researcher of my department or centre			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all	1	
		A little	2	
		A moderate amount	3	
		A lot	4	
		A great deal	5	
		Does not apply	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
idorg	How much do you identify as: A researcher of my organisation			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		A little	2	
		A moderate amount	3	
		A lot	4	
		A great deal	5	
		Does not apply	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
idcntry	How much do you identify as: A researcher of the country where I work			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all	1	
		A little	2	
		A moderate amount	3	
		A lot	4	
		A great deal	5	
		Does not apply	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
idprofsoc	How much do you identify as: A member of professional societies I am affiliated			Numeric
		Question not asked	-999	
		Seen, not answered	-99	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Missing	-9	
		Not at all	1	
		A little	2	
		A moderate amount	3	
		A lot	4	
		A great deal	5	
		Does not apply	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
idschlcom	How much do you identify as: A researcher within a scholarly community			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all	1	
		A little	2	
		A moderate amount	3	
		A lot	4	
		A great deal	5	
		Does not apply	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
active	In your current job, how much of your working time do you spend on research?			Numeric

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		All of my time	1	
		About two-thirds of my time	2	
		About half of my time	3	
		About one-third of my time	4	
		None of the time	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valopin	Whose opinion about your research do you value the most?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		My department's or centre's	1	
		My organisation's	2	
		Researchers in the country I am currently working	3	
		Professional societies I am affiliated with	4	
		My scholarly community (e.g. Researchers publishing in the same journals as me)	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
knwctry	Knowledge gained from Organisations providing research guidelines in my country			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwfund	Knowledge gained from Funding organisations providing me with money			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
knworg	Knowledge gained from My organisation			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwmentor	Knowledge gained from Senior colleague, supervisor or mentor			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwdept	Knowledge gained from My department or centre			Numeric

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwintrntl	Knowledge gained from Organisations providing guidelines internationally			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwprfbod	Knowledge gained from Professional bodies I am affiliated with			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwschlcom	Knowledge gained from My scholarly community			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwcollab	Knowledge gained from Research collaborators			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwsocmed	Knowledge gained from Other researchers on social media			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
knwedtrl	Knowledge gained from Published editorials or articles in my discipline			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No information	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		A little information	2	
		Some information	3	
		A lot of information	4	
		Does not apply	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
workplace	Which of these best describes your current workplace?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Academia / University	1	
		Industry	2	
		Not-for-profit research institute	3	
		Government research centre	4	
		Healthcare setting	5	
		Other	6	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valalwpub	Science values: always publish findings that are scientifically sound			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes, always should	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Usually should	2	
		Sometimes should	3	
		Rarely should	4	
		No, never should	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valshrfnd	Science values: share new findings with colleagues			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes, always should	1	
		Usually should	2	
		Sometimes should	3	
		Rarely should	4	
		No, never should	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valprsblf	Science values: intellectual work influenced by personal beliefs and values			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes, always should	1	
		Usually should	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Sometimes should	3	
		Rarely should	4	
		No, never should	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valacsfnd	Science values: change research interests to access funding			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes, always should	1	
		Usually should	2	
		Sometimes should	3	
		Rarely should	4	
		No, never should	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
valnewev	Science values: consider all new evidence			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes, always should	1	
		Usually should	2	
		Sometimes should	3	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Rarely should	4	
		No, never should	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
responsi-bility	Where should responsibility lie for ensuring highest standards of research?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		It is up to me to carry out research to the highest standard without any oversight from my organisation	1	
		It is up to me to carry out research to the highest standard with some oversight from my organisation	2	
		It is up to me to carry out research to the highest standard with a lot of oversight from my organisation	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
boxtck	Do you think research integrity policies are just box-ticking exer-cises?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Always box-ticking exercises	1	
		Mostly box-ticking exercises	2	
		Sometimes box-ticking exercises	3	
		Rarely box-ticking exercises	4	
		Never box-ticking exercises	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
improve	Do research integrity policies help improve the quality of your research?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Always improve the quality of my research	1	
		Mostly improve the quality of my research	2	
		Sometimes improve the quality of my research	3	
		Rarely improve the quality of my research	4	
		Never improve the quality of my research	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
training	Willingness to attend research integrity training			Numeric

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Very positive	1	
		Slightly positive	2	
		Neither positive or negative	3	
		Slightly negative	4	
		Very negative	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
master-class	Masterclass vs training session			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		masterclass	1	
		training	2	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mandatory	Required vs invited to attend			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		mandatory	1	
		voluntary	2	
		Seen, not answered	.a	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
traingrp	Experimental group for training question			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Voluntary masterclass	1	
		Voluntary training	2	
		Mandatory masterclass	3	
		Mandatory training	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ripolicy	Does your research institution have a written statement on research integrity?			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		I don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
comfmlevt	Research integrity policy communicated via Formal event			Integer
		No	0	
		Yes	1	
comfmlcom	Research integrity policy communicated via Formal communication			Integer
		No	0	
		Yes	1	
cominfcom	Research integrity policy communicated via Informal communication			Integer
		No	0	
		Yes	1	
comlooked	Research integrity policy communicated via I looked for it myself			Integer
		No	0	
		Yes	1	
comforget	Research integrity policy communicated via I can't remember			Integer
		No	0	
		Yes	1	
comother	Research integrity policy communicated via Other			Integer
		No	0	
		Yes	1	
conforg	Confidence management in org effective in ensuring high level of research integr			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Complete confidence	1	
		A great deal of confidence	2	
		Some confidence	3	
		Not much confidence	4	
		No confidence	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
reswkenv	How closely does this resemble your working environment: Working Environment			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment some-what closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
resspvmen	How closely does this resemble your working environment: Supervision & Mentoring			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment somewhat closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resingtng	How closely does this resemble your working environment: Integrity Training			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment somewhat closely	3	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resethics	How closely does this resemble your working environment: Ethics Structures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment somewhat closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resingbch	How closely does this resemble your working environment: Integrity Breaches			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment some-what closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resdatman	How closely does this resemble your working environment: Data Management			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment some-what closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resrescol	How closely does this resemble your working environment: Research Collaboration			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment somewhat closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
resdecint	How closely does this resemble your working environment: Declaration of Interest			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Resembles my environment somewhat closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
respubcom	How closely does this resemble your working environment: Publication and Comms			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Resembles my environment very closely	1	
		Resembles my environment closely	2	
		Resembles my environment somewhat closely	3	
		Resembles my environment not very closely	4	
		Resembles my environment not at all closely	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awrwkenv	Are you aware of organisational policies: Working Environment			Numeric

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awrspvmen	Are you aware of organisational policies: Supervision & Mentoring			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awringtng	Are you aware of organisational policies: Integrity Training			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not selected	.c	
		Out of scope	.d	
awrethics	Are you aware of organisational policies: Ethics Structures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awringbch	Are you aware of organisational policies: Integrity Breaches			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awrdatman	Are you aware of organisational policies: Data Management			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awrrescol	Are you aware of organisational policies: Research Collaboration			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
awrdecint	Are you aware of organisational policies: Declaration of Interests			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
awrpubcom	Are you aware of organisational policies: Publication and Communicaton			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effwkenv	Are your organisation's policies effective: Working Environment			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effspvmen	Are your organisation's policies effective: Supervision & Mentoring			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effingtng	Are your organisation's policies effective: Integrity Training			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effethics	Are your organisation's policies effective: Ethics Structures			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not selected	.c	
		Out of scope	.d	
effingbch	Are your organisation's policies effective: Integrity Breaches			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effdatman	Are your organisation's policies effective: Data Management			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effrescol	Are your organisation's policies effective: Research Collaboration			Integer
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effdecint	Are your organisation's policies effective: Declaration of Interests			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
effpubcom	Are your organisation's policies effective: Publication and Communication			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impwkenv	How important for research integrity: Working Environment			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impspvmen	How important for research integrity: Supervision & Mentoring			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impingtng	How important for research integrity: Integrity Training			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impethics	How important for research integrity: Ethics Structures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impingbch	How important for research integrity: Integrity Breaches			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impdatman	How important for research integrity: Data Management			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not selected	.c	
		Out of scope	.d	
imprescol	How important for research integrity: Research Collaboration			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
impdecint	How important for research integrity: Declaration of Interests			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Out of scope	.d	
imppubcom	How important for research integrity: Publication and Communication			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
confself	Confident your research is meeting high research integrity standards			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Very confident	1	
		Somewhat confident	2	
		Not very confident	3	
		Not at all confident	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
supwkenv	Would you value additional support: Working Environment			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supspvmen	Would you value additional support: Supervision & Mentoring			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supingtng	Would you value additional support: Integrity Training			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supethics	Would you value additional support: Ethics Structures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supingbch	Would you value additional support: Integrity Breaches			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supdatman	Would you value additional support: Data Management			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
suprescol	Would you value additional support: Research Collaboration			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supdecint	Would you value additional support: Declaration of Interests			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Out of scope	.d	
suppubcom	Would you value additional support: Publication and Communication			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		No	0	
		Yes	1	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mtvrelsci	Motivation for following procedures: More reliable scientific knowledge			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
mtvincfun	Motivation for following procedures: Increased funding opportunities			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mtvcollab	Motivation for following procedures: Collaboration with other researchers			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
mtvpubhgh	Motivation for following procedures: Publish in higher status outlets			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mtvrepfld	Motivation for following procedures: Better reputation in my field			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
mtvprmtn	Motivation for following procedures: Increased chance of promotion			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mtvsalary	Motivation for following procedures: Higher salary			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
mtvtrstpub	Motivation for following procedures: More trust in my research by general public			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
mtvtrstcol	Motivation for following procedures: More trust in my research by my colleagues			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
mtvslfcon	Motivation for following procedures: Increased self-confidence in my research			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not at all motivating	1	
		Somewhat motivating	2	
		Fairly motivating	3	
		Very motivating	4	
		Extremely motivating	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
qrpcite	QRP: failing to cite publications that contradict your beliefs			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
qrpreview	QRP: not conducting a thorough review			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
qrpreport	QRP: choosing not to report your own findings if they contra-dict your theories			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
qrpcred	QRP: using a researcher's idea without giving credit			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
qrpcnfint	QRP: failing to disclose conflict of interest			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
qrpauthsp	QRP: including authors who had not contributed sufficiently			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
qrpsupvn	QRP: inadequately supervising junior co-worker			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
qrpethapp	QRP: carrying out research without ethical approval			Numeric
		Does not apply in my case	1	
		Never	2	
		Rarely	3	
		Sometimes	4	
		Often	5	
trgintstm	How important for training: Intellectually stimulating			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgapmult	How important for training: Applicable across multiple fields			Numeric

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgshort	How important for training: Takes a short amount of time			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgowntme	How important for training: Available online in your own time			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgprctl	How important for training: Of practical use to me in my research			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trghlpspv	How important for training: Would help me supervising staff / students			Numeric
		Question not asked	-999	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgenjoy	How important for training: Enjoyable			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trgface	How important for training: Delivered face to face with the trainer			Numeric
		Question not asked	-999	
		Seen, not answered	-99	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
trggrntap	How important for training: Would help me making grant applications			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnrsplknw	Importance of trainer features: Specialist knowledge of research integrity			Numeric
		Question not asked	-999	
		Seen, not answered	-99	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnractive	Importance of trainer features: Being an active researcher			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnrrspct	Importance of trainer features: Respected in their field			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnrdept	Importance of trainer features: Member of my own department			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnrkwlfld	Importance of trainer features: In: depth knowledge of my own field			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
tnrextrnl	Importance of trainer features: External to my organisation			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvnreward	Importance for good supervision: Tangible rewards for good supervision			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvnwlbg-sup	Importance for good supervision: Well-being/mental health support for supervisee			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvnchgsup	Importance for good supervision: Procedure to change supervisor if necessary			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvneval	Importance for good supervision: Evaluation structures for supervision			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supvpos	How positive do you feel about having supervisory responsibilities?			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Very positive	1	
		Positive	2	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Neither positive nor negative	3	
		Negative	4	
		Very negative	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
supvconf	How confident are you that you are meeting the needs of your supervisees?			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Very confident	1	
		Somewhat confident	2	
		Not very confident	3	
		Not at all confident	4	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrknwstr	Importance, supervisor: Knowledge of institutional support structures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrprcdr	Importance, supervisor: Familiarity with PhD or relevant procedures			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrexmplr	Importance, supervisor: Ability to act as exemplar			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvreffcom	Importance, supervisor: Ability to communicate effectively			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrdcnmkg	Importance, supervisor: Engage supervisee in decision: making process			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrsupind	Importance, supervisor: Create balance between support and in-dependence			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
spvrprsnl	Importance, supervisor: Ability to provide personal guidance			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evlimpact	Importance evaluating performance: Societal impact of research			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evlteach	Importance evaluating performance: Teaching			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Not selected	.c	
		Out of scope	.d	
evlpeervw	Importance evaluating performance: Peer review			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evledjrnl	Importance evaluating performance: Editorship of journals and other publications			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Out of scope	.d	
evlsuprsp	Importance evaluating performance: Supervisory responsibilities			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evloutrch	Importance evaluating performance: Outreach and communication of research			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
		Out of scope	.d	
evlldshp	Importance evaluating performance: Leadership			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evlpubmet	Importance evaluating performance: Publication metrics			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
evlcllg	Importance evaluating performance: Collegiality			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
evltrng	Importance evaluating performance: Participation/delivery research integrity tra			Numeric
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Not important at all	1	
		Somewhat important	2	
		Fairly important	3	
		Very important	4	
		Extremely important	5	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopa	Mandatory research integrity training for Bachelor, Master, and PhD students			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopa	Mandatory research integrity training for Bachelor, Master, and PhD students			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopb	Researchers required to complete research integrity training every 2-3 years			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopb	Researchers required to complete research integrity training every 2-3 years			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopc	Researchers starting a new position required to complete research integrity trai			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopc	Researchers starting a new position required to complete research integrity trai			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopd	Training should be provided for non-research skills such as conflict management			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopd	Training should be provided for non-research skills such as conflict management			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsope	Established researchers should be required to follow training to build new skill			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasope	Established researchers should be required to follow training to build new skill			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopf	Supervisors and supervisees should be required to sign agreements			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopf	Supervisors and supervisees should be required to sign agreements			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopg	An independent body in place for supervisees/supervisors in the event of problem			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopg	An independent body in place for supervisees/supervisors in the event of problem			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsoph	Mandatory training on supervision should be provided to all supervisors			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasoph	Mandatory training on supervision should be provided to all supervisors			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopi	Orgs should not assess researchers by metrics that emphasise quantity or journal			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopi	Orgs should not assess researchers by metrics that emphasise quantity or journal			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopj	Good researchers progress career without the need to take research leader tasks			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopj	Good researchers progress career without the need to take research leader tasks			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopk	Team leaders assessed by asking colleagues about their leadership skills			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopk	Team leaders assessed by asking colleagues about their leadership skills			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopl	Orgs should provide researchers with independent research integrity counselling			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopl	Orgs should provide researchers with independent research integrity counselling			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopm	Organisations should appoint research integrity 'champions'			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopm	Organisations should appoint research integrity 'champions'			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopn	Orgs should adopt policies on diversity and inclusion for scientific seminars			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopn	Orgs should adopt policies on diversity and inclusion for scientific seminars			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopo	Orgs monitor and publicly report their commitment, achievements, setbacks			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopo	Orgs monitor and publicly report their commitment, achievements, setbacks			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopp	Researchers should have access to mental health professionals			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopp	Researchers should have access to mental health professionals			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopq	Research counselling service, research counsellors to guarantee confidentiality			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopq	Research counselling service, research counsellors to guarantee confidentiality			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopr	Orgs should set a maximum number of students a researcher can supervise			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopr	Orgs should set a maximum number of students a researcher can supervise			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsops	Orgs should adopt policies on diversity and inclusion for executive board			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasops	Orgs should adopt policies on diversity and inclusion for executive board			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopt	Orgs should ensure that assessment procedures include evaluation			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopt	Orgs should ensure that assessment procedures include evaluation			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

Variable Name	Variable Label	Answer Label	Answer Code	Variable Type
existsopu	Orgs should actively facilitate peer support groups for re-searchers			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Yes	1	
		No	2	
		Don't know	3	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	
ideasopu	Orgs should actively facilitate peer support groups for re-searchers			Integer
		Question not asked	-999	
		Seen, not answered	-99	
		Missing	-9	
		Extremely good idea	1	
		Very good idea	2	
		Good idea	3	
		Neither good nor bad idea	4	
		Bad idea	5	
		Very bad idea	6	
		Extremely bad idea	7	
		Seen, not answered	.a	
		Question not asked	.b	
		Not selected	.c	
		Out of scope	.d	

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The project leading to this application has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 824481.