UNIVERSITY OF AMSTERDAM
Faculty of Humanities

DOING SCIENCE IN TIMES OF COVID-19: A SURVEY
Collecting systematic survey data on scientists' information-seeking and information-spreading behaviour in a time of crisis (NWO Corona Fast-Track Data)

For additional information about the NWO Corona Fast-Track Data (CFTD) study, this survey instrument, or survey findings, please see covid19.humanities.uva.nl or contact: k.l.a.roex@uva.nl.

****

INTRODUCTION:

Welcome to our survey. We, Giovanni Colavizza and Karlijn Roex (Faculty of Humanities, University of Amsterdam), are conducting a new study.

Purpose of the study

Researchers play a vital role in tackling the crisis through conducting novel research and then informing governments and the public about their findings. Yet, we do not know how academics have been impacted by the pandemic. We aim to understand various forms of information behavior of researchers in this time of crisis, and to uncover the added value of currently unacknowledged practices.

By participating you will help us in collecting information about the working lives of academics that might otherwise be lost and, we hope, allow us to develop actionable insights that will be of use during the crisis.

[Next page]

Who can take part?

Everybody who is pursuing academic research is invited to take part in the study. Before taking the survey, it is important that you read about the procedures we will be applying. Please make sure to read this information carefully.

Course of events during the study

The study will take approximately 10 minutes to complete.

You will be asked about the way you inform yourself and potentially also others on the latest COVID-19 research. We will also ask you about your experiences and hopes regarding the role of science and scholarship in this crisis. Moreover, we will ask you some demographic information such as age and gender, as different researchers are impacted differently by the pandemic.

Right to withdraw

If you decide not to participate in this study, this will in no way affect you. You can stop at any time without providing reasons.

[Next page]

Your privacy is guaranteed

[Wave 2] Before the survey:
Academic researchers working at Dutch research institutes may be contacted by us with an invitation to participate in our survey. We gathered these e-mail addresses through manually scrawling public contact information on university websites.

During the survey:
We will NOT ask any personal information in the survey that can be traced back to individual respondents. Respondents' answers are not coupled with the e-mail address through which we contacted them, or with the e-mail address they give us to stay informed/ participate in further waves. Respondents receive a non-personal survey link. For the collection of research data obtained from this study, we use the secure service Qualtrics - which is approved by our institute.

Survey research data:
Research data obtained from this study will be published in scientific journals; completely anonymized data can be shared with other researchers. These will also be published for use by other researchers on acknowledged platforms such as Zenodo and OSF.

[Wave 1] We will NOT ask any personal information that can be traced back to you. Research data obtained from this study will be published in scientific journals; completely anonymized data can be shared with other researchers.

[Wave 2] Before the survey:
Academic researchers working at Dutch research institutes may be contacted by us with an invitation to participate in our survey. We gathered these e-mail addresses through manually scrawling public contact information on university websites.

Discomfort, risks and insurances
As with any research at the University of Amsterdam, a standard liability insurance applies.

Further information
More information can be consulted at our project website
[Wave 2] More information on privacy specifically can be read here.

If you have any questions about this research, you can contact the responsible researcher, Dr. Giovanni Colavizza, via email: g.colavizza@uva.nl

For any complaints about this investigation, you can contact the secretary of the Ethics Committee of the Faculty of Humanities of the University of Amsterdam: commissie-ethiek-fgw@uva.nl, phone: +31 20 - 525 3054.

[Next page]

Consent form

Please complete the entire form in order to proceed.	Yes	No
I am an academic researcher [Consent_1]		
I have read and understand the study information. [Consent_2]		
I agree to participate in this study and I agree with the use of the data that are collected. [Consent_3]		
I reserve the right to withdraw my participation from the study at any moment without providing any reason. [Consent_4]		

[If people answer 'no' to one of these items in the consent form, they are directed towards the end of the survey.
IF Consent_1| Consent_2 | Consent_3 | Consent_4 = 'No' ☐ skip to: End of survey]

[Next page]

ACADEMIC BACKGROUND:

Which of the following best describes your field of study? [Field]
*If you are retired and no longer active in research: please pick the field you were active in.

[Drop-down menu]

Humanities
Law & Legal Studies
Clinical & Medical Sciences/ Health Studies

Economics/ Business & Management
Science/ Mathematics
Social Sciences

[Next page]

**[Those that answered 'Humanities' in the 'Field' question, are directed to the question 'Specify_1' below.
IF Field = 'Humanities']**

Here you can optionally further specify your field of study. [Specify_1]

[Drop-down menu]

Art History/ Criticism/ Conservation
Music/ Drama/ Dance/ Performing Arts/ Film and Screen Studies
History
Languages/ Linguistics/ Literature
Music/ Musicology
Philosophy
Religion/ Religious Studies

[Next page]

Here you can optionally further specify your field of study. [Specify_2]

[Drop-down menu]

Allied Health Professions, Dentistry, Nursing and Pharmacy
Clinical Medicine
Clinical Psychology, Psychiatry and Neuroscience
Public Health, Health Services and Primary Care

[Next page]

Here you can optionally further specify your field of study. [Specify_3]

[Drop-down menu]

Accounting
Banking & Finance
Business Administration & Management
Economics

Econometrics

[Next page]

**[[Those that answered 'Science/ Mathematics' in the 'Field' question, are directed to the question 'Specify_4' below.
IF Field = 'Science/ Mathematics']**

Here you can optionally further specify your field of study. [Specify_4]

[Drop-down menu]

Agricultural & Food Sciences
Astronomy & Astrophysics
Biochemistry & Biophysics
Cell, Cellular Biology & Molecular Biology
Chemistry
Computer & Information Sciences
Engineering
Environmental Sciences
Geosciences, Atmospheric & Ocean Sciences
Mathematics & Statistics
Microbiological Sciences & Immunology

Other Biological Sciences
Physics

[[Those that answered Social Sciences' in the 'Field' question, are directed to the question 'Specify_5' below.
IF Field = 'Social Sciences']

Here you can optionally further specify your field of study. [Specify_5]

[Drop-down menu]

Anthropology
Area/ Ethnic/ Cultural/ Gender Studies
Criminology
Demography/ Population Studies
Education
Geography
International Relations/ Affairs
Political Science & Government
Psychology
Sociology

[Next page]

Which of the following best describes your current position? [cr_stage]

[Single answer]

Full professor
Associate professor
Assistant professor
Post-doctoral researcher
Graduate student in a doctoral program
Retired faculty or principal investigator still engaged in research
Retired scientist no longer engaged in research
Other

[Those that answered that they were a retired scientist no longer engaged in research, were directed towards the end of the survey.
IF cr_stage = 'Retired no longer engaged in research' ☐ skip to: End of survey]

[Next page]

For a better understanding of the impact of the coronavirus pandemic on researchers, we would like to know your relation to the topic.

Are you working on COVID-19 as your research topic, either partially or fully? Note that we also mean non-medical research, such as studying the economic, cultural and/ or societal dimensions of the pandemic. [topic_covid]

[Single answer]

Yes, fully
Yes, but only partially
No

**[Those that answered 'No', were routed towards the question 'routing_noncovid'.
IF topic_covid = 'No' ☐ skip to: (routing_noncovid) You indicated that you have not actively been researching COVID-19. In the last 4 weeks, have you nevertheless done or experienced any of the following?]**

[Next page]

Have you been working on this before the COVID-19 pandemic? Or on anything closely related, such as other coronaviruses, large epidemics, pandemics such as tuberculosis, or the potential of future pandemics? [Prev_pand]

[Single answer]

Yes
No

**[Those that answered 'Yes' here, were directed towards the question titled 'Infos_what_act_ann'.
IF topic_covid_classic = 'Yes' ☐ skip to: (Infos_what_act_ann) The following questions deal with the…]**

[Next page]

When did you start working on COVID-19? [New_pand]

[Single answer]

Before March
March or April
From May on

INFORMATION BEHAVIOUR:

Routing question for non-covid-researchers: You indicated that you have not actively been researching COVID-19. In the last 4 weeks, have you nevertheless done or experienced any of the following?

[Single answer]

	Yes	No
Searched for some scientific information or data on COVID-19 that was useful for me personally [Routing_noncovid_X_1]		
Unexpectedly came across some COVID-19 information that was useful for me personally (e.g. through a general newsletter or social media check or an unprompted message from a colleague) [Routing_noncovid_X_2]		
Shared or referred to some scientific information or data on COVID-19		

[Routing_noncovid_X_3]		

[Next page]

[The following question intro and items (Infos_what_act_1 to Infos_what_act_6) were displayed to respondents who…
-   Did not actively study COVID-19 but indicated in the item 'Routing_noncovid' that they had searched for some scientific information or data on COVID-19
-   Actively study COVID-19

IF

Routing_noncovid = 'Yes – Searched for some scientific information or data on COVID-19 that was useful for me personally'

OR

topic_covid = 'Yes, fully'

OR

topic_covid = 'Yes, but only partially'

☐ proceed to Infos_what_act]

[Next page]

Intro: The following questions deal with the actions you performed while <u>informing yourself on the latest COVID-19 related research</u>, either in the context of doing academic research or in the context of informing yourself for your personal life.

[Next page]

What kind of information on COVID-19 have you searched for in the <u>past 4 weeks</u> - if any?

[Single answer]

	Yes	No
full research journal articles [Infos_what_act_1]		
pre-print articles or working papers [Infos_what_act_2]		
academic presentations or lectures (online or offline) [Infos_what_act_3]		
research tools such as datasets or code [Infos_what_act_4]		
online scholarly discussions [Infos_what_act_5]		
non-academic content (such as official governmental statements, news media articles, or reports by citizen scientists such as skilled community members) [Infos_what_act_6]		

[Next page]

[The following question intro and items (Infos_what_pas_1 to Infos_what_pas_6) were displayed to respondents who…
- **Did not actively study COVID-19 but indicated in the item 'Routing_noncovid' that they had come across some COVID-19 information that was useful**
- **Actively study COVID-19**

IF

routing_noncovid = 'Yes – Unexpectedly came across some COVID-19 information that was useful for me personally (e.g. through a general newsletter or social media check or an unprompted message from a colleague)'

OR

topic_covid = 'Yes, fully'

OR

topic_covid = 'Yes, but only partially'

 proceed to Infos_what_pas]

Intro: The following questions deal with the times you spontaneously received or unexpectedly came across some useful contents on COVID-19, either in the context of doing academic research or in the context of informing yourself for your personal life.

[Next page]

What kind of information on COVID-19, did you spontaneously receive or unexpectedly come across - if any? Please think about the past 4 weeks.

I received info on...

[Single answer]

	Yes	No
full research journal articles [Infos_what_pas_1]		
pre-print articles or working papers [Infos_what_pas_2]		
academic presentations or lectures (online or offline) [Infos_what_pas_3]		
research tools such as datasets or code [Infos_what_pas_4]		

online scholarly discussions [Infos_what_pas_5]		
non-academic content (such as official governmental statements, news media articles, or reports by citizen scientists such as skilled community members) [Infos_what_pas_6]		

[Next page]

[The following question intro and items (Infos_feed_1 to Infos_feed_2) were displayed to respondents who…
- **Did not actively study COVID-19 but indicated in the item 'Routing_noncovid' that they had searched for some scientific information or data on COVID-19 or unexpectedly received some information.**
- **Actively study COVID-19**

IF

       routing_noncovid = 'Yes – Searched for some scientific information or data on COVID-19 that was useful for me personally'

       OR
       routing_noncovid = 'Yes – Unexpectedly came across some COVID-19 information that was useful for me personally (e.g. through a general newsletter or social media check or an unprompted message from a colleague)'

       OR

       topic_covid = 'Yes, fully'

       OR

       topic_covid = 'Yes, but only partially'

⮕ proceed to Infos_feed]

Have you added your feeds or updated your automatic alerts in order to be better informed about COVID-19 research? Please check all that applies for the <u>last 4 weeks</u>.

[Single answer]

	Yes	No	Don't know
installed or signed up for journal article alerts (e.g. JournalWatch) [Infos_feed_1]			
following new people, groups or hashtags on social media [Infos_feed_2]			

[Next page]

[The following question items (Channels_1 to Channels_7 and Estimator_1) were displayed to respondents who…
- **Indicated at least in one the items Infos_what_act_1 to Infos_what_act_6 that they had searched for some type of scientific information or data on COVID-19**

IF
   Infos_what_act = 'Yes' is selected

☐ proceed to Channels & Estimator_1]

Estimation question: Now think of the times that you were <u>actively searching</u> for useful contents about COVID-19, such as full research papers or research tools such as data or code - or anything else.

Could you estimate how many times you used the following channels when you searched for COVID-19 information? Please think about the <u>last 4 weeks.</u>

Please choose between:
1 = Never or almost never
2 = Sometimes
3 = About half of the times
4 = Often
5 = Always or almost always

[Sliders]

Scholarly databases (e.g. Pubmed, Google Scholar) or events (e.g. conferences or webinars) [Channels_1]	1	2	3	4	5
Popular national or international news outlets [Channels_2]					
Asking colleagues [Channels_3]					
Online forum [Channels_4]					
Google (not Scholar) or other (non-academic) search machine [Channels_5]					
Wikipedia [Channels_6]					
Other [Channels_7]					

[Next page]

[Wave 2] How would you rate the reliability of your previous estimations (i.e. how sure are you about them)? [Estimator_1]

[Single answer]

	Not at all reliable
	Weakly reliable
	Modestly reliable
	Very reliable

	Extremely reliable

[The following question items (Infos_where_pas_1 to Infos_where_pas_8 and Estimator_2) were displayed to respondents who…
- **Indicated at least in one the items Infos_what_pas_1 to Infos_what_pas_6 that they had searched for some type of scientific information or data on COVID-19;**
- **Or who had indicated in the Routing_noncovid item that they had unexpectedly came across some COVID-19 information that was useful.**

IF

Infos_what_pas = 'Yes' is selected

OR

routing_noncovid = 'Yes – Unexpectedly came across some COVID-19 information that was useful for me personally (e.g. through a general newsletter or social media check or an unprompted message from a colleague)'

☐ proceed to Infos_where_pas & Estimator_2]

Estimation question: Now think of the times that you <u>spontaneously received or unexpectedly came across</u> some useful contents on COVID-19, such as full research papers or research tools such as data or code - or anything else. Please think about the <u>last 4 weeks</u>.

Could you estimate how many times you the following channels where involved when you received useful contents on COVID-19?

Please choose between:

1 = Never or almost never

2 = Sometimes

3 = About half of the times

4 = Often

5 = Always or almost always

[Sliders]

	1	2	3	4	5
Scholarly events (e.g. conferences or webinars) [Infos_where_pas_1]					
Popular national or international news outlets [Infos_where_pas_2]					
Colleagues who spontaneously mention something [Infos_where_pas_3]					
Online forum [Infos_where_pas_4]					
Social media [Infos_where_pas_5]					
Wikipedia [Infos_where_pas_6]					
Periodical newsletters summarizing research (e.g. JournalWatch) [Infos_where_pas_7]					
Other [Infos_where_pas_8]					

[Next page]

[Wave 2] How would you rate the reliability of your previous estimations (i.e. how sure are you about them)? [Estimator_2]

UNIVERSITY OF AMSTERDAM
Faculty of Humanities

[Single answer]

	Not at all reliable
	Weakly reliable
	Modestly reliable
	Very reliable
	Extremely reliable

[Next page]

[The following question item (Dewey_1) was displayed to respondents who…
- **Indicated in the Routing_noncovid item that they had searched for some scientific information or data on COVID-19.**

IF

   routing_noncovid = 'Yes - Searched for some scientific information or data on COVID-19 that was useful for me personally'

☐ proceed to Dewey_1]

Please think of when you were informing yourself on COVID-19 during the last 4 weeks. What best describes your situation?

I wanted to find information that would help me...
[Single answer]

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
learn how to rank information I find related to COVID-19 in terms of **relevance** or **reliability** [Dewey_1]					

19

keep up with **new results** [Dewey_2]					

[Next page]

[The following question item (Infos_Dewey_covid) was displayed to respondents who…
- **Actively study COVID-19; and**
- **Indicated in at least one of the Infos_what_act_1 to Infos_what_act_6 items that they had searched for some scientific information or data on COVID-19.**

IF

> **topic_covid = 'Yes, fully'**
>
> **OR**
>
> **topic_covid = 'Yes, but only partially'**

AND
> **Infos_what_act = "Yes" is selected**

☐ proceed to Infos_Dewey_covid]

Thinking about your activities over <u>the last 4 weeks</u> when you were working on COVID-19. What best describes you situation?

I wanted to find information that would help me...

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree
learn how to rank information I find related to COVID-19 in terms of **relevance** or **reliability** [Dewey_covid_1]					
keep up with **new results** [Dewey_covid_2]					

[Next page]

[The following question item (Infos_changes1a_1 to Infos_changes1a_3) were displayed to respondents who…
- **Indicated in the Routing_noncovid item that they had searched for some scientific information or data on COVID-19;**
- **Or who indicated at least at one of the Infos_what_act_1 to Infos_what_act_6 items that they had searched some type of information on COVID-19.**

IF

Infos_what_act = 'Yes' is selected

OR

routing_noncovid = 'Yes – Searched for some scientific information or data on COVID-19 that was useful for me personally'

⮕ proceed to Infos_changes1a]

As the pandemic unfolds, what changes have you noticed in your search of scientific information on COVID-19? Please think of changes, if any, that occurred the last 4 weeks.

More than usual, I have been...

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly disagree	Not applicable
skipping the websites or platforms I normally consult the most [Infos_changes1a_1]						
deviating from my normally taken chronological steps of search [Infos_changes1a_2]						
discovering new places to find information [Infos_changes1a_3]						

[Next page]

[The following question item (Infos_changes2a_1 to Infos_changes2a_3) were displayed to respondents who…
- **Indicated in the Routing_noncovid item that they had searched for some scientific information or data on COVID-19;**
- **Or who indicated at least at one of the Routing_noncovid item that they had unexpectedly came across a type of COVID-19 information that was useful;**
- **Or who indicated at least at one of the Infos_what_act_1 to Infos_what_act_6 items that they had searched some type of information on COVID-19.**

IF

   Infos_what_act = 'Yes' is selected

   OR

   Infos_what_pas = 'Yes' is selected

   routing_noncovid = 'Yes – Searched for some scientific information or data on COVID-19 that was useful for me personally'

   OR

   routing_noncovid = 'Yes – Unexpectedly came across some COVID-19 information that was useful for me personally (e.g. through a general newsletter or social media check or an unprompted message from a colleague)'

☐ proceed to Infos_changes2 & Estimator_3]

Estimation question: **Thinking about the work that you have encountered on COVID-19 for the last 4 weeks. Can you tell us more on the characteristics of the work you have seen?**
What percentage of work you encountered was …
[Sliders]

	0	10	20	30	40	50	60	70	80	90	100
work-in-progress [Infos_changes2a_1]											

free for anybody to **read** (open-access) or **develop** (open-source) [Infos_changes2a_2]												
produced outside of academia (e.g. governmental policymakers, journalists, or citizen scientists such as skilled community members) [Infos_changes2a_3]												

[Next page]

[Wave 2] How would you rate the reliability of your previous estimations (i.e. how sure are you about them)? [Estimator_3]

[Single answer]

	Not at all reliable
	Weakly reliable
	Modestly reliable
	Very reliable
	Extremely reliable

[Next page]

[The intro below (Intro_1) was displayed to respondents that had indicated in the item 'Topic_covid' that they are actively researching COVID-19-related topics.

IF

   topic_covid = 'Yes, fully'

   OR

   topic_covid = 'Yes, but only partially'

□ **display Intro_1]**

Intro_1: The past 4 weeks you may have communicated about your own COVID-19 research or that of other researchers. The following questions deal with your <u>communications towards others</u> about this.

[The intro below (Intro_2) was displayed to respondents that had indicated in the item 'Topic_covid' that they are <u>not</u> researching COVID-19-related topics, <u>but</u> who did have shared or referred to some scientific information on COVID-19.

IF

        topic_covid = 'No'

        AND

        routing_noncovid = 'Yes – Shared or referred to some scientific information or data on COVID-19'

  ☐ **display Intro_2]**

Intro_2: The past 4 weeks you may have communicated about your own COVID-19 research or that of other researchers. The following questions deal with your <u>communications towards others</u> about this.

[Next page]

[The following items (Infoc_what1_scie_1 to Infoc_what1_scie_6) were displayed to respondents that:
- **Studied COVID-19;**
- **Or who did not study COVID-19, but had shared or referred to some scientific information on COVID-19.**

IF

        topic_covid = 'Yes, fully'

        OR

        topic_covid = 'Yes, but only partially'

        OR

        routing_noncovid = 'Yes – Shared or referred to some scientific information or data on COVID-19'

 proceed to Infoc_what1_scie]

Have you, in the <u>past 4 weeks</u>, shared* any of the following resources on COVID-19 with others in the scientific community?

*With 'shared' we also mean recommending or referring to a piece of information without sending the full item.

[Single answer]

	Yes	No
a full research journal article [Infos_what_scie_1]		
a pre-print article or working paper [Infos_what_scie_2]		
an academic presentation or lecture (online or offline) [Infos_what_scie_3]		
some research tools such as datasets or code [Infos_what_scie_4]		
an online scholarly discussion [Infos_what_scie_5]		
non-academic content (such as official governmental statements, news media articles, or reports by citizen scientists such as skilled community members) [Infos_what_scie_6]		

[Next page]

[The following items (Infoc_what1_media_1 to Infoc_what1_media_6) were displayed to respondents that:

- **Studied COVID-19;**

Or who did not study COVID-19, but had shared or referred to some scientific information on COVID-19.

IF

topic_covid = 'Yes, fully'

OR

topic_covid = 'Yes, but only partially'

OR

routing_noncovid = 'Yes – Shared or referred to some scientific information or data on COVID-19'

□ **proceed to Infoc_what1_media]**

And have you recommended or sent any of the following resources to <u>journalists working for popular national or international news outlets,</u> or to <u>social media visitors</u>?

[Single answer]

	Yes	No
a full research journal article [Infos_what_media_1]		
a pre-print article or working paper [Infos_what_media_2]		
an academic presentation or lecture (online or offline) [Infos_what_media_3]		
some research tools such as datasets or code [Infos_what_media_4]		
an online scholarly discussion [Infos_what_media_5]		

non-academic content (such as official governmental statements, news media articles, or reports by citizen scientists such as skilled community members) [Infos_what_media_6]		

[Next page]

[The following items (Infoc_where_1 to Infoc_where_7) were displayed to respondents that:

- **Had shared or referred to some scientific information on COVID-19 to others in the scientific community at least in one form (answering 'yes' to one of the items Infos_what_scie_1 to Infos_what_scie_6);**

- **Or had shared or referred to some scientific information on COVID-19 to journalists at least in one form (answering 'yes' to one of the items Infos_what_media_1 to Infos_what_media_6)**

IF

Infoc_what1_scie = 'Yes' is selected

OR

Infoc_what1_media = 'Yes' is selected

☐ **proceed to Infoc_where & Estimator_4]**

Estimation question: Now think of the times that you shared or referred to important work on COVID-19, such as full research papers or research tools such as data or code - or anything else.

To what extent did you communicate about the work through the following channels? Please think about the last 4 weeks.

Please choose between:
1 = Never or almost never
2 = Sometimes
3 = About half of the times
4 = Often
5 = Always or almost always

[Sliders]

	1	2	3	4	5
Scholarly databases (e.g. Pubmed, Google Scholar) or events (e.g. conferences or webinars) [Infoc_where_1]					
Popular national or international news outlets [Infoc_where_2]					
Asking colleagues [Infoc_where_3]					
Online forum [Infoc_where_4]					
Google (not Scholar) or other (non-academic) search machine [Infoc_where_5]					
Wikipedia [Infoc_where_6]					
Other [Infoc_where_7]					

[Next page]

[Wave 2] How would you rate the reliability of your previous estimations (i.e. how sure are you about them)? [Estimator_4]

[Single answer]

	Not at all reliable
	Weakly reliable
	Modestly reliable

	Very reliable
	Extremely reliable

[Next page]

Many more individuals and researchers are eager to learn about COVID-19 related publications. If you were to choose between different ways to keep up to date or share the latest COVID-19 research, how <u>important</u> is it for you that a channel provides...

	Very important	Important	Moderately important	Slightly important	Unimportant
insights from initiatives **outside of academia** (e.g. by governmental researchers, journalists, or citizen scientists such as skilled community members)? [Infos_important_1]					
free access for all to **read, use** (open-acess) or **develop** (open-source) the articles, datasets or applications? [Infos_important_2]					

[Next page]

[The following items (Infoc_Dewey1_1 and Infoc_Dewey1_2) were displayed to respondents who…

- **Had shared or referred to some scientific information on COVID-19 to others in the scientific community at least in one form (answering 'yes' to one of the items Infos_what_scie_1 to Infos_what_scie_6);**

- **Or had shared or referred to some scientific information on COVID-19 to journalists at least in one form (answering 'yes' to one of the items Infos_what_media_1 to Infos_what_media_6)**

IF

Infoc_what1_scie = 'Yes' is selected

OR

Infoc_what1_media = 'Yes' is selected

□ proceed to Infoc_Dewey1]

Thinking about your activities over the <u>last 4 weeks</u>, *when you were communicating to others about the latest COVID-19 related research, what best describes the things you shared?*

The research that I have been communicating...

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly agree
helps to better evaluate COVID-19 research literature in terms of **relevance** or **reliability** [Infoc_Dewey1_1]					
informs about **new results** [Infoc_Dewey1_2]					

[Next page]

[Same selection filter as for previous two items (Infoc_Dewey1_1 and Infoc_Dewey1_2).

Please indicate to what extent the following were among your <u>motivation(s)</u> to share or publish items about the latest COVID-19 research.

	Strongly agree	Somewhat agree	Neutral	Somewhat disagree	Strongly agree
getting feedback or answers from the scientific community [Infoc_Dewey2_1]					
finding collaborations [Infoc_Dewey2_2]					
communicating new results or insights [Infoc_Dewey2_3]					

[Next page]

 proceed to Infoc_Dewey3 & Estimator_5]

What percentage of work you shared or referred to, was …
[Sliders]

	0	10	20	30	40	50	60	70	80	90	100
work-in-progress [Infoc_Dewey3_1]											
free for anybody to **read** (open-access) or **develop** (open-source) [Infoc_Dewey3_2]											
produced outside of academia (e.g. governmental policymakers, journalists, or citizen scientists such as private data scientists) [Infoc_Dewey3_3]											

[Next page]

[Wave 2] How would you rate the reliability of your previous estimations (i.e. how sure are you about them)? [Estimator_5]

[Single answer]

	Not at all reliable
	Weakly reliable
	Modestly reliable
	Very reliable
	Extremely reliable

[Next page]

PUBLIC ROLE SCIENTISTS

[Wave 2] Have you, in the last 4 weeks, encountered any confusion or misinterpretations on COVID-19 - be it in your family, on social media, in the news or anywhere else? [misinfo]

[Single answer]

	Yes
	No
	Don't know

[Next page]

[If respondents answer 'Yes' in the Wave 2 item 'misinfo', they see the following items (Misinfo_1 to Misinfo_6).

IF misinfo = 'yes'

→ proceed to 'Misinfo']

What, if anything, have you done in the last 4 weeks as a response to some confusion or misinterpretations you encountered on COVID-19 - be it in your family, on social media, in the news or anywhere else?

[Single answer]

	Yes	No
commented in international or national news outlets [Misinfo_1]		
reached out to nationally elected officials or their offices [Misinfo_2]		
reached out to public health organizations or officials [Misinfo_3]		

reached out to friends, family or neighbours [Misinfo_4]		
commented in online fora or discussions groups [Misinfo_5]		
posted any news or information about COVID-19 on social media [Misinfo_6]		

[Next page]

In your opinion, how <u>influential</u> have scientific experts been in the following arenas in the last 4 weeks, when it comes to COVID-19?
[Sliders]

	0	10	20	30	40	50	60	70	80	90	100
popular national or international news outlets [perc_influence_1]											
social media (e.g. Twitter) [perc_influence_2]											
national policymaking [perc_influence_3]											

[Next page]

And how large should their influence <u>ideally</u> be at this moment, in your opinion?
[Sliders]

	0	10	20	30	40	50	60	70	80	90	100

popular national or international news outlets [des_influence_1]												
social media (e.g. Twitter) [des_influence_2]												
national policymaking [des_influence_3]												

[Next page]

SOCIO-DEMOGRAPHICS

Intro: Finally, we would like to ask you about some personal characteristics.

What is your gender? [Gender]

[Single answer]

Male
Female
Non-binary
Other _____ [Gender_other]
Prefer not to answer

[Next page]

What is your age? [Age]

[Drop down menu]

Under 25
25-29
30-34
35-39
40-44
45-49
50-54
55-59
60-64
65-70
70 or older
Prefer not to say

[Next page]

Reminder: _None of your information will be shared with your institution or anyone else outside of the research team._

UNIVERSITY OF AMSTERDAM
Faculty of Humanities

NWO

Please select the name of your institution below: [Institution]

[Drop down menu]

University of Amsterdam
Vrije Universiteit Amsterdam
Leiden University
Utrecht University
Radboud University
Erasmus University
Wageningen University
Groningen University
Maastricht University
Delft University
Eindhoven University

Tilburg University
Twente University
Universiteit voor Humanistiek
KNAW
Other public research
Other private research
Other

[Next page]

[Respondents that were retired faculty members (still active) were directed towards the 'Care' item, skipping the Job_sec and Contract_sec items.

IF

        cr_stage =! 'retired faculty still engaged in research'

□ proceed to Job_sec]

Is your salary funded through research grants? Please think about your <u>present</u> situation.
[Job_sec]

[Single choice]

	No
	In part, less than 50%

	In part, more than 50%, but not fully
	Fully
	Not applicable

[Respondents that were retired faculty members (still active) were directed towards the 'Care' item, skipping the Job_sec and Contract_sec items.

IF

        cr_stage **=! 'retired faculty or principal investigator still engaged in research'**

 proceed to Contract_sec]

Please indicate: My contract is... [Contract_sec]

[Single choice]

	Fixed-term
	Permanent
	Not applicable

Estimation question: **In the <u>last four weeks</u>, how many hours of care responsibilities did you have, if any, on a dialy basis?** [Care]

[Drop-down menu]

None

1-3 hours
4-6 hours
7 or more hours
Prefer not to answer

[Next page]

Thank you. Please share any other comments, thoughts, or concerns you may have (optional).
[End_comments]

_____

END OF SURVEY

We thank you for your time spent taking this survey.
Your response has been recorded.