

# Research Protocol: Behavioural insights for COVID-19 in Ethiopia

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## Introduction

Coronavirus disease 2019 (COVID-19) is an infectious illness caused by a newly discovered corona virus now called severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2; formerly called 2019-nCoV) which was first identified in China. It is totally new and no vaccine or known effective treatment. Therefore, there is high uncertainty regarding probability of getting the disease, its potential severity and chances of controlling it by known preventive measures (Cennimo, 2020; WHO, 2020).

At times of pandemics like the COVID-19, understanding the risk perception of the population, preventive behaviours and finding out the sources of information the public trusts is vital to enable effective communication and respond efficiently (Reintjes R, Das E, Klemm C, Richardus JH, Keßler V, 2016). However, in Ethiopia, little is known about the complex interplay of changing epidemiology, public trust to pandemic communication source, risk perception and public preventive behaviour. Thus, how people perceive the risk is not necessarily related to the actual risk rather influences protective behaviours or leads to reduced likeliness to implement the recommended protective behaviours (Pligt, 1996; Rubin, G. J., Amlot, R., Page, L., & Wessely, 2009). So, we need to deliver evidence-based information, respond to rumours, survey misinformation and encourage rational protective behaviour.

Behavioural insights studies aims at monitoring above discussed issues during the current COVID-19 pandemic and to feed them into the communication and decision making process during the crisis. Moreover, it is important to understand the dynamics of risk perceptions, intention to implement recommended behaviours, misinformation and protective behaviours, understand which of the protective measures are known and which information is lacking. Based on this information it is possible to react to misinformation or suddenly increasing risk perceptions and panics.

## Flexibility and adaptation

As the COVID-19 pandemic evolves and the epidemiological and response situation rapidly changes, this study might be continuously updated so that the questions asked reflect the situation and provide the necessary information to shape effective and appropriate outbreak response measures.

## **Aim of the study**

The overall aim is to inform COVID-19 outbreak response measures including interventions and communications.

## **Objectives**

To assess knowledge, risk perception, public trust and preventive practice towards COVID19

## **Research Questions**

Overall, research questions relate to

- The levels of and changes in risk perceptions, knowledge, used and trusted sources of information, confidence in crisis management, uptake of protective behaviours, at each data collection point.
- How changes in risk perceptions relate to characteristics of the outbreak and other psychological variables such as knowledge, affect and misinformation.
- Whether risk perceptions are positively related to preparedness and protective behaviours and which other factors are relevant correlates of preparedness and protective behaviours (e.g. knowledge, misinformation, trust).
- Knowledge and misinformation about preparedness and preventive measures and whether the level of knowledge is related to certain sources of information.

Note that the cross-sectional design will not allow the assessment will only be snapshots of a current state of the public perceptions. Therefore, there is need to conduct qualitative study so the data can be triangulated.

## **Study methods**

- 15 to 20 minutes online or telephone questionnaire in a serial cross-sectional design with multiple data collections. It is proposed to collect data repeatedly (e.g. every two weeks) for optimal monitoring.

## **Variables**

A standard questionnaire developed by the WHO will be adapted.

Overview of variables (measured variables, details: see questionnaire)

- Demographics (Age, Gender, district size, education)
- Knowledge about the novel coronavirus and COVID-19 (\*)
- Individual feeling of preparedness and perceived self-efficacy (\*) to avoid an infection with the coronavirus
- Perceived and actual knowledge about effective preventive measures to avoid infection with the coronavirus (\*)
- Uptake of preventive measures to avoid infection with COVID-19 (\*)
- Risk perceptions regarding the disease (probability, susceptibility, severity) (\*)
- Affective measures (feeling of closeness, novelty, threat, fear, and worry regarding the disease) (\*)

- Trust and frequency of use of regarding different information channels (\*)
- Frequency of information search on COVID-19
- Trust in health authorities, government institutions, media and other relevant stakeholders (\*)
- Perceptions and acceptance of policies to control the outbreak (\*)
- Rumours regarding COVID-19 (qualitative data, open text fields)

### **Data collection and analysis**

Participants can be recruited via an external study sample provider (Ethio-telecom) or voluntary as for the online.

An automated data analysis website (password protected) has been established by WHO allowing any country fast access to the results. Commented code for data analysis and website are available so it will be used.

### **Ethical consideration**

Also, participants should provide informed consent before starting the questionnaire. The Google form has text on this so it is included in the questionnaire. The research contains negligible risks as there is no more foreseeable risk of harm or discomfort other than potential inconvenience during participation. The study also involves only non-identifiable data about human beings. So Ethical approval will be obtained from Hawassa University IRB

### **Sample**

According to WHO recommendation, to obtain a high level of congruence between the distribution of the demographics in the sample and the population (regarding age, gender and living area), a sample size of  $n = 1000$  per wave is recommended.

Each data collection with  $n = 1000$  participants is suggested as a quota sample, matching the general population in the country in terms of age, gender and state/district.

### **Limitations of the study**

Using online panels limits the participation of certain important population groups, including the elderly (a risk group for COVID-19) and disadvantaged population groups such as homeless people and other vulnerable groups. Phone interviews as a supplement or instead of online panels will be used to mitigate this. However, with the current rapid and dramatic developments, the slow process of phone interviews (i.e. week-long processes) might not provide the immediate feedback needed at any point in time.

### **Publication of the study protocol**

It is suggested that each user of the tool adds its study protocol/questionnaire to the PsychArchives repository as referenced documents. This way they are connected to the WHO standard protocol and over time an overview is provided on country studies.

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## Behavioural insights for COVID-19 in Ethiopia

<p>Page 1</p> <p>Introduction</p>		<p>Dear Participant,</p> <p>Thank you for taking part in this study.</p> <p>This study is conducted by motivated academic staffs in Ethiopia. The study about the novel coronavirus (COVID-19) will take about 15 minutes, and we will ask health-related questions. The study is conducted to <b>improve actions taken</b> in response to the novel coronavirus pandemic.</p> <p>Your answers will be used exclusively for scientific purposes and to help improve novel coronavirus outbreak response in Ethiopia. Please do not start until you will have enough time to complete it in one go. Please close other programmes (e.g. chat or e-mail) to avoid distractions.</p> <p>This is a non-commercial study financed by none.</p> <p>Further information:</p> <ol style="list-style-type: none"> <li>1. Your participation in the study is voluntary and can be terminated at any time and without giving reasons.</li> <li>2. Your participation in the research does not expose you to any significant risk.</li> </ol> <p><u>Why we collect and use your data</u></p> <p>The survey is about COVID-19. The anonymized data may be used for research and teaching in the future.</p> <p><u>How you can contact us</u></p> <p>Responsible:</p> <p>Netsanet Abera (netsaneta@hu.edu.et)</p> <p>[*] I agree to participate in this study and understand that all my answers will only be used for scientific purposes.</p> <p>I agree to the processing of my personal data in accordance with the information provided here.</p> <p>I am aware that the data will be published in anonymous form to promote transparency in science.</p>
<p>Page 2</p> <p>Variable: socio-demography</p>	<p>Variable: AGE Values: Number 1 to 99</p>	<p><b>How old are you?</b> I am ____ years old.</p> <p><b>What is your gender?</b></p>

<p>[Screen out: &lt;18 and &gt; 74 years old]</p>	<p>Variable: GENDER Values: 1 (=male); 2 (=female)</p> <p>Variable: EDUCATION Values: 1 (=up to 9 years); 2 (=10 years w/o university qualification); 3 (=10 years w/ university qualification)</p> <p>Variable: HEALTH Values: 1 (=yes); 2 (=no)</p> <p>Variable: CHRONIC Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: INHABITANTS Values: 1 (option 1, e.g. &lt;=5000); 2 (option 2, e.g. =5001 to 20000); 3 (option 3, e.g. =20001 to 100000); 4 (option 4, e.g. =100001 to 500000); 5 (option 5, e.g. = &gt;500000)</p>	<p>[*] Male</p> <p>[*] Female</p> <p><b>Please give details of your school education</b></p> <p>[*] Primary</p> <p>[*] Secondary</p> <p>[*] Above secondary</p> <p><b>Are you a nurse, medical doctor or pharmacist?</b></p> <p>[*] Yes</p> <p>[*] No</p> <p><b>Do you have a chronic illness?</b></p> <p>[*] Yes</p> <p>[*] No</p> <p>[*] Don't know</p> <p>Where do you live?</p> <p>Urban area</p> <p>Rural area</p> <p><b>How many inhabitants does the woreda in which you live have?</b></p> <p>[*] ≤ 5,000 inhabitants</p> <p>[*] 5,001 - 20,000 inhabitants</p> <p>[*] 20,001 - 100,000 inhabitants</p>
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	<p>Variable: STATE  Values: Country specific; please numerate in alphabetical order, starting with 1</p>	<p>[*] 100,001 - 500,000 inhabitants  [*] &gt; 500,000 inhabitants</p> <p><b>In which district do you live?</b>  _____</p> <p>Do you have children or children living with you who are under 18 years of age?  [*] Yes  [*] No</p>
<p>Page 3  Instruction</p>	<p>Variable: AWARENESS  Values:  1 (=yes);  2 (=no);  99 (=don't know)</p>	<p>The following questions concern the novel coronavirus.</p> <p>Important: Please answer without checking the internet or other sources first.</p> <p>Please select the answer of your choice.</p> <p><b>Are you aware of the novel coronavirus outbreak?</b>  [*] Yes  [*] No  [*] Don't know</p>
<p>Page 4A –  Filter: no awareness of outbreak</p>		<p>There is an outbreak of respiratory disease caused by the novel coronavirus. This virus was first discovered in Wuhan, Hubei province in China and since then spread across the world. There are thousands of confirmed cases and many deaths related to the novel coronavirus, including in Ethiopia</p> <p>Please click CONTINUE to proceed</p>



<p>Page 8</p> <p>Variable: Knowledge 1 B</p> <p>[Random order of symptom items]</p> <p>[Random order</p>	<p>Variable: SYMP_FEVER Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_COUGH Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_SHORTNESS_BREATH Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_SORE_THROAT Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_RUNNY_NOSE Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_MUSCLE_PAIN Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_HEADACHE Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_TIREDNESS Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: SYMP_DIARRHEA Values: 1 (=related); 2 (=not related); 99 (=don't know)</p> <p>Variable: TREATMENT Values: 1 (=drug available);</p>	<p><b>Which of the following can be symptoms of the novel coronavirus?</b></p> <p>Please evaluate all symptoms listed below.</p> <p><b>Fever</b></p> <p>[*] Related to the newly emerged coronavirus</p> <p>[*] Not related to the newly emerged coronavirus</p> <p>[*] Don't know</p> <p><b>Cough</b> [Answer scheme: see "Fever"]</p> <p><b>Shortness of breath</b> [Answer scheme: see "Fever"]</p> <p><b>Sore throat</b> [Answer scheme: see "Fever"]</p> <p><b>Runny or stuffy nose</b> [Answer scheme: see "Fever"]</p> <p><b>Muscle or body aches</b> [Answer scheme: see "Fever"]</p> <p><b>Headaches</b> [Answer scheme: see "Fever"]</p> <p><b>Fatigue (tiredness)</b> [Answer scheme: see "Fever"]</p> <p><b>Diarrhea</b> [Answer scheme: see "Fever"]</p> <p><b>Which answer is correct?</b></p> <p>[*] There is a drug to treat the novel coronavirus.</p> <p>[*] There is a vaccine for the novel coronavirus.</p> <p>[*] There is both a drug for the treatment and a vaccine for the novel coronavirus.</p> <p>[*] There is currently no drug treatment or vaccine for the novel coronavirus.</p> <p>[*] Don't know</p> <p><b>Which of the following is correct about transmission of novel coronavirus?</b></p> <p>[*] The novel coronavirus is transmissible from person to person.</p>
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<p>of the first two answer options]</p>	<p>2 (=vaccine available); 3 (=both drug and vaccine available); 4 (=no drug nor vaccine available); 99 (=don't know)</p>	<p>[*] The novel coronavirus is transmitted by animals to humans only.</p> <p>[*] The novel coronavirus is not transmissible.</p> <p>[*] Don't know</p> <p style="text-align: center;">Please click CONTINUE to proceed</p>
<p>Page 9</p> <p>Variable: Knowledge 2</p> <p>[Random order of answer options before "don't know" option]</p>	<p>Variable: TRANSMISSION_DROP Values: 0 (=not checked); 1 (=checked)</p> <p>Variable: TRANSMISSION_SMEAR Values: 0 (=not checked); 1 (=checked)</p> <p>[Adapted Variables here] Values: 0 (=not checked); 1 (=checked)</p> <p>Variable: TRANSMISSION_DONTKNOW Values: 0 (=not checked); 1 (=checked)</p> <p>Variable: INCUBATION Values: 1 (=3 days); 2 (=7 days); 3 (=14 days); 99 (=don't know)</p>	<p><b>The novel coronavirus is transmissible from person to person.</b></p> <p><b>Which of the following is correct about the transmission of the novel coronavirus?</b></p> <p>Please select all transmission modes that apply.</p> <p>[*] The novel coronavirus is transmissible via droplets through coughing, sneezing or intimate contact.</p> <p>[*] The novel coronavirus is transmissible via the fecal-oral route.</p> <p>[*] 5G network has relation with COVID19</p> <p>[*] Don't know</p> <p><b>What is the incubation period (i.e., the time from viral infection to developing symptoms of illness) of the novel coronavirus?</b></p> <p>[*] Up to 3 days</p> <p>[*] Up to 7 days</p> <p>[*] Up to 14 days</p> <p>[*] Don't know</p>

	<p>Variable: IMMUNITY  Values:  1 (=immunity);  2 (=no immunity);  99 (=don't know)</p>	<p><b>Which of the following statements about the cause of the novel coronavirus is correct?</b></p> <p>[*] After a person has recovered from the disease, he/she is immune to the novel coronavirus.</p> <p>[*] After a person has recovered from the disease, he/she is not necessarily immune to the novel coronavirus.</p> <p>[*] Don't know</p> <p style="text-align: right;">Please click CONTINUE to proceed</p>
<p>Page 10</p> <p>Variable:  Probability and  Severity</p>	<p>Variable: PROB  Values: Numbers 1 (=extreme unlikely) to 7 (=extreme likely)</p> <p>Variable: SEVERITY  Values: Numbers 1 (=not severe) to 7 (=very severe)</p> <p>Variable: SUSCEP_OWN  Values: Numbers 1 (=not susceptible) to 7 (=very susceptible)</p>	<p><b>What is your probability of getting infected with the novel coronavirus?</b></p> <p>Extremely unlikely [*] [*] [*] [*] [*] [*] [*] Extremely likely</p> <p><b>How severe would contracting the novel coronavirus be for you?</b></p> <p>Not severe [*] [*] [*] [*] [*] [*] [*] Very severe</p> <p><b>How susceptible do you consider yourself to an infection with the novel coronavirus?</b></p> <p>Not at all susceptible [*] [*] [*] [*] [*] [*] [*] Very susceptible</p> <p style="text-align: right;">Please click CONTINUE to proceed</p>
<p>Page 11</p> <p>Variable:  Preparedness  and Perceived  self-efficacy</p>	<p>Variable: PREPAREDNESS  Values: Numbers 1 (=very unsure) to 7 (=very sure)</p> <p>Variable: EFFICACY  Values: Numbers 1 (=extremely difficult) to 7 (=extremely easy)</p>	<p><b>Next, we would like to know about you own practices related to the novel coronavirus.</b></p> <p><b>I know how to protect myself from coronavirus</b></p> <p>Not at all [*] [*] [*] [*] [*] [*] [*] Very much so</p> <p><b>For me avoiding an infection with the novel coronavirus in the current situation is...</b></p> <p>Extremely difficult [*] [*] [*] [*] [*] [*] [*] Extremely easy</p> <p style="text-align: right;">Please click CONTINUE to proceed</p>

<p>Page 12</p> <p>Variable: Preparedness - possible measures</p> <p>[Random order of items; except “Another preventive measure”]</p>	<p>Variable: FOLLOWINGRECOMMENDATIONS Values: Numbers 1 (=not at all) to 7 (=very much)</p> <p>Variable: EP_HANDWASH Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_TOUCHING Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_SANITIZER Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_HOME Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_TRAVEL Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_NATURAL Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p> <p>Variable: EP_SUPPLEMENTS Values: 1 (=yes); 2 (=no); 99 (=don’t know)</p>	<p><b>I follow the recommendations from authorities in my country to prevent spread of novel coronavirus.</b></p> <p>Not at all [*] [*] [*] [*] [*] [*] [*] Very much so</p> <p><b>Which of the following are effective measures to prevent the spread and infection of the novel coronavirus?</b></p> <p>Please evaluate all preventive measures listed below.</p> <p><b>Hand washing for 20 seconds</b></p> <p>[*] Yes</p> <p>[*] No</p> <p>[*] Don’t know</p> <p><b>Avoiding touching your eyes, nose, and mouth with unwashed hands</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Use of disinfectants to clean hands when soap and water is not available for washing hands</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Staying home when you are sick or when you have a cold</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Not travelling abroad</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Herbal supplements</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Taking food supplements</b></p> <p>[Answer scheme: see “Hand washing”]</p> <p><b>Covering your mouth when you cough</b></p> <p>[Answer scheme: see “Hand washing”]</p>
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	<p>(=don't know)</p> <p>Variable: EP_COVERING Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_EATING Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_CLOSE_CONTACT Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_ALGAE Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_POSTAL Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_MEAT Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_FLUVACCINE Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_EXERCISE Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_MASK Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_CROWD Values: 1 (=yes); 2 (=no); 99</p>	<p><b>Ensuring a balanced diet</b> [Answer scheme: see "Hand washing"]</p> <p><b>Avoiding close contact with someone who is infected</b> [Answer scheme: see "Hand washing"]</p> <p><b>Using algae</b> [Answer scheme: see "Hand washing"]</p> <p><b>Using caution when opening mail</b> [Answer scheme: see "Hand washing"]</p> <p><b>Avoiding eating meat</b> [Answer scheme: see "Hand washing"]</p> <p><b>Getting the flu shot</b> [Answer scheme: see "Hand washing"]</p> <p><b>exercising regularly</b> [Answer scheme: see "Hand washing"]</p> <p><b>Wearing a face mask</b> [Answer scheme: see "Hand washing"]</p> <p><b>Avoiding places where many people gather</b> [Answer scheme: see "Hand washing"]</p> <p><b>Using antibiotics</b> [Answer scheme: see "Hand washing"]</p> <p><b>Drinking ginger tea</b> [Answer scheme: see "Hand washing"]</p> <p><b>Using homeopathic remedies</b></p>
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	<p>(=don't know)</p> <p>Variable: EP_ABX Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_GINGER Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variable: EP_HOMEO Values: 1 (=yes); 2 (=no); 99 (=don't know)</p> <p>Variables: EP_OTHER1, EP_OTHER2 Values: Text</p>	<p>[Answer scheme: see "Hand washing"]</p> <p><b>Social distancing</b> [Answer scheme: see "Hand washing"]</p> <p><b>Self-quarantine</b> [Answer scheme: see "Hand washing"]</p> <p><b>Another preventive measure, please specify...</b></p> <p>[*] Yes</p> <p>[*] No</p> <p>[*] Don't know</p> <p style="text-align: right;">Please click CONTINUE to proceed</p>
<p>Page 13</p> <p>Variable: Preparedness - taken measures</p> <p>[Random order of items; except "Another preventive measure"]</p>	<p>Variables: as above, but starting with "USE_" (e.g. USE_HANDWASH, USE_TOUCHING, USE_GINGER)</p> <p>Values: 1 (=yes); 2 (=no); 99 (=Does not apply)</p>	<p><b>Which of the following measures have you taken to prevent infection from the novel coronavirus?</b></p> <p>Please indicate for all measures below whether you have already taken them.</p> <p>Hand washing for 20 seconds</p> <p>[*] Yes</p> <p>[*] No</p> <p>[*] Does not apply</p> <p>Avoiding touching your eyes, nose, and mouth with unwashed hands</p> <p>Use of disinfectants to clean hands when soap and water was not available for washing hands</p> <p>Staying home when you were sick or when you had a cold</p> <p>Not travelling abroad</p> <p>Herbal supplements</p> <p>Taking food supplements</p>

		<p>Covering your mouth when you cough</p> <p>Ensuring a balanced diet</p> <p>Avoiding close contact with someone who is infected</p> <p>Using algae</p> <p>Using caution when opening mail</p> <p>Avoiding eating meat</p> <p>Getting the flu shot</p> <p>exercising regularly</p> <p>Wearing a face mask</p> <p>Avoiding places where many people gather</p> <p>Using antibiotics</p> <p>Drinking ginger tea</p> <p>Using homeopathic remedies</p> <p>Social distancing</p> <p>Self-quarantine</p> <p>Another preventive measure, please specify...</p> <p>[*] Yes</p> <p>[*] No</p> <p>[*] Does not apply</p> <p>Please click CONTINUE to proceed</p>
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<p>Page 14</p> <p>Variable: Preparedness – barriers and drivers</p>	<p>Variable: HANDWASH Values: Numbers 1 (=very easy) to 7 (=very difficult)</p>	<p><b>Washing my hands often with water and soap for 20 seconds each time is</b></p> <p>Very inconvenient [*] [*] [*] [*] [*] [*] [*] Very easy to do</p>
<p>Page 16</p> <p>Variable: Affect</p> <p>[Random order of items]</p>	<p>Variable: AFF_DISTANCE Values: Numbers 1 (=near) to 7 (=far)</p> <p>Variable: AFF_NOVELTY Values: 1 (=new) to 7 (=old)</p> <p>Variable: AFF_SPREAD Values: 1 (=slow) to 7 (=fast)</p> <p>Variable: AFF_THINK Values: Numbers 1 (=all the time) to 7 (=never)</p> <p>Variable: AFF_FEAR Values: Numbers 1 (=fear-inducing) to 7 (=not fear-inducing)</p> <p>Variable: AFF_HYPE Values: Numbers 1 (=hyped) to 7 (=not hyped)</p> <p>Variable: AFF_WORRY Values: Numbers 1 (=worrying) to 7 (=not worrying)</p> <p>[New Variable. Suggested order: 1 (=helpless) to 7 (=able)]</p>	<p><b>Please choose one option per row.</b></p> <p><b>The novel coronavirus to me feels ...</b></p> <p>close to me [*] [*] [*] [*] [*] [*] [*] far away from me</p> <p>New [*] [*] [*] [*] [*] [*] [*] Old</p> <p>Spreading slowly [*] [*] [*] [*] [*] [*] [*] Spreading fast</p> <p>Something I think about all the time [*] [*] [*] [*] [*] [*] [*] Something I almost never think about</p> <p>Fear-inducing [*] [*] [*] [*] [*] [*] [*] Not fear-inducing</p> <p>Media hyped [*] [*] [*] [*] [*] [*] [*] Not media hyped</p> <p>Worrying [*] [*] [*] [*] [*] [*] [*] Not worrying</p> <p>Something that makes me feel helpless [*] [*] [*] [*] [*] [*] [*] Something I am able to combat with my own action</p>

		<p style="text-align: center;">Stressful [*] [*] [*] [*] [*] [*] [*] Not stressful</p> <p style="text-align: center;">Please click CONTINUE to proceed</p>
<p>Page 17</p> <p>Variable: Trust in sources of information</p>		<p><b>Which source of information do you trust the in their reporting about the novel coronavirus?</b></p> <p>_____</p>
<p>Page 18</p> <p>Variable: Use of sources of information</p> <p>[Random order of items; except other]</p> <p>[employer, health insurance, and other are no compulsory items]</p>	<p>Variables: as above, but starting with USE_ (e.g. USE_MAGAZINE, USE_SEARCH)</p> <p>Values: Numbers 1 (=never) to 7 (=very often)</p>	<p><b>The type of information I need the most, relates to...</b></p> <p>Symptoms of novel coronavirus</p> <p>Personal stories from others about how they cope</p> <p>Scientific progress in development of a vaccine against novel coronavirus</p> <p>Scientific progress in development of treatment for novel coronavirus</p> <p>How I can personally prevent spread of the disease</p> <p>How I can take care of a person who is in the risk group</p> <p>How I can best take care of my children’s school education</p> <p>Details on travel restrictions</p> <p>[*] Yes</p> <p>[*] No</p>
<p>Page 20</p> <p>Variable: Trust in institutions</p>	<p>Variable: TRUST_FEDERAL_HEALTH</p> <p>Value: Numbers 1 (=not applicable) then 3 (=very little confidence) to 9 (=very much confidence)</p>	<p><b>How much confidence do you have in the government’s that they can handle the novel coronavirus well?</b></p> <p>Very low confidence [*] [*] [*] [*] [*] [*] [*] Very high confidence</p>

<p>Page 24</p> <p>Variable: Rumors</p>	<p>Variable: RUMOR1 Value: Text</p> <p>Variable: RUMOR2 Value: Text</p>	<p>What are common misconceptions in your areas about COVID19? _____</p> <p>Anything you would like to tell us about COVID19 _____</p>
<p>Page 26</p> <p>Debriefing</p>		<p>Thank you very much!</p> <p>Your participation provides valuable insights for all of us to react appropriately in the current novel coronavirus situation and to reach all citizens with useful information in a timely manner.</p>