Survey Instrument for SEGS COVID-19 Serious Game (Part I)

Start of Block: Mechanical Turk

Q1 Please enter your UserID assigned on the Mechanical Turk worksheet (NOTE: This is NOT your Amazon Mechanical Turk Worker ID!)

End of Block: Mechanical Turk

Start of Block: Consent Form

Q90 Title of Study: COVID-19 Outbreak Behavior Experimental Simulation Game and Survey: Accounting for the Heterogeneity of Human Behavior to Prevent Infection Spread Due to Pro-Environmental Attitudes and Behaviors Principal Investigators (PI): Christopher Koliba and Scott C. Merrill Funder: Gund Institute for Environment, University of Vermont Introduction You are being invited to take part in this research study about how people make decisions. You must be 18 years of age or older to participate. This study is being conducted by Scott Merrill, a Research Assistant Professor in the Plant and Soil Science Department at the University of Vermont PurposeWe plan to study how and why people comply with social distancing and other public health measures during an active pandemic. Study ProceduresIf you take part in the study, you will be asked to take part in an experimental economics and behavioral theory study that will be run as a simulated game and/or survey. Your will be asked to respond to a series of questions or scenarios that will be framed around different conditions associated with COVID-19, including different risk information. Surveys and Games will be run on computers. Computer games will simulate participation in everyday activities like going to the grocery store or park. Your participation in the survey and/or experimental game is expected to last approximately ½ hour. **Benefits**There are no substantial benefits to you from the research. By learning more about people's decision-making, we hope that the research will benefit society by increasing our understanding how individual behavior will impact health, economic status and management policy. **Risks** The risk for participating in this study is minimal. The information being collected will be coded to protect your identity and the potential risk for an accidental breach of confidentiality. You have no greater risk from the study than you would from doing a similar amount of routine paperwork in a similar setting. CostsThere will be no costs to you for participation in this research study, other than your time.

CompensationCompensation is directed by Amazon Mechanical Turks **Confidentiality**All information collected about you during the course of this study will be stored without any identifiers. No one will be able to match you to your answers. All research information will be kept in a confidential form at the University of Vermont. The results of this study may eventually be published, but your confidentiality will be maintained. All participants are asked to keep their responses to all parts of the experiment confidential. **Voluntary**

Participation/WithdrawalTaking part in this study is voluntary. You may discontinue your participation in this study at any time. You may choose not to take part in this study, or if you decide to take part, you can change your mind at any time during the game or before submitting the post-game survey and your data will be discarded.

QuestionsYou may contact Dr. Scott Merrill or Dr. Chris Koliba, the Investigators in charge of this study, at 802-656-0711 or scmerril@uvm.edu for more information about this study. If you have questions or concerns about your rights as a research participant, then you may contact the Director of the Research Protections Office at (802) 656-5040. It is recommended you print this information sheet for your records before continuing.

Q91 Do you consent to participate in this study?

O Yes (1)

End of Block: Consent Form

Start of Block: Family Composition

Q95 How many people in the following age groups currently live in your household (household defined as those currently living within your household, including family and non-family members)?

Please choose the appropriate response for each item:

	0 (1)	1 (2)	2 (3)	3 (4)	4 (5)	5 (6)	6 (7)	7+ (8)
Adults over 65: (1)	0	0	0	0	0	0	0	0
Adults 18-65: (2)	\circ	0	0	0	\circ	\circ	\circ	0
Children 5-17: (3)	\circ							
Children under 5: (4)	\circ							

End of Block: Family Composition

Start of Block: COVID Specific QuestionsCurrent social distancing practices (e.g., frequency of

Q59 In this section, we will ask about your current social distancing practices (e.g., frequency of contact, size of social contact circle, mask-usage). In this section and throughout the survey, we are interested in your honest answers. Your responses will be confidential and protected.

Display This Question:

If parent = 0

Q3 In the last seven days, other than for essential shopping and work, how many people outside of your household have you seen socially, in person, for more than 5 minutes?
O None (1)
O 1 (2)
O 2-3 (3)
O 4-6 (4)
O 7-10 (5)
O 10+ (6)
Display This Question:
If parent = 1
Q92 In the last seven days, other than for essential shopping, work, and childcare, how many people outside of your household have you seen socially, in person, for more than 5 minutes?
O None (1)
\bigcirc 4 (0)
O 1 (2)
O 1 (2) O 2-3 (3)
O 2-3 (3)
2-3 (3)4-6 (4)
2-3 (3)4-6 (4)7-10 (5)

in person social interactions for more than 5 minutes with people outside of your household?
O Never (1)
Once (2)
2-3 times (3)
O Daily (4)
O Multiple Times per Day (5)
Display This Question: If parent = 1
II parent – T
Q94 In the last seven days, other than for essential shopping, work, and childcare, how often have you had in person social interactions for more than 5 minutes with people outside of your household?
O Never (1)
Once (2)
O 2-3 times (3)
Opaily (4)
○ Multiple Times per Day (5)
Display This Question:
If In the last seven days, other than for essential shopping and work, how many people outside of yo != None
And In the last seven days, other than for essential shopping, work, and childcare, how many people o != None

Q83 In the past seven days, when you've had in person social interactions with people outside of your household, how often did those interactions include the following COVID-19 precautions:

	Never (1)	Sometimes (2)	About half the time (3)	Most of the time (4)	Always (5)
Mask wearing (1)	0	0	0	0	0
Distancing at least six feet (2)	0	0	\circ	\circ	0
Staying outdoors (3)	\circ	\circ	0	0	\circ
Page Break —					

Q5 In the last seven days, have you done the following:
Yes (1)

	Yes (1)	No (2)	Unsure (3)
Gone out to a bar, club, or other place where people gather (1)	0	0	0
Gone to a restaurant for indoor dining (2)	\circ	\circ	\circ
Gone to a restaurant for outdoor dining (3)	0	\circ	\circ
Gone to a restaurant for takeout (4)	\circ	\circ	\circ
Gone to the grocery store or pharmacy (5)	0	\circ	0
Gone to a friend, neighbor, or relative's residence (that is not your own) (6)	0	\circ	
Had visitors such as friends, neighbors or relatives at your residence (7)	0	\circ	0
Attended a gathering with more than 10 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (8)		0	
Attended a gathering with more than 50 people, such as a reunion, wedding, funeral, birthday party, concert, or religious service (9)	0	0	
Sought care from a hospital or health care facility (10)	0	\circ	\circ
Been placed in isolation or		\circ	\bigcirc

quarantine (11)			
Remained in your residence at all times, except for essential activities or exercise (12)	0		0
Had close contact (within 6 feet) with people who live with you (13)	0	\circ	0
Had close contact (within 6 feet) with people who do not live with you (14)	0	\circ	0
Gone outside to walk, hike, or exercise (15)	0	0	0
Gone to an indoor gym, yoga, or fitness class (16)	0	\circ	\circ
Gone to an outdoor gym, yoga, or fitness class (17)	0	0	0
Joined with or maintained a pod with another household for exclusive non- distanced socializing (18)			0
parent = 1 Used daycare, summer camp, school, or preschool for childcare (19)			
parent = 1 Hired a babysitter or nanny for childcare in your home (20)	0	0	0
parent = 1 Received in-person childcare help from a family member or	0	0	0

Q6 Which of the following have you done in the last seven days to keep yourself safe from coronavirus? Only consider actions that you took or decisions that you made personally.

	Yes (1)	No (2)
Washed your hands with soap or used hand sanitizer several times per day (1)	0	0
Canceled or postponed air travel for work (2)	\circ	\circ
Canceled or postponed air travel for pleasure (3)	\circ	\circ
Canceled or postponed work or school activities (4)	\circ	\circ
Canceled or postponed personal or social activities (5)	\circ	
Visited a doctor (6)	0	\circ
Canceled a doctor's appointment (7)	0	\circ
Stockpiled food or water (8)	\circ	\circ
Avoided contact with people who could be high-risk (9)	\circ	\circ
Avoided public spaces, gatherings, or crowds (10)	\circ	\circ
Prayed (11)	\circ	\circ
Avoided eating at restaurants (12)	\circ	\circ
Stockpiled hand sanitizer or disinfectant wipes (13)	\circ	\circ
Worked or studied at home (14)	\circ	\circ
Worn a mask or other face covering (15)	\circ	

Stockpiled medication (16)	0	
Held social activities outdoors instead of indoors (17)	0	
parent = 1		
Voluntarily kept your children out of childcare, school, or camps (18)	0	
Q7 Do you think the average U. than your household with regard	_	ore than, about the same as, or less easures described above?
O More than (1)		
O Same as (2)		
O Less than (3)		
Q8 In your community, for every people were wearing masks?	/ 100 people you see in p	oublic, indoor spaces, about how many
	0 10	20 30 40 50 60 70 80 90 100
The number of people were	wearing masks out of 100 ()	

more) social gatherings?
O Rare (1)
O Less frequent than they were pre-COVID (2)
O About as frequent as they were pre-COVID (3)
O More frequent than they were pre-COVID (4)
Q10 How much do you agree or disagree with the following statement: Practicing social distancing and other precautions is a moral obligation to protect those around me from COVID-19. O Strongly agree (1)
Agree (2)Neither agree nor disagree (3)
O Disagree (4)
○ Strongly disagree (5)

Q11 Out of the past five days when you worked, how many of those days did you work from home?
O 0 (1)
O 1 (2)
O 2 (3)
O 3 (4)
O 4 (5)
O 5 (6)
O Not applicable (7)
End of Block: COVID Specific QuestionsCurrent social distancing practices (e.g., frequency of
Start of Block: Outdoor Use Questions
Q60 In this section, we are going to ask a bit about your access to and use of outdoor spaces like parks, forests, and trails.

Q12 About how far is the closest from your home?							
	within a 10 minute walk (less than a half mile) (1)	within a 5 minute drive (less than 5 miles) (2)	within a 15 minute drive (between 5 and 15 miles) (3)	within a 1 hour drive (between 15 and 60 miles) (4)	more than 1 hour away (more than 60 miles) (5)	l don't know (6)	
Playground (1)	0	\circ	\circ	\circ	\circ	0	
Park of any kind (2)	0	\circ	\circ	\circ	\circ	\circ	
Park that has unpaved areas and/or greenspace (3)	0	0	0	0	0	0	
Private land with greenspace that you have permission to access (4)	0	0	0	0	0	0	
Hiking trail (5)	0	\circ	\circ	\circ	\circ	\circ	
Public swimming area, not including public pools or splash parks (6)	0	0	0	0	0	0	
Public pool or splash park (7)	0	\circ	0	\circ	0	\circ	
Fishing area (8)	0	\circ	\circ	\circ	\circ	\circ	

Q13 Do you hav	e a backyard?			
O Yes (1)				
O No (2)				
Q14 Do you hav	e a porch, balcor	ny, or patio?		
O Yes (1)				
O No (2)				

Q15 Before the pandemic, about how often would you visit the following types of parks and outdoor spaces?

	daily (1)	2-3 times per week (2)	weekly (3)	monthly (4)	2-3 times per year (5)	yearly (6)	almost never (7)
Playground (1)	0	\circ	0	\circ	\circ	\circ	0
Park of any kind (2)	0	\circ	\circ	\circ	\circ	\circ	\circ
Park that has unpaved areas and/or greenspace (3)	0	0	0	0	0	0	0
Backyard (4)	0	\circ	\circ	\circ	\circ	\circ	\circ
Balcony, Porch, or Patio (5)	0	\circ	\circ	\circ	0	0	0
Private land with greenspace (6)	0	\circ	0	0	\circ	0	0
Hiking trail (7)	0	0	\circ	\circ	\circ	\circ	\circ
Public swimming area, not including public pools or splash parks (8)	0	0	0	0	0	0	0
Public pool or splash park (9)	0	0	\circ	0	0	0	\circ
Fishing area (10)	0	\circ	0	\circ	0	\circ	\circ

Q16 In the last month, have you visited the following types of parks and outdoor spaces? Yes (1) No (2) Playground (1) Park of any kind (2) Park that has unpaved areas and/or greenspace (3) Private land with greenspace (4) Hiking trail (5) Public swimming area, not including public pools or splash parks (6) Public pool or splash park (7) Fishing area (8)

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Q50 People use parks and outdoor spaces for many different reasons, we are interested in
learning more about the reasons you use outdoor spaces both before the pandemic and in
recent times.

Q32 Before the pandemic, how important were parks and outdoor spaces to you personally for

·	Extremely important (1)	Very important (2)	Somewhat important (3)	Not very important (4)	Not at all important (5)	N/A (did not use) (6)
Physical exercise (1)	0	0	0	0	0	0
Social interaction (2)	0	0	\circ	\circ	\circ	\circ
Recreation (3)	0	\circ	\circ	\circ	\circ	\circ
Relaxation (4)	0	\circ	\circ	\circ	\circ	\circ
Stress or anxiety relief (5)	0	0	\circ	\circ	\circ	\circ
Management of depression (6)	0	0	0	0	0	0
Management of anxiety disorder (7)	0	\circ	\circ	0	\circ	\circ
Spiritual practice (8)	0	\circ	\circ	\circ	\circ	\circ
Feeling connected with nature (9)	0	0	0	0	0	0
Happiness (10)	0	\circ	\circ	\circ	\circ	\circ
Educational purposes (informal or formal) (11)	0	0	0	0	0	0
Children's playtime (12)	0	\circ	\circ	\circ	\circ	0

Q34 In the past month, how important have parks and outdoor spaces been to you personally for _____?

<u> </u>	Extremely important (1)	Very important (2)	Somewhat important (3)	Not very important (4)	Not at all important (5)	N/A (did not use) (6)
Physical exercise (1)	0	0	0	\circ	\circ	0
Social interaction (2)	0	0	\circ	\circ	\circ	0
Recreation (3)	\circ	\circ	\circ	\circ	\circ	\circ
Relaxation (4)	0	\circ	\circ	\circ	\circ	\circ
Stress or anxiety relief (5)	0	\circ	\circ	\circ	\circ	\circ
Management of depression (6)	0	0	0	0	0	0
Management of anxiety disorder (7)	0	\circ	\circ	\circ	\circ	\circ
Spiritual practice (8)	\circ	\circ	\circ	\circ	\circ	\circ
Feeling connected with nature (9)	0	0	0	0	0	0
Happiness (10)	\circ	\circ	\circ	\circ	\circ	\circ
Educational purposes (informal or formal) (11)	0	0	0	0	0	0
Children's playtime (12)	0	\circ	\circ	\circ	0	0

End of Block: Outdoor Use Questions

Start of Block: Risk perceptions of COVID-19 (including perceived risk of infection in parks)

Q62 In this section, we are interested in your opinions about the risks of being exposed to and contracting COVID-19.

70

Q36 How safe or unsafe are the following actions for avoiding exposure to coronavirus?

	Extremely Safe (1)	Somewhat Safe (2)	Somewhat Unsafe (3)	Extremely Unsafe (4)	Unsure (5)
Grocery Shopping (1)	0	0	0	0	0
Attending gatherings of more than 10 people (2)	0	\circ	0	\circ	\circ
Attending gatherings of more than 50 people (3)	\circ	\circ	\circ	\circ	\circ
Going to the hospital (4)	0	0	\circ	0	0
Dining indoors at restaurants not practicing social distancing (5)	0	0	0	0	0
Dining indoors at restaurants practicing social distancing (e.g., tables are six feet apart) (6)		0	0	0	0
Dining outdoors at restaurants not practicing social distancing (7)	0	0	0	0	0
Dining outdoors at restuarants practicing social distancing (e.g., tables are six feet					

apart) (8)					
Eating take- out meals from restaurants (9)	0	0	0	0	0
Visiting with relatives or friends in their home (10)	0	0	0	0	0
Handling packages that have been delivered (11)	0	0	0	0	0
Playing on playground equipment (12)	0	0	0	0	0
Touching door knobs, countertops, and other surfaces in your home (13)	0	0	0	0	0
Interacting closely with other members of your household (14)	0	0	0	0	0
Going to an indoor gym, yoga, or fitness class (15)	0	0	0	0	0
Going outside to walk, hike, or exercise (16)	0	0	\circ	0	0

Going to a local greenspace (e.g., city/town park, town green, nature park) (17)	0	0	0	0	0
Going to a local beach, lake, or river (18)	0	\circ	\circ	\circ	0
Going camping (19)	0	\circ	\circ	\circ	\circ
Traveling to camp or hike in a state or national park (20)	0	0	0	0	0
Running, walking or biking near other people (21)	0	0	0	0	0
parent = 1 Having a babysitter or nanny come to your house to care for your children (22)	0	0	0	0	0
parent = 1 Sending your kids to school, daycare, or summer camp (23)	0	0		0	0

describes your experience)											
○ Yes, I tested positive (1)											
O Probably, I was told by a doctor that I likely had COVID-19 but did not test positive. (2)											
O Probably, I had what I believe were COVID-19 caused symptoms but did not test positive (whether or not you took a test). (3)											
O Probably not, I had COVID-19 like sympt	oms	s but	test	ed ne	egati	ve.	(4)				
O No, not to my knowledge (5)											
Other (6)											
Q37 On a scale of 0 to 100 percent, what is the chance that you will get the coronavirus in the next three months? If you're not sure, please give your best guess. 0 10 20 30 40 50 60 70 80 90 100											
% ()						J					
Q38 If you do get the coronavirus, what is the pesure, please give your best guess.	erce 0			-							not 100
% ()										_	
X											

Q80 Have you contracted COVID-19 during this pandemic? (choose the answer that best

Q39 Do you agree or disagree with the following statements? The childhood vaccines, such as those for measles and chickenpox:

	Strongly disagree (1)	Disagree (2)	Agree (3)	Strongly agree (4)					
Have many known harmful side effects (1)	0	0	0	0					
Provide important benefits to society (2)	0	\circ	0 0		0 0		0 0		
May lead to illness and death (3)	0	\circ	0	0					
Are useful and effective (4)	0	0	\circ	0					
Q40 How likely are public?	e you to get vaccinat	ed for coronavirus o	nce a vaccination	is available to the					
O Very unlike	ely (1)								
O Somewhat	unlikely (2)								
O Somewhat	likely (3)								
O Very likely	O Very likely (4)								
O Unsure (5))								

become seriously ill from COVID-19 (coronavirus disease)?
O Very worried (1)
○ Somewhat worried (2)
O Not too worried (3)
O Not worried at all (4)
*
Q42 Without looking it up, how many people would you estimate have contracted COVID-19 in your state over the past week?
* Q79 Without looking it up, how many people would you estimate have died from COVID-19 in your state over the past week?
End of Block: Risk perceptions of COVID-19 (including perceived risk of infection in parks)
Start of Block: Perceived efficacy of recommended COVID-19 risk mitigation actions
Q63 In this section, we are interested in your opinions on the effectiveness of different COVID- 19 precautions.
×

Q41 How do you feel about the possibility that you or someone in your immediate family might

Q42 How **effective** are the following actions for keeping you and those around you safe from coronavirus?

	Extremely Ineffective (1)	Somewhat Ineffective (2)	Somewhat Effective (3)	Extremely Effective (4)	Unsure (5)
Wearing a face mask or other face covering (1)	0	0	0	0	0
Praying (2)	0	\circ	\circ	\circ	\circ
Washing your hands with soap or using hand sanitizer frequently (3)	0	0	0	0	0
Seeing a doctor if you feel sick (4)	0	0	0	0	0
Seeing a doctor if you feel healthy but worry that you were exposed (5)	0	0	0	0	0
Avoiding public spaces, gatherings, and crowds (6)	0	0	0	0	0
Avoiding contact with people who could be high-risk (7)	0	0	0	0	0
Avoiding hospitals and clinics (8)	0	0	0	\circ	0
Avoiding restaurants (9)	0	0	0	0	0

Avoiding airplanes (10)	0	0	\circ	\circ	\circ
Avoiding public parks (11)	0	0	0	0	0
Avoiding gathering indoor social gatherings (12)	0	0	0	0	0
Avoiding outdoor social gatherings (13)	0	0	0	0	0
Keeping schools and classes remote (14)	0	0	0	0	0
Staying at least 6 feet away from others at all times (15)	0	0	0	0	0
End of Block:	Perceived efficac	y of recommer	nded COVID-19	risk mitigation a	nctions
Start of Block	: Personal and Co	mmunity impa	ct of COVID-19		
Q64 In this sec	tion, we are interes	ted in the impa	ct of COVID-19 c	on you and your o	community.

Q43 Do you k all that apply.	now anyone with a suspected or confirmed case of COVID-19? If so, who? Check
	Yes, family (1)
	Yes, friend(s) (2)
	Yes, myself (3)
	Yes, other (4)
	No, I don't know anyone (5)
	uestion: now anyone with a suspected or confirmed case of COVID-19? If so, who? Check all that on't know anyone
-	now anyone who has been in hospital based intensive care (ICU) or died from so, who? Check all that apply.
	Yes, family (1)
	Yes, friend(s) (2)
	Yes, myself (3)
	Yes, other (4)
	No, I don't know anyone (5)
Display This Q	uestion:
If Do you k	row anyone with a suspected or confirmed case of COVID 102 If so who? Check all that

app... = No, I don't know anyone

Q48 Do you ł apply.	know anyone who has had a positive test for COVID-19? If so, who? Check all that
	Yes, family (1)
	Yes, friend(s) (2)
	Yes, myself (3)
	Yes, other (4)
	No, I don't know anyone (5)
End of Block	x: Personal and Community impact of COVID-19
Start of Bloc	k: Risk factors (current health conditions)
	n, we are interested in the risk factors that might affect your likelihood of having a s or serious financial consequences from contracting COVID-19.
Q49 Do you d	currently have health insurance?
O Yes	(1)
○ No (2	2)
O Unsur	re (3)
O l'd pre	efer not to say (4)

Q51 If you get sick, how many days can you stay home from your job and still get paid?
O 0 (1)
O 1-7 (2)
O 8-14 (3)
O More than 14 (4)
O Unsure (5)
Q52 According to the CDC, people with the following pre-existing conditions may be at a higher risk of contracting COVID-19: chronic lung disease, moderate to severe asthma, serious heart conditions, compromised immune system, severe obesity (BMI > 40), diabetes, chronic kidney disease undergoing dialysis, liver disease. Do you or other members of your household have any of these pre-existing conditions that may increase your risks of severe illness or death if you contract COVID-19?
○ Yes (1)
O No (2)
O Unsure (3)
O I'd prefer not to say (4)
End of Block: Risk factors (current health conditions)
Start of Block: Current financial security (food security, job status) and mental health
Q66 In this section, we are interested in learning about your stress and anxiety levels.

Q54 Have you or anyone in your household experienced a loss of income or job since the COVID-19 outbreak (March 11th)? Check all that apply.

		Happened at all since COVID 19 outbreak (March 11th) (1		ening today (2)
Yes, lost job	o (1)		(
Yes, reduced hours at job (2)			(
Yes, furloughed (3)				
No, have not changes in jo	•		(
Q55 Over the past problems?	fourteen day	s, how often have you been bo	othered by any o	f the following
	fourteen day Not at all	(1) Several days (2)	othered by any of flore than half the days (3)	f the following Nearly every day (4)
		(1) Several days (2)	Nore than half	Nearly every day
problems? Feeling nervous, anxious, or on		(1) Several days (2)	Nore than half	Nearly every day
Feeling nervous, anxious, or on edge (1) Not being able to stop or control		(1) Several days (2)	Nore than half	Nearly every day
Feeling nervous, anxious, or on edge (1) Not being able to stop or control worrying (2) Feeling down, depressed, or		(1) Several days (2)	Nore than half	Nearly every day

Q56 Over the past fourteen days, how often have you been bothered by any of the following problems?

That you were unable to control the important things in your life? (1) Confident about your ability to handle personal problems? (2) That things were going your way? (3) Difficulties were piling up so high that you could not overcome them? (4)		Never (1)	Almost Never (2)	Sometimes (3)	Fairly Often (4)	Very Often (5)
about your ability to handle personal problems? (2) That things were going your way? (3) Difficulties were piling up so high that you could not overcome them? (4)	were unable to control the important things in your	0	0	0	0	0
were going your way? (3) Difficulties were piling up so high that you could not overcome them? (4)	about your ability to handle personal problems?	0	0	0	0	0
were piling up so high that you could not overcome them? (4)	were going your way?	0	0	0	0	0
	were piling up so high that you could not overcome	0	0		0	0
End of Block: Current financial security (food security, job status) and mental health	End of Block: (Current financ	ial security (food	l security, job s	tatus) and men	tal health

Q68 Listed below are statements about the relationship between humans and the environment. For each one, please indicate whether you strongly agree, agree, neither agree nor disagree, disagree, or strongly disagree.

	strongly agree (1)	agree (2)	neither agree nor disagree (3)	disagree (4)	strongly disagree (5)
We are approaching the limit of the number of people the earth can support (1)	0	0	0	0	0
Humans have the right to modify the natural environment to suit their needs (2)	0	0	0	0	0
When humans interfere with nature it often produces disastrous consequences (3)	0	0	0	0	0
Human ingenuity will ensure that we do NOT make the earth unlivable (4)	0	0	0	0	0
Humans are severely abusing the environment (5)	0	0	0	0	0
The earth has plenty of natural resources if we just learn how to develop them	0	0	0		0

(6)					
Plants and animals have as much right as humans to exist (7)	0	0	0	0	0
The balance of nature is strong enough to cope with the impacts of modern industrial nations (8)	0	0	0	0	0
Despite our special abilities humans are still subject to the laws of nature (9)	0	0	0	0	0
The so-called "ecological crisis" facing humankind has been greatly exaggerated (10)	0	0	0	0	0
The earth is like a spaceship with very limited room and resources (11)	0	0	0	0	0
Humans were meant to rule over the rest of nature (12)	0	0	0	0	0
The balance of nature is very delicate and easily upset (13)	0	0	0	0	0

Humans will eventually learn enough about how nature works to be able to control it (14)	0	0	0	0	0
If things continue on their present course, we will soon experience a major ecological catastrophe (15)	0				0
Start of Block:	Measure of Pro-E Measure of gene	ral altruistic/pr	o-social tenden		around you.

Q71 Check the category on the right that conforms to the frequency with which you have carried out the following acts.

	Never (1)	Once (2)	More than once (3)	Often (4)	Very often (5)	Not Applicable (6)
1. I have helped push a stranger's car out of the snow. (1)	0	0	0	0	0	0
2. I have given directions to a stranger. (2)	0	0	0	0	0	0
3. I have made change for a stranger. (3)	0	0	0	0	0	0
4. I have given money to a charity. (4)	0	0	0	0	0	0
5. I have given money to a stranger who needed it (or asked me for it). (5)	0	0	0	0	0	0
6. I have donated goods or clothes to a charity. (6)	0	0	0	0	0	0
7. I have done volunteer work for a charity. (7)	0	0	0	0	0	0
8. I have donated blood. (8)	0	0	0	0	0	0
I have helped carry a stranger's	0	0	0	0	\circ	\circ

belongings (books, parcels, etc.). (9)						
10. I have delayed an elevator and held the door open for a stranger. (10)	0	0	0	0	0	0
11. I have allowed someone to go ahead of me in a lineup (at photocopy machine, in the supermarket).	0	0	0		0	0
12. I have given a stranger a lift in my car for free. (12)	0	0	0	0	0	0
13. I have pointed out a clerk's error (in a bank, at the supermarket) in undercharging me for an item. (13)	0	0	0	0	0	0
14. I have let a neighbour whom I didn't know too well borrow an item of some value to me (e.g., a dish, tools, etc.) (14)	0	0	0	0	0	0

0	0				0
0	0				
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0

(19)						
20. I have helped an acquaintance to move households. (20)	0				0	0
End of Block: I	Measure of ge	neral altruist	ic/pro-social	tendencies		
Start of Block:	Trust in scien	ice				
Q73 In this sect affect public hea		erested in you	r opinions abo	out scientists a	ınd other lead	ers who

Q74 How much confidence, if any, do you have in each of the following to act in the best interests of the public?

	A great deal (1)	A fair amount (2)	Not too much (3)	No confidence at all (4)
Elected officials (1)	0	0	0	0
The news media (2)	0	0	0	0
The military (3)	0	\circ	\circ	\circ
Medical scientists (4)	0	\circ	\circ	\circ
Scientists (5)	0	\circ	\circ	\circ
Religious leaders (6)	0	\circ	\circ	\circ
Public school principals for grades K-12 (7)	0	\circ	\circ	0
Business leaders (8)	0	\circ	\circ	\circ
Doctors and nurses (9)	0	\circ	\circ	\circ
X				
Q75 Which of thes	e statements come	s closer to your own	view, even if neithe	r is exactly right?
O Scientists s	should take an activ	e role in public polic	y debates about sci	entific issues (1)
O Scientists s debates (2)	should focus on esta	ablishing sound scie	ntific facts and stay	out of public policy
✓				

Q77 Which of these statements comes closer to your own view, even if neither is exactly right?
O Public opinion should play an important role to guide policy decisions about scientific issues (1)
O Public opinion should NOT play an important role to guide policy decisions about scientific issues because these issues are too complex for the average person to understand (2)
X;
Q78 In general, would you say scientific experts are
O Usually BETTER at making good policy decisions about scientific issues than other people (1)
O Usually WORSE at making good policy decisions about scientific issues than other people (2)
O NEITHER BETTER NOR WORSE at making good policy decisions about scientific issues than other people (3)
End of Block: Trust in science
Start of Block: Risk preferences

Q81 Risk preferences

In this section, you will have another chance to earn additional money.

You will be presented with two different lotteries. Lottery A and Lottery B will have different payoffs with different odds. To have a chance to earn additional money, you will choose between lottery A and lottery B.

You will make 10 different choices between lotteries.

One of these choices will be randomly drawn. For that lottery choice, one of the payoffs will be randomly drawn according to the probabilities given in the lottery. You will be paid the amount drawn in addition to your previous earnings in this survey.

This additional payment will be issued to you as a bonus from Amazon Mechanical Turk after completion of the survey.

Page Break —

Q82 Which lottery would you rather play?
O Lottery A: 1/10 chance of winning \$0.60, 9/10 chance of winning \$0.50 (1)
O Lottery B: 1/10 chance of winning \$1.15, 9/10 chance of winning \$0.03 (2)
Page Break ————————————————————————————————————

Q83 Which lottery would you rather play?	
O Lottery A: 2/10 chance of winning \$0.60, 8/10 chance of winning \$0.50 (1)	
O Lottery B: 2/10 chance of winning \$1.15, 8/10 chance of winning \$0.03 (2)	
Page Break ————————————————————————————————————	

Q84 Which lottery would you rather play?	
O Lottery A: 3/10 chance of winning \$0.60, 7/10 chance of winning \$0.50 (1)	
O Lottery B: 3/10 chance of winning \$1.15, 7/10 chance of winning \$0.03 (2)	
Page Break	

Q85 Which lottery would you rather play?	
O Lottery A: 4/10 chance of winning \$0.60, 6/10 chance of winning \$0.5	50 (1)
O Lottery B: 4/10 chance of winning \$1.15, 6/10 chance of winning \$0.0	03 (2)
Page Break	

Q86 Which lottery would you rather play?	
O Lottery A: 5/10 chance of winning \$0.60, 5/10 chance of winning \$0.50	(1)
O Lottery B: 5/10 chance of winning \$1.15, 5/10 chance of winning \$0.03	(2)
Page Break —	

Q87 Which lottery would you rather play?	
O Lottery A: 6/10 chance of winning \$0.60, 4/10 chance of winning \$0.50	(1)
O Lottery B: 6/10 chance of winning \$1.15, 4/10 chance of winning \$0.03	(2)
Page Break ————————————————————————————————————	

Q88 Which lottery would you rather play?
O Lottery A: 7/10 chance of winning \$0.60, 3/10 chance of winning \$0.50 (1)
O Lottery B: 7/10 chance of winning \$1.15, 3/10 chance of winning \$0.03 (2)
Page Break ————————————————————————————————————

Q89 Which lottery would you rather play?
O Lottery A: 8/10 chance of winning \$0.60, 2/10 chance of winning \$0.50 (1)
O Lottery B: 8/10 chance of winning \$1.15, 2/10 chance of winning \$0.03 (2)
Page Break ————————————————————————————————————

Q90 Which lottery would you rather play?	
O Lottery A: 9/10 chance of winning \$0.60, 1/10 chance of winning \$0.50	(1)
O Lottery B: 9/10 chance of winning \$1.15, 1/10 chance of winning \$0.03	(2)
Dana Danak	
Page Break ————————————————————————————————————	

Q80 How do you see yourself: are you generally a person who is fully prepared to take risks or do you try to avoid taking risks? Please tick a box on the scale, where the value 0 means: 'not at all willing to take risks' and the value 10 means: 'very willing to take risks'."

	0	1	2	3	4	5	6	7	8	9	10	
	1 (1)	2 (2)	3 (3)	4 (4)	5 (5)	6 (6)	7 (7)	8 (8)	9 (9)	10 (10)		
Not at all willing to take risks	С	С	С	С		С	0	0	C	0		Very willing to take risks

End of Block: Risk preferences

Start of Block: Demographic Questions

Q93 Demographic Questions

In this section, we are interested in some basic demographic questions for analytical purposes.

Q96 Which of the following best describes your current occupation? Please choose only one of the following:
O Agriculture, Forestry, Fishing and Hunting (1)
O Arts, Entertainment, and Recreation (2)
O Broadcasting and Media (3)
O Childcare Provider (4)
O Clerical/Administrative (5)
College, University, and Adult Education (6)
Ocomputer and Electronics Manufacturing (7)
Oconstruction (8)
O Disabled and on Disability Benefits (9)
○ Finance and Insurance (10)
O Food and Beverage Services (11)
O Government and Public Administration (12)
O Health Care and Social Assistance (13)
O Homemaker (14)
O Hotel and Hospitality Services (15)
O Information Services and Data Processing (16)
O Legal Services (17)
○ Military (18)
○ Mining (19)
Other Information Industry (20)

Other Manufacturing (21)	
O Primary/Secondary (K-12) Education (22)	
O Publishing (23)	
Real Estate, Rental, and Leasing (24)	
O Religious (25)	
O Retail (26)	
Retired (27)	
○ Scientific or Technical Services (28)	
○ Self-employed (29)	
O Software (30)	
O Student (31)	
O Telecommunications (32)	
○ Transportation and Warehousing (33)	
O Unemployed (34)	
Outilities (35)	
Other (36)	
	_
*	
Q97 What is your zip code?	

Q76 In which state (or territory) do you live?
▼ Alabama (1) I do not reside in the United States (53)
₩
AP .
Q99 In what year were you born?
Q68 Which of the following best describes your gender identity?
O Male (1)
○ Female (2)
○ Transgender (3)
O Non-binary (4)
O Prefer to self-describe (5)
Q69 Are you of Hispanic, Latino, or Spanish origin?
O No, not of Hispanic, Latino, or Spanish origin (1)
O Yes, Mexican, Mexican American, Chicano (2)
○ Yes, Puerto Rican (3)
○ Yes, Cuban (4)
○ Yes, another Hispanic, Latino, or Spanish origin (5)

Q70 What is y	our race? Check all that apply:
	American Indian or Alaskan Native (1)
	Asian Indian (2)
	Black or African American (3)
	Chamorro (4)
	Chinese (5)
	Filipino (6)
	Japanese (7)
	Korean (8)
	Native Hawaiian (9)
	Samoan (10)
	Vietnamese (11)
	White (12)
	Other race or origin (13)

Q71 What is the highest level of formal education that you have completed?
○ Some high school (no diploma) (1)
High school graduate (incl. GED) (2)
O Some college (no degree) (3)
Associates degree/technical school/apprenticeship (4)
O Bachelor's degree (5)
O Postgraduate (like Master's, PhD) / professional degree (like JD) (6)
Q72 Which of the following best describes your household income range in 2019 before taxes?
O Less than \$10,000 (1)
\$10,000 to \$14,999 (2)
\$15,000 to \$24,999 (3)
\$25,000 to \$34,999 (4)
\$35,000 to \$49,999 (5)
\$50,000 to \$74,999 (6)
\$75,000 to \$99,999 (7)
\$100,000 to \$149,999 (8)
\$150,000 to \$199,999 (9)
\$200,000 or more (10)

Q73 Which of the following political affiliations do you most identify with?
O Democrat (1)
○ Green Party (2)
O Independent (3)
C Libertarian (4)
O No affiliation (5)
O Progressive (6)
○ Republican (7)
O Democratic Socialist (8)
○ Tea Party (9)
Other (10)
Q98 If the presidential election were being held TODAY, would you vote for
O Donald Trump / Mike Pence (Republican) (1)
O Joe Biden / Kamala Harris (Democratic) (2)
O Jo Jorgensen / Spike Cohen (Libertarian) (3)
O Howie Hawkins / Angela Nicole Watkins (Green) (4)
O Undecided (5)
O Not voting (6)
End of Block: Demographic Questions