

Packet 1 (Initial Allocations)

Please read now: General Instructions

Closely related to today's lecture, you are asked to take part in an informative 22-minute study. Thank you for your participation!

Associated with this survey is a consent form. If you will, please read it and sign it now. We will collect it soon, and you will be offered a copy of it later.

Once we begin, you may also ask a question at any time. (Pilot-testing suggests that the survey is rather clear, but one never knows!)

The statistics that you will eventually be given are true and accurate. These statistics really do come from the sources that are cited; for instance, you could truly share the information with your family members tonight.

Please *don't* look at your neighbors' surveys or speak to them during this study. Also, please don't skip ahead and don't go back to an earlier page.

For items that use a 1-9 scale, please respond to them by indicating the degree appropriate—for instance, by circling a number on the 1 to 9 scales below (1 for the least/lowest and 9 for the most/highest).

Please answer honestly regarding your true thoughts and beliefs. We underlined words that might be easy to misread like “not” and “don't,” but please be sure to read each item carefully.

We have a limited time to administer this survey, so please answer the short-answer items with some brevity.

Again, your participation is sincerely appreciated—and it is for a good cause. You will receive feedback regarding what this research is for during the lecture, and you can ask anything you wish at that time.

Do you have any questions?

Thanks again!

Please indicate the degree to which you are knowledgeable about global climate change—by circling a number on the 1 (not knowledgeable at all) to 9 (extremely knowledgeable) scale below.

1	2	3	4	5	6	7	8	9
Not knowledge -able at all about Climate Change				Moderately knowledge -able about Climate Change				Extremely knowledge -able about Climate Change

Please go on to the next page. At that point, please do not return to this page.

Please respond to the following items, if you will, by indicating the degree to which you agree with each statement—by circling a number on the 1 (extremely disagree) to 9 (extremely agree) scale below.

Evolution accurately explains how plants, animals, and humans came to be as they are.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Human activities are largely responsible for the climate change (global warming) that is going on now.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

The United States is one of the very best countries on our planet (e.g., “in the top three”).

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

There exists a supernatural being/deity (e.g., God) or set of beings/deities (gods).

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

After a person dies, that person experiences an afterlife of some sort (for instance, heaven/hell, reincarnation, enlightenment, nirvana, etc.).

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Biblical creation accurately explains how plants, animals, and humans came to be as they are.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Please go on to the next page. At that point, please do not return to this page.

Global warming or climate changes, when they happen at all, are just parts of a natural cycle.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

I am certain that global warming is actually occurring.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

I am worried about global warming.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Humans are severely abusing the environment.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Evolution is unable to explain much of the physical evidence regarding the origins and development of life on Earth.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Other living things may have evolved, but humans have not.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Please note the change in wording of the following scale

Overall, how important is it to change your current lifestyle to reduce your carbon footprint (i.e., to decrease the amount of greenhouse gases you emit both directly and indirectly)?

1	2	3	4	5	6	7	8	9
Not Important		Slightly Important		Somewhat Important		Very Important		Extremely Important

I expect to personally engage in more environmentally-friendly (e.g., sustainable, recycling, and/or resource-minimizing) activities in the future, compared to what I do now.

1	2	3	4	5	6	7	8	9
Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

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As a result of the UN Millennium Summit, in the year 2000, the United Nations adopted eight goals for increasing the economic and social conditions of the world's poorest countries, called the Millennium Development Goals. These goals are to: (1) end poverty and hunger, (2) achieve universal primary education, (3) promote gender equity, (4) reduce child mortality rates, (5) improve maternal health, (6) combat HIV/AIDS and other diseases, (7) ensure environmental sustainability, and (8) develop a global partnership for development.

Imagine that you have been hired as a consultant to the United Nations. Your task is to allocate funds between projects oriented toward global climate change and projects focused on achieving other Millennium Development Goals. You will provide from two to four policy allocations in total.

For each policy, first you will be asked to estimate the value of a policy-relevant statistic. Then you will make an initial policy recommendation. You will be asked to describe your estimation process—in particular, what knowledge and reasoning you used to make your estimate. (*You will write all of this information inside of this packet.*)

After making an initial recommendation for each of the Millennium Development Goals, you will put this packet away, and begin on Packet 2 (the yellow packet). At that time, you will be given the true values of the statistics, as well as an opportunity to revise each recommendation you made.

Please *do not* go back to review or revise any previous page (or packet) once you have moved on.

On the following pages you will be asked to estimate some statistics. (After making all of your initial estimates, you will later be given the true values of the statistics, so try to make a mental note of your estimates.) An example of how you should fill out these pages is given below.

EXAMPLE:

The United Nations has 1 billion dollars to allocate between two programs. Please indicate what percentage of the 1 billion dollars you would allocate to each program (for a total of 100% between the two programs). Before providing any policy recommendations, please provide an estimate for the following statistic:

According to a 2005 survey by the Center for Survey and Research Analysis at the University of Connecticut, (estimate) X % of Americans believe in extraterrestrial life.

What % of Americans do you think believe in extraterrestrial life? That is, what is X?

Write your estimate here: 40 %

In a sentence or two: *Describe how you came up with that estimate.*

"About 60% of my friends believe in extraterrestrial life, but I think we know a little bit more than the average American does, so the actual number is probably lower."

How *low* would the actual number have to be to surprise you? (low) 20 %

How *high* would the actual number have to be to surprise you? (high) 60 %

How confident are you that the actual value falls in the range between (low) and (high) above? (circle one)

95%	85%	<u>75%</u>	65%	55%	<u> </u> %
almost totally sure	quite sure	<u>moderately sure</u>	mildly sure	almost unsure	other (write-in)

Now, what percent of the 1 billion dollars would you allocate between the following two policies?:

(#1) Invest in providing sustainable access to safe drinking water and basic sanitation; or

(#2) Invest in defense technologies to prevent an extraterrestrial invasion.

45 % toward policy **(#1)**

55 % toward policy **(#2)**

In a sentence or two: Why would you allocate funds that way?

"Having safe drinking water is really important, but if aliens take over the world it doesn't really matter anymore."

Now that you have read this example, please fill out the following pages with your estimates and policy recommendations.

Thank you for providing policy recommendations for how the United Nations should allocate its funds toward achieving the UN Millennium Development Goals. At this time, it is perfectly okay to go back to look at (but not change) your prior answers, so please take a moment to review your answers, just to make sure that you wrote all of your estimates in this packet. Also, please check if you remembered to indicate “increase” or “decrease” if/where appropriate. If you forgot to write any answers, please do so now.

Now, please put this packet inside of your envelope and take out Packet 2 (the yellow packet).

Packet 2 (Final Allocations)

Note: This packet is for the second part of today's survey. If you have not completed Packet 1, please return this yellow packet to your envelope and first complete Packet 1. *Please do not turn to the next page of this packet unless you have already completed Packet 1 (the white packet).* If you have already completed Packet 1, please make sure it is put away in your envelope before continuing.

A Reminder: General Instructions

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Further Instructions:

If you have Packet 1 (the white packet) in front of you now, please put it inside of your envelope before you begin. Right now you should have Packet 2 (the yellow packet) in front of you.

Do you have any questions? Thanks again!

On the following pages you will be given the true values of the statistics you estimated, and asked to revise your policy recommendations. An example of how you should fill out these pages is given below.

EXAMPLE Allocation revisited:

Previously, you provided an estimate before you completed EXAMPLE Allocation. Please think about the estimate you gave before reading on.

Your advisor now informs you of the true value:

*According to a 2005 survey by the Center for Survey and Research Analysis at the University of Connecticut, **60%** of Americans believe in extraterrestrial life.*

Note how this number compares to (your memory of) the estimate you gave.

Did you find this number surprising? Please rate according to the following scale:

1	2	3	4	5	6	7	8	9
Not				Somewhat				Extremely
Surprising				Surprising				Surprising
At all								

Briefly, what specifically did you find surprising (if anything)?

"I didn't realize so many Americans believed in extraterrestrial life!"

Given this information, what percent of the 1 billion dollars would you allocate between these two policies?:

(#1) Invest in providing sustainable access to safe drinking water and basic sanitation; or

(#2) Invest in defense technologies to prevent an extraterrestrial invasion.

25 % toward policy (#1)

75 % toward policy (#2)

In a sentence or two: Why would you allocate funds that way?

"It's very likely that there are aliens out there, and we need to be ready for them!"

Now that you have read this example, please fill out the following pages with your revised policy recommendations.

Please indicate the degree to which you are knowledgeable about climate change—by circling a number on the 1 (not knowledgeable at all) to 9 (extremely knowledgeable) scale below.

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Extremely Disagree	Strongly Disagree	Disagree	Mildly Disagree	Neither Agree Nor Disagree	Mildly Agree	Agree	Strongly Agree	Extremely Agree

Please go on to the next page. At that point, please do not return to this page.

Please circle, as appropriate, regarding your background

What is your gender? M/F

Are you a U.S. citizen or permanent resident? Y/N

Were you born in the US? Y/N

If not, how many years have you been living in the U.S? _____

Is English your first language? Y/N

What is your strongest political party affiliation?

1. None
2. Democrat
3. Green
4. Independent
5. Libertarian
6. Republican
7. Other
8. Decline to state

On the following scale, indicate the extent to which you consider yourself to be liberal or conservative on most political and social issues:

1	2	3	4	5	6	7	8	9
Extremely Liberal		Somewhat Liberal		Moderate		Somewhat Conserv- ative		Extremely Conserv- ative

What is your main religious faith?

1. Atheist
2. Agnostic
3. Buddhist
4. Christian
5. Hindu
6. Jewish
7. Muslim
8. Spiritual but not religious
9. Other
10. Decline to state

In general, did you accept the validity and relevance of the numerical facts? Explain if necessary.

Finally, did you think that you were supposed to change your mind during the survey? Please explain.

Thank you. When finished, please put both packets inside your envelope.