

**Online supplementary material 2 (OSM 2):
All instructions and helping dilemmas shown to
participants in Study 2**

Introductory text (shown to all participants before beginning the survey)

Read this first

This study consists of two phases.

The first phase investigates how people make judgments and decisions in situations where they can help others. Please imagine that you have a job where you have to make decisions about how resources should be allocated between different help projects.

You will read ten help dilemmas. In each dilemma you will be presented with two suggested help projects that both focus on treating patients suffering from diseases. In each dilemma there will be one green box with one number missing.

Your task is to write a number in this box, so that the two suggested help projects become exactly equally attractive to you.

The task is complex so before beginning the survey, you will see a test dilemma. Please read the instructions carefully.

The explanatory text was shown one part at the time (each part divided by “---”) and participants had to click in order to see the next part. They saw the test dilemma while reading all parts. The test dilemma was also used as Comprehension check M1.

THE TEST DILEMMA

	Project 1	Project 2
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	90% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

The ten help dilemmas will be presented to you as in the table above. Your task in each dilemma is to write a number in the green box so that Project 1 and Project 2 become “exactly equally attractive” to you.

“Exactly equally attractive” means that it would not matter for you which of the two projects that got implemented. You would think it was equally good or equally valuable to implement Project 1 as to implement Project 2.

As seen in the table, the two projects are very similar but vary on one dimension (marked in orange). In this case, the projects vary on “What is the average chance of surviving the disease for an ill patient that is treated?”.

If Project 1 is implemented, the chance of survival for treated patients will increase from 30% to 90% (= 60% treatment efficiency).

If Project 2 is implemented, the chance of survival for treated patients will increase from 30% to 70% (= 40% treatment efficiency).

Everything else equal, most people believe that Project 1 is more attractive than Project 2 (because the treatment efficiency is higher in Project 1).

If you think that Project 1 is more attractive on the “orange” dimension, you must make Project 2 more attractive on another dimension. The only way you can do this is to write a number higher than 100 on the dimension marked in green: “Number of patients that will be treated if the project is implemented”.

For example, a person writing “150” in the green box believes that Project 1 which can treat 100 patients with a treatment efficiency of 60%, is exactly equally attractive as Project 2 which can treat 150 patients with a 40% treatment efficiency.

If you believe that the orange dimension does not make one project more attractive than the other, you should write so that both projects will treat the same number of ill patients (here 100 patients).

If you believe that one project will be more attractive to implement no matter which number you write in the green box, then you should indicate this by writing the number zero “0”.

Please note that the aim is not to test your cognitive abilities but rather to test your personal values and preferences. There are no “right” or “wrong” answers.

Now, please write the number that you would put in the green box in order to make Project 1 and Project 2 exactly equally attractive to you.

Good, you will now read and respond to ten help dilemmas. You can at any time open a pop-up window and see the test dilemma and the instructions again.

All helping dilemmas in all versions.

Age dilemma: AB&First

	Project A	Project B
Who are affected by the disease?	Adults	Children and teenagers
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Age dilemma: AB&Second

	Project A	Project B
Who are affected by the disease?	Adults	Children and teenagers
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Age dilemma: BA&First

	Project B	Project A
Who are affected by the disease?	Children and teenagers	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Age dilemma: BA&Second

	Project B	Project A
Who are affected by the disease?	Children and teenagers	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Gender Dilemma: AB&First

	Project C	Project D
Who are affected by the disease?	Women	Men
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Gender Dilemma: AB&Second

	Project C	Project D
Who are affected by the disease?	Women	Men
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Gender Dilemma: BA&First

	Project D	Project C
Who are affected by the disease?	Men	Women
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Gender Dilemma: BA&Second

	Project D	Project C
Who are affected by the disease?	Men	Women
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Innocence dilemma: AB&First

	Project E	Project F
Who are affected by the disease?	Predominately adults who exercise regularly and eat nutritious food	Predominately adults who eat unhealthy, smoke and drink alcohol excessively
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Innocence dilemma: AB&Second

	Project E	Project F
Who are affected by the disease?	Predominately adults who exercise regularly and eat nutritious food	Predominately adults who eat unhealthy, smoke and drink alcohol excessively
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Innocence dilemma: BA&First

	Project F	Project E
Who are affected by the disease?	Predominately adults who eat unhealthy, smoke and drink alcohol excessively	Predominately adults who exercise regularly and eat nutritious food
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Innocence dilemma: BA&Second

	Project F	Project E
Who are affected by the disease?	Predominately adults who eat unhealthy, smoke and drink alcohol excessively	Predominately adults who exercise regularly and eat nutritious food
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Ingroup Dilemma: AB&First

	Project I	Project J
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA (US patients will be treated)	Germany (German patients will be treated)
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Ingroup Dilemma: AB&Second

	Project I	Project J
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA (US patients will be treated)	Germany (German patients will be treated)
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Ingroup Dilemma: BA&First

	Project J	Project I
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	Germany (German patients will be treated)	USA (US patients will be treated)
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Ingroup Dilemma: BA&Second

	Project J	Project I
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	Germany (German patients will be treated)	USA (US patients will be treated)
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Patient group size dilemma: AB&First (to be reported in a separate manuscript)

	Project K	Project L
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 1000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Patient group size dilemma: AB&Second (to be reported in a separate manuscript)

	Project K	Project L
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 1000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Patient group size dilemma: BA&First (to be reported in a separate manuscript)

	Project L	Project K
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 1000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Patient group size dilemma: BA&Second (to be reported in a separate manuscript)

	Project L	Project K
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 1000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Survival chance dilemma: AB&First

	Project M	Project N
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	0% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	40% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Survival chance dilemma: AB&Second

	Project M	Project N
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	0% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	40% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Survival chance dilemma: BA&First

	Project N	Project M
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	0% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	40% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Survival chance dilemma: BA&Second

	Project N	Project M
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	0% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	40% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Existence dilemma: AB&First

	Project Q	Project R
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated ?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
When can the treatments begin if the project is implemented	The treatments can start right away	The treatments can start in about 10 years
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Existence dilemma: AB&Second

	Project Q	Project R
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated ?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
When can the treatments begin if the project is implemented	The treatments can start right away	The treatments can start in about 10 years
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Existence dilemma: BA&First

	Project R	Project Q
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated ?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
When can the treatments begin if the project is implemented	The treatments can start in about 10 years	The treatments can start right away
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Existence dilemma: BA&Second

	Project R	Project Q
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated ?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
When can the treatments begin if the project is implemented	The treatments can start in about 10 years	The treatments can start right away
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Side-effect dilemma: AB&First

	Project X	Project Y
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	There are no side-effects of the treatment	There is a small risk (about 1%) for a serious and potentially deadly allergic reaction for treated patients
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Side-effect dilemma: AB&Second

	Project X	Project Y
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	There are no side-effects of the treatment	There is a small risk (about 1%) for a serious and potentially deadly allergic reaction for treated patients
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Side-effect dilemma: BA&First

	Project Y	Project X
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	There is a small risk (about 1%) for a serious and potentially deadly allergic reaction for treated patients	There are no side-effects of the treatment
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Side-effect dilemma: BA&Second

	Project Y	Project X
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	There is a small risk (about 1%) for a serious and potentially deadly allergic reaction for treated patients	There are no side-effects of the treatment
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Comprehension check M2: AB&First

	Project G	Project H
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$15 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check M2: AB&Second

	Project G	Project H
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$15 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Comprehension check M2: BA&First

	Project H	Project G
Who are affected by the disease?	Adults	Adults
Project cost	\$15 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check M2: BA&Second

	Project H	Project G
Who are affected by the disease?	Adults	Adults
Project cost	\$15 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Comprehension check M3: AB&First

	Project U	Project V
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause headache, cough and a runny nose for a few days	The treatment can cause a runny nose, cough and headache for a few days
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check M3: AB&Second

	Project U	Project V
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause headache, cough and a runny nose for a few days	The treatment can cause a runny nose, cough and headache for a few days
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Comprehension check M3: BA&First

	Project V	Project U
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause a runny nose, cough and headache for a few days	The treatment can cause headache, cough and a runny nose for a few days
Number of patients that will be treated if the project is implemented	[] ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check M3: BA&Second

	Project V	Project U
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause a runny nose, cough and headache for a few days	The treatment can cause headache, cough and a runny nose for a few days
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	[] ill patients will be treated if the project is implemented

Response layout for each of the dilemmas presented after each dilemma in the matching task.

Your task is to write a number in the green box, so that the two help projects become exactly equally attractive to you.

“Exactly equally attractive” means that it would not matter for you which of the two projects that got implemented. You would think it was exactly equally good to implement either of the two projects.

Please note that the aim is not to test your cognitive abilities but rather to test your personal values. There are not “right” or “wrong” answers.

Click [here](#) to see a pop-up window of the test dilemma and the accompanying instructions

Explanatory text to the choice task in Study 2.

The second phase of this study is very similar to the first phase. You will read 14 helping dilemmas but rather than matching the two help projects to become equally attractive, your task in each dilemma is to choose which of two projects that you would implement if you had to make a choice. Please imagine that you have a job where you make decisions about how resources should be allocated between different help projects. Your task in each of the 14 helping dilemmas is to choose which of the two suggested projects that you would implement if you could choose only one of them. Please choose the help project that seems better or more attractive to you.

Remember that you must choose one of the projects. If you believe that both suggested help projects are equally attractive, then you can use an online random number generator to help you decide. An online random number generator can be found below.



The image shows a web-based interface for a "True Random Number Generator". It features a blue header with the text "True Random Number Generator". Below the header, there are two input fields: "Min:" with the value "1" and "Max:" with the value "10". A "Generate" button is positioned below these fields. Underneath the button is a "Result:" label followed by a horizontal line. At the bottom of the interface, it says "Powered by RANDOM.ORG".

For most dilemmas in the choice task, participants saw the same projects which they matched as exactly equally attractive in during the matching task. Below are the additional dilemmas that were added as comprehension, manipulation or attention checks in the choice task.

Manipulation check: AB

	Project U	Project V
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is <u>treated</u>?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause headache, cough and a runny nose for a few days	The treatment can cause a runny nose, cough and headache for a few days
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Manipulation check: BA

	Project V	Project U
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is <u>treated</u>?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Side-effects of treatment	The treatment can cause a runny nose, cough and headache for a few days	The treatment can cause headache, cough and a runny nose for a few days
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Attention check (identical for all)

	Project 5	Project 6
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	This is an attention check. Please prove that you are...	reading this by responding [TARGET WORD]
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is <u>treated</u>?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	102 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check C1: AB

	Project G	Project H
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$15 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	150 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check C1: BA

	Project H	Project G
Who are affected by the disease?	Adults	Adults
Project cost	\$15 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is not treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	150 ill patients will be treated if the project is implemented

Comprehension check C2: AB

	Project 1	Project 2
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	90% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check C2: BA

	Project 2	Project 1
Who are affected by the disease?	Adults	Adults
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	USA	USA
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	90% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check C3: AB

	Project 3	Project 4
Who are affected by the disease?	Adults with blue eye color	Adults with brown eye color
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	Germany	Germany
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	3500 ill patients will be treated if the project is implemented

Comprehension check C3: BA

	Project 4	Project 3
Who are affected by the disease?	Adults with brown eye color	Adults with blue eye color
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	Germany	Germany
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	100 ill patients will be treated if the project is implemented	3500 ill patients will be treated if the project is implemented

Comprehension check C4: AB

	Project 7	Project 8
Who are affected by the disease?	Children with blood type A	Children with blood type O
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	France	France
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	2300 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Comprehension check C4: BA

	Project 8	Project 7
Who are affected by the disease?	Children with blood type O	Children with blood type A
Project cost	\$10 million	\$10 million
In which country will the project be implemented?	France	France
Number of ill patients currently in need of treatment	About 40000 patients currently need treatment	About 40000 patients currently need treatment
What is the average chance of surviving the disease for an ill patient that is <u>not</u> treated?	30% chance to survive for each patient that is not treated	30% chance to survive for each patient that is not treated
What is the average chance of surviving the disease for an ill patient that is treated?	70% chance to survive for each patient that is treated	70% chance to survive for each patient that is treated
Number of patients that will be treated if the project is implemented	2300 ill patients will be treated if the project is implemented	100 ill patients will be treated if the project is implemented

Response layout for each of the dilemmas presented after each dilemma in the choice task.

Your task is to indicate which of the help projects that you would implement if you were forced to choose only one of them. You respond by writing the name of the project in the box below.

Click [here](#) to see a pop-up window repeating the instructions and showing the randomizer
