Instructions for HyENA experiment

Thank you for joining the HyENA experiment! The goal of this experiment is to evaluate key **Arguments** in a discourse. The analyzed discourse is opinions of Dutch residents in the context of covid-19. We ask you to rate **Arguments** in support of, or opposed to a proposed decision.

What you will be reading

In the HyENA experiment you will be reading comments stemming from answers to a questionnaire, where citizens were asked to provide feedback on potential government policies regarding the relaxation of the Covid-19 measures.

In the questionnaire, participants selected policy **Options** that the government considers. If a participant selected an **Option**, participants were invited to motivate their choice with a text comment, which we refer to as a **Motivation**. Additionally, the participants were asked to provide a **Motivation** <u>against</u> picking (some of) the remaining **Options**. Since the original **Motivations** were provided in Dutch, we have (automatically) translated them into English.

Motivations are written to justify choices. Analyzing them offers valuable insight into the opinions held by survey participants. You will be reading the **Motivations** in reply to a single **Option**. The **Motivation** might contain **Arguments** in favor, or opposed to the **Option** at hand.

Lifting corona measures in the Netherlands

The questionnaire was conducted in the Netherlands between 29/04/2020 and 06/05/2020, when partial lockdown measures were in place in the Netherlands. The government wanted to gauge the opinion of the citizens on the eight possible **Options**. Each proposed **Option** came with an additional pressure on the healthcare system as a consequence (percentage in parentheses):

- Nursing and care homes allow visitors. (10-25%)
- Businesses open again, except for hotels, restaurants, cafes and contact professions (barbers, beauticians, etc.). (6-15%)
- Employees in contact professions (barbers, beauticians, etc.) go back to work. (8-15%)
- Young people may come together in groups. (4-8%)
- All restrictions are lifted for people who are immune.) (10-20%)
- Restrictions are lifted in Friesland, Groningen and Drenthe (Northern regions less affected by the virus). (15-30%)
- Social contact within families is allowed again. (6-15%)
- Hotels, restaurants, cafes, and the entertainment industry re-open. (15-25%)

The question you will be answering in the annotation, is:
Do extracted arguments match comments in the context of relaxing COVID-19 measures?

Arguments

Arguments are an intuitive way for people to describe the tradeoffs of decision. More precisely, **Arguments** are opinions or pieces of evidence that support or object to a decision. They should also adhere to the following criteria:
- Arguments should be addressing a single point at the time.
- Arguments should have a logical structure, where they provide an answer to the *why question*: an argument gives a single reason for or against taking a specific action.
- Argument should be either in support of (Pro) or against a proposed **Option**.

Annotation

The Annotation phase is to be performed by you, individually. You will be shown Motivations and Arguments, and the Option they apply to. We ask you to annotate them as described below.

Note! We are not asking for your personal opinion, but rather are interested in the content of the Motivation and Arguments.

Annotation workflow

Please follow the following steps
1. **Read the motivation:** Read the Motivation; you see the **Option, Motivation** and the **Argument.**
   Now you can select between:
   - **The Motivation and Argument Match.** Arguments match if they make the same point, or essentially bring forward the same reasoning why the **Option** is a good/bad idea.
   - **The Motivation and Argument do not match.** The points being made differ too much, and have no related
   - it may occur that it is impossible to interpret the Motivation or Argument In such cases, we ask you to select that they **do not match.**
2. **Move on to the next motivation:** You can continue to the next question by pressing the "*Submit*" button after having annotated the currently shown question.

Text continues on the next page.

Examples

Motivations are shown in italics, while **Arguments** are shown in bold.

Option

Young people do not need to maintain 1.5 meter distance among each others

Matching Motivations and Arguments

- *"This is the only way to get schools to open up completely, and to let kids work out."*
  - **This way, kids can go to school again**
- *"The corona can strike again, and then we'll be at it even longer."*
  - **The virus could re-emerge**
- *"There's still no good evidence of children being less at risk and I'm afraid of the second peak"*
  - **Not enough information on children**

Non-matching Motivations and Arguments

- *"This is the only way to get schools to open up completely, and to let kids work out."*
  - **Children can spread the virus faster**
- *"Nobody wants a new peak contamination."*
  - **This way, kids can go to school again**
- *"The degree of contagion between young people is low. For psychological well-being it is important that (young) people are in contact with each other. It prevents stress, aggression and depression."*
  - **Not enough information on children**

When to stop?

Please continue until all Motivations have been annotated. The platform will automatically provide you with a button to return to Prolific. You will have to annotate between 40-60 items.