THANK YOU very much for participating in our study.

Participation will take about 10-15 minutes. Please make sure that you are not disturbed during this time.

You will read three different stories about other people. You will then answer some questions about these stories, followed by some questions about yourself.

We hope that our results will contribute to the scientific knowledge of how language works.

Before we begin the study, we want you to know that there are no known risks to your participation in the study.

Please note that you cannot return to previous pages after pressing the next button, so you will NOT be able to reread the texts or change your answers.

Click next if you want to start the study.

Next

0% completed

Consent English

Here will be the text of your standard consent form (university specific) unless you are fine with a generic consent form shared by multiple labs.

If you want to particpate and agree, click yes.
If you do not want to particpate and disagree, click no.

○ yes
○ no

Next

3% completed

Now you will read the first scenario. When you are ready, please continue. If you still have any questions, please notify the experimenter.

Next

6% completed

Gerald is driving through the countryside with his young son Andrew. Along the way he sees numerous objects and points them out to his son. 'That's a cow, Andrew,' Gerald says, 'and that over there is a house where farmers live.' Gerald has no doubt about what the objects are.

What Gerald and Andrew do not realize is the area they are driving through was recently hit by a very serious tornado. This tornado did not harm any of the animals, but did destroy most buildings. In an effort to maintain the rural area's tourist industry, local townspeople built fake houses in the place of the destroyed houses. These fake houses were built with only the walls necessary for them to look exactly like real houses from the road, but they are empty and only for looks and cannot be used as actual housing.

Having just entered the tornado-ravaged area, Gerald has not yet encountered any fake houses. When he tells Andrew 'That's a house,' the object he sees and points at is a real house that has survived the tornado and not one of the fake houses.

Next

10% completed

Gerald _____ that he is pointing at a real house.

Please move the slider in the direction of the word (knows or only believes) that best reflects your opinion.

| knows | ——————————◻—————————— | only believes |

Next

13% completed

Gerald is pointing at a _____ house.

○ real
○ fake

Next

16% completed

It is _____ for Gerald to think that he is pointing at a real house.

Please move the slider in the direction of the word (reasonable or unreasonable) that best reflects your opinion.

| reasonable | ——————————◻—————————— | unreasonable |

Next

19% completed

Gerald got the ___ answer because of his _____.

Please mark the answer option [right/wrong] you think is appropriate and move the slider in the direction of the word pair [(in)ability or (good/bad)luck] that best reflects your opinion.

○ right   (in)ability ————————●———————— (bad/good) luck

○ wrong

Next

M.Sc. Sophia Weißgerber, Universität Kassel – 2019

23% completed

In your view, which of the following sentences better describes Gerald's situation?

○ Gerald knows that the house he is pointing at is a real house.

○ Gerald feels like he knows that the house he is pointing at is a real house, but he doesn't actually know that it is.

Next

M.Sc. Sophia Weißgerber, Universität Kassel – 2019

26% completed

In the following you will read the second scenario and we ask you to answer some questions about this scenario as well.

Next

M.Sc. Sophia Weißgerber, Universität Kassel – 2019

29% completed

Emma is shopping for jewelry. She goes into a nice-looking store and selects a necklace from a tray marked "Diamond Earrings and Pendants". "What a lovely diamond!" she says as she tries it on. Emma could not tell the difference between a real diamond and a cubic zirconium fake just by looking or touching. However, this particular store has very honest employees who have a really positive reputation for their guaranteed real diamonds; in the tray Emma chose, all of the pendants had real diamonds rather than fake cubic zirconium stones (and the one she chose was really nice).

Next

32% completed

Emma _____ that she chose a necklace made of diamonds.

Please move the slider in the direction of the word (knows or believes) that best represents your opinion.

knows ———————————————○——————————————— only believes

Next

35% completed

Emma chose a necklace made of _____.

○ diamonds
○ cubic zirconium stones

Next

39% completed

It is _____ for Emma to think that she chose a necklace made of diamonds.

Please move the slider in the direction of the word (reasonable or unreasonable) that best reflects your opinion.

reasonable ———————————————————|——————————————————— unreasonable

Next

42% completed

Emma got the ____ answer because of her _____.

Please mark the answer option [right/wrong] you think is appropriate and move the slider in the direction of the word pair [(in)ability or (good/bad)luck] that best reflects your opinion.

○ right   (in)ability ————————————|———————————— (bad/good) luck

○ wrong

Next

45% completed

In your view, which of the following sentences better describes Emma's situation?

○ Emma knows that she chose a necklace made of diamonds.

○ Emma feels like she knows that she chose a necklace made of diamonds, but he doesn't actually know that it is.

Next

49% completed

In the following we ask you to read the last scenario and answer the questions.

Next

52% completed

Darrel is an ecologist collecting data on red speckled ground squirrels in Canyon Falls national park. The park is divided into ten zones and today Darrel is working in Zone 3. While scanning the river valley with his binoculars, Darrel sees a small, bushy-tailed creature with distinctive red markings on its chest and belly. The red speckled ground squirrel is the only native species with such markings. Darrel records in his journal, "At least one red speckled ground squirrel in Zone 3 today."

Ecologists are unaware that a non-native species of prairie dog recently began invading the park. These prairie dogs also have red markings on their chest and belly. When these prairie dogs tried to invade Zone 3, the red speckled ground squirrels were unable to completely drive them away. And, the animal Darrel is looking at is indeed one of the prairie dogs.

Next

55% completed

Darrel _____ that there is at least one red speckled ground squirrel in Zone 3 today.

Please move the slider in the direction of the word (knows or believes) that best represents your opinion.

knows ——————————|———————— only believes

Next

Darrel is looking at a ____.

○ ground squirrel
○ prairie dog

Next

It is _____ for Darrel to think that he is looking at a red speckled ground squirrel.

Please move the slider in the direction of the word (reasonable or unreasonable) that best reflects your opinion.

reasonable ——————————|———————— unreasonable

Next

Darrel got the ___ answer because of his _____.

Please mark the answer option [right/wrong] you think is appropriate and move the slider in the direction of the word pair [(in)ability or (good/bad)luck] that best reflects your opinion.

○ right   (in)ability ——————————⬤—————————— (bad/good) luck

○ wrong

[Next]

In your view, which of the following sentences better describes Darrel's situation?

○ Darrel knows that the animal he saw is a red speckled ground squirrel.

○ Darrel feels like he knows that the animal he saw is a red speckled ground squirrel, but he doesn't actually know that it is.

[Next]

The following questionnaire is your chance to give feedback on the study you have just participated in. Please use the following anchors to describe your experience of this study. Please circle the number that best represents your experience of the study relative to the two ends of the scale. Note that a '5' is the middle of a scale and can be used if you are not sure of an answer.

How much did you enjoy the study?

I enjoyed the study a lot				Not sure				I did not enjoy the study at all
○	○	○	○	○	○	○	○	○

How nervous were you during the study?

I was very nervous during the study				Not sure				I was not nervous during the study at all
○	○	○	○	○	○	○	○	○

How difficult did you find the study?

I found the study tasks very difficult to complete				Not sure				I did not find the study tasks difficult to complete at all
○	○	○	○	○	○	○	○	○

How boring did you find the study?

I found the study task very boring				Not sure				I did not find the study activity boring at all
○	○	○	○	○	○	○	○	○

Next

One or more questions on this page remained unanswered.

☐ I do not want to answer

How tiring did you find the study?

I found the study task very tiring				Not sure				I did not find the study task tiring at all
○	○	○	○	○	○	○	○	○

How quickly did you adjust to the study task?

I was able to adjust to the study task very quickly				Not sure				I was not able to adjust to the study task quickly
○	○	○	○	○	○	○	○	○

How regularly do you take part in research studies?

I have taken part in many research studies				Not sure				I have never taken part in a research study before
○	○	○	○	○	○	○	○	○

How self-conscious of your responses were you during the study?

I was very self-conscious of the responses I gave in this study				Not sure				I was not at all self-conscious of the responses I gave in this study
○	○	○	○	○	○	○	○	○

Next

78% completed

One or more questions on this page remained unanswered.

☐ I do not want to answer

How motivated were you to help the researchers during the study?

I was strongly motivated to help make the study a success for the researchers				Not sure				I was not at all motivated to help make the study a success for the researchers
○	○	○	○	○	○	○	○	○

To what extent did you believe you were contributing to important research?

I believe that my participation was contributing to very important research				Not sure				I do not believe that my participation was contributing to important research
○	○	○	○	○	○	○	○	○

To what extent were you trying to work out the aim of the study during your participation?

I was trying to work out the aim of the study during my participation				Not sure				I was not trying to work out the aim of the study during my participation
○	○	○	○	○	○	○	○	○

Do you have any further comments about your experience of this study that we have not addressed above?

Please give any further comments about this study below.

(If you have no further comments, please click on continue)

Next

What do you think is the purpose of this study?

If you have no idea for the purpose of the study, the field may remain empty.

What was your impression of the materials in this study?

Have you ever participated in a similar study?

If yes, please describe the study.

Next

84% completed

One or more questions on this page remained unanswered.

☐ I do not want to answer

Finally, we would like to ask you to provide us with some demographic information.

How old are you?
(in years)

[   ]

What is your gender?

[Please choose] ⌄

What country do you currently live in?
(country of residence)

[   ]

What is your country of birth?

[   ]

What is your ethnicity/race?

[Please choose] ⌄

[Next]

87% completed

One or more questions on this page remained unanswered.

☐ I do not want to answer

How many years did you attend school?

[Please choose] ⌄

How well do you speak English?

○	○	○	○
very good	good	not very good	not good at all

Next

90% completed

Thank you for your participation!

We would like to thank you very much for your help.

Your answers have been saved and the study is concluded now.

```xml
<?xml version="1.0"?>

<questionnaire>


<!-- Page 1 -->

<page intID="75">

<text id="Ablauf" intID="76">

        <spacing>default</spacing>

</text>

</page>



<!-- Page 2 -->

<page ident="CO" intID="37">

<info>Consent</info>

<question id="CS01" intID="38" />

<question id="CS02" intID="40" />

</page>



<!-- Page 3 -->

<page ident="RA" intID="94">

<info>Randomisation</info>

<php intID="34"><![CDATA[

$lang = getLanguage();


urnDraw('order_' . $lang, 'IV01', 'man');
```

```
]]></php>

<php intID="42"><![CDATA[

if (value ('CS02') == 01) {

text('Anweisung V1', 'spacing=default'); }

else {goToPage('end');

}

]]></php>

</page>
```

<!-- Page 4 -->

```
<page ident="V101" intID="1">

<info>Vignette 1 - Szenario</info>

<php intID="18"><![CDATA[

$vignette = value('IV01_01')[0];

$condition = value('IV01_02')[0];

$text_id = 'Text_' . $vignette . $condition;


text($text_id);

]]></php>

</page>
```

<!-- Page 5 -->

```
<page ident="V102" intID="13">

<info>Vignette 1 - Wissen</info>
```

```
<php intID="2"><![CDATA[

$vignette = value('IV01_01')[0];


# Wissen

question('V' . $vignette . '02');

]]></php>

</page>
```

<!-- Page 6 -->

```
<page ident="V103" intID="4">

<info>Vignette 1 - Verständnis</info>

<php intID="14"><![CDATA[

$vignette = value('IV01_01')[0];


# Verständnis

question('V' . $vignette . '03');

]]></php>

</page>
```

<!-- Page 7 -->

```
<page ident="V104" intID="6">

<info>Vignette 1 - Angemessenheit</info>

<php intID="5"><![CDATA[

$vignette = value('IV01_01')[0];
```

Angemessenheit

```
question('V' . $vignette . '04');

]]></php>

</page>
```

<!-- Page 8 -->

```
<page ident="V10506" intID="25">

<info>Vignette 1 - ExFragen1+2</info>

<php intID="52"><![CDATA[

$vignette = value('IV01_01')[0];

# ExFragen1 + ExFragen2

question('V' . $vignette . '05','combine=V' . $vignette . '06');

]]></php>

</page>
```

<!-- Page 9 -->

```
<page ident="V107" intID="35">

<info>Vignette 1 - ExFragen3</info>

<php intID="26"><![CDATA[

$vignette = value('IV01_01')[0];


# ExFragen3

question('V' . $vignette . '07');
```

```
]]></php>

</page>



<!-- Page 10 -->

<page intID="7">

<text id="Anweisungen V2" intID="3">

        <spacing>default</spacing>

</text>

</page>



<!-- Page 11 -->

<page ident="V201" intID="89">

<info>Vignette 2 - Szenario</info>

<php intID="9"><![CDATA[

$vignette = value('IV01_01')[1];

$condition = value('IV01_02')[1];

$text_id = 'Text_' . $vignette . $condition;


text($text_id);

]]></php>

</page>



<!-- Page 12 -->
```

```xml
<page ident="V202" intID="15">

<info>Vignette 2 - Wissen</info>

<php intID="27"><![CDATA[

$vignette = value('IV01_01')[1];


# Wissen

question('V' . $vignette . '02');

]]></php>

</page>
```

```xml
<!-- Page 13 -->

<page ident="V203" intID="10">

<info>Vignette 2 - Verständnis</info>

<php intID="16"><![CDATA[

$vignette = value('IV01_01')[1];


# Verständnis

question('V' . $vignette . '03');

]]></php>

</page>
```

```xml
<!-- Page 14 -->

<page ident="V204" intID="12">

<info>Vignette 2 - Angemessenheit</info>
```

```
<php intID="11"><![CDATA[

$vignette = value('IV01_01')[1];


# Angemessenheit

question('V' . $vignette . '04');

]]></php>

</page>



<!-- Page 15 -->

<page ident="v20506" intID="39">

<info>Vignette 2 - ExFragen1+2</info>

<php intID="50"><![CDATA[

$vignette = value('IV01_01')[1];


# ExFragen1 + ExFragen2

question('V' . $vignette . '05','combine=V' . $vignette . '06');

]]></php>

</page>



<!-- Page 16 -->

<page ident="V207" intID="45">

<info>Vignette 2 - ExFragen 3</info>

<php intID="28"><![CDATA[

$vignette = value('IV01_01')[1];
```

```
# ExFragen3

question('V' . $vignette . '07');

]]></php>

</page>
```

```
<!-- Page 17 -->

<page intID="91">

<text id="Anweisungen V3" intID="92">

        <spacing>default</spacing>

</text>

</page>
```

```
<!-- Page 18 -->

<page ident="V301" intID="17">

<info>Vignette 3 - Szenario</info>

<php intID="29"><![CDATA[

$vignette = value('IV01_01')[2];

$condition = value('IV01_02')[2];

$text_id = 'Text_' . $vignette . $condition;


text($text_id);

]]></php>

</page>
```

```
<!-- Page 19 -->

<page ident="V302" intID="20">

<info>Vignette 3 - Wissen</info>

<php intID="8"><![CDATA[

$vignette = value('IV01_01')[2];


# Wissen

question('V' . $vignette . '02');

]]></php>

</page>




<!-- Page 20 -->

<page ident="V303" intID="22">

<info>Vignette3 - Verständnis</info>

<php intID="21"><![CDATA[

$vignette = value('IV01_01')[2];


# Verständnis

question('V' . $vignette . '03');

]]></php>

</page>
```

```
<!-- Page 21 -->

<page ident="V304" intID="24">

<info>Vignette 3 - Angemessenheit</info>

<php intID="23"><![CDATA[

$vignette = value('IV01_01')[2];


# Angemessenheit

question('V' . $vignette . '04');

]]></php>

</page>



<!-- Page 22 -->

<page ident="V30506" intID="41">

<info>Vignette3 - ExFragen1+2</info>

<php intID="54"><![CDATA[

$vignette = value('IV01_01')[2];


# ExFragen1 + ExFragen2

question('V' . $vignette . '05','combine=V' . $vignette . '06');

]]></php>

</page>



<!-- Page 23 -->

<page ident="V307" intID="43">
```

```
<info>Vignette3 - ExFragen3</info>

<php intID="30"><![CDATA[

$vignette = value('IV01_01')[2];


# ExFragen3

question('V' . $vignette . '07');

]]></php>

</page>



<!-- Page 24 -->

<page intID="55">

<text id="Anweisung ExFragen" intID="79">

        <spacing>default</spacing>

</text>

<question id="DF01" intID="56" />

<question id="DF02" intID="57" />

<question id="DF03" intID="58" />

<question id="DF04" intID="59" />

</page>



<!-- Page 25 -->

<page intID="61">

<question id="DF05" intID="60" />

<question id="DF06" intID="62" />
```

```xml
<question id="DF07" intID="63" />

<question id="DF08" intID="64" />

</page>



<!-- Page 26 -->

<page intID="65">

<question id="DF09" intID="66" />

<question id="DF10" intID="67" />

<question id="DF11" intID="68" />

<question id="DF12" intID="69" />

</page>



<!-- Page 27 -->

<page intID="72">

<question id="DF13" intID="71" />

<question id="DF14" intID="73" />

<question id="DF15" intID="74" />

</page>



<!-- Page 28 -->

<page intID="70">

<text id="Anweisungen Demografische Daten" intID="88">

        <spacing>default</spacing>
```

```
</text>

<question id="DD01" intID="80" />

<question id="DD02" intID="81" />

<question id="DD03" intID="82" />

<question id="DD04" intID="83" />

<question id="DD05" intID="84" />

</page>




<!-- Page 29 -->

<page intID="85">

<question id="DD06" intID="86" />

<question id="SF01" intID="87" />

</page>




<!-- Page 30 -->

<page ident="Add" intID="19">

<info>country specific additional stuff</info>

<php intID="36"><![CDATA[

if (getLanguage() == 'ger') { //Germans get to see an extra question

  question('ZZ02');

} else if (getLanguage() == 'eng') {  // English speakers get a smiley question

  question('ZZ01');

  question('ZZ03');

  $code = random(1,10000);
```

```
  put('RC01_01', $code);

  html('<p style="font-size:18pt;"><b>Please send the number <FONT COLOR="#FF0000"><big>
'.$code.'%caseNumber% </big></FONT> with <i>subject "study"</i> to <u>xxx@gmail.com</u> for
participation in the lottery.</b></p>');

} else { // everyone else does not get an additional question

  goToPage('next');

}

]]></php>
</page>



<!-- Page 31 -->
<page intID="31">
<php intID="32"><![CDATA[

$isCorrect = true;
for ($v = 0; $v < 3; $v++) {

    $vignette = value('IV01_01')[$v];

    $condition = value('IV01_02')[$v];

    # Verständnisfrage

    $response = value('V' . $vignette . '03');

    if ($condition === 'I') {

        $correct_response = 2;

    } else {

        $correct_response = 1;

    }

    html('<br>Vignette: '.$vignette.', Condition: '.$condition);

    html('<br>Response: '.$response.', Correct: '.$correct_response);
```

```
    if ($response != $correct_response) {

        html('<br>INCORRECT RESPONSE!');

        $isCorrect = false;

    }

}

if ($isCorrect) {

    html('<br>CORRECT');

    urnPutAway();

} else {

    html('<br>INCORRECT');

}

goToPage('next');

]]></php>

</page>




</questionnaire>
```