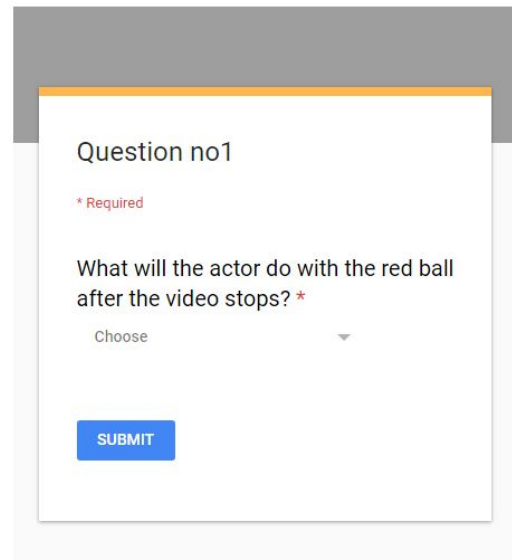


The two questionnaires that are an integral part of the research behind the paper “Action Anticipation: Reading the Intentions of Humans and Robots” are prepared as a set of randomly distributed questions. For each question the participant is asked to play a video shown to the left on the screen. After watching the video, one out of six possible answer should be provided for the question: “What will the actor do with the red ball after the video stops?” (See Fig. 1.).



a)



b)

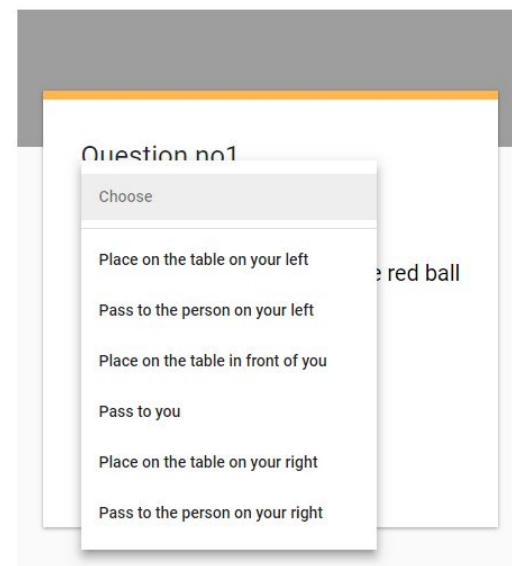


Figure 1. The illustration of one question a) The snapshot of the screen with the video on the left and the question on the right; b) list of possible answers

After the answer is provided, the participant moves to the next question. It will repeat the same procedure until the end of the questionnaire.

## Questionnaire 1:

The first questionnaire has 24 questions. In each question there are six possible answers:

- 1- Place on the table on your left
- 2- Pass to the person on your left
- 3- Place on the table in front of you
- 4- Pass to you
- 5- Place on the table on your right
- 6- Pass to the person on your right

All the answers are referring to the perspective of the subject watching the video. So “Place on the table on your left” is referring to the white marker present on the table to the left of the video.

The difference between the videos of the same correct answer is in the length of the action, i.e. video fractions. There were four different video fractions which are:

- 1 - only eye movement (G)
- 2 - eye + head movement (G + H)
- 3 - eye + head + start of the arm movement (G + H + A)
- 4 - almost complete action (G + H + A +)

In the following table are listed links to the videos, the video fractions 1-4, and the correct answer 1-6 for each question for the questionnaire 1.

	Link to the video	Video Fractions	Correct answer
1	<a href="https://youtube.com/watch?v=ZpYkqNd1NIE">https://youtube.com/watch?v=ZpYkqNd1NIE</a>	4	2
2	<a href="https://youtube.com/watch?v=Fqbbu2n1MCY">https://youtube.com/watch?v=Fqbbu2n1MCY</a>	1	5
3	<a href="https://youtube.com/watch?v=l_i9_n0gKt8">https://youtube.com/watch?v=l_i9_n0gKt8</a>	4	5
4	<a href="https://youtube.com/watch?v=7Ulo3XL9aGA">https://youtube.com/watch?v=7Ulo3XL9aGA</a>	1	3
5	<a href="https://youtube.com/watch?v=Uyp-TwFdMQs">https://youtube.com/watch?v=Uyp-TwFdMQs</a>	2	6
6	<a href="https://youtube.com/watch?v=Ei-yzAAhvt4">https://youtube.com/watch?v=Ei-yzAAhvt4</a>	3	1
7	<a href="https://youtube.com/watch?v=LMGiUL5E1ps">https://youtube.com/watch?v=LMGiUL5E1ps</a>	1	3
8	<a href="https://youtube.com/watch?v=IQsNLA0bcs0">https://youtube.com/watch?v=IQsNLA0bcs0</a>	2	2
9	<a href="https://youtube.com/watch?v=V3enZ3bS4d8">https://youtube.com/watch?v=V3enZ3bS4d8</a>	3	4

10	<a href="https://youtube.com/watch?v=dFKrwwggqlg">https://youtube.com/watch?v=dFKrwwggqlg</a>	4	6
11	<a href="https://youtube.com/watch?v=4HSyDgzdg04">https://youtube.com/watch?v=4HSyDgzdg04</a>	2	1
12	<a href="https://youtube.com/watch?v=61TQ4ds7z2o">https://youtube.com/watch?v=61TQ4ds7z2o</a>	3	6
13	<a href="https://youtube.com/watch?v=84NwJwTtbd0">https://youtube.com/watch?v=84NwJwTtbd0</a>	2	4
14	<a href="https://youtube.com/watch?v=cL38RJ57Mvk">https://youtube.com/watch?v=cL38RJ57Mvk</a>	3	5
15	<a href="https://youtube.com/watch?v=4QWFAwy2sRg">https://youtube.com/watch?v=4QWFAwy2sRg</a>	2	1
16	<a href="https://youtube.com/watch?v=mYy06MXoroc">https://youtube.com/watch?v=mYy06MXoroc</a>	3	3
17	<a href="https://youtube.com/watch?v=utduws4Yqnc">https://youtube.com/watch?v=utduws4Yqnc</a>	2	4
18	<a href="https://youtube.com/watch?v=jUd43TjqZ4w">https://youtube.com/watch?v=jUd43TjqZ4w</a>	1	5
19	<a href="https://youtube.com/watch?v=QbsETfPBCME">https://youtube.com/watch?v=QbsETfPBCME</a>	2	1
20	<a href="https://youtube.com/watch?v=5HWGd1I5OBM">https://youtube.com/watch?v=5HWGd1I5OBM</a>	3	2
21	<a href="https://youtube.com/watch?v=w41NsUST3Jo">https://youtube.com/watch?v=w41NsUST3Jo</a>	2	3
22	<a href="https://youtube.com/watch?v=OdGmvks2EGk">https://youtube.com/watch?v=OdGmvks2EGk</a>	1	1
23	<a href="https://youtube.com/watch?v=LRCjmjeMhsk">https://youtube.com/watch?v=LRCjmjeMhsk</a>	3	4
24	<a href="https://youtube.com/watch?v=RP0HbmF6A5c">https://youtube.com/watch?v=RP0HbmF6A5c</a>	1	5

## Questionnaire 2:

The second questionnaire has 36 questions. Just like in the questionnaire 1, each question has six possible answers 1-6.

The difference between the videos of the same answer was in the length of the videos and the amount of blurring present in the videos. There were three different video fractions, which are:

- 1 - only eye movement (G)
- 2 - eye + head movement (G + H)
- 3 - eye + head + start of the arm movement (G + H + A)

and three different blurred regions:

- n - no blurring (G)
- e - blurred eyes (Blrd G + H)
- eh - blurred eyes and head (Blrd G + Blrd H + A)

In the following table are listed links to the videos, the video fractions 1-3, blurred regions (n,e,eh), and the correct answer 1-6 for each question for the questionnaire 2.

	Link to the video	Video Fractions	Blurred region	Correct answer
1	<a href="https://youtu.be/CDYqkzeDB0I">https://youtu.be/CDYqkzeDB0I</a>	3	e	1
2	<a href="https://youtu.be/i_xoq0MORxU">https://youtu.be/i_xoq0MORxU</a>	3	e	4
3	<a href="https://youtu.be/i64cC9SsXw8">https://youtu.be/i64cC9SsXw8</a>	3	n	6
4	<a href="https://youtu.be/qpl34mc9nF4">https://youtu.be/qpl34mc9nF4</a>	3	e	5
5	<a href="https://youtu.be/y6dFPKc28xc">https://youtu.be/y6dFPKc28xc</a>	2	n	4
6	<a href="https://youtu.be/UfkBztDDjz4">https://youtu.be/UfkBztDDjz4</a>	2	n	2
7	<a href="https://youtu.be/pWlXwmp4_LA">https://youtu.be/pWlXwmp4_LA</a>	2	n	1
8	<a href="https://youtu.be/QhZkU3LzoUI">https://youtu.be/QhZkU3LzoUI</a>	1	n	5
9	<a href="https://youtu.be/0cGnsaldZlo">https://youtu.be/0cGnsaldZlo</a>	3	eh	1
10	<a href="https://youtu.be/hUlJzGf-u3Y">https://youtu.be/hUlJzGf-u3Y</a>	3	eh	5
11	<a href="https://youtu.be/D3JWW0IIJGo">https://youtu.be/D3JWW0IIJGo</a>	3	n	3
12	<a href="https://youtu.be/FEk4B4Jj330">https://youtu.be/FEk4B4Jj330</a>	3	eh	6

13	<a href="https://youtu.be/svV_xSAwJTY">https://youtu.be/svV_xSAwJTY</a>	3	eh	2
14	<a href="https://youtu.be/JFqkuSDjRAA">https://youtu.be/JFqkuSDjRAA</a>	3	n	5
15	<a href="https://youtu.be/NNWn6tc5rhU">https://youtu.be/NNWn6tc5rhU</a>	2	e	6
16	<a href="https://youtu.be/f3Qc_WRbNtl">https://youtu.be/f3Qc_WRbNtl</a>	3	n	1
17	<a href="https://youtu.be/Np-iLfQvohU">https://youtu.be/Np-iLfQvohU</a>	2	n	5
18	<a href="https://youtu.be/4VjoUuCvc_U">https://youtu.be/4VjoUuCvc_U</a>	3	e	6
19	<a href="https://youtu.be/ekBZryEMlb8">https://youtu.be/ekBZryEMlb8</a>	2	e	5
20	<a href="https://youtu.be/X5glWYWtbJE">https://youtu.be/X5glWYWtbJE</a>	3	eh	4
21	<a href="https://youtu.be/3anwaF5RAKw">https://youtu.be/3anwaF5RAKw</a>	2	n	3
22	<a href="https://youtu.be/AJUL51VKaJl">https://youtu.be/AJUL51VKaJl</a>	1	n	6
23	<a href="https://youtu.be/da1BuXjZyl0">https://youtu.be/da1BuXjZyl0</a>	3	e	3
24	<a href="https://youtu.be/vKdvoC1U1pE">https://youtu.be/vKdvoC1U1pE</a>	3	eh	3
25	<a href="https://youtu.be/luCGbrbDTFl">https://youtu.be/luCGbrbDTFl</a>	2	e	1
26	<a href="https://youtu.be/YqTEoU6jR9Y">https://youtu.be/YqTEoU6jR9Y</a>	2	e	4
27	<a href="https://youtu.be/OC_2xl3hqmo">https://youtu.be/OC_2xl3hqmo</a>	2	e	3
28	<a href="https://youtu.be/_vxn4iOStEQ">https://youtu.be/_vxn4iOStEQ</a>	3	n	2
29	<a href="https://youtu.be/Owmt_UCEv-0">https://youtu.be/Owmt_UCEv-0</a>	3	n	4
30	<a href="https://youtu.be/LTX9aj-la6E">https://youtu.be/LTX9aj-la6E</a>	2	n	6
31	<a href="https://youtu.be/07d6_MwOGRk">https://youtu.be/07d6_MwOGRk</a>	2	e	2
32	<a href="https://youtu.be/Ri6mTVF4Oyg">https://youtu.be/Ri6mTVF4Oyg</a>	1	n	2
33	<a href="https://youtu.be/-cdrHv-dMjY">https://youtu.be/-cdrHv-dMjY</a>	1	n	1
34	<a href="https://youtu.be/cmCScGNizps">https://youtu.be/cmCScGNizps</a>	1	n	3
35	<a href="https://youtu.be/xyH1C94Y0nk">https://youtu.be/xyH1C94Y0nk</a>	1	n	4
36	<a href="https://youtu.be/gRqUpXUkEpY">https://youtu.be/gRqUpXUkEpY</a>	3	e	2