

## Personality test

This is part of the additional material of the RA-L paper:

*“Interact with me: an Exploratory Study on Interaction Factors for Active Physical Human-Robot Interaction”, Yue Hu, Mehdi Benallegue, Gentiane Venture, Eiichi Yoshida*

This is a simplified version of the Big Five.

Source of the test: <https://commutest.com/bigfive>

The test was given to the participants in Japanese, which can be found in the source. Here we provide an English translation, please use it with caution.

The order of questions was randomized for each participant.

1. I like to talk.
  - Yes
  - Maybe
  - No
2. I like being busy.
  - Yes
  - Maybe
  - No
3. I am healthy and active.
  - Yes
  - Maybe
  - No
4. I don't worry about many things.
  - Yes
  - Maybe
  - No
5. I usually don't get hurt (emotionally).
  - Yes
  - Maybe
  - No
6. I rarely feel nervous.
  - Yes
  - Maybe
  - No
7. I have a lot of imagination.
  - Yes
  - Maybe
  - No

8. I am flexible.

- Yes
- Maybe
- No

9. I am curious.

- Yes
- Maybe
- No

10. I like to plan.

- Yes
- Maybe
- No

11. I work hard on issues.

- Yes
- Maybe
- No

12. I respect rules and promises.

- Yes
- Maybe
- No

13. I think from other's perspectives.

- Yes
- Maybe
- No

14. I like to collaborate with others.

- Yes
- Maybe
- No

15. I like to communicate my feelings.

- Yes
- Maybe
- No

Evaluation method:

- Extraversion: questions 1-3
- Neuroticism: questions 4-6
- Openness: questions 7-9
- Conscientiousness: questions 10-12
- Agreeableness: questions 13-15

The answer to each question is evaluated as:

- Yes - 100 points
- Maybe - 67 points
- No - 34 points

After assigning the points to each answer, compute the average across the questions of the same personality trait to obtain the final score.