

Participant information for the online study:

Decision Making in Social Interaction

Dear participant,

You are being invited to take part in an online research study. Before you decide to take part, it is important for you to understand why the research is being done, and what taking part will involve. Please take the time to read the following information carefully, and discuss it with others if you wish. Please ask the study staff any questions that are important to you. The study is funded by public money (from the German Research Foundation).

Purpose of the study

This study is part of a larger project on better understanding the determinants of effective social interaction. In some mental illnesses, interpersonal relationships are strained by instability, frequent misunderstandings and conflict. In research, these difficulties in interpersonal relationships have so far been mainly descriptive. However, to better understand and treat the relevant mechanisms, it is useful to directly observe and study the behaviour that occurs in different social situations. In this study, we therefore want to investigate how people behave in different social situations and what sorts of interventions promote more effective interactions, and who they work for.

Personal benefit from participating

The results from this study can contribute to learn more about social interaction. In the future, this knowledge may help us guide people struggling in the social domain towards psychological treatments that are more likely to work for them. Therefore, your participation could help future patients with this disorder. You will not gain a personal benefit from participating in this study.

Duration and procedure of the study

If you decide to take part, we will first ask you to fill out an online consent form, confirming you have been made aware of your rights as a research participant.

You will then be asked to play some online games, that will help us better understand how different people learn and make decisions. For example, one game might involve deciding which different computer characters to trust to share your rewards with. We will then ask you to provide some background information about yourself (e.g., your age and gender). We will not ask you to provide any identifying information, such as your name or phone number.

Finally, we will ask you to fill out some questionnaires that ask about your feelings and mood, personality (how you tend to think and act in different situations), or thinking styles (how you tend to think about the world).

Overall, these different tasks should take about 40 minutes, spread out over 3 time points. You can take a break at different points during the tasks and complete the questionnaires at a pace that suits you.

Unintended effects/risks

In the online survey, you will be asked to make simple decisions about money distributions. We do not expect this study to cause you any psychological distress. If you suffer from significant distress after

completing the online survey, please contact one of the staff or the study management immediately (Jun.-Prof. Dr. C. Korn 06221/56 4363, Klinik für Allgemeine Psychiatrie, Voßstr. 4, 69115 Heidelberg). The examination can be cancelled at your request at any time without giving reasons.

Data protection

The provisions of data protection law are complied with. During the online survey, your decisions and individual demographic information will be collected from you and stored electronically. This data is automatically pseudonymised by Prolific.co so that you can be compensated for your time.

Pseudonymisation is the processing of personal data in such a way that the personal data can no longer be attributed to a specific data subject without the addition of additional information ("key"). This additional information is stored separately by Prolific.co and is subject to technical and organisational measures which ensure that the personal data cannot be assigned to an identified or identifiable natural person. Prolific.co has access to the pseudonymisation code but has no access to the data. We only receive the pseudonymised data that you give us and this may therefore only be passed on to universities/clinics/companies in pseudonymised form, possibly also to countries where data protection requirements are lower than in the European Union. Third parties will not be given access to original documents. The study management will take all reasonable steps to ensure the protection of your data in accordance with European Union data protection standards. The data is secured against unauthorised access. Decryption of the data is not possible from our side. If you withdraw from the study, we can delete your data if you so wish. As soon as it is possible according to the research or statistical purpose, the personal data will be anonymised.

Anonymisation is the alteration of personal data in such a way that individual details about personal and factual circumstances can no longer be attributed to a specific or identifiable natural person, or can only be attributed to a specific or identifiable natural person with a disproportionate amount of time, cost and labour. It is not possible to draw conclusions about individuals. The data is published in anonymised form when the results are published, so that other researchers can use this data to check the results and to analyse further questions. Since this data is anonymised, no one, including yourself, can draw inferences from the data to your person.

The data may also be used for other/future questions if necessary. You have the right to limit the use of the data in the consent form.

You have the right to request information from the person responsible (see below) about the personal data stored about you. You can also request the correction of inaccurate data as well as the deletion of the data or restriction of its processing. The person responsible for the study-related collection of personal data is:

Jun.-Prof. Dr. phil. C. Korn
Sektion Soziale Neurowissenschaften, Klinik für Allgemeine Psychiatrie
Voßstr. 4, 69115 Heidelberg
Tel. 06221/56 4363
E-Mail: christoph.korn@med.uni-heidelberg.de

If you have any concerns about data processing and compliance with data protection requirements, you can contact the Data Protection Officer at Heidelberg University Hospital:

Datenschutzbeauftragter des Universitätsklinikums Heidelberg
Im Neuenheimer Feld 672, 69120 Heidelberg
Tel.: 06221/56 7036
E-Mail: Datenschutz@med.uni-heidelberg.de

In the event of unlawful data processing, you have the right to complain to the following supervisory authority:

Der Landesbeauftragte für den Datenschutz und die Informationsfreiheit Baden-Württemberg Postfach
10 29 32, 70025 Stuttgart
Königstraße 10a, 70173 Stuttgart

Tel.: 0711/61 55410
Fax: 0711/61 554115
E-Mail: poststelle@lfdi.bwl.de
Internet: <http://www.baden-wuerttemberg.datenschutz.de>

Insurance

The employees of Heidelberg University Hospital are insured against liability claims by study participants. You must immediately report any damage that you believe is attributable to the study to the study director.

Compensation

You will receive a financial compensation of **8 euros** per hour for participating in this experiment, plus an additional bonus that depends on your performance in the task.

Voluntariness / Withdrawal

Participation in the study is voluntary. If you wish to participate, we ask you to sign the enclosed consent form. You can revoke this consent in writing or verbally at any time without giving reasons and without incurring any disadvantages. If you wish to withdraw your consent, please contact the study management or the staff treating you. In the event of a revocation, you can decide whether the data collected from you for study purposes should be deleted / recordings made should be destroyed or may continue to be used for the purposes of the study. Even if you initially agree to further use, you can still change your mind later and request deletion of the data / recordings; to do this, please also contact the study management or the staff treating you. Please note that data that have already been included in scientific evaluations or data / recordings that have already been anonymised can no longer be deleted at your request.

If you have any questions, you can always contact Herrn Jun.-Prof. Dr. phil. Christoph Korn (Tel. 06221/56 4363).

We would be grateful for your participation in this research project!

Jun.-Prof. Dr. phil. C. Korn

Head of study