Please send the filled and signed document to the Research Data Center (FDZ-LIfBi)

by E-Mail: fdz@lifbi.de

by Post: Leibniz-Institut für Bildungsverläufe, FDZ, Wilhelmsplatz 3, 96047 Bamberg, Germany

The data recipient is the person who has signed the corresponding NEPS Data Use Agreement as the data recipient. The supplement request must be signed by the data recipient and those persons involved in the project who intend to use the RemoteNEPS data access.

## Supplement to the NEPS Data Use Agreement

with case number:

## On the Use of Data of the National Educational Panel Study (NEPS) Through RemoteNEPS

The Leibniz Institute for Educational Trajectories (LIfBi) Wilhelmsplatz 3, 96047 Bamberg, Germany

represented by the LIfBi Directorate,

this represented by the Research Data Center,

- hereinafter called LlfBi -

and

Name	
First name	
E-mail	
Telephone (optional)	
Institution	

- hereinafter referred to as the data recipient -

as well as the persons involved in the research project agree that the existing NEPS Data Use Agreement and/or the change to this NEPS Data Use Agreement shall be supplemented as follows:

## Article 1: Supplementary Data Privacy Provisions

- 1. The data recipient and the persons involved in the research project are aware that
  - a) biometric authentication is a prerequisite for access to the data-processing systems of LIfBi,
  - b) biometric data are personal data that are processed by LIfBi on the basis of Art. 6 para. 1 sentence 1 lit. b) GDPR,
  - c) by signing the contract they confirm that they have provided an information sheet on keystroke biometrics and taken note of it.

The keystroke biometrics will be deleted 10 years after termination of the contractual relationship with LIfBi at the end of the calendar year.

- 2. The data recipient and the persons involved in the research project commit themselves to
  - a) participate in a NEPS data user training. In exceptional cases, the obligation to participate in a training may be canceled by the LIfBi directorate.
  - b) utilize the access possibility provided by the data use agreement exclusively for own purposes, in a closed environment and particularly not in public.
  - c) refrain from using equipment for image recording (cameras, camera cellphones) and producing screenshots when working with the NEPS data.

## Article 2: Analyses and Outputs

- LIfBi has the right to store all analyses results and files (outputs) requested for extraction from the RemoteNEPS environment for an unlimited period of time and on its own discretion. LIfBi is not obliged to store the analyses results, outputs or other project data and files beyond the ending date of the agreement.
- 2. LIfBi reserves the right to carry out a data privacy check of the outputs. This check may take place prior to or after the transmission to the data recipient.

Place, Date	Data Recipient	(Name in block letters + Signature)
Place, Date	Person involved in the Research Project	(Name in block letters + Signature)
Place, Date	Person involved in the Research Project	(Name in block letters + Signature)
Place, Date	Person involved in the Research Project	(Name in block letters + Signature)
Place, Date	Person involved in the Research Project	(Name in block letters + Signature)
Place, Date	Person involved in the Research Project	(Name in block letters + Signature)
Place, Date	LIfBi Representative	(Name in block letters + Signature)



Biometric authentication of Data Users by – Keystroke Biometrics – to ensure the security of access to data-processing systems of the Leibniz Institute for Educational Trajectories (LIfBi)

Information for the Data User

The Leibniz Institute for Educational Trajectories (LIfBi), represented by the Directorate, as responsible institution for the National Educational Panel Study (NEPS) is required, according to Art. 32 GDPR, to implement the necessary organizational and technical measures to ensure data security and data integrity requirements. In addition to a separate obligation of each data user to maintain data confidentiality, only authorized data users are permitted to use NEPS data in order to ensure data security. Access to these data from outside the LIfBi data security area requires an unambiguous, biometric authentication of the data user.

For this purpose, LIfBi uses a biometric authentication system, so-called keystroke biometrics. It recognizes the data user exclusively by his individual keystroke behavior. For authentication the data user enters his user name and a sample sentence. This is checked against the stored user profile by a software using complex mathematical algorithms to compare specific features of typing habits with the stored user profile, which has been calculated from the last ten successful logins. If the current typing sample matches the stored data user profile, the keystroke biometric service will grant access to the systems where the data can then be retrieved. With each successful login process, the software will continuously learn and adapt the keystroke data so that security will be further enhanced. The process of keystroke biometrics is based on the finding that typing behavior is as unique as a personal handwriting.

Biometric data are personal data. Their processing is necessary for the implementation of the RemoteNEPS Supplementary Agreement, cf. Art. 6 para 1 sentence 1 lit b) GDPR. The keystroke biometrics will be deleted 10 years after termination of the contractual relationship with LIfBi at the end of the calendar year.

We would like to draw your attention to the right to information, correction, deletion and restriction of processing of personal data. The same applies to the right of objection and the right of appeal to a data protection supervisory authority.

Contact to the Research Data Center:

LIfBi – Leibniz Institute for Educational Trajectories Research Data Center Wilhelmsplatz 3 96047 Bamberg Germany

Phone: +49 (0) 951 863 3511 E-mail: <u>fdz@lifbi.de</u> Contact to the Internal Data Protection Officer:

LlfBi – Leibniz Institute for Educational Trajectories Brigitte Bogensperger Wilhelmsplatz 3 96047 Bamberg Germany

Phone: +49 (0) 951 863 3418 E-mail: <u>betrieblicher-datenschutz@lifbi.de</u>