

LIFOS

Local Infrastructure for Open Science

FB 05 | Psychological methods with interdisciplinary focus

Martin Schultze, Kai Nehler, Julia Beitner, Tatiana Kvetnaya



Willkommen bei LIFOS!

Lokale Infrastruktur für Open Science (*LIFOS*) bietet eine Übungsmöglichkeit für den Umgang mit modernen Anforderungen im Rahmen der Open Science Bewegung für Studierende der Goethe Universität Frankfurt. Der Einsatz ist ausschließlich im Rahmen von Lehrveranstaltungen gestattet. Informationen zur Verwendung von LIFOS finden Sie hier in unseren [Tutorials](#). Bitte schauen Sie zuerst dort, bevor Sie Projekte erstellen. Bei Fragen können Sie [uns gerne kontaktieren!](#)

Der Log-In funktioniert ausschließlich mit Ihrem HRZ-Account über den unten angezeigten Button. Dabei wird bei erstmaliger Verwendung automatisch ein Account kreiert. Mit ihrem Log-In bestätigen Sie die [Datenschutzerklärung](#) und die [Nutzungsbedingungen](#). In den Bestimmungen ist insbesondere festgehalten, dass ich keine fremden Inhalte auf anderen Plattformen weiter verbreite und selbst für meine hochgeladenen Inhalte verantwortlich bin. Nur anonymisierte Datensätze dürfen der Instanz zur Verfügung gestellt werden. Auch wird in den Richtlinien festgehalten, dass durch Löschung des Accounts jederzeit die Zustimmung aufgehoben werden kann. Da Projekte in GitLab jedoch Gruppen zugehören, geht nicht die Löschung aller Dateien damit einher. Auch die Aufzeichnung des Usernames in der History eines Projekts bleibt erhalten.

By signing in you accept the [Terms of Use and acknowledge the Privacy Policy and Cookie Policy](#).

Sign in with

HRZ Login

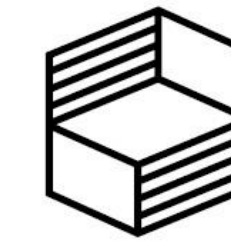
☐ Remember me



Open Science Framework

DigiTeLL

Digital Teaching and Learning Lab



Stiftung
Innovation in der
Hochschullehre



OSFHOME

My Projects Search Support Donate Julia Beitner

Get your guidance going: Investigating t... Files Wiki Analytics Registrations Contributors Add-ons Settings

0.0B Make Private Public 0 ...

Get your guidance going: Investigating the activation of spatial priors for efficient search in virtual reality

Contributors: [Julia Beitner](#), [Jason Helbing](#), [Dejan Draschkow](#), [Melissa L.-H. Vo](#)
Date created: 2019-11-18 02:31 PM | Last Updated: 2022-07-22 08:08 PM
[Create DOI](#)
Category: Project
Description:
Repository for preregistration, data, and R analysis script of the project "Get Your Guidance Going: Investigating the Activation of Spatial Priors for Efficient Search in Virtual Reality". <https://doi.org/10.3390/brainsci11010044>
License: *CC-BY Attribution 4.0 International*

Wiki

Add important information, links, or images here to describe your project.

Files

Click on a storage provider or drag and drop to upload

Filter

i

Name	Modified
OSF Storage (Germany - Frankfurt)	
Data files	
OSF Storage (Germany - Frankfurt)	
dataframe_search_Beitner_etal_2021.RData	2020-11-03 08:56 PM
dataframe_SIE_Beitner_etal_2021.RData	2020-11-03 08:56 PM
Analysis file	
OSF Storage (Germany - Frankfurt)	
analysis_script_Beitner_etal_2021.r	2021-01-19 12:10 PM
Additional information	
OSF Storage (Germany - Frankfurt)	
brainsci-11-00044-v4.pdf	2021-01-19 12:21 PM

Citation

Components

Add Component Link Projects

Data files

Beitner

Two .RData files that contain the preprocessed data of the project "Get your guidance going: Investigating the activation of spatial priors for effici...

Analysis file

Beitner

.R script to analyze the preprocessed data of the project "Get your guidance going: Investigating the activation of spatial priors for efficient search...

Additional information

Beitner

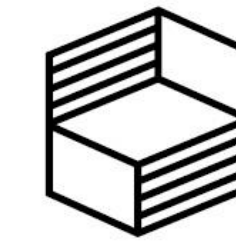
Here you can find a video of the conditions, the article, and a README file.

Tags

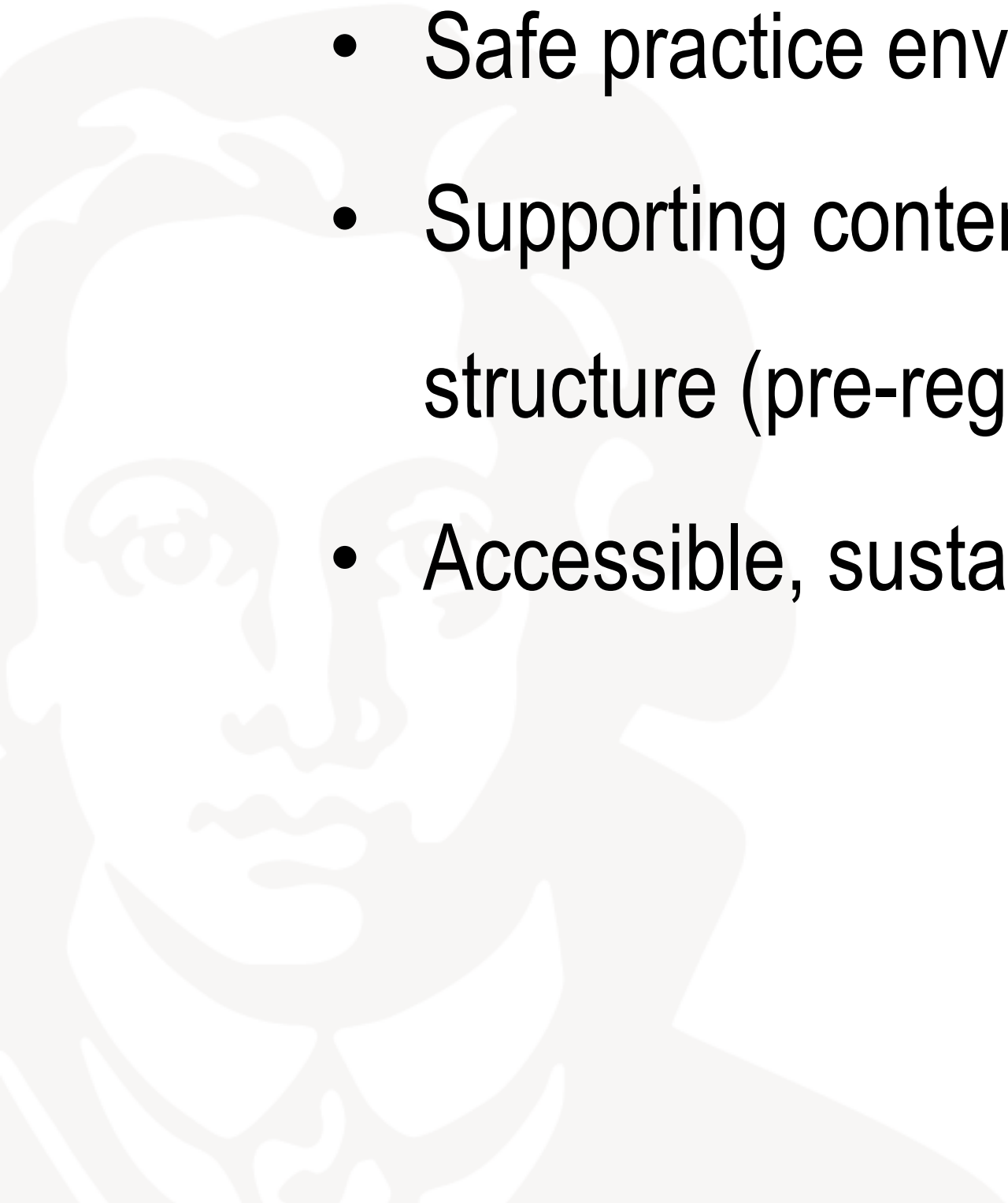
incidental memory x repeated search x virtual reality x visual search x Add a tag

<https://osf.io>

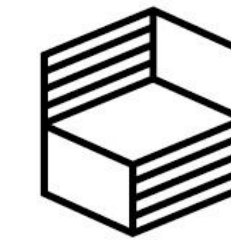
What is LIFOS?



- University-internal practice platform based on GitLab
- Practicing and implementing open research practices in your own student research projects
- Safe practice environment - Open within the university, closed to the public
- Supporting content, such as templates for different study types that directly provide a repository structure (pre-registration, data, code, materials, final report)
- Accessible, sustainable archive for students' studies and theses



What do we offer?

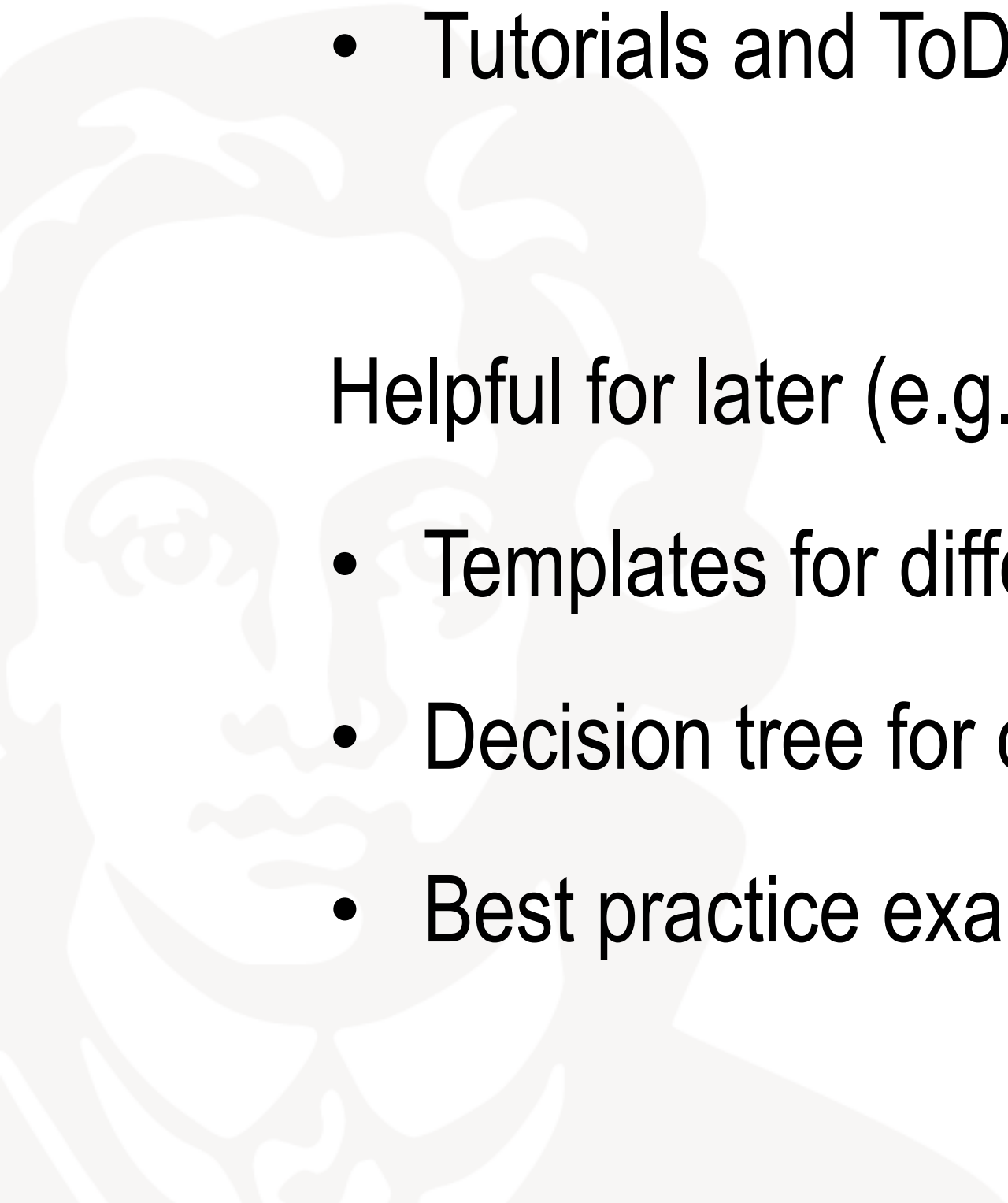


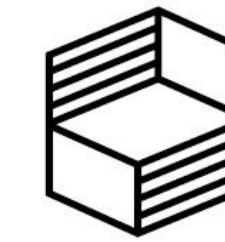
Helpful for now:

- Tutorials on pandar <https://pandar.netlify.app/lifos/>
- Tutorials and ToDo-List in every README

Helpful for later (e.g., for your thesis):

- Templates for different types of student research projects
- Decision tree for choosing the right template
- Best practice example (Master thesis)





Willkommen bei LIFOS!

Lokale Infrastruktur für Open Science (*LIFOS*) bietet eine Übungsmöglichkeit für den Umgang mit modernen Anforderungen im Rahmen der Open Science Bewegung für Studierende der Goethe Universität Frankfurt. Der Einsatz ist ausschließlich im Rahmen von Lehrveranstaltungen gestattet. Informationen zur Verwendung von LIFOS finden Sie hier in unseren [Tutorials](#). Bitte schauen Sie zuerst dort, bevor Sie Projekte erstellen. Bei Fragen können Sie [uns gerne kontaktieren](#)!

Der Log-In funktioniert ausschließlich mit Ihrem HRZ-Account über den unten angezeigten Button. Dabei wird bei erstmaliger Verwendung automatisch ein Account kreiert. Mit ihrem Log-In bestätigen Sie die [Datenschutzerklärung](#) und die [Nutzungsbedingungen](#). In den Bestimmungen ist insbesondere festgehalten, dass ich keine fremden Inhalte auf anderen Plattformen weiter verbreite und selbst für meine hochgeladenen Inhalte verantwortlich bin. Nur anonymisierte Datensätze dürfen der Instanz zur Verfügung gestellt werden. Auch wird in den Richtlinien festgehalten, dass durch Löschung des Accounts jederzeit die Zustimmung aufgehoben werden kann. Da Projekte in GitLab jedoch Gruppen zugehören, geht nicht die Löschung aller Dateien damit einher. Auch die Aufzeichnung des Usernames in der History eines Projekts bleibt erhalten.

By signing in you accept the [Terms of Use and acknowledge the Privacy Policy and Cookie Policy](#).

Sign in with

HRZ Login

☐ Remember me

Folder structure is provided
for an easy start

The screenshot shows a GitLab project page for 'PsyBSc10 ExPra Template'. The project ID is 100. It has 31 commits, 1 branch, 0 tags, and 250 KB of project storage. The project description is 'Write here: Your Names – Course – Semester' and 'For example: Ant Andy, Bear Bertie, Chameleon Claire - ExPra - WiSe 2023/24'. The project is owned by 'BSc' and has a 'Leave project' link. The project is updated by 'Tatiana Kvetnaya' 2 hours ago. The project has a 'main' branch and a 'psysc10-expra-template' directory. The project has a 'README' file and buttons for 'Add LICENSE', 'Add CHANGELOG', 'Add CONTRIBUTING', and 'Configure Integrations'. The project has a table of files and folders with columns 'Name', 'Last commit', and 'Last update'. The table lists the following files and folders:

Name	Last commit	Last update
1_Preregistration	Update 1_Preregistration/AsPredicted_pr...	10 months ago
2_Materials	Add new directory	7 months ago
3_Scripts	Include Materials folder	7 months ago
4_Data	Include Materials folder	7 months ago
5_Manuscript	Include Materials folder	7 months ago
README.md	Update README.md	2 hours ago

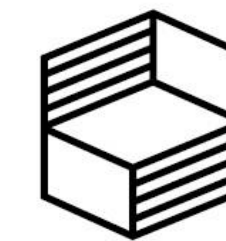
The project has a 'README.md' file. The README content is:

Template - PsyBSc10 - ExPra

Use this template in the PsyBSc10 "Empirisch-experimentelles Praktikum" (ExPra) to create a folder for your small-group project. This folder contains the standard subfolders (i.e., preregistration, materials, scripts, data, manuscript) including the AsPredicted preregistration file.

Project structure

- 1_Preregistration
- 2_Materials
- 3_Scripts
- 4_Data
- 5_Manuscript
- README.md



README.md

README – Best practice example

What can you find here?

This project is considered to be a best practice example, meaning that you can get idea here of how your final project may look. It contains the actual master thesis *Development and Initial Validation of an Altruistic Behavior Scale using Ant Colony Optimization* and all its related materials, conducted by Lucie Binder in the General Psychology II Lab under supervision by Sabine Windmann and Martin Schultze in 2019.

There are four subfolders located in this project: **1_Preregistration**, **2_Scripts**, **3_Data**, **4_Manuscript**. These are the typical subfolders that you may also probably need. If you have more you would like to include in your project (e.g., stimulus material), it is perfectly fine to change the folder structure and include another folder. There is no right or wrong. Most importantly, it should be organized in such a way, that readers not familiar with your project know where to find what.

We hope this best practice example helps you in structuring, filling and organizing your own project! Next, we will explain each folder and lastly, how you can reproduce the analyses.

Project folders

Folder 1_Preregistration

Here you'll find the preregistration form regarding study 2 as a .pdf file. This project used the AsPredicted form, which you can also find in the AsPredicted-Template. It contains questions such as "Have any data been collected for this study already?" or "What's the main question being asked or hypothesis being tested in this study?". In this specific case, how good the general applicability of the Frankfurt Altruistic Behavior Scale (FABS) is.

Folder 2_Scripts

This folder contains two R-Scripts, both of which have been used in this study. `code1.R` contains the analyses of study 1, while `code2.R` contains the analyses for study 2. Sometimes it is clearer to have several scripts, as in this case.

Folder 3_data

In this folder you can see the data, which has been collected and used in this study. There are two subfolders, that is, **Data Study 1** and **Data Study 2**. Both folders have the same structure and contain three .csv files (`alldata.csv`, `codebook.csv`, and `dataset.csv`).

Folder 4_Manuscript

This folder simply contains the final master thesis as a .pdf file.

Reproducibility of the analysis

To run the analysis on your laptop or PC, execute the following steps:

- Download all files from folders **2_Scripts** and **3_Data**
- Organize the files in the same folder structure as in the project presented here
- Change the file path in the `read.csv()` commands
 - Here is how you do it:
 - Before: `codebook <- read.csv("codebook1.csv", sep = ";")`
 - After: `codebook <- read.csv("codebook1.csv", sep = ";")`
 - Tip: To find your file path, click right on the file, copy file path, and just insert is as shown above. MacOS users click right and press alt, to get to the file path.
- And execute!

Best practice example of a master thesis

Best Practice Example - Correlative and Descriptive Studies

Project ID: 12

23 Commits 1 Branch 0 Tags 1.9 MB Project Storage

This project is a best practice example. It contains the actual master thesis "Development and Initial Validation of an Altruistic Behavior Scale using Ant Colony Optimization" and all its related materials, conducted by Lucie Binder in the General Psychology II Lab under supervision by Sabine Windmann and Martin Schultze in 2019.

Update README.md
ContentAdmin authored 3 months ago

main best-practice-example / + Find file

README Add LICENSE Add CHANGELOG Add CONTRIBUTING Configure Integrations

Name	Last commit	Last update
1_Preregistration	Move preregistration to folder 1_Preregistr...	8 months ago
2_Scripts	Upload New File	8 months ago
3_Data	Upload codebook of study 2	8 months ago
4_Manuscript	Upload Masterthesis	8 months ago
README.md	Update README.md	3 months ago

Projekte Lehre LIFOS Extras

https://pandar.netlify.app

LIFOS
Lokale Infrastruktur für Open
Science

Stiftung
Innovation in der
Hochschullehre

DigiTeLL
Digital Teaching and Learning Lab

Auf dieser Seite finden sich alle unterstützenden Infos zur Nutzung der Plattform LIFOS, die im Rahmen des Projekts "Lokale Infrastruktur für Open Science" entstanden ist. Das Projekt wurde ermöglicht durch die Stiftung Innovation in der Hochschullehre und das Projekt DigiTeLL.

Grundlagen

In diesem Abschnitt befindet sich alles wichtige, um das erste eigene Projekt anzulegen. Von einer grundauf Erklärung von LIFOS über die Auswahl des richtigen Templates für euch, als auch zuletzt das tatsächliche Anlegen eures Projekts.

1 Was ist LIFOS?

DE EN

2 Das passende Template finden

DE EN

3 Das eigene Projekt

DE EN

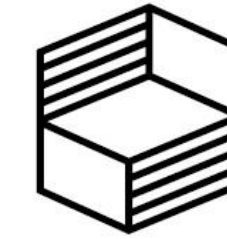
4 Informationen für Betreuende

DE EN

Tutorials on pandar in German and English

-
- The diagram shows a horizontal line representing the 'main' thread, with four light blue circular nodes. Below this line, two curved lines branch out from the first and fourth nodes, each leading to a horizontal line with three green circular nodes. This represents the main thread spawning two child threads.

What do we expect?

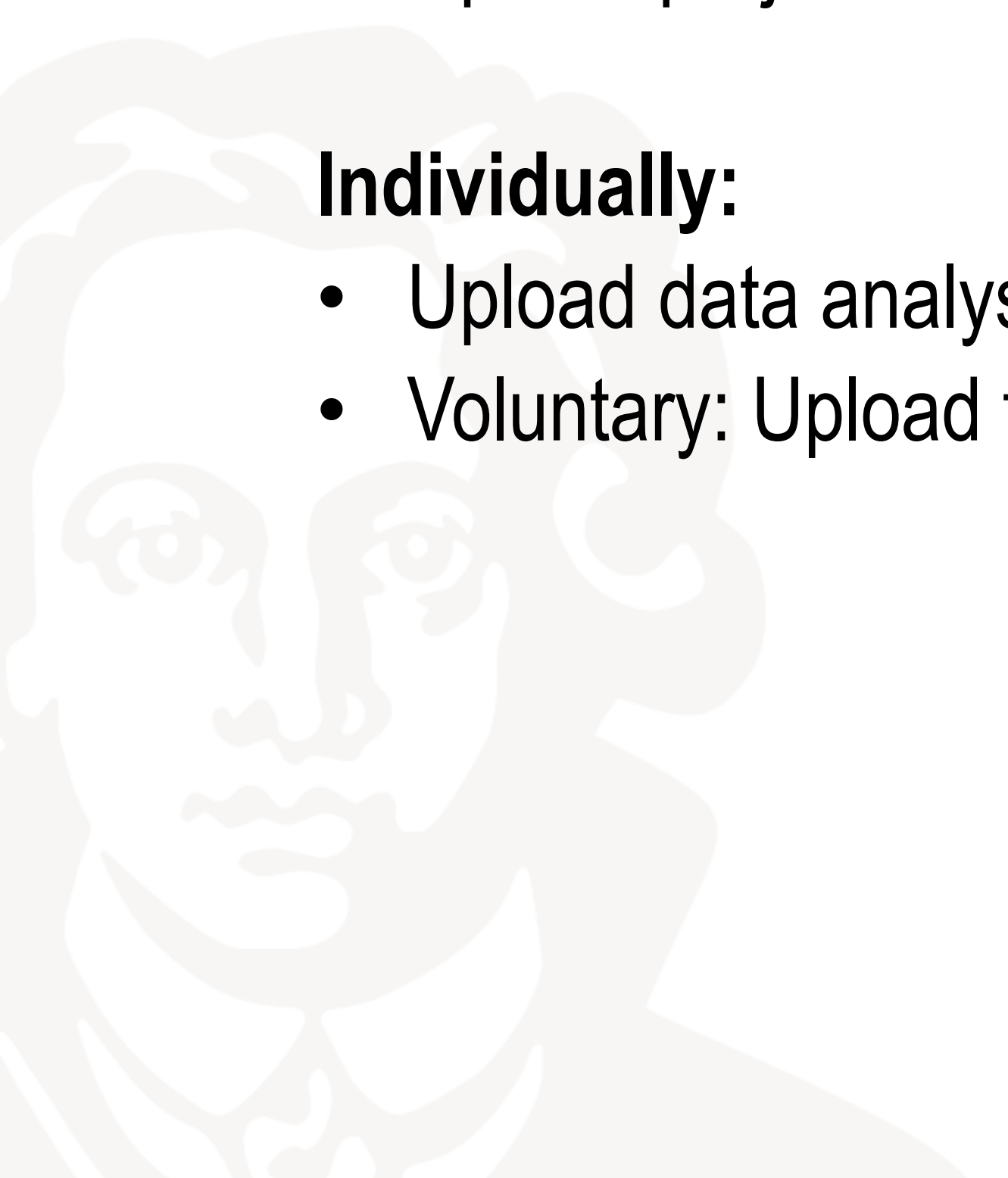


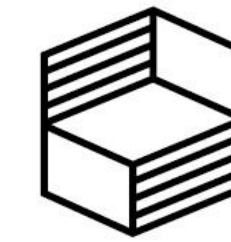
As a group:

- Create a project
- Preregistration
- Upload project data

Individually:

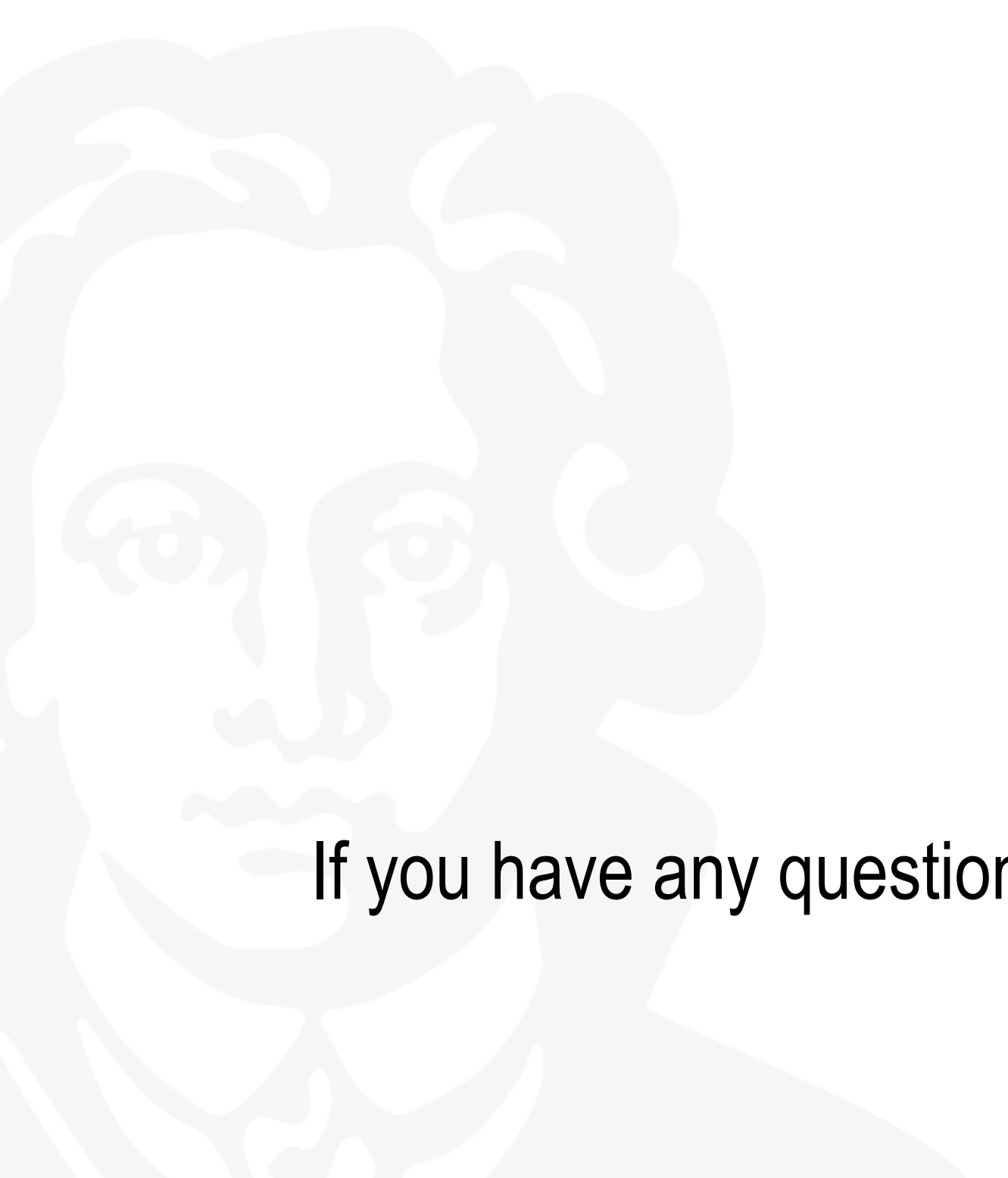
- Upload data analysis script
- Voluntary: Upload final project report (anonymized, if you wish)



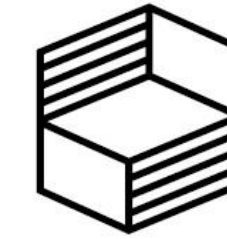


Thank you for your attention! 😊
Questions so far?

If you have any questions about LIFOS, feel free to contact Tatiana Kvetnaya kvetnaya@psych.uni-frankfurt.de
or LIFOS@uni-frankfurt.de at any time.



What happens now?



- Create an account on LIFOS by logging in with your HRZ account data
 - Join your ExPra group
 - Create a project for your small group / project team (one person per team)
-
- And then you are all set to use LIFOS, so let's go! 😊
 - <https://lifos.uni-frankfurt.de>

