6th EIFL Open Science Trainers Meet-up
September 18, 2024

Doing Open Science in Resource-Limited Research Settings

insights & tools from two projects in Serbia

by: Aleksandra Lazić

About me

- PhD Candidate in Psychology & Research Assistant at the LIRA Lab (University of Belgrade, Faculty of Philosophy)
- Actively engaging in Open Science practices since 2019 (e.g., sharing of analysis code, datasets, and research materials; pre-prints; pre-registration)
- Participated in various Open Science projects/initiatives

  since 2020: Co-founder & manager of REPOPSI

  since 2021: Contributor to FORRT projects

  2022-2023: Leader of an EOSC Future/RDA project

  since 2023: Executive Committee Member at ABRIR

  since 2023: Core Team Member at OSCS

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01

REPOPSI project

Researchers at the LIRA Lab faced challenges when it came to sharing & re-using psychological instruments...

No centralized repository of instruments translations/adaptations
(usually from English into Serbian)...

...which led to overlapping translation/adaptation efforts

Limited opportunities to ensure the visibility of original instruments developed by local researchers

What are psychological instruments?

Various scales, tests, questionnaires,... used in psychological research and assessment, typically to measure characteristics of individuals (e.g., personality, attitudes, beliefs, behaviors).

That is why, in 2020, we established REPOPSI – a repository for Open Access psychological instruments in Serbian

The instruments are deposited on the OSF: osf.io/5zb8p

Everyone can access and use the instruments under the CC BY-NC-SA 4.0 licence

Everyone can contribute new instruments

Currently contains 233 instrument records; 121 are available in both Serbian and English

Applications in research (including Big-Team Science projects) and teaching

What is Open Science Framework (OSF)?

A free, open-source web application of the nonprofit Center for Open Science, used for project management and collaboration.

16.5MB Public 3

Repository of psychological instruments in Serbian [Repozitorijum psiholoških instrumenata na srpskom jeziku] (REPOPSI)

Contributors: LIRA Lab
Date created: 2019-10-04 06:42 PM | Last Updated: 2024-05-20 03:42 AM
Identifier: DOI 10.17605/OSF.IO/5ZB8P
Category: Project
Description: *REPOPSI is a collection of Open-Access psychological measures, scales, tests, and other research instruments in Serbian. REPOPSI is maintained by researchers at the Laboratory for Research of Individual Differences (LIRA) at the Faculty of Philosophy, University of Belgrade. REPOPSI contains 233 records; 121 instruments are available in both Serbian and English (last update May 19, 2024). REPOPSI now has a website! Please go to https://www.repopsi.f.bg.ac.rs/en*

REPOPSI je kolekcija otvorenih psiholoških mera, skala, testova i drugih istraživačkih instrumenata na srpskom jeziku. REPOPSI održavaju ist... g fakulteta Univerziteta u Beogradu. REPOPSI sadrži 233 zapisa; 121 instrument je dostupan i na srpskom i na engleskom (zanovljeno 19. maja 2024). R...
License: *Other*

Can be a model for smaller-scale open repositories of existing research data

REPOPSI inspired the creation of RepoPsySKo, a repository for psychological instruments in the Slovak language!

Highlights the importance of open and free research infrastructures (such as the OSF) for resource-limited communities

Wiki

For more information, please visit www.repopsi.f.bg.ac.rs [Za više informacija, molimo Vas posetite www.repopsi.f.bg.ac.rs]

REPOPSI was launched on March 6, 2020 to provide a repository for open-access psychological measures, scales, tests, and other research instruments in Serbian. REPOPSI is maintained by researchers at the Laboratory for Research of Individual Differences (LIRA) at the Facul...

Read More

Files

Citation

Components

HEXAC...
LIRA Lab

Ration...
LIRA Lab

Ration...
LIRA Lab

Multidimensional Assessment of Interoceptive Awareness - MAIA |

In 2022, we received the first funds for REPOPSI development... How did we do it?

We applied to one of the Open Calls funded by EOSC Future and managed by RDA

Project title: TRUST-ification and FAIR-ification of an open repository for research instruments in psychology: REPOPSI's adoption of RDA outputs

Grant amount: 50,000 EUR

Duration: October 2022–July 2023

What did we do with the money?

Increased User focus

- a more user-friendly website: www.repopsi.f.bg.ac.rs/en/
- an interactive search application (Open Source)
- an online form for new contributions

HOME SEARCH REPOPSI CONTRIBUTE TO REPOPSI USEFUL RESOURCES OUR TEAM SR

REPOPSI

Repository of Psychological Instruments in Serbian

6th EIFL Open Science Trainers Meet-up | Aleksandra Lazić

REPOPSI: Repository of Psychological Instruments in Serbian

Enter search term(s) in English:

personality

Use this application to easily browse and access the instruments available in REPOPSI.

Enter a search term (e.g. personality) or multiple search terms (e.g. personality self report) in English to get a table of instruments matching those terms. If using author names, include all variations (e.g. Knežević / Knezevic) in separate searches.

Please close the app window when you are done. Thank you!

New to REPOPSI? Visit our website to learn more.

Download filtered instrument records:

Get filtered data.XLSX

Download all REPOPSI instrument records:

Get all data.CSV Get all data.XLSX

Please note that you may use the instruments found in REPOPSI without permission for non-commercial clinical, research, and educational purposes provided you cite instrument authors and translators. Learn more about the CC BY-NC-SA 4.0 licence.

If you would like for your instrument or an instrument translation/adaptation to be stored in REPOPSI you may fill in this online contribution form.

Showing 1 to 10 of 68 entries (filtered from 233 total entries)

Show 10 entries

Instrument name and version	Where to find the instrument?	Citation of the original instrument	Citation of the translation/adaptation	Keywords	Contact person
All	All	All	All	All	All
Affective Neuroscience Personality Scales | ANPS	Repository | https://osf.io/bmzj2/ | https://osf.io/gp2z8/	Davis, K. L., & Panksepp, J. (2011). The brain's emotional foundations of human personality and the Affective Neuroscience Personality Scales. Neuroscience & Biobehavioral Reviews, 35(9), 1946-1958.	Montag, Davis, Lazarevic, & Knezevic (2019). A Serbian version of the ANPS and its link to the five-factor model of personality. Open Psychology, 1: 303–316.	personality, affective neuroscience, affective neuroscience theory, subcortical brain emotion systems	Knezevic, Goran; Lazarevic, Ljiljana | gknezevi@f.bg.ac.rs; ljiljana.lazarevic@f.bg.ac.rs
Ambivalent Sexism Inventory | ASI | short form	Repository | https://osf.io/qwzep/	Glick, P., & Fiske, S. T. (1996). The Ambivalent Sexism Inventory: Differentiating hostile and benevolent sexism. Journal of Personality and Social Psychology, 70(3), 491–512.; Rollero, C., Glick, P., & Tartaglia, S. (2014). Psychometric properties of short versions of the ambivalent sexism inventory and ambivalence toward men inventory. TPM - Testing, Psychometrics, Methodology in Applied Psychology, 21(2), 149–159.		ambivalent sexism, hostile sexism, benevolent sexism, short scale	
Amoralism Scale | AMRL9 | 54-item	Repository | https://osf.io/pxmrf/	Knezevic, G. (2003). Koreni amoralnosti. Beograd: Centar za primenjenu psihologiju, IKSI, Institut za psihologiju.		amoralism, moral behavior, dark personality	Knežević, Goran | gknezevi@f.bg.ac.rs

What did we do with the money?

Increased User focus

Increased FAIR-ness (Findability, Accessibility, Interoperability, Reusability)

- e.g. we piloted the application of a controlled metadata vocabulary
- we could afford to have a librarian join our team

What did we do with the money?

Increased User focus

Increased FAIR-ness

Increased the number of records

- we trained master's students to search open doctoral theses

What did we do with the money?

Increased User focus

Increased FAIR-ness

Increased the number of records

Increased visibility

- conferences, webinars, social media…
    - #REPOPSI
    - a recorded webinar in cooperation with the Open Science Community Serbia to share lessons learned and demonstrate new technologies

What did we do with the money?

Increased User focus

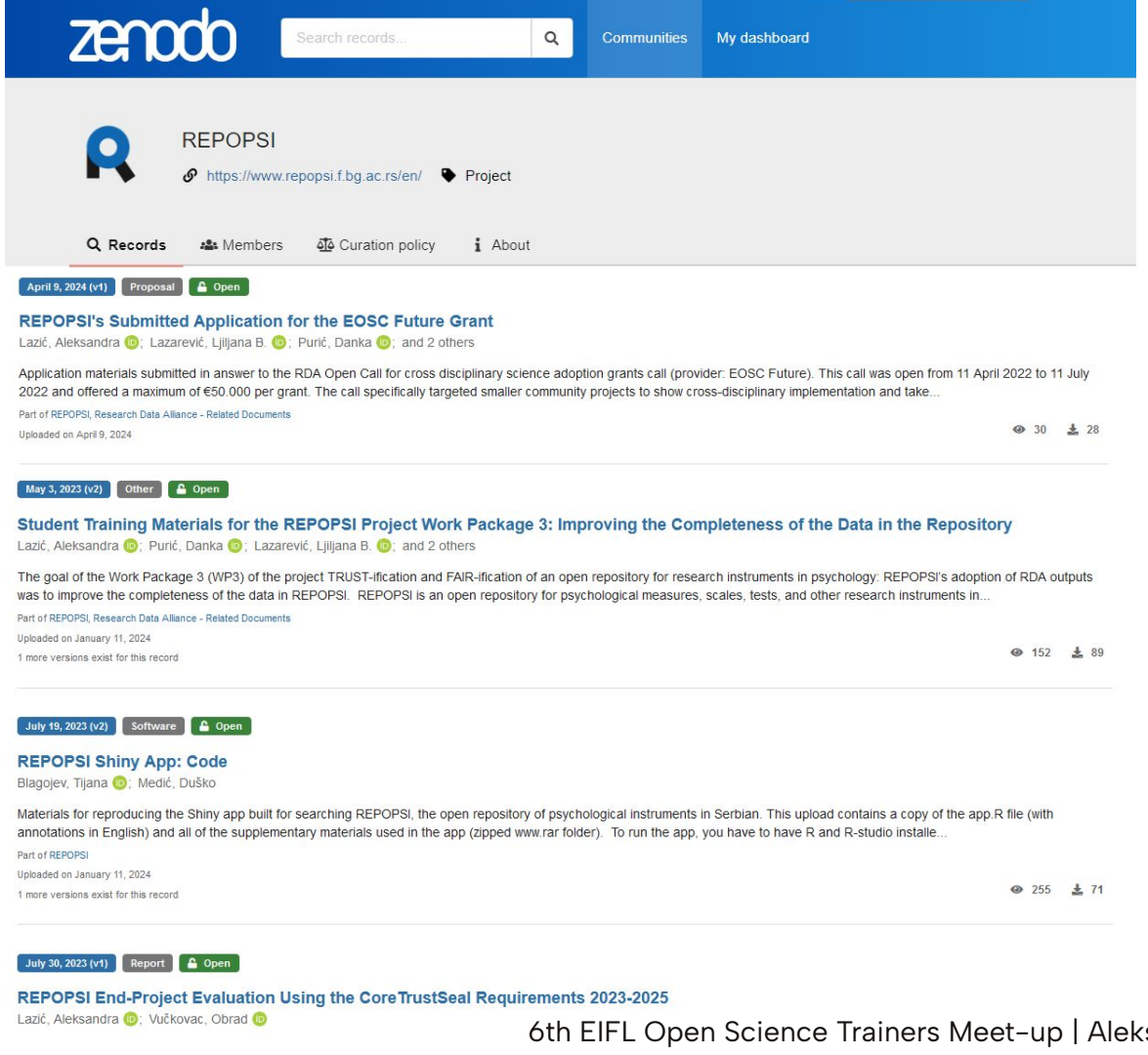
Increased FAIR-ness

Increased the number of records

Increased visibility

Increased sustainability

More at: www.repopsi.f.bg.ac.rs/en/repopsi-project/



Visit the REPOPSI Zenodo community
zenodo.org/communities/repopsi-rda

contains various open project outputs: grant application, reports, self-assessments, code, training materials,...

02

ABRIR project

ABRIR = Advancing Big-team Reproducible Science through Increased Representation

An international consortium of researchers founded in 2022

ABRIR's the long-term mission is to identify the challenges uniquely faced by researchers from **low/middle-income countries** while participating in and leading **Big-Team/Open Science projects** and devise best practices that can be shared within the academic community

abrirpsy.org | X: @ABRIR_Psy | @abrir.bsky.social | YouTube

What is ABRIR's current project about?

Funding: Open Research Funders Group Open Scholarship Seed Awards

Duration: 2024–2025

Grant amount: 4,850 USD

Participants: ABRIR Hubs – Southeast Europe, Southeast Asia, Latin America and Caribbean, Africa

- Through a series of **hackathons with researchers from low-to-middle-income countries** (LMICs), develop a set of guidelines for improving the accessibility and uptake of Open and Big-Team Science
- **Translate Open Science resources** into different languages and develop blueprints for future webinars with early career researchers and those in LMICs
- **Suggestions for Big-Team Science projects** focused on the interests and needs of researchers from countries that have been underrepresented in psychology

In June 2024, we organized a 2-hour Bosnia-Serbia hackathon on Open and Big-Team Science

ABRIR, in collaboration with the Open Science Community Serbia & LIRA Lab (University of Belgrade)

Organized/led by:
Aleksandra Lazić & Alma Jeftić

We discussed ways to make Open/Big-Team Science more accessible/inclusive, the barriers we faced, presented success stories, shared useful resources...

RADNI SASTANAK | HAKATON

Otvorena nauka i Kolaborativna istraživanja

Perspektiva Srbije i BiH

17. jun 2024.

11.00-13.00 (CET) | onlajn

Interesuje vas otvorena i kolaborativna nauka? Želite da ona bude raširenija i dostupnija, ali i ravnopravnija prema istraživačima iz regiona?

Pripremite svoja pitanja i ideje i pridružite nam se na onlajn sastanku!

Da li ste baš Vi pozvani? Dobrodošli su istraživači/ce, studenti/kinje, bibliotekari/ke... svih nivoa predznanja. Samo imajte u vidu da će fokus biti na regionu (posebno Srbiji i BiH) i društvenim naukama (posebno psihologiji).

Zašto da učestvujete? Doprinećete osmišljavanju preporuka za unapređenje nauke. Podelićete svoja iskustva i resurse. Umrežićete se sa kolegama koji žele da sprovode velike projekte.

Još informacija?
Aleksandra Lazić
aleksandra.lazic@f.bg.ac.rs
Alma Jeftić **alje@hum.ku.dk**

Registrujte se ovde!

t.ly/JpOAm

Ovaj događaj ponosno podržavaju:

ABRIR · LIRA · OSCS Open Science Community Serbia Zajednica otvorene nauke Srbije

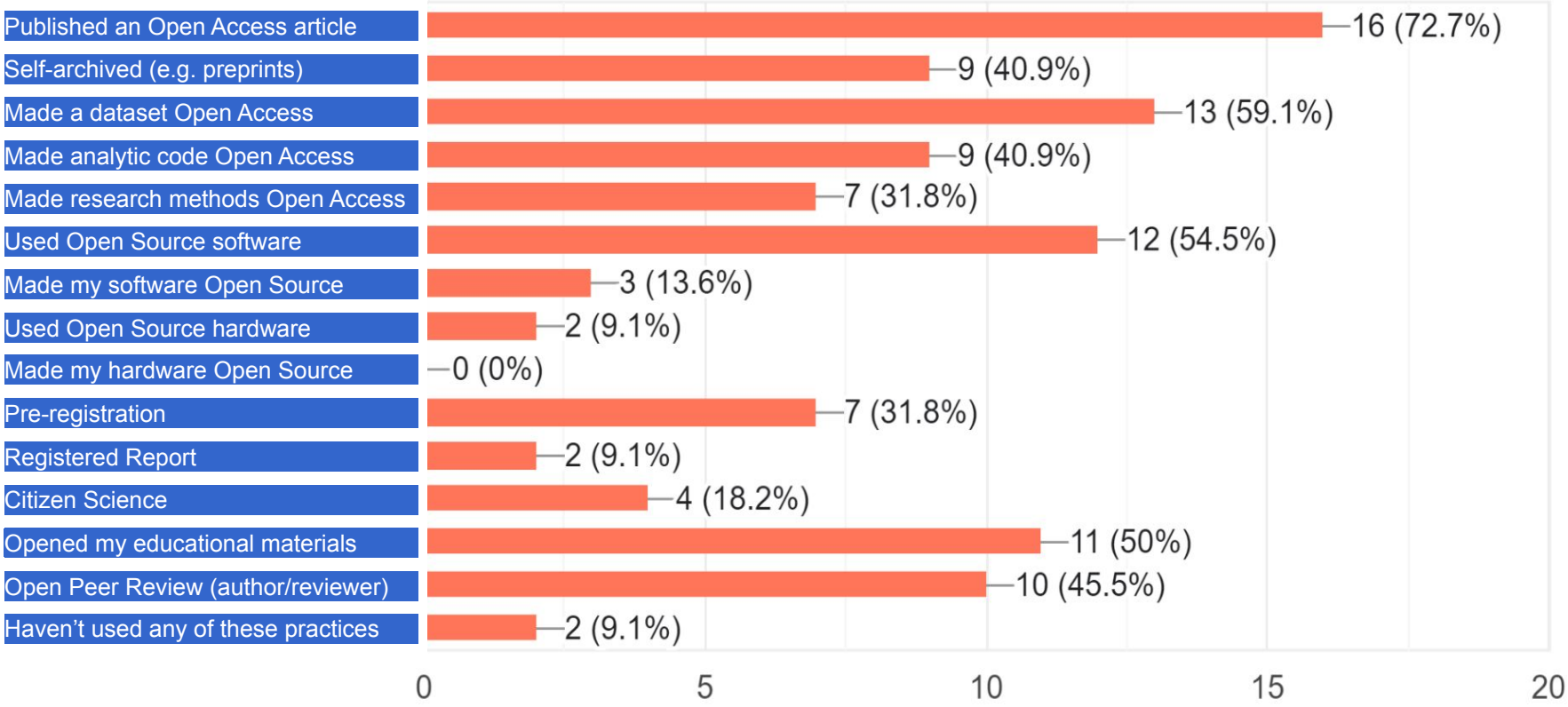
This work has been possible thanks to the support provided by The Open Research Funders Group through the Seed Award Program.

22 hackathon participants completed a short survey on familiarity with and barriers to Open Science

1. How familiar are you with Open Science?

• Not familiar at all (have never heard of OS)	0 (0%)
• Slightly familiar (have only heard of OS)	7 (31.8%)
• Somewhat familiar (have a broad understanding of OS)	7 (31.8%)
• Very familiar (have extensive knowledge on OS)	8 (36.4%)

2a. What Open Science Practices have you engaged in?



3. Select one main reason preventing you or your collaborators from engaging more in Open Science.

Lack of academic reward	6 (27.3%)
Lack of institutional/national policies	5 (22.7%)
Lack of time	4 (18.2%)
Lack of skills/knowledge (training)	3 (13.6%)
Lack of infrastructure	2 (9.1%)
Lack of awareness of the benefits	1 (4.5%)
Lack of money	1 (4.5%)
Language barrier	0 (0%)

During the hackathon, we compiled a list of useful resources related to Open/Big-Team Science

Various communities, projects, events, educational materials, funding opportunities, tools etc.

Most are focused on increasing accessibility and inclusivity, or are somehow connected to the region.

Directly access the resource spreadsheet

Visit the ABRIR Zenodo community for more resources zenodo.org/communities/abrir/

	A	B	C	D	E	F	
1		NAZIV RESURSA | RESOURCE TITLE	AUTORI RESURSA | AUTHORS	JEZIK | LANGUAGE	LINK DO RESURSA | URL	DOMEN | FOCUS	OPIS RESURSA | DESCRIPTION
12	11	PSSOH konferencija (Primena Slobodnog Softvera i Otvorenog Hardvera)		NA	https://pssoh.etf.bg.ac.rs/	Open Science	PSSOH is a conference on application of free soft Belgrade - School of Electrical Engineering). It als invited papers/lectures) and organizes workshop
13	12	Serbia.RDM		srp	https://rdm.open.ac.rs/	Open Science	Serbia.RDM is a webpage created during EOSC C Creating a scalable model for capacity building in management (FAIR principles, data anonimizatio licences, etc.).
14	13	National Open Science Portal in Serbia		srp	https://open.ac.rs/	Open Science	National portal for open science in Serbia that pr principles of open science. It provides educationa national politics, information on infrastructure i.e Open Science Days conference in Belgrade
15	14	Ten ways to find Open Access articles	Lazić, Aleksandra	eng	https://alelazic.blogspot.com/2021/11/ten-ways-to-find-open-access-articles.html	Open Science	A blog describing different ways to find openly ac download without you or your institution having
16	15	Measurement Challenges in Multi-Site Projects: Translation and Adaptation of Psychological Instruments	Purić, Danka; Lazić, Aleksandra	eng	https://osf.io/28hmp/wiki/home/	Big Team Science	A lecture on different approaches to translating a context of international, multi-site projects. Part Representation: A Vision for Inclusive Big-team S
17	16	Roma faces database/Baza fotografija romskih lica	LIRA Lab, Iris Žeželj, Milica Ninković	eng	https://lira.f.bg.ac.rs/roma-faces-database/	Open Science	Contains photographs of individuals of Roma eth Roma are the largest ethnic minority across Euro universally discriminated against (EU minorities a self-report measures, researchers can develop di prejudice. This database is intended to serve as a
18	17	Many Speech Analyses	Stefano Coretta Timo B. Roettger Joseph V. Casillas; (Nikolic Dusan)	eng	https://many-speech-analyses.github.io/#content	Open + Big Team Science	The Many Speech Analyses project gathered spe set in order to answer the same research questio
19	18	OpenAIRE's Open Science Train-the-Trainer resources	OpenAIRE team	eng	https://openplato.eu/course/view.php?id=59&lang=en	Open Science	Training course
20	19	RePol	Vasilije Rajović, Milica Ševkušić, Jovana Vuleta-Radoičić, Branko Marović	eng	https://repol.ni4os.eu/	Open Science	Reusable training materials on Open Science dev
21	20	National Initiatives for Open Science in Europe	Horizon 2020 project	NA	https://ni4os.eu/material/	Open Science	Links to various materials on infrastructures, data them also provided in local languages.

Want to learn more about ABRIR and stay updated on all project activities and outputs?

Follow ABRIR on social media
X: @ABRIR_Psy | Bluesky: @abrir.bsky.social

Join ABRIR newsletter (form on the website)
abrirpsy.org

Join ABRIR Slack (invite link on the website)
abrirpsy.org

Thank you!

Any questions?

@ **AleLazic** on
LinkedIn, X,
Bluesky, Mastodon

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