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Operationalisation of Higher Education Teaching Performance (HETP): recognising and rewarding teaching as a part of science is enabled by Open Scholarship

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Declaration & Research Data

My thesis consists of five scientific c that have already been published:

- (1) Weimer, Verena; Heck, Tamara; van Leeuwen, Thed; Rittberger, Marc (2023): The quantification of open scholarship—a mapping review. In *Quantitative Science Studies*; 4(3): 650-670. license: CC BY 4.0. doi: https://doi.org/10.1162/qss_a_00266
- (2) Weimer, Verena; Kullmann, Sylvia (2023): Teaching as part of open scholarship – Scientometric indicators for open educational resources. In *Proceedings of ISSI 2023 – the 19th International Conference of the International Society for Scientometrics and Informetrics*, 1, 667–683. license: CC BY 4.0. doi: <https://doi.org/10.5281/zenodo.8246995>
- (3) Weimer, Verena; Kullmann, Sylvia (2024): Teaching as part of open scholarship – Developing a scientometric framework for open educational resources. In *Scientometrics*. license: CC BY 4.0. doi: <https://doi.org/10.1007/s11192-024-05007-1>
- (4) Weimer, Verena; Alt, Rebecca; Hiebl, Johannes (2024): Wissenschaftswettbewerb = Wettbewerb in Forschung und Lehre? In: Webler, Wolff-Dietrich (Editor): Überzogener und überhitzter Wettbewerb in der Wissenschaft (Band II). Herausforderungen bei der Ausgestaltung von Wettbewerb – Theoretische und analytische Perspektiven. Reihe Hochschulwesen: Wissenschaft und Praxis. CC BY SA 4.0. doi: 10.53183/9783946017394. URL: <https://www.universitaetsverlagwebler.de/webler-2024b>
- (5) Weimer, Verena; Kullmann, Sylvia (2025): *OER Statistics Framework: Recognizing and rewarding Open Educational Resources in Academic Evaluation, Information. Wissenschaft & Praxis*; doi: <https://doi.org/10.1515/iwp-2025-2051>

The first three publications are empirical and are accompanied by published research data.

Publications (4) and (5) are theoretical in nature and therefore have no research data.

- **research data (1):** Weimer, Verena; Heck, Tamara; van Leeuwen, Thed; Rittberger, Marc (2023): The quantification of open scholarship - A mapping review [Data set]. Zenodo. Doi: <https://doi.org/10.5281/zenodo.8128130>
- **research data (2)** are anonymized and prepared for transfer to the *Research Data Centre for Higher Education Research and Science Studies* (FDZ-DZHW). The handover is expected to take place under the DAP-id oerindicator. The research data can be requested from me until then.

The personal research data from the study are stored in the DIPF data archive under the project name 'OER Statistics' and will be kept there for 10 years in line with the Code of Conduct for Safeguarding Good Research Practice of the German Research Foundation⁵. This data includes the audio files of the interview recordings, the interview participants' declarations of consent, the confidentiality declarations of the project participants and the vote of the DIPF Ethics Committee.

⁵ Guidelines for Safeguarding Good Research Practice. Code of Conduct: <https://doi.org/10.5281/zenodo.6472827> [retrieved: 01/12/2025]

- **research data (3):** Weimer, Verena; Kullmann, Sylvia (2023): Replication Data for "Teaching as part of Open Scholarship", DANS Data Station Social Sciences and Humanities, V1.
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The personal research data from the study are stored in the DIPF data archive under the project name 'OER Statistics' and will be kept there for 10 years in line with the Code of Conduct for Safeguarding Good Research Practice of the German Research Foundation. This data includes the audio files of the interview recordings, the interview participants' declarations of consent, the confidentiality declarations of the project participants, the vote of the DIPF Ethics Committee and the documentation of the consent of the participants who agreed to be named in the acknowledgements.

Curriculum Vitae

Verena Weimer was born in Karlsruhe, Germany, in 1991 and grew up in Dortmund. She attended school there from 1998 to 2011, graduating with her Abitur (Max Planck Gymnasium). From 2012 to 2015, Verena pursued a Bachelor's degree in *Pedagogy: Development and Inclusion* at the University of Siegen, graduating with distinction (final grade: 1.6). She went on to complete a Master's degree in *Gender Studies* at Humboldt University of Berlin between 2016 and 2018, achieving an excellent final grade of 1.1.

Since 2019, Verena has been a research assistant at the DIPF | Leibniz Institute for Research and Information in Education in Frankfurt am Main. Her work is situated at the intersection of educational science, information management, and scientometrics, with a particular focus on Open Science (OS) and Open Educational Resources (OER). Currently, she is jointly responsible for two projects: one investigating the impact of Open Science, and another dedicated to generating open citation data in the field of educational research.

In addition to her research activities, Verena has been teaching at Darmstadt University of Applied Sciences since 2021, where she offers the seminar *Introduction to Scientometrics* within the Information Science program.

In 2022, she began her doctoral studies as an external PhD candidate at the Centre for Science and Technology Studies (CWTS) at Leiden University, the Netherlands. Her dissertation is supervised by Prof. Dr. Thed van Leeuwen, Prof. Dr. Marc Rittberger, and Dr. Tamara Heck. During her PhD studies, she completed numerous further education courses as part of the training programme. These included a research integrity course at Leiden University and a university teaching certificate course at Goethe University in Frankfurt am Main.

Verena has also gained valuable international experience throughout her academic journey. In addition to her doctoral work in the Netherlands, she spent a semester abroad at UNICAMP in Campinas, Brazil, during her undergraduate studies, and completed a research stay at the Georgia Institute of Technology in Atlanta, USA.

Acknowledgments

This compilation not only summarises a cumulative doctoral thesis consisting of five treatises but also draws a line under several years of designing and implementing research. Under big visions and ideas. Under a lot of disillusionment. Under dreams and hopes, worries and fears.

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