



# Einführung in die Forschungsmethoden der Psychologie

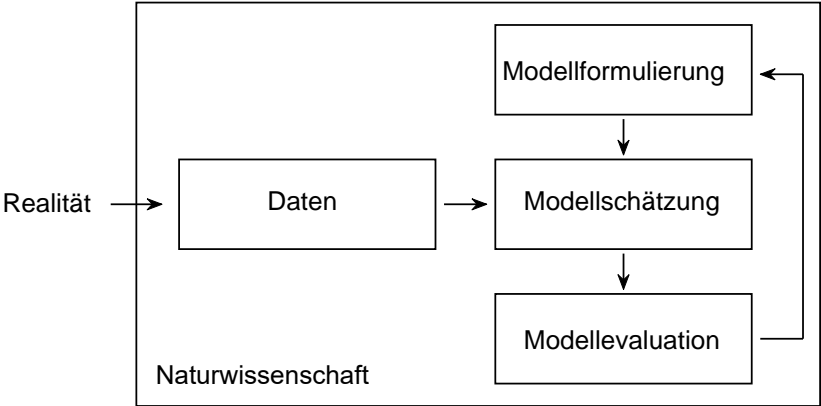
BSc Philosophie-Neurowissenschaften-Kognition WiSe 23/24

BSc Psychologie WiSe 23/24

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## (12) Modell-basierter Realismus

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“In summary, a model-based realist perspective on measurement at the same time maintains something of each of the previous positions but rejects their most radical aspects:

- It accepts from realism the position that some properties do exist in the world, and are not just human constructs, but rejects the metaphysical claim that values of properties exist independently of our models.
- It accepts from non-realist empiricism (positivism, operationalism, representationalism) that empirical data can provide the evidential foundation for knowledge, but rejects the foundationalist claim that generic observation can have such a role, which is instead vested only in the empirical component of measurement systems, which are specifically designed for this purpose; moreover, it accepts that such evidence is always revisable.
- It accepts from pragmatism (and relativism) that measurement is a designed-on-purpose process and that models in measurement are unavoidable, but rejects the possible conclusion that “anything goes” and that the quality of measurement results can be evaluated only a posteriori, in terms of the effectiveness of their application.”

Aus Mari, Wilson, and Maul (2021), *Measurement across the Sciences*, Kapitel 4

Siehe auch Tal (2020) und *Measurement at the Crossroads 2020 - 2022: Measuring and Modeling*

To be continued...

- Mari, Luca, Mark Wilson, and Andrew Maul. 2021. *Measurement Across the Sciences: Developing a Shared Concept System for Measurement*. Springer Series in Measurement Science and Technology. Cham: Springer International Publishing. <https://doi.org/10.1007/978-3-030-65558-7>.
- Tal, Eran. 2020. "Measurement in Science." In *The Stanford Encyclopedia of Philosophy*, edited by Edward N. Zalta, Fall 2020. Metaphysics Research Lab, Stanford University.