

Typisierung von Radfahrenden in Wuppertal - Weiterentwicklung existierender Typologien auf Basis einer empirischen Datenerhebung

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Abstract

This study deals with typologies of cyclists and their applicability to the study area of Wuppertal. The used method here is developed by Dill and McNeil to typify into the „four types of cyclists“, developed by Roger Geller. For this purpose, an online survey was created and conducted from August 28, 2025, to September 26, 2025. After a brief overview of various models and typology variants, the specific context of Wuppertal is explained. The data analysis then proceeds in several steps. First step is a general analysis of the data. In the next step, Dill and McNeil's method is used to typify the survey participants. The results show a somewhat similar distribution, although the use of a non-random sample means the outcome does not adequately reflect the population of Wuppertal. The analysis reveals, that the resulting types are not homogenous and that the descriptions of these types do not always match with the results. For this reason, the further development of the typology, originally planned for the last step, will not be carried out. Instead, the data will be examined by using cross-tests and chi-square analyses to identify potential correlations regarding topography, the electrification of cycling, and frequency of use. Due to the small sample size, conducting these tests is not feasible in some areas. However, a few correlations can be established, e.g. between the perceived gradient and hypothetical frequency adjustment. The results should serve as a basis for further research in this field.