## Design Principles for Civic Statistics Education and Teaching Resources

Susanne Podworny (Paderborn University, Germany) & Daniel Frischemeier (University of Münster, Germany)

There is a need for citizens to understand data-based conclusions in the context of Civic Statistics. Especially considering the teaching and learning of Civic Statistics there are specific challenges related to the preparation of teachers and the design of learning trajectories and educational material. In the talk, we will point out design principles for teaching Civic Statistics, provide suggestions for organizing a whole course and present chosen individual Civic Statistics activities. At the beginning of a course on Civic Statistics, the participants can be confronted with a first example of Civic Statistics and then, as though taking a step back, the participants' statistical knowledge can be refreshed in several sessions in order to carry out further Civic Statistics activities. A structure for single Civic Statistics activities is presented on the one hand to introduce a design for implementing Civic Statistics content in classes following the principles of the Statistical Reasoning Learning Environment, and on the other for understanding the example lesson plans as teaching resources that can be found at CivicStatMap. In addition to that, we provide examples of Civic Statistics activities resources. Teaching a course on Civic Statistics offers great potential for linking statistics contents with real and multivariate data in a wide range of academic disciplines.

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