

Simple-R — A Windows-based interface to R for basic statistics

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This paper will present Simple-R, a Windows-based interface to R intended for basic statistical analysis. The program is written in Visual Basic and intends to significantly lower the entry barrier to R for students and faculty members occasionally using statistical analysis methods. The program is not intended for experts and gives direct access only to a very limited set of R-functionality. The program offers, however, transition paths to the full set of R capabilities.

The presentation will give an overview of the philosophy behind Simple-R and will demonstrate the core features and capabilities of the program (in its current state of development). Strengths and weaknesses of the approach and possible further development steps will be discussed. Also, the results of an empirical investigation will be presented that tests, whether the Windows look and feel really can lower the entry barriers for novice users.