

**PRESENTATION OF STATISTICAL CONCEPTS WITH DYNAMIC GRAPHICS AND SIMULATIONS IN R**

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Understanding statistical concepts is important for proper use of statistics. The idea of using simulations and dynamic graphics to foster understanding of statistical concepts is not new. In recent years, R became the lingua franca for statistical data analysis. While R graphical devices are not meant for display of animated graphics, my aim is to use base R graphics for display of animated graphical sequences. To enable dynamic graphics in R, I developed a package animatoR, which supports smooth transitions of graphical elements and simplifies preparation of animated displays. I will show some animations that can be useful for statistics teaching and present basic features of the animatoR package. The animatoR package is freely available at <https://github.com/ablejec/animatoR>.