

Statistical Animations Using R

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Animated graphs that demonstrate statistical ideas and methods can both attract interest and assist understanding. This paper describes approaches that may be used to create animations, and gives a brief overview to the R package `animation`. It gives examples of the use of animations in teaching statistics and in the presentation of statistical reports. Animations can add insight and interest to traditional static approaches to teaching statistics, making statistics a more interesting and appealing subject.

Keywords: animation, statistical demonstration, simulation, limiting distributions, resampling methods, R

References

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