

Statistics Education on the Sly

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Summary

Full title: "Statistics Education on the Sly: Exploring large scientific data sets as an entrée to statistical ideas in secondary schools"

This paper explores how interest in large data sets about "hot" science topics can motivate exploration of statistical ideas, at an informal if not rigorous technical level, which in turn can lead to a deeper understanding of the science. The role of data visualization and analysis tools to support this learning is also explored.