

Correlation and Linear Regression in an Algebra-Based Statistics Course

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Abstract

College algebra based statistics gives no derivations of the formulas discussed in the course. However, derivations of some of the formulas can be understood by students with a minimum background of college algebra, giving them a deeper understanding and appreciation of the formulas. Such is the case with correlation and linear regression.



Sid Kolpas is finishing his 45th full-time year of teaching. His interests include teacher education, the use of technology in the classroom, mathematics history, mathematically based magic tricks, and antiquarian books.