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Shaughnessy, J. Michael; Chance, Beth

Statistical questions from the classroom.

Reston, VA: National Council of Teachers of Mathematics (NCTM) (ISBN 978-0-87353-582-3). 95 p. (2005).

Publisher's description: This little book presents eleven short discussions of some of the most frequently asked questions about statistics, questions that are consistently raised by statistics students and by classroom teachers alike. Some questions such as "What is the difference between a sample and a sampling distribution?" or "What is a margin of error?" or "What is a p -value?" involve major concepts in statistics. Other questions such as "Why are deviations squared?" or "Why do we divide by $n - 1$ instead of n ?" deal with some of the more technical aspects of the mathematics in statistical theory. The authors offer teachers of statistics some quick insight and support in understanding these issues and explaining these ideas to their own students. Examples and visual representations of the ideas are included.

Classification: K40