



# An Introduction to Categorical Data Analysis

*Alan Agresti*

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## **An Introduction to Categorical Data Analysis** Alan Agresti

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This Second Edition features: \* Two new chapters on the methods for clustered data, with an emphasis on generalized estimating equations (GEE) and random effects models \* A unified perspective based on generalized linear models \* An emphasis on logistic regression modeling \* An appendix that demonstrates the use of SAS(r) for all methods \* An entertaining historical perspective on the development of the methods \* Specialized methods for ordinal data, small samples, multcategory data, and matched pairs \* More than 100 analyses of real data sets and nearly 300 exercises Written in an applied, nontechnical style, the book illustrates methods using a wide variety of real data, including medical clinical trials, drug use by teenagers, basketball shooting, horseshoe crab mating, environmental opinions, correlates of happiness, and much more. An Introduction to Categorical Data Analysis, Second Edition is an invaluable tool for social, behavioral, and biomedical scientists, as well as researchers in public health, marketing, education, biological and agricultural sciences, and industrial quality control.

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