

Makes mathematical and statistical analysis understandable to even the least math-minded biology student

This unique textbook aims to demystify statistical formulae for the average biology student. Written in a lively and engaging style, *Statistics for Terrified Biologists*, Second Edition draws on the author's 30 years of lecturing experience to teach statistical methods to even the most guarded of biology students. It presents basic methods using straightforward, jargon-free language. Students are taught to use simple formulae and how to interpret what is being measured with each test and statistic, while at the same time learning to recognize overall patterns and guiding principles. Complemented by simple examples and useful case studies, this is an ideal statistics resource tool for undergraduate biology and environmental science students who lack confidence in their mathematical abilities.

Statistics for Terrified Biologists presents readers with the basic foundations of parametric statistics, the *t*-test, analysis of variance, linear regression and chi-square, and guides them to important extensions of these techniques. It introduces them to non-parametric tests, and includes a checklist of non-parametric methods linked to their parametric counterparts. The book also provides many end-of-chapter summaries and additional exercises to help readers understand and practice what they've learned.

- Presented in a clear and easy-to-understand style
- Makes statistics tangible and enjoyable for even the most hesitant student
- Features multiple formulas to facilitate comprehension
- Written by the foremost entomologists of his generation

This second edition of *Statistics for Terrified Biologists* is an invaluable guide that will be of great benefit to pre-health and biology undergraduate students.

HELMUT F. VAN EMDEN, PhD, is an internationally respected entomologist who in the UK has been President of both the Royal Entomological Society and the Association of Applied Biologists. He is currently Emeritus Professor of Horticulture in the School of Agriculture, Policy and Development at the University of Reading, UK, where for 35 years he has taught entomology at Masters level to international students of Crop Protection. He has taught and carried out research on applied entomology in six continents.

Cover Design: Wiley

Cover Image: © guifu photography/Getty Images

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as an e-book

ISBN 978-1-119-56367-9



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