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# STATISTICAL TESTS

# TESTS

for your

# Quantitative

## Research Project

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NIK SURYANI NIK ABD RAHMAN



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This book was written based on the author's experience teaching two statistics courses; one at the undergraduate level, namely Introduction to Statistics for Counsellors and the other at the postgraduate level, that is Educational Measurement and Statistics. This book provides a succinct guide to students who have minimal to average knowledge in statistics as well as thesis supervisors who require a fast and an accurate guide to selecting the right statistical test, presenting and describing information, drawing conclusions about large populations based on information obtained from samples. It is hoped that readers of this book will ultimately be independent and confident problem-solvers; thus, enabling them to make sensible, valid, and reliable decisions on the basis of the statistical analysis.

NIK SURYANI NIK ABD RAHMAN is an Associate Professor at Kulliyyah of Education in International Islamic University Malaysia. She earned her Bachelor's degree in Mathematics and Master's degree in Educational Psychology from Northern Illinois University, DeKalb, USA, and Doctoral degree in Mathematics Education from the University of Malaya. Besides teaching Educational Statistics, she also teaches Educational Psychology and Human Development courses for undergraduate and postgraduate students. Administrative posts that she has held include Coordinator for Postgraduate programmes, Deputy Director for Postgraduate and Research, as well as Head of Research. She has performed a variety of research activities and consultancy work. Her publications include numerous articles on pedagogy, community, work and family as well as a book on *A Practical Guide to Interviewing in Educational Research*.

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