

STATISTICAL PROBABILITY AND ITS APPLICATIONS



ADAMU DANIEL K.

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DEDICATION

This book is dedicated to God Almighty.

ACKNOWLEDGEMENTS

We are very thankful to God who has given us the opportunity to put up this piece of knowledge.

Special appreciation to the Prof.(Rev.) Bauta D. Motty of Jos ECWA Theological Seminary (JETS), Jos Plateau State for his fatherly and Erudite contributions.

Gratitude goes to all my family members who had endured during the course of writing this book.

Immense gratitude also goes to my past and present students in Statistics both in Nigeria and Uganda.

There is firmly belief that there is always a need for improvement; therefore, looking forward to welcoming positive criticisms to further enrich the quality of this book.

FOREWORD

STATISTICS has several aspects: one fundamental part is Probability, the study of various types of arrangements. The reader does not require a great deal of technical knowledge to be able to cope with the contents of this book.

This addition to the STATISTICS series of textbooks is an introduction to various aspects of probability. It is intended as a textbook which could be used at undergraduate level of any African University depending on the country's Curriculum.

The place of Statistical Probability and its Applications study in the undergraduate curriculum is now fairly well established and it is certain that its place in the curriculum will be maintained.

The aim of the book includes making studies in statistical probability an interesting exercise. Similarly, it is of practical importance to users of probability analysis and non-users as well. The author has motivated the readers because each unit contains a good number of examples to illustrate any presented concept. The examples are a mixture of fairly straight forward applications and more challenging problems which are of interest in themselves or are of use later.

Dr. Buba Audu

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Table of Contents

DEDICATION	3
ACKNOWLEDGEMENTS	4
FOREWORD.....	5
CHAPTER 1 INTRODUCTION.....	9
SECTION 1: NOTATION AND DEFINITION OF TERMS... 9	
SECTION 2: COMBINATORICS	20
SECTION 3: CONCEPT OF PROBABILITY	25
SECTION 4: CONDITIONAL PROBABILITY AND STATISTICAL INDEPENDENCE	31
SECTION 5: INDEPENDENT EVENTS	36
SECTION 6: BAYE'S THEOREM	38
CHAPTER 2: ONE-DIMENSIONAL RANDOM VARIABLE 43	
SECTION 7: REVIEW OF THE CONCEPT OF A RANDOM VARIABLE (DISCRETE AND CONTINUOUS)	43
SECTION 8: MATHEMATICAL EXPECTATION AND VARIANCE OF A RANDOM VARIABLE	53
SECTION 9: PROBABILITY DISTRIBUTIONS	69
CHAPTER 3: MULTIVARIATE DISTRIBUTION	113
SECTION 10: JOINT DISTRIBUTION (DISCRETE AND CONTINUOUS).....	113
SECTION 11: MARGINAL DISTRIBUTIONS	115
SECTION 12: CONDITIONAL PROBABILITY FUNCTION AND INDEPENDENT RANDOM VARIABLES	120
SECTION 13: JOINT DISTRIBUTION	123
SECTION 14: COVARIANCE AND CORRELATION	124

CHAPTER 4: LAW OF LARGE NUMBERS	127
SECTION 15: MARKOV AND CHEBYSHEV INEQUALITIES	127
SECTION 16: WEAK LAW OF LARGE NUMBERS	134
SECTION 17: CENTRAL LIMIT THEOREM	139
CHAPTER 5: MOMENTS, MOMENT GENERATING FUNCTIONS AND CHARACTERISTIC FUNCTIONS	147
SECTION 18: MOMENT OF A RANDOM VARIABLE. ..	147
SECTION 19: MOMENT GENERATING FUNCTIONS ...	151
SECTION 20: MOMENT GENERATING FUNCTION OF SUM OF INDEPENDENT RANDOM VARIABLES	162
SECTION 21: FACTORIAL MOMENT GENERATING FUNCTION.....	164
SECTION 22: CUMULANT GENERATING FUNCTION (C.G.F).....	167
SECTION 23: CHARACTERISTIC FUNCTION.....	169
CHAPTER 6: DISTRIBUTIONS OF FUNCTIONS OF RANDOM VARIABLES.....	173
SECTION 24: TRANSFORMATION OF A RANDOM VARIABLE (DISCRETE AND CONTINUOUS)	173
SECTION 25: TRANSFORMATION TECHNIQUE USING JACOBIAN METHOD	178
SECTION 26: MOMENT-GENERATING-FUNCTION TECHNIQUE	181
SECTION 27: MATHEMATICAL EXPECTATION AND VARIANCE OF FUNCTION OF RANDOM VARIABLE .	185
CHAPTER 7: STATISTICAL HYPOTHESIS TESTING	193

SECTION 29: ANALYSIS OF VARIANCE (ANOVA)	203
References:	243
Index	245

ATTESTATION

The place of *Statistical Probability and its Applications* study in the undergraduate curriculum is now fairly well established and it is certain that its place in the curriculum will be maintained.

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