

Cambridge University Press

978-1-108-06443-9 - Popular Instructions on the Calculation of Probabilities

Lambert Adolphe Jacques Quetelet Edited and Translated by Richard Beamish

Table of Contents

[More information](#)

## CONTENTS.

	Page
Editor's Preface . . . . .	iii
Author's Preface . . . . .	ix
Signs employed . . . . .	xiii
<b>Lesson</b>	
I. Certainty and Probability . . . . .	1
II. Mathematical Probability . . . . .	5
III. Simple and Compound Probabilities . . . . .	12
IV. Relative Probabilities . . . . .	15
V. Repeated Trials . . . . .	19
VI. Particular cases of the Calculation of Mathematical Probabilities . . . . .	26
VII. Manner of examining Probabilities . . . . .	31
VIII. Mathematical Expectation . . . . .	35
IX. Moral Expectation . . . . .	39
X. Lotteries . . . . .	44
XI. Calculation of Probabilities when the number of favourable chances are not known . . . . .	52
XII. Calculation of Probabilities when the number of chances is unknown . . . . .	55
XIII. The mode of taking Mean Results . . . . .	62

Cambridge University Press

978-1-108-06443-9 - Popular Instructions on the Calculation of Probabilities

Lambert Adolphe Jacques Quetelet Edited and Translated by Richard Beamish

Table of Contents

[More information](#)

xvi

## CONTENTS.

Lesson	Page
XIV. The measure of the degree of approximation of a mean result, or the Rule of the Lesser Squares . . . . .	66
XV. Application of the Calculation of Probabilities to human life . . . . .	73
XVI. Assurances and Life Annuities . . . . .	84
XVII. Probabilities of Witnesses . . . . .	91
XVIII. Decisions of Tribunals and Elections . . . . .	99
XIX. Conclusion . . . . .	106
NOTES . . . . .	109