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Advances in Genetic Statistics: Law of Hardy Weinberg Equilibrium Revisited (Paperback)

By Basavarajaiah D M

Ebooks2go Inc, 2017. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.There are many books on genetic statistics and quantitative genetics. These books expect different level of preparedness and analytical interventions emphasis on the formulation of real breeding data sets. This book is not introductory, it presumes various statistical and mathematical models demonstrated and derived considering by real breeding data sets. Reader are expected to know the essential of recent statistical tools such as sensor fusion estimation techniques, Kernel regression model, mathematical modeling on hardy Weinberg equilibrium, Pham kinetic genetic model, MLE s, OLR, weighted ordinary least square analysis, genetic correlation, heritability tested by advanced statistical tools, extraction of dummy variables from genetic and non-genetic components, random mating probability models, Risk analysis of human hereditary data by Bayesian approach, algorithms of sex linked inherited X-chromosomes, evaluation of pedigree through statistical approach, sex-linked recessive disorder of human population, data reduction techniques by snap shot techniques, Kal man filter estimation of multiple genetic traits, estimation of genetic variance, structural changes of genetic parameters, oscillation of genotypic and environmental variance, linear and nonlinear models etc. The main emphasis of the entire book is derivation of mathematical and statistical...



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