

CONTENT

Introduction	4
Ondřej Černý Identification of parameters in population models and survival analysis	5
Marie Forbelská Exponential Smoothing and Kernel Regression	12
Terézia Hodásová, Jiří Holčík Modeling of RR intervals	23
Pavel Juránek Verification of A Fraud Risk Estimate	29
Silvie Kafková The Aggregate Claim amount	36
Lenka Křivánková Asset-Pricing Models in Portfolio Theory	42
Marie Leváková Detection of the change in intensity in the flow of events	50
Bohumil Maroš, Marie Budíková Factors influencing the use of weighting function in an exponential regression model	58
Kateřina Opršalová, Jiří Holčík Transformed Exponential and Weibull Distribution in Survival Analysis	66
Martin Řezáč Bias and MSE of J-divergence Estimators for Scoring Models	72
Iveta Selingerová Interval censored data	81
Vlastimil Severa Model of hematopoiesis with structured cell differentiation	88