Statistica Nova - theory and software of statistical functions mobiles

Ionel Dorofte & Ionelia Iftimie
Telmat Biz Reserch Company
Iasi, Rumanien
ionel.dorofte@gmail.com

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Abstract. In the last decade we presented at major international conferences a new approach to theory and calculation of empirical research. Objects that have repeatedly brought the classical theory is an insufficient adaptation to NTCI. In fact computers today, very strong, applied mostly a paradigm of classical statistical thinking ahead Computing grounded. Among others we have developed a methodology for data analysis focused on "mobile window" corollary having new theoretical concepts called new "mobile statistical functions". Basically, there are data collected through a "window" of a width sigma unit that database then scans jumping cite a measure of the variable taken into view. Se obtained in this way tens or hundreds of frequent value estimates averages of precision measurements several times better than conventional methodology. Theoretical corollary we proposed new theoretical concepts called "mobile statistical functions" of these mentioned: Frequency furniture, furniture standard deviation, coefficient of variation and correlation mobile. These functions and their immediate applications will be presented in detail in the poster will be displayed at this important congress of ISI: We eloquent detail and practical applications for theoretical and practical advantages of this methodology. Especially important for researchers interested I made a software that allows rapid calculations and relevant views from what some reviewers of our previous work called "a new paradigm". The calculation is done to get more directly to different categories of users both in Excel Visual Basic.Net and MS.