

## 4<sup>th</sup> International Conference and Exhibition on **Biometrics & Biostatistics**

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### **Robust regression analysis using re-descending M and MM estimators based on modified Cauchy function**

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The author has proposed the modified Cauchy function that can be used to develop re-descending M and MM estimators in robust regression. The proposed modified Cauchy estimator competes with Tukey's bi-weight and Qadir's beta resulting in its enhanced efficiency. In addition, to show the usefulness of the proposed technique, they carry out some Monte Carlo simulation experiments. Further, they apply the findings to some real data set.

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### **Measuring the impact on patients' capitated (insured) care model applied in an institution providing out-patient accredited ISO 9001-2008**

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My paper is oriented to be able to demonstrate that the care model whereby patients are treated in our offices and analyzing primary retention rate near zero, taking into account the levels of problem-solving and assertiveness presenting our general practitioners and specialists in the period 2012-2014. Likewise, in the research, it is to demonstrate that the model is supported by a group of general practitioners and specialists who are able to develop new technologies from the permanent medical innovation. The IPs Javesalud care model presents levels of improvement in the health of patients; this model is the interaction of the insurance scheme, general practitioners, medical specialists and general practitioners. From flat file analysis and data mining, it is able to demonstrate that patients have a high degree of problem-solving by the area medical situation that allows the display of new attentions decrease obviously.

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