Statistical Study of Euler's Zeta Function by using Riemann Hypothesis

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Abstract: *The aim of this paper to study the statistical measures for the zeta function and the relative comparison of the function. Here we give an examples of some of the suggested models and compare these models. The development of these models were done in a collection of machine learning algorithms for data mining tasks. As a measure of success of any model, we study the statistical measures CC, MAE, RMSE, RAE and RRSE. We would like to mention that there is no specific rational behind the choice of the statistical measures studied; except that they give good point-wise and overall statistics on the validity and success of the models. The statistical measures Root Mean Square Error and Mean Absolute Error are concerned with the average difference errors.*

Keywords: Zeta function, Statistical measures, Euler's function, Riemann Hypothesis

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