

# **Prediction of Pavement Condition Index for the highway road between Ba'Quba and Tuz Khurmatu of Iraq: A new model suggestion.**

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## **Abstract**

Pavement condition index is an important indication for road performance and safety driving. Abuse of highway roads always resulted in many difficulties like improper driving, long time of trips, travelers discomfort and many other problems. Uncontrolled traffic of heavy loaded trucks together with high temperatures and absence of road maintenance will certainly cause huge damages to asphalt pavement and as a result reduced road lifetime. In this paper an attempt was made to assess the necessary parameters that used to model pavement condition index by the use of bootstrapping via the SPSS ver. 23. The estimated parameters showed a reasonably reliable prediction when compared to actual data.