

# A Test of Exponentiality of Type-II Censored Samples

by

Welfredo R. Patungan

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## **Abstract**

A test of exponentiality is proposed via a characterization of TTT statistics by Xu and Yang (1995). The test procedure is intuitively very simple and accommodates type-II censored samples that occur in lifetesting situations. Simulations of the power function suggest that the test outperforms the Kolmogorov-Smirnov test and is consistent against IFR and DFR alternatives.