A NOTE ON THE ESTIMATE OF THE BETA DISTRIBUTION

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Abstract. The lower and the upper estimates with explicit coefficients for the beta distribution with $a > 1, b > 1$ are given. Furthermore, using these results, the lower and the upper estimates of the beta distribution of the second kind and F-distribution, and also partial estimates of Student’s t-distribution are obtained.


Keywords and phrases: the beta distribution, the beta distribution of the second kind, F-distribution, Student’s t-distribution.

REFERENCES