A review on goodness of fit tests based on entropy (Prof. Arghami's contributions)

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Abstract. Goodness of fit (GOF) tests based on Shannon entropy was started by Vasicek in 1976 and were continued by many authors. Here, we describe different GOF tests constructed by authors from the beginning to now. First, the problem of goodness of fit and different types of GOF are stated. Then, the method of GOF tests based on entropy is explained and all works proposed by authors in this subject until 2018 are expressed.

Keywords: Goodness of fit tests, Ranked Set Samples, Censored data, Residual life, Fuzzy data, Cumulative Residual Entropy.