

On dynamic weighted entropies

Salimeh Yasaei Sekeh*, G. R. Mohtashami Borzadaranb**,
A. H. Rezaei Roknabadib**

*UFSCar, São Carlos, Brasil

**Ferdowsi University of Mashhad, Mashhad, Iran

Resumo

We study some properties of the weighted dynamic measures of entropy introduced in Di Crescenzo and Longobardi (2006). It is shown that the proposed measures could characterize distributions for some distributions in continuous and discrete cases. Moreover, a new stochastic order based on weighted dynamic entropies is presented and we provide some of its properties.