Sander, Wolfgang
Symmetric deviations and distance measures. (English) Zbl 1240.94046

Summary: In this paper we characterize measurable information measures depending upon two probability distributions in a unified manner in order to get most of the existing information measures. Moreover, it turns out that our characterization contains new, unexpected information measures.

MSC:
94A17 Measures of information, entropy
39B52 Functional equations for functions with more general domains and/or ranges

Keywords:
information measures; open domain; sum form; weighted additivity; polynomial additivity