

Comment to the Editor on the Paper
“Statistical Manifolds Admitting Torsion and Partially Flat Spaces.”
by Masayuki Henmi and Hiroshi Matsuzoe.

It is well-known that a geometric structure called a statistical manifold plays an important role in information geometry. This article, dealing with a generalization of the geometric structure named a statistical manifold admitting torsion, gives a survey of the fundamental results and an example of statistical problem in which such geometric structure naturally appears. The description is concise and clear, and the reviewer feels that the paper is very readable and will be useful for the readers interested in the advanced topic of information geometry.

Since there seem to be several typos and points of improvement, the reviewer would like to recommend that the paper be published as a chapter of the book “Geometric Structures of Information” after the authors’ revision on those points.