



On the Relative Quantities Occurring within Physical Data Sets

Alex Ely Kossovsky

(Submitted on 8 May 2013 (v1), last revised 22 May 2013 (this version, v2))

A statistical measure is given expressing relative occurrences of quantities within a given data set. Application of this measure on several real life physical data sets and some abstract distributions are shown to yield quite consistent results. These empirical results also correspond almost exactly to the theoretical converging limit of such a measure mathematically constructed for k over x distribution defined over an infinite range.

Subjects: **Statistics Theory (math.ST)**

Cite as: **arXiv:1305.1893 [math.ST]**

(or **arXiv:1305.1893v2 [math.ST]** for this version)

Submission history

From: Alex Ely Kossovsky [[view email](#)]

[v1] Wed, 8 May 2013 17:43:09 GMT (487kb)

[v2] Wed, 22 May 2013 17:30:00 GMT (449kb)

[Which authors of this paper are endorsers?](#)

Link back to: [arXiv](#), [form interface](#), [contact](#).

Download:

- [PDF only](#)

Current browse context:

math.ST

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1305](#)

Change to browse by:

[math](#)

[stat](#)

References & Citations

- [NASA ADS](#)

Bookmark ([what is this?](#))

