

Denys Pommeret (IML)

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demonstrate the method.

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Subjects: Statistics Theory (math.ST)

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Comparing Two Contaminated Samples

We consider the problem of testing whether two samples of contaminated data, possibly paired, are from the same distribution. Is is assumed that the contaminations are additive noises with known

between observations and noises. . A data driven selection is proposed to choose automatically the

number of involved polynomials. We present a simulation study in order to investigate the power of the proposed test within discrete and continuous cases. A real-data example is presented to

moments of all orders. The test statistic is based on the polynomials moments of the difference

Submission history

From: Denys Pommeret [view email] [v1] Sun, 8 May 2011 17:15:32 GMT (70kb)

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