

Volume 6, Issue 3, Article 65

	On A Symmetric Divergence Measure and Information Inequalities
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Keywords:	Divergence measure, Csiszár's \$f\$-divergence, Parametric measure, Non-parametric measure, Mutual information, Information inequalities.
Date Received:	15/10/04
Date Accepted:	23/05/05
Subject Codes:	94A17; 26D15
Editors:	Sever S. Dragomir,
Abstract:	A non-parametric symmetric measure of divergence which belongs to the family of Csiszár's <i>f</i> -divergences is proposed. Its properties are studied and bounds in terms of some well known divergence measures obtained. An application to the mutual information is considered. A parametric measure of information is also derived from the suggested non-parametric measure. A numerical illustration to compare this measure with some known divergence measures is carried out.
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