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Author:  [ADVANCED](#) | Volume  Page   
 Keyword:   |



[TOP](#) > [Available Issues](#) > [Table of Contents](#) > [Abstract](#)

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[\[PDF \(102K\)\]](#) [\[References\]](#)

### Increase in Risk and Comparative Static Analysis

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**Abstract:** In this paper we discuss signing of comparative statics analysis under uncertainty. We define change of risk by a mean preserving simple transformation (abbrev. MPST) of random variables. We show that the signs of the partial derivatives of pay-off functions do not uniquely determine the signs of comparative statics effects of an increase of risk in the sense of MPST.

**Keywords:** [comparative statics](#); [MPST \(Mean Preserving Simple Transformation\)](#); [uncertainty](#)

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