

# LUCK-DECOMPOSABLE MOBILITY INDEX AS A MEASURE OF (IN)EQUALITY OF OPPORTUNITY

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ABSTRACT. A luck-decomposable mobility index is defined as an index such that the existing mobility can be broken down into mobility values generated from independent lucks. For instance, the mobility of brute luck can be separated from that of option luck. It could be an appropriate normative measure of equality of opportunity. This paper offers the only luck-decomposable mobility index that is maximized when all the entries of the  $n \times n$  doubly stochastic transition matrix are  $1/n$ .

*Keywords:* Mobility; Equality of opportunity; Luck-decomposition

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