

# RESTRICTED LORENZ DOMINANCE OF ECONOMIC INEQUALITY IN ONE AND MANY DIMENSIONS

Karl Mosler  
Seminar für Wirtschafts- und Sozialstatistik  
Universität zu Köln, 50923 Köln, Germany  
mosler@statistik.uni-koeln.de

## **Abstract**

The paper investigates Lorenz dominance and non-scaled Lorenz dominance to compare distributions of economic status in one and several attributes. Restrictions of these dominance relations are developed that focus on central parts of the distributions and facilitate their comparison.

*Keywords: Inequality measurement, lift zonoid order, Lorenz order, majorization, multivariate inequality ordering.*