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Presentation Title
Bargaining with Independence of Higher or Irrelevant Claims
(with M.J. Albizuri and J.M. Zarzuelo)

Abstract
This paper studies independence of higher claims and independence of irrelevant claims on the domain of bargaining problems with claims. Independence of higher claims requires that the payoff of an agent does not depend on the higher claim of another agent. Independence of irrelevant claims states that the payoffs should not change when the claims decrease but remain higher than the payoffs. Interestingly, in conjunction with standard axioms from bargaining theory, these properties characterize a new constrained Nash solution, a constrained Kalai-Smorodinsky solution, and a constrained Kalai solution.

Keywords
Bargaining with claims; independence of higher claims; independence of irrelevant claims; constrained Nash solution; constrained Kalai-Smorodinsky solution; constrained Kalai solution

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