

# Racionalitás és/vagy közös érdek: Kooperativitás vizsgálata fogolydilemma játékkal az arcszépség és szociális státus függvényében

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## Abstract

There are many situations in every day life and in social interactions, when the prisoner's dilemma can be identified. In most of these social contexts there is a deep conflict between individual (competitive behavior) and common (collective) interest (cooperative or altruistic behavior). In order to dissolve the prisoner's dilemma, a broader thinking and a cooperative behavior is required. This experiment proposed to analyze the impact of facial beauty and social rank on cooperative behavior with help of a preprogrammed "Trust" game, which simulates the prisoner's dilemma situation (Scharlemann et al., 2001). A 2x2x2 factorial design is applied, according to the levels of independent variables. There were 40 first year students participating in the game. The results demonstrate that facial beauty associated with a high social rank has a positive influence on the growth of cooperative answers. According to the index of Comer there is a 37% probability of a relationship between the variables. Facial beauty had the most significant effect on the cooperative behavior; social rank alone had a small influence on the propulsion of cooperative answers. The results obtained regarding this question are similar to those of other experiments (Mehl and Buchner, 1996; Mealey et al., 1996) in the same problem, thus, the effect of the social rank needs further study.

## Keywords

prisoner's dilemma, cooperation, facial beauty, social rank, "TRUST " game