A Social Network Analysis of Occupational Segregation

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Abstract

We develop a social network model of occupational segregation between different social

groups, generated by the existence of positive inbreeding bias among individuals from the

same group. If network referrals are important for job search, then expected homophily in the

contact network structure induces different career choices for individuals from different social

groups. This further translates into stable occupational segregation equilibria in the labor

market. We derive the conditions for wage and unemployment inequality in the segregation

equilibria and characterize first and second best social welfare optima. Surprisingly, we find

that socially optimal policies involve segregation.

JEL codes: J24, J31, J70, Z13

Keywords: Social Networks, Homophily, Inbreeding Bias, Occupational Segregation,

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