

Impossibilities of Stationary Ordinal Equity

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Abstract

The purpose of this paper is to show new impossibility results on intergenerational equity. In an infinite time-horizon setting, we investigate two cases imposing ordinal equity concepts such as *envy-freeness* and *egalitarian-equivalence*, and demonstrate that neither of them is compatible with the requirement of the *stationarity* of social preferences. Our results imply that the passage of time should effect an equitable social preference. Therefore, any social policy satisfying intergenerational equity contradicts stationarity.

JEL classification D63; D71

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