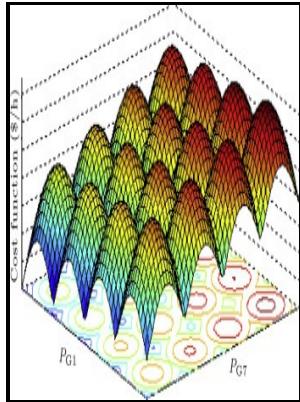


# Quadratic social welfare functions

**Dept. of Economics and Institute for Policy Analysis, University of Toronto - Consistent updating of social welfare functions**



Description: -

- Public welfare -- Mathematical models.  
Welfare economics -- Mathematical models. Quadratic social welfare functions

- Working paper series (University of Toronto. Institute for Policy Analysis) -- no. 9127.  
Working paper series / Dept. of Economics and Institute for Policy Analysis, University of Toronto -- no. 9127. Quadratic social welfare functions

Notes: Bibliography: p. 30-32.  
This edition was published in 1991



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## Local Government Expenditures: A Social Welfare Analysis on JSTOR

We assume that individual utilities to are given as cardinal and interpersonally comparable objects.

### Consistent updating of social welfare functions

These preferences are assumed to satisfy the expected utility hypothesis and are represented by von Neumann — Morgenstern 1947 utility functions.

## Local Government Expenditures: A Social Welfare Analysis on JSTOR

In: Farina F, Hahn F, Vannucci S eds Ethics, rationality, and economic behaviour. With these assumptions, Harsanyi concluded that the social utility function must be an affine combination of the individual utility functions; i.

### Consistent updating of social welfare functions

His theorem has been criticized on the grounds that a central axiom, that social preference satisfies the independence axiom, has the morally unacceptable implication that the process of choice and considerations of ex ante fairness are of no importance. Appendix 1: The class of static social welfare functions Basic axioms and characterizations This section presents a set of axioms, which in the main text are translated into a dynamic setting and shown to be recurrent under consistent updating with the passing of time and the resolution of uncertainty.

### Consistent updating of social welfare functions

This paper presents a variation of Harsanyi's theorem in which the axioms are compatible with a concern for ex ante fairness. All remaining errors are my own.

## Local Government Expenditures: A Social Welfare Analysis on JSTOR

In: Arrow KJ, Karlin S, Suppes P eds Mathematical methods in the social sciences. With such a class of social welfare functions, we characterize the roles that can be played in the updating stage by the past and things known not to have occurred.

### **Local Government Expenditures: A Social Welfare Analysis on JSTOR**

Since the late 1960s, we have experimented with generation after generation of electronic publishing tools. Based on this standpoint, we present a set of axioms for social welfare orderings which are recurrent under consistent updating, and characterize a set of social welfare functions which are closed under updating. Proof of Proposition Order obvious.

### **Harsanyi's Social Aggregation Theorem with Alternative Pareto Principles**

This condition is known as Pareto Indifference. Am Econ Rev 104 12 :4184—4204. We consider the following axioms.

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