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**Evaluations of infinite utility streams: Pareto efficient and egalitarian axiomatics.** (English)

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**Summary:** This investigation focuses on the aggregation of infinite utility streams by social welfare functions. We analyze the possibility of combining Pareto-efficiency and Hammond equity principles when the feasible utilities for each generation are  $[0, 1]$  and the natural numbers. In the latter case, the Hammond equity ethics can be combined with non-trivial specifications of the Pareto postulate, even through anonymous social welfare functions. As a consequence, any evaluation of infinite utility streams that verifies a mild specification of the Paretian axiom must exert some interference on the affairs of particular generations.

**MSC:**

91B16 Utility theory

91B15 Welfare economics

Cited in 8 Documents

**Keywords:**

social welfare functions; Hammond equity ethics; Pareto postulate; infinite utility streams

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