



**International Input-Output Association**

**Working Papers in Input-Output Economics**

**WPIOX 09-002**

**Theodore Mariolis and George Soklis**

**Additive Labour Values and Prices of Production: Evidence from  
the Supply and Use Tables of the German and Greek Economy**

## **Working Papers in Input-Output Economics**

The Working Papers in Input-Output Economics (WPIOX) archive has been set up under the auspices of the International Input-Output Association. The series aims at disseminating research output amongst those interested in input-output, both academicians and practitioners. The archive contains working papers in input-output economics as defined in its broadest sense. That is, studies that use data collections that are in the format of (or are somehow related to) input-output tables and/or employ input-output type of techniques as tools of analysis.

### **Editors**

Erik Dietzenbacher

Faculty of Economics and Business  
University of Groningen  
PO Box 800  
9700 AV Groningen  
The Netherlands

[h.w.a.dietzenbacher@rug.nl](mailto:h.w.a.dietzenbacher@rug.nl)

Bent Thage

Statistics Denmark  
Sejrøgade 11  
2100 Copenhagen Ø  
Denmark

[bth@dst.dk](mailto:bth@dst.dk)

**Code: WPIOX 09-002**

**Authors: Theodore Mariolis and George Soklis**

**Title: Additive Labour Values and Prices of Production: Evidence from the Supply and Use Tables of the German and Greek Economy**

**Abstract:**

This paper finds, on the basis of a usual 'square' linear model of joint production, that the vectors of additive labour values and/or the actual prices of production associated with the Supply and Use Tables of the German economy (for the years 2000 and 2005) are economically significant, whilst the relevant vectors of the Greek economy (for the years 1995 and 1999) are economically insignificant. Furthermore, the deviations of market prices from labour values and actual prices of production are, by and large, considerably greater than those estimated on the basis of Symmetric Input-Output Tables.

**Keywords:** Additive labour values; Empirical labour theory of value; Prices; Pure joint production; Supply and use tables

**Archives:** History of i-o analysis; Methods and mathematics

**Correspondence address:**

Theodore Mariolis  
Department of Public Administration  
Panteion University  
136 Syngrou Ave  
17671 Athens  
Greece

E-mail: [mariolis@panteion.gr](mailto:mariolis@panteion.gr)

**Date of submission:** March 24, 2009