



**Name:** AXEL WERWATZ

**Address:** DIW Berlin (German Institute for Economic Research)  
Königin-Luise-Straße 5  
14195 Berlin  
Germany

**Phone:** +49.30.89789-157  
**Fax:** +49-30-89789-103  
**e-mail:** [awerwatz@diw.de](mailto:awerwatz@diw.de)

**Born** October, 29th, 1964 in Frankfurt am Main, Germany

## Education:

2004 Habilitation, Humboldt-Universität zu Berlin  
1997 Doctor of Philosophy in Economics, University of Iowa, U.S.A.  
1992 Master of Arts in Economics, University of Iowa, U.S.A.

## Employment:

since August 2004 Professor of Microeconometrics and Industrial Economics  
Faculty of Economics and Social Science, University of Potsdam

since May 2004 Head of the Department Innovation, Manufacturing, Service  
DIW Berlin

2002-April 2004 Research Associate, DIW Berlin

1999-2002 Research Associate and Lecturer,  
Institute of Statistics, Department of Economics,  
Humboldt-Universität zu Berlin

1998 Visiting Researcher, Centre for Labour Market and Social Research,  
Aarhus Universitet, Århus, Dänemark.

1994-1997 Research Associate, National Research Center SFB 373,  
Humboldt-Universität zu Berlin

**Associate Editor:**

2003- Computational Statistics, Physica Verlag

**Awards and Scholarships:**

- 2005 Best Contribution to DIW Weekly Report 2004 for  
"Ostdeutschland: Strukturelle Niedriglohnregion?"  
(joint with Martin Gornig and Bernd Görzig)
- 2003 Best Contribution to DIW Weekly Report 2002 for  
"Lohneffekte der Zeitarbeit" (joint with Michael Kvasnicka)
- 2003 Award for Outstanding Teaching of Undergraduates  
School of Business and Economics, Humboldt-Universität zu Berlin
- 1992 – 1993 German Science Foundation (DFG) Scholarship for Doctoral Studies at  
the Research Training Group "Applied Microeconomics"
- 1990 – 1991 German Academic Exchange Service (DAAD) Scholarship for  
Graduate Studies at the University of Iowa

## Publications

### Books:

Härdle, W., Müller, M., Sperlich, St. and Werwatz, A. (2004), Nonparametric and Semiparametric Models. e-book [www.md-stat.com](http://www.md-stat.com) Springer Verlag, Heidelberg. ISBN 3-540-20722-8 (340 p).

### Refereed Journals:

Gornig, M., Görzig, B. und Werwatz, A. (2006), Nichtparametrische Dekomposition der Lohndifferenzen zwischen ost- und westdeutschen Betrieben, *Allgemeines Statistisches Archiv (Journal of the German Statistical Society)*, forthcoming.

Slama, R., and Werwatz, A. (2006), Controlling for continuous confounding factors: non- and semi-parametric approaches, *Revue d'Epidémiologie et de Santé Publique*, to appear

Fritsch, M., Stephan, A. and Werwatz, A. (2005), Guest Editorial of Special Issue on Regional Innovation Policies, *European Planning Studies*, 13 (4).

Gornig, M., Görzig, B. und Werwatz, A. (2005), Explaining East Germany's Wage Gap: The impact of Structural Change, *Post-Communist Economies*, forthcoming.

Slama, R., Bouyer, J., Windham, G., Fenster, L., Werwatz, A. and Swan, S.H. (2005), Influence of Paternal Age on the Risk of Spontaneous Abortion, *American Journal of Epidemiology*, 161(9):816-823.

Kirman, A., Schulz, R., Härdle, W. and Werwatz, A. (2005) Transactions that did not happen and their influence on prices. *Journal of Economic Behavior and Organization*, 56 (4), 567-591.

Christensen, B. J., Lentz, R., Mortensen, D. T., Neumann, G.R. and Werwatz, A. (2005), On-the-Job Search and the Wage Distribution, *Journal of Labor Economics*, Vol. 23 (1), 31-58.

Schäfer, D., Werwatz, A. and Zimmermann, V. (2004), The Determinants of Debt and (Private) Equity Financing: The Case of Young, Innovative SMEs from Germany, *Industry and Innovation*, Vol. 11 (3), 225–248.

Schulz, R. and Werwatz, A. (2004), A State Space Model for Berlin House Prices: Estimation and Economic Interpretation, *Journal of Real Estate Finance and Economics*, Vol. 28:1, 37-57.

Schulz, R., Sofyan, H., Werwatz, A. and Witzel, R. (2003), Online Prediction of Berlin Single-Family House Prices, *Computational Statistics*, Vol. 18 (3), 449-462.

Slama, R., Werwatz, A., Boutou, O., Ducot, B., Spira, A., Härdle, W.. (2003), Does Male Age Affect the Risk of Spontaneous Abortion? An Approach Using Semiparametric Regression, *American Journal of Epidemiology*, 157, 815-824

Werwatz, A. (2002), Occupational Mobility after Apprenticeship – How effective is the German Apprenticeship System?, *Applied Economics Quarterly*, Vol. 48 (3-4), 279-303.

Sofyan, H. and Werwatz, A. (2001), Analyzing XploRe Download Profiles with Intelligent Miner, *Computational Statistics*, 16 (3), 465-479

**Liang, H., Härdle, W. and Werwatz, A. (2001)**, Asymptotic properties of nonparametric regression estimation in partly linear models, *Econometric Theory*, 15, 258-259.

**Burda, M. Härdle, W. , Müller, M. and Werwatz, A. (2001)**, Semiparametric Analysis of German East-West Migration: Facts and Theory, *Journal of Applied Econometrics*, 13, 525-542

### **Other Journals and Collected Volumes:**

**Gornig, M., Görzig, B. and Werwatz, A. (2004)**, Ostdeutschland: Strukturelle Niedriglohnregion?, *DIW-Wochenbericht*, 44/2004;  
engl. Version: East Germany: a structural low-wage region?, *Economic Bulletin* 12/2004.

**Fritsch, M., Stephan, A. and Werwatz, A. (2004)**, Regionalisierte Innovationspolitik sinnvoll, *DIW-Wochenbericht*, 9/2004;  
engl. Version: A regionalised innovation policy should be adopted, *Economic Bulletin* 12/2003.

**Kvasnicka, M. and Werwatz, A. (2003)**, Arbeitsbedingungen and Perspektiven von Zeitarbeitern, *DIW-Wochenbericht*, 46/2003;  
engl. Version: The wage effects of temporary agency, *Economic Bulletin* 12/2003.

**Kvasnicka, M. and Werwatz, A. (2002)**, Lohneffekte der Zeitarbeit, *DIW-Wochenbericht*, 49/2002; reprinted in *Bandesarbeitsblatt*, Februar 2003  
engl. Version: The wage effects of temporary agency, *Economic Bulletin* 2/2003.

**Schulz, R. and Werwatz, A. (2002)**, A Simple State Space Model of House Prices  
in: Härdle, W., Kleinow, T. and Stahl, G. (2002), *Applied Quantitative Finance*.  
Theory and Computation Tools. Springer Verlag, Heidelberg.

**Härdle, W., Schulz, R., Sofyan, H., Werwatz, A. and Witzel, R. (2002)** MD\*Immo. Online-Preisprognose für Berliner Einfamilienhäuser, *Humboldt-Spektrum* 9 (2002), Heft 4, S.60-61.

**Kolb, J., and Werwatz, A. (2001)**, The Duration of Marginal Employment in West Germany: A Survival Analysis Based on Spell Data, *Vierteljahrshefte zur Wirtschaftsforschung*, 70 (2001), 95101.

**Müller, C. and Werwatz, A. (2000)**, Simultaneous-Equations Models,  
in: Härdle, W., Hlavka, Z. and Klinke, S. (2000), *XploRe - Application Guide*,  
Springer Verlag, Heidelberg, 97-114.

**Kolb, J., and Werwatz, A. (2000)**, Eine Längsschnittdanalyse geringfügiger Beschäftigung,  
in: F. Büchel, M. Diewald, P. Krause, D. Mertens, H. Solga (2000),  
*Zwischen Drinnen and Draußen, Soziale Ausgrenzung am deutschen Arbeitsmarkt*,  
Leske+Budrich, Opladen.

**Breitung, J., and Werwatz, A. (1999)**, Microeconometrics and Panel Data,  
in: Härdle, Klinke, S. and Müller, M. (1999) *XploRe - Learning Guide*,  
Springer Verlag, Heidelberg, 307-352.

**Proenca, I., and Werwatz, A. (2001)**, Comparing Parametric and Semiparametric Binary Response Models, in: Härdle, Klinke, S. and Turlach, B. (1995) *XploRe - an Interactive Statistical Computing Environment*, Springer Verlag, Heidelberg.

