

## Alan Wall

Oviedo Efficiency Group (<http://www.unioviado.es/oeg/>), Department of Economics,  
University of Oviedo, Spain.

### Contact details

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### Education

2009: Ph.D in Economics. University of Oviedo, Spain.

1999: Master of Economic Analysis, Autonomous University of Barcelona, Spain.

1994: Master of Arts (Economics), University College Dublin, Ireland.

1991: Postgraduate Diploma in Economic Science, University College Dublin, Ireland.

1990: Bachelor of Business Studies, University of Limerick, Ireland.

### Professional Positions

2016- Associate Professor (*Profesor Titular*), Department of Economics, University of Oviedo.

2010-2016: Associate Professor (*Contratado Doctor*), Department of Economics, University of Oviedo.

2007-10: Associate Professor (*Colaborador*), Department of Economics, University of Oviedo.

2001-07: Assistant Professor, Department of Economics, University of Oviedo.

1995-96: Junior Lecturer, Department of Economics, University College Dublin.

1994-95: Research Assistant. Economic and Social Research Institute, Dublin.

### Research Interests / Research Profile

Efficiency and productivity analysis, agricultural economics, economics of risk and uncertainty,  
transport economics, health economics.

### Publications

#### *Articles in peer-reviewed journals*

Orea, L., Wall, A. (2017). A parametric approach to estimating eco-efficiency. *Journal of Agricultural Economics*, 68, 901-907.

Tovar, B., Wall, A. (2017). Specialisation, diversification, size and technical efficiency in ports: an empirical analysis using frontier techniques. *European Journal of Transport and Infrastructure Research*, 17(2), 279-303

Tovar, B., Wall, A. (2017). Dynamic cost efficiency in port infrastructure using a directional distance function: accounting for the adjustment of quasi-fixed inputs over time. *Transportation Science*, 51, 296-304.

Pérez-Urdiales, M., Oude Lansink, A., Wall, A. (2016). Eco-efficiency among dairy farmers: the importance of socio-economic characteristics and farmer attitudes. *Environmental and Resource Economics*, 64 (4), 559-574.

- Tovar, B., Wall, A. (2015). Can ports increase traffic while reducing inputs? Technical efficiency of Spanish Port Authorities using a directional distance function approach. *Transportation Research Part A: Policy and Practice*, 71, 128-140.
- Oude Lansink, A. Wall, A. (2014). Frontier models for evaluating environmental efficiency: an overview. *Economics and Business Letters* 3 (1).
- Tovar, B., Wall, A. (2014). The impact of demand uncertainty on port infrastructure costs: Useful information for regulators? *Transport Policy* 33, 176-183.
- Canal-Domínguez, J.-F., Wall, A. (2014). Factors determining the career success of doctorate holders: evidence from the Spanish case. *Studies in Higher Education* 39 (10), 1750-1773.
- Rodríguez-Álvarez, A., Roibás, D., Wall, A. (2013). The response of decentralized health services to demand uncertainty and the role of political parties in the Spanish public health system. *Journal of Productivity Analysis* 40 (3), 357-365.
- Tovar, B., Wall, A. (2012). Economies of scale and scope in service firms with demand uncertainty: An application to a Spanish port. *Maritime Economics & Logistics* 14, 362–385.
- Rodríguez-Álvarez, A., Roibás, D., Wall, A. (2012). Reserve capacity of public and private hospitals in response to demand uncertainty. *Health Economics* 21 (7), 839-851.
- Orea, L., Wall, A. (2012). Productivity and producer welfare in the presence of production risk. *Journal of Agricultural Economics* 63 (1), 102–118.
- Rodríguez-Álvarez, A., Tovar, B., Wall, A. (2011) The effect of demand uncertainty on port terminal costs. *Journal of Transport Economics and Policy* 45 (2), 303-328.
- Picazo-Tadeo, A., Wall, A. Production risk, risk aversion and the determination of risk attitudes among Spanish rice producers. *Agricultural Economics* 42 (4), 451-464.
- Lovell, C.A.K., Rodríguez-Álvarez, A., Wall, A. (2009). The effects of stochastic demand and expense preference behaviour on public hospital costs and excess capacity. *Health Economics* 18 (2), 227-235.
- Roibás, D., García Valiñas, M., Wall, A. (2007). Measuring welfare losses from interruption and pricing as responses to water shortages: an application to the case of Seville. *Environmental and Resource Economics*, 38 (2), 231-243.
- Orea, L., Roibás, D., Wall, A. (2004). Choosing the technical efficiency orientation to analyze firms' technology: a model selection test approach. *Journal of Productivity Analysis* 22 (1-2), 51-71.

### **Books**

- Orea, L., Pérez, J.A., Roibás, D., Wall, A. (2015). Comportamiento medioambiental y competitividad de las explotaciones lecheras asturianas, Ediciones de la Universidad de Oviedo, ISBN: 978-84-16343-29-4.

### **Chapters in books**

- Tovar, B., Wall, A. (2017). Competition strategies in the Spanish port system and their relationship with port authority efficiency. In *Port Management: Cases in Port Geography, Operations and Policy* (eds. Pettit, S., Beresford, A.). Kogan Page, London.
- Orea, L., Wall, A. (2017). Measuring eco-efficiency using the stochastic frontier analysis approach”, in *Advances in Efficiency and Productivity* (eds. Aparicio, J., Lovell, C.A.K., Pastor, J.), Springer, Netherlands.

### **Recent Research Projects**

*Title:* Strategies for guaranteeing the sustainability of agricultural production in the present environment: investment, organic production and land concentration.  
*Financing institution:* Spanish Ministry of Economy, Industry and Competitiveness.  
*Amount of grant:* €19,360.

*Period:* January, 2018 – December, 2020.

*Principal researcher:* Alan Wall

*Title:* Sustainability and competitiveness in the dairy sector and its relation with the rural environment in the context of the new Common Agricultural Policy.

*Financing institution:* Spanish Ministry of Economy and Competitiveness.

*Amount of grant:* €21,780.

*Period:* January, 2014 – December, 2016.

*Principal researcher:* Alan Wall

*Title:* Productive and environmental performance of dairy farms: determinants, type of holdings and compatibility of economic and environmental objectives.

*Financing institution:* Spanish Ministry of Science and Innovation.

*Amount of grant:* €32,000.

*Period:* January, 2010 – December, 2013.

*Principal researcher:* Luis Orea

### **Doctoral thesis supervision**

*Student:* María Pérez-Urdiales

*Title:* Managing residential water demand: an applied econometric analysis

*Supervisors:* María Ángeles García-Valiñas and Alan Wall

*Defence:* March, 2015 (passed with “cum Laude” distinction and “*Mención internacional*”).