

CFE'11 & ERCIM'11, 17-19 December 2011, University of London, UK

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(please use lower case and Latin characters WITHOUT ANY ACCENTS. E.g. John Smith).

Corresponding author:

First Name:	Jose	Family Name	Vicente
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Presenting author:
if different from corresponding

First Name	Jose	Family Name	VICENTE	E-mail	vicentemba@gmail.com
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Co-authors:

Number of co-authors (list all the authors excluding presenting author): 2

2nd Author:

First Name	Andreia	Family Name	DIONISIO	E-mail	andreia@uevora.pt
------------	---------	-------------	----------	--------	-------------------

3rd Author:

First Name	Manuela	Family Name	OLIVEIRA	E-mail	mmoliveira@netcabo.pt
------------	---------	-------------	----------	--------	-----------------------

4nd Author:

First Name		Family Name		E-mail	
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5nd Author:

First Name		Family Name		E-mail	
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6nd Author:

First Name		Family Name		E-mail	
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7nd Author:

First Name		Family Name		E-mail	
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Topics:

Type of presentation*	Poster presentation
Organized sessions	ES42: Point processes: modelling and forecasting

Abstract: Please use plain TEXT only

Title*	The potentialities of Chinese airline market for Lisbon International Airport: the empirical modelling analysis
Keywords*	Air passengers demand, Chinese airline market, gravity model, modelling, panel data, Stata
Abstract*	In this paper we propose a comparative analysis between an empirical gravity model and a dynamic regression model with the objective to explain the potentialities of the Chinese airline market for Lisbon International Airport (air passengers demand). We confirm the viability to create some direct flights from Lisbon International Airport to Chinese airline market, with the strategy to attract the transfer passengers flow with origin on Latin America. Panel dada is used to determine the influence of the explanatory variables, on average number of passengers (air

passengers demand). The results are creating by the Stata final outputs. We also demonstrate that the dynamic regression model used in this paper is more robust and better than the empirical gravity model, often considered as a reference method in the field of aviation. The most relevant variables on the dynamic regression model are PPP (gross national income (GNI) converted to international dollars using purchasing power parity rates), Business and Trade Factor, and Tourism and Cultural Factor. Furthermore, we find some possible explanations for the results.

For invited sessions
indicate the name of organizer

Comments

Conference: ERCIM

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