



The Barcelona Graduate School of Economics hereby certifies that **Ivica Pervan** attended the Barcelona GSE Summer School 2016 Edition, participating in the following courses:

***Dynamic and Non-linear Panel Data Models*** (15 hours)  
Prof. Sergi Jimenez and JM Labeaga  
*July 4th to July 8th*

Ascribed to University Pompeu Fabra and to Universitat Autònoma de Barcelona, the Barcelona Graduate School of Economics was officially recognized by Order IUE/533/2008, of December 5, and published in the Official Gazette (DOGC) number 5278, according to Spanish Organic Law of Universities 6/2011, of December 21.

Signed and dated in Barcelona, July 7, 2016

A handwritten signature in blue ink, appearing to read "C. Kirchner", with a long horizontal line extending to the right.



Clara Kirchner  
Academic Affairs and Career Service Manager