

A mixed splicing procedure for economic time series*

Angel de la Fuente^a

January 2013

Abstract

This note develops a flexible methodology for splicing economic time series that avoids the extreme assumptions implicit in the procedures most commonly used in the literature. It allows the user to split the required correction to the older of the series being linked between its levels and growth rates on the basis of what he knows or conjectures about the persistence of the factors that account for the discrepancy between the two series that emerges at their linking point. The time profile of the correction is derived from the assumption that the error in the older series reflects the inadequate coverage of emerging sectors or activities that grow faster than the aggregate.

Keywords: linking, splicing, economic series.

JEL: C82, E01.

* This paper is part of a research project cofinanced by BBVA Research and Fundación Rafael del Pino. Additional financial support from the Spanish Ministry of Science and Innovation under project ECO2011-28348 is also gratefully acknowledged. I would like to thank the participants in the Economic History Workshop at Universidad Carlos III for their useful comments.

a: Instituto de Análisis Económico (CSIC)