

Contents

1	Public Pension Systems: Bibliometric Study of Academic Publications in Scientific Journals	1
	José Álvarez-García, Amador Durán-Sánchez, Marta Peris-Ortiz, and María de la Cruz del Río-Rama	
2	Demographic and Social Challenges in the Design of Public Pension Schemes	33
	Estefanía Alaminos, Mercedes Ayuso, and Montserrat Guillen	
3	The Public Pension Systems and the Economic Crisis	57
	Borja Encinas-Goenechea, Robert Meneu-Gaya, and María de la Cruz del Río-Rama	
4	Pensions, Economic Growth and Welfare in Advanced Economies	81
	Enrique Devesa and Rafael Doménech	
5	Pension Systems and Labour Market Participation in European Countries	105
	Filip Chybalski	
6	Sustainability of Public Pension Systems	125
	José Enrique Devesa-Carpio, Beatriz Rosado-Cebrian, and José Álvarez-García	
7	Equity of Public Pension System	155
	Robert Meneu-Gaya, Borja Encinas-Goenechea, and Inmaculada Domínguez-Fabián	
8	Adequacy of Public Pension Systems	173
	Beatriz Rosado-Cebrian, Marta Peris-Ortiz, and Carlos Rueda-Armengot	

9	Longevity Insurance Benefits for Social Security: International Experience	193
	John A. Turner, Gerard Hughes, Agnieszka Chłoń-Domińczak, and David M. Rajnes	
10	The French Mandatory Occupational Pension Scheme: History and Properties of a Point System	211
	Frédéric Gannon, Florence Legros, and Vincent Touzé	
11	Last Lessons Learned from the Swedish Public Pension System	235
	María del Carmen Boado-Penas, Poontavika Naka, and Ole Settergren	
12	The New Wave of Pension Reforms in Latin America	255
	Carmelo Mesa-Lago and Diego Valero	
13	Financial Sustainability of the Algerian Retirement System: A Perspective Analysis of the 50 Coming Years	275
	Farid Flici and Frédéric Planchet	
14	Pension Design and Risk Sharing: Mixed Solutions Between Defined Benefit and Defined Contribution for Public Pension Schemes	311
	Pierre Devolder and Sébastien de Valeriola	
15	Automatic Balancing Mechanisms for Pay-As-You-Go Pension Finance: Do They Actually Work?	341
	María del Carmen Boado-Penas, Humberto Godínez-Olivares, and Steven Haberman	
16	The Role of Complementary Pensions	359
	Mercedes Ayuso, Montserrat Guillen, and Diego Valero	
17	A Two-Regime Performance Test of the Mexican Public Pension Funds (SIEFOREs)	377
	Oscar V. De la Torre-Torres, Evaristo Galeana-Figueroa, and Dora Aguila-socho-Montoya	
18	Regime-Switching in the Volatility of Mexican Pension Fund Returns	397
	Francisco López-Herrera, Marissa R. Martínez-Preece, and Roberto Joaquín Santillán-Salgado	
19	Critical Issues of Public Pension System: The Italian Case	427
	Roberta Melis and Alessandro Trudda	

Reinventing Social Security: Towards a Two-Step Mixed Pension System 441

Inmaculada Domínguez-Fabián, Francisco del Olmo-García,
and José Antonio Herce-San Miguel

Index 473

Inmaculada Domínguez-Fabián, Francisco del Olmo-García, María del Pilar Ortiz,
and José Antonio Herce-San Miguel

Abstract One of the main components of the so-called welfare state is Public Social Security, whose study is provided as a stage of a country's political, economic, demographic and culture. There is now an increasing global debate on the future of social security, especially in countries with ageing populations, high life expectancy and low birth rates. Thus, the purpose of this chapter is to shed the current state of scientific production on Public Pension Systems through a narrative bibliometric study of indexed documents in WoS and Scopus databases with aspects such as countries, journals, keywords, coverage, overlap, clusters and co-occurrence of articles. To do this, an approach is advanced, which by means of a representative set of 236 articles until 2015 that formed the database of studies in social security were selected. In view of the results, the conclusion is that although the WoS and Scopus database differ in terms of sources, data, keywords and coverage, they both have a similar trend in terms of clusters and co-occurrence, and the results of their analysis are in many aspects similar. Scopus having greater coverage in the specific area of Public Pension Systems, collecting more journals, papers and keywords.

Keywords Public Pension Systems · WoS · Scopus · Bibliometric study · Coverage · Overlap

Francisco del Olmo-García (✉)
Economic and Accounting Department, University of Cantabria, Spain
e-mail: fdelolmo@ucn.es

Francisco del Olmo-García
Economic Department, University of Valladolid, Valladolid, Spain
e-mail: fdelolmo@uva.es

Francisco del Olmo-García
Economic Department, University of Valladolid, Valladolid, Spain
e-mail: fdelolmo@uva.es

Francisco del Olmo-García
Economic Department, University of Valladolid, Valladolid, Spain
e-mail: fdelolmo@uva.es