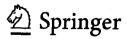
Klára Hulíková Tesárková Olga Kurtinová

Lexis in Demography



Contents

1			On	1
2			ector Richard Albrecht Lexis' Life and Work	9
3	in I)emogr	nd Definitions of the Most Important Terms aphic Analysis	11 14
4	Dev	elopme	nt of the Demographic Grid: Did Lexis Invent	
	the 4.1		Diagram? Back in Time Looking for the Roots	15
		_	Lexis Diagram	15
		4.1.1	Year 1869 and Zeuner's Three-Dimensional	
			Visualization of Demographic Data	16
		4.1.2	Year 1874—Knapp, the Inventor of Lifelines?	22
			Year 1874—Becker Develops the Idea	24
		4.1.4 4.1.5	Year 1875 and Lexis Enters the Scene	28
			Approach	35
		4.1.6	End of the Nineteenth Century—Perozzo (1880)	
			Returns the Third Dimension Inspired by Berg (1865)	38
		4.1.7	Going Back to 1870—Is Brasche the Author	
			of the "Lexis Diagram"?	41
		4.1.8	Year 1875—Verwey Introduces	
			"Geometrical Figuring"	44
		4.1.9	Half of the Twentieth Century and Pressat Nearly	
			Reinvented the Demographic Grid	46

	4.2 Practical Example of the Usage of Various Forms		47
	of the Demographic Grid		47
	4.3 Summary of the Historical Development of the "Lexis		<i>5</i> 4
	Diagram		54
	References		58
5	5 Life Table as One of the Most Important Models		
	in Demography: Construction of the Life Table in General	ral	61
	5.1 Description of the Life Table Functions		64
	References		73
	References		,,
6		_	75
6		_	75
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples	ch	75
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications.	ch	
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications	ch	75
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications. 6.1 Demographic Visualization in the SAS Software	ch	75 78
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications. 6.1 Demographic Visualization in the SAS Software	ch	75 78 81 83
6	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications. 6.1 Demographic Visualization in the SAS Software	ch	75 78 81 83 85
6 7	6 Application of "Lexis" Diagram: Contemporary Approact to Demographic Visualization and Selected Examples of Software Applications. 6.1 Demographic Visualization in the SAS Software. 6.2 Demographic Visualization in R. 6.3 Demographic Visualization in Stata References.	ch	75 78 81 83