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Titolo	Lexical Collocation Analysis : Advances and Applications / / edited by Pascual Cantos-Gómez, Moisés Almela-Sánchez
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Collana	Quantitative Methods in the Humanities and Social Sciences, , 2199-0956
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Soggetti	Statistics Computational linguistics Corpora (Linguistics) Statistics for Social Sciences, Humanities, Law Computational Linguistics Corpus Linguistics
Lingua di pubblicazione	Inglese
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Nota di contenuto	Introduction -- Chapter 1. Is language a collostruction? – A Proposal for looking at collocations, valency, argument structure and other constructions -- Chapter 2. Bridging collocational and syntactic analysis -- Chapter 3. Network analysis techniques applied to dictionaries for identifying semantics in lexical Spanish collocations -- Chapter 4. Collocation graphs and networks: Selected applications -- Chapter 5. Multi-word expressions: A novel computational approach to their bottom-up statistical extraction -- Chapter 6 Collocation candidate extraction from dependency-annotated corpora. Exploring the differences between parsers and dependency annotation schemes.
Sommario/riassunto	This book re-examines the notion of word associations, more precisely collocations. It attempts to come to a potentially more generally applicable definition of collocation and how to best extract, identify and measure collocations. The book highlights the role played by (i) automatic linguistic annotation (part-of-speech tagging, syntactic parsing, etc.), (ii) using semantic criteria to facilitate the identification

of collocations, (iii) multi-word structured, instead of the widespread assumption of bipartite collocational structures, for capturing the intricacies of the phenomenon of syntagmatic attraction, (iv) considering collocation and valency as near neighbours in the lexis-grammar continuum and (v) the mathematical properties of statistical association measures in the automatic extraction of collocations from corpora. This book is an ideal guide to the use of statistics in collocation analysis and lexicography, as well as a practical text to the development of skills in the application of computational lexicography. Lexical Collocation Analysis: Advances and Applications begins with a proposal for integrating both collocational and valency phenomena within the overarching theoretical framework of construction grammar. Next the book makes the case for integrating advances in syntactic parsing and in collocational analysis. Chapter 3 offers an innovative look at complementing corpus data and dictionaries in the identification of specific types of collocations consisting of restricted predicate-argument combinations. This strategy complements corpus collocational data with network analysis techniques applied to dictionary entries. Chapter 4 explains the potential of collocational graphs and networks both as a visualization tool and as an analytical technique. Chapter 5 introduces MERGE (Multi-word Expressions from the Recursive Grouping of Elements), a data-driven approach to the identification and extraction of multi-word expressions from corpora. Finally the book concludes with an analysis and evaluation of factors influencing the performance of collocation extraction methods in parsed corpora.
