
Handbook Of Linguistic Annotation

Springer

First International Conference, LDK 2017, Galway, Ireland, June 19-20, 2017,

Proceedings

A Corpus Framework

Methods in Pragmatics

Anaphora Resolution

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A Practical Handbook of Corpus Linguistics

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Theory and methods for building repositories of figurative language
JURIX 2018: The Thirty-first Annual Conference
9th International Conference, LACL 2016, Nancy, France, December 5-7, 2016,
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The Concise Encyclopedia of Applied Linguistics
The Open Handbook of Linguistic Data Management
Insights from the Margins
43rd European Conference on IR Research, ECIR 2021, Virtual Event, March 28 – April
1, 2021, Proceedings, Part II
A Human-Centered Design Process Grounded in Embodied Cognition, Semiotics, and
Visual Perception
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ABC of Bioinformatics
International Handbook of Computer-Supported Collaborative Learning

Universal, Intuitive, and Permanent Pictograms
A Corpus-Driven Approach to Language Contact
Algorithms, Resources, and Applications
Functions, Differentiation, Systematization
Head-Driven Phrase Structure Grammar
Handbook of Linguistic Annotation
The Bloomsbury Handbook of Discourse Analysis
Fourth International Workshop, SFCM 2015, Stuttgart, Germany, September 17-18,
2015. Proceedings

*Handbook Of Linguistic
Annotation Springer*

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PRESTON CURTIS

**First International Conference, LDK
2017, Galway, Ireland, June 19-20,
2017, Proceedings** Springer

This book proposes a corpus-driven
approach to language contact based on
the study of endangered languages.

Drawing on variationist and language
contact frameworks, it presents an
analysis of spoken corpora from Europe
and Mexico using a combination of
criteria. The aim of this approach is to
establish patterns of multilingual speech
prevailing in different communities and
allow for crosslinguistic comparison.
A Corpus Framework Routledge
This handbook is a comprehensive

practical resource on corpus linguistics. It features a range of basic and advanced approaches, methods and techniques in corpus linguistics, from corpus compilation principles to quantitative data analyses. The Handbook is organized in six Parts. Parts I to III feature chapters that discuss key issues and the know-how related to various topics around corpus design, methods and corpus types. Parts IV-V aim to offer a user-friendly introduction to the quantitative analysis of corpus data: for each statistical technique discussed, chapters provide a practical guide with R and come with supplementary online material. Part VI focuses on how to write a corpus linguistic paper and how to meta-analyze corpus linguistic research. The volume

can serve as a course book as well as for individual study. It will be an essential reading for students of corpus linguistics as well as experienced researchers who want to expand their knowledge of the field.

Methods in Pragmatics Routledge
Offers a wide-ranging overview of the issues and research approaches in the diverse field of applied linguistics. Applied linguistics is an interdisciplinary field that identifies, examines, and seeks solutions to real-life language-related issues. Such issues often occur in situations of language contact and technological innovation, where language problems can range from explaining misunderstandings in face-to-face oral conversation to designing automated speech recognition systems

for business. The Concise Encyclopedia of Applied Linguistics includes entries on the fundamentals of the discipline, introducing readers to the concepts, research, and methods used by applied linguists working in the field. This succinct, reader-friendly volume offers a collection of entries on a range of language problems and the analytic approaches used to address them. This abridged reference work has been compiled from the most-accessed entries from The Encyclopedia of Applied Linguistics (www.encyclopediaofappliedlinguistics.com), the more extensive volume which is available in print and digital format in 1000 libraries spanning 50 countries worldwide. Alphabetically-organized and updated entries help readers gain an

understanding of the essentials of the field with entries on topics such as multilingualism, language policy and planning, language assessment and testing, translation and interpreting, and many others. Accessible for readers who are new to applied linguistics, The Concise Encyclopedia of Applied Linguistics: Includes entries written by experts in a broad range of areas within applied linguistics Explains the theory and research approaches used in the field for analysis of language, language use, and contexts of language use Demonstrates the connections among theory, research, and practice in the study of language issues Provides a perfect starting point for pursuing essential topics in applied linguistics Designed to offer readers an introduction

to the range of topics and approaches within the field, The Concise Encyclopedia of Applied Linguistics is ideal for new students of applied linguistics and for researchers in the field.

Anaphora Resolution Oxford University Press

The two-volume set LNAI 10245 and LNAI 10246 constitutes the refereed proceedings of the 16th International Conference on Artificial Intelligence and Soft Computing, ICAISC 2017, held in Zakopane, Poland in June 2017. The 133 revised full papers presented were carefully reviewed and selected from 274 submissions. The papers included in the second volume are organized in the following five parts: data mining; artificial intelligence in modeling,

simulation and control; various problems of artificial intelligence; special session: advances in single-objective continuous parameter optimization with nature-inspired algorithms; special session: stream data mining.

Linguistic Linked Data Springer
Head-Driven Phrase Structure Grammar (HPSG) is a constraint-based or declarative approach to linguistic knowledge, which analyses all descriptive levels (phonology, morphology, syntax, semantics, pragmatics) with feature value pairs, structure sharing, and relational constraints. In syntax it assumes that expressions have a single relatively simple constituent structure. This volume provides a state-of-the-art introduction to the framework. Various

chapters discuss basic assumptions and formal foundations, describe the evolution of the framework, and go into the details of the main syntactic phenomena. Further chapters are devoted to non-syntactic levels of description. The book also considers related fields and research areas (gesture, sign languages, computational linguistics) and includes chapters comparing HPSG with other frameworks (Lexical Functional Grammar, Categorical Grammar, Construction Grammar, Dependency Grammar, and Minimalism).

Spotting Data Points with Artificial Intelligence Language Science Press

CSCL has in the past 15 years (and often in conjunction with Springer) grown into a thriving and active community. Yet, lacking is a comprehensive CSCL

handbook that displays the range of research being done in this area. This handbook will provide an overview of the diverse aspects of the field, allowing newcomers to develop a sense of the entirety of CSCL research and for existing community members to become more deeply aware of work outside their direct area. The handbook will also serve as a ready reference for foundational concepts, methods, and approaches in the field. The chapters are written in such a way that each of them can be used in a stand-alone fashion while also serving as introductory readings in relevant study courses or in teacher education. While some CSCL-relevant topics are addressed in the International Handbook of the Learning Sciences and the International Handbook of

Collaborative Learning, these books do not aim to present an integrated and comprehensive view of CSCL. The International Handbook of Computer-Supported Collaborative Learning covers all relevant topics in CSCL, particularly recent developments in the field, such as the rise of computational approaches and learning analytics.

A Practical Handbook of Corpus Linguistics Springer Nature

This book constitutes the refereed proceedings of the 4th International Workshop on Systems and Frameworks for Computational Morphology, SFCM 2015, held in Stuttgart, Germany, in September 2015. The 5 revised full papers and 5 short papers presented were carefully reviewed and selected from 16 submissions. The SFCM

Workshops focus on linguistically motivated morphological analysis and generation, computational frameworks for implementing such systems, and linguistic frameworks suitable for computational implementation. SFCM 2015 and the papers presented in this volume aim at broadening the scope to include research on very underresourced languages, interactions between computational morphology and formal, quantitative, and descriptive morphology, as well as applications of computational morphology in the Digital Humanities.

Negation and Speculation Detection
MIT Press

Methods in Pragmatics provides a systematic overview of the different types of data, the different methods of

data collection and data analysis used in pragmatic research. It offers authoritative and comprehensive surveys of the entire breadth of methods and methodologies. Part 1 covers introspectional, philosophical and cognitive pragmatics. Part 2 is devoted to experimental pragmatics, including discourse completion and dialogue construction tasks, role-plays and other production and comprehension tasks. Part 3 reviews observational pragmatics including ethnographic and discourse analytic methods, and part 4, finally, is devoted to corpus pragmatics including accounts of corpus compilation, annotation and data retrieval specific to pragmatic research. Each contribution provides a state-of-the-art account of the precise workings of one particular

method, its applications in the relevant research literature as well as a critical assessment of its strengths and weaknesses and the type of pragmatic research questions for which it is most suitable.

Multiword expressions at length and in depth Routledge

This book addresses the research, analysis, and description of the methods and processes that are used in the annotation and processing of language corpora in advanced, semi-advanced, and non-advanced languages. It provides the background information and empirical data needed to understand the nature and depth of problems related to corpus annotation and text processing and shows readers how the linguistic elements found in texts are analyzed

and applied to develop language technology systems and devices. As such, it offers valuable insights for researchers, educators, and students of linguistics and language technology.

The Routledge Handbook of Metaphor and Language Walter de Gruyter GmbH & Co KG

The Routledge Handbook of Corpus Linguistics 2e provides an updated overview of a dynamic and rapidly growing area with a widely applied methodology. Over a decade on from the first edition of the Handbook, this collection of 47 chapters from experts in key areas offers a comprehensive introduction to both the development and use of corpora as well as their ever-evolving applications to other areas, such as digital humanities,

sociolinguistics, stylistics, translation studies, materials design, language teaching and teacher development, media discourse, discourse analysis, forensic linguistics, second language acquisition and testing. The new edition updates all core chapters and includes new chapters on corpus linguistics and statistics, digital humanities, translation, phonetics and phonology, second language acquisition, social media and theoretical perspectives. Chapters provide annotated further reading lists and step-by-step guides as well as detailed overviews across a wide range of themes. The Handbook also includes a wealth of case studies that draw on some of the many new corpora and corpus tools that have emerged in the last decade. Organised across four

themes, moving from the basic start-up topics such as corpus building and design to analysis, application and reflection, this second edition remains a crucial point of reference for advanced undergraduates, postgraduates and scholars in applied linguistics.

Statistical Methods for Annotation

Analysis Elsevier

Artificial intelligence as applied to the legal domain has gained momentum thanks to the large, annotated corporate legal and case-law collections, human chats, and social media information now available in open data. Often represented in XML or other Semantic Web technologies, these now make it possible to use the AI theory developed by the JURIX community in over thirty years of research. Innovative machine

and deep-learning techniques with which to classify legal texts and detect terms, principles, concepts, evidence, named entities, and rules are also emerging, and the last five years have seen a gradual increase in their practical application. This book presents papers from the 31st International Conference on Legal Knowledge and Information Systems (JURIX 2018), held in Groningen, the Netherlands, in December 2018. The support of the Dutch Foundation for Legal Knowledge Based Systems for the JURIX conference has transformed a domestic workshop into an international event, with theoretical contributions, applied work, demo prototypes, a hackathon, and a doctoral consortium. Of the 72 submissions received, 17 full papers and

11 short papers were selected for publication, representing an acceptance rate of approximately 38%. Machine learning for the legal domain prevails in the JURIX 2018 program, with traditional research mainstreams concerning legal reasoning and argumentation, natural-language processing, legal-text retrieval, and legal semantic modelling. An emerging topic is blockchain, which has graduated from the workshop area to the main program. The book offers an overview of the ways in which innovative information technologies are merging with legal theory, argumentation, and practice.

Language Corpora Annotation and Processing Language Science Press

This book is an innovative guide to quantitative, corpus-based research in

historical and diachronic linguistics. Gard B. Jensen and Barbara McGillivray argue that, although historical linguistics has been successful in using the comparative method, the field lags behind other branches of linguistics with respect to adopting quantitative methods. Here they provide a theoretically agnostic description of a new framework for quantitatively assessing models and hypotheses in historical linguistics, based on corpus data and using case studies to illustrate how this framework can answer research questions in historical linguistics. The authors offer an in-depth explanation and discussion of the benefits of working with quantitative methods, corpus data, and corpus annotation, and the advantages of open and reproducible

research. The book will be a valuable resource for graduate students and researchers in historical linguistics, as well as for all those working with linguistic corpora.

Rarely Used Structures and Lesser-Studied Languages Springer

Negation and speculation detection is an emerging topic that has attracted the attention of many researchers, and there is clearly a lack of relevant textbooks and survey texts. This book aims to define negation and speculation from a natural language processing perspective, to explain the need for processing these phenomena, to summarise existing research on processing negation and speculation, to provide a list of resources and tools, and to speculate about future developments

in this research area. An advantage of this book is that it will not only provide an overview of the state of the art in negation and speculation detection, but will also introduce newly developed data sets and scripts. It will be useful for students of natural language processing subjects who are interested in understanding this task in more depth and for researchers with an interest in these phenomena in order to improve performance in other natural language processing tasks.

Metaphor and Metonymy in the Digital Age Walter de Gruyter GmbH & Co KG




The Routledge Handbook of Metaphor and Language provides a comprehensive overview of state-of-the-art interdisciplinary research on metaphor

and language. Featuring 35 chapters written by leading scholars from around the world, the volume takes a broad view of the field of metaphor and language, and brings together diverse and distinct theoretical and applied perspectives to cover six key areas: Theoretical approaches to metaphor and language, covering Conceptual Metaphor Theory, Relevance Theory, Blending Theory and Dynamical Systems Theory; Methodological approaches to metaphor and language, discussing ways of identifying metaphors in verbal texts, images and gestures, as well as the use of corpus linguistics; Formal variation in patterns of metaphor use across text types, historical periods and languages; Functional variation of metaphor, in contexts including educational,

commercial, scientific and political discourse, as well as online trolling; The applications of metaphor for problem solving, in business, education, healthcare and conflict situations; Language, metaphor, and cognitive development, examining the processing and comprehension of metaphors. The Routledge Handbook of Language and Metaphor is a must-have survey of this key field, and is essential reading for those interested in language and metaphor.

Endangered Languages in a Comparative Perspective Springer
Nature

The term 'annotation' is associated in the Humanities and Technical Sciences with different concepts that vary in coverage, application and direction but

which also have instructive parallels. This publication mirrors the increasing cooperation that has been taking place between the two disciplines within the scope of the digitalization of the Humanities. It presents the results of an international conference on the concept of annotation that took place at the University of Wuppertal in February 2019. This publication reflects on different practices and associated concepts of annotation in an interdisciplinary perspective, puts them in relation to each other and attempts to systematize their commonalities and divergences. The following dynamic visualizations allow an interactive navigation within the volume based on keywords: Wordcloud , Matrix , Edge Bundling 

Legal Knowledge and Information Systems Walter de Gruyter GmbH & Co KG

This book presents the fundamentals and advances in the field of data visualization and knowledge engineering, supported by case studies and practical examples. Data visualization and engineering has been instrumental in the development of many data-driven products and processes. As such the book promotes basic research on data visualization and knowledge engineering toward data engineering and knowledge. Visual data exploration focuses on perception of information and manipulation of data to enable even non-expert users to extract knowledge. A number of visualization techniques are used in a variety of

systems that provide users with innovative ways to interact with data and reveal patterns. A variety of scalable data visualization techniques are required to deal with constantly increasing volume of data in different formats. Knowledge engineering deals with the simulation of the exchange of ideas and the development of smart information systems in which reasoning and knowledge play an important role. Presenting research in areas like data visualization and knowledge engineering, this book is a valuable resource for students, scholars and researchers in the field. Each chapter is self-contained and offers an in-depth analysis of real-world applications. It discusses topics including (but not limited to) spatial data visualization;

biomedical visualization and applications; image/video summarization and visualization; perception and cognition in visualization; visualization taxonomies and models; abstract data visualization; information and graph visualization; knowledge engineering; human-machine cooperation; metamodeling; natural language processing; architectures of database, expert and knowledge-based systems; knowledge acquisition methods; applications, case studies and management issues: data administration issues and knowledge; tools for specifying and developing data and knowledge bases using tools based on communication aspects involved in implementing, designing and using KBSs in cyberspace; Semantic Web.

Handbook of Empirical Literary Studies
Elsevier

Handbook of Linguistic
Annotation Springer

The View from Turkish Routledge
The Routledge Handbook of Chinese Applied Linguistics is written for those wanting to acquire comprehensive knowledge of China, the diaspora and the Sino-sphere communities through Chinese language. It examines how Chinese language is used in different contexts, and how the use of Chinese language affects culture, society, expression of self and persuasion of others; as well as how neurophysiological aspects of language disorder affect how we function and how the advance of technology changes the way the Chinese language is used and

perceived. The Handbook concentrates on the cultural, societal and communicative characteristics of the Chinese language environment. Focusing on language use in action, in context and in vivo, this book intends to lay empirical grounds for collaboration and synergy among different fields.

Language, Data, and Knowledge
Springer

The Routledge Handbook of Second Language Acquisition and Corpora is a state-of-the-art collection of cutting-edge scholarship at the intersection of second language acquisition and learner corpus research. It draws on data-driven, statistical analysis to outline the background, methods, and outcomes of language learning, with a range of global experts providing detailed guidelines

and findings. The volume is organized into five sections: Methodological and theoretical contributions to the study of learner language using corpora – setting the scene Key aspects in corpus design, annotation, and analysis for SLA Corpora in SLA theory and practice SLA constructs and corpora Future directions This is a ground-breaking collection of essays offering incisive and essential reading for anyone with an interest in second language acquisition, learner corpus research, and applied linguistics. *Interpreting language-learning data* John Benjamins Publishing Company Labelling data is one of the most fundamental activities in science, and has underpinned practice, particularly in medicine, for decades, as well as research in corpus linguistics since at

least the development of the Brown corpus. With the shift towards Machine Learning in Artificial Intelligence (AI), the creation of datasets to be used for training and evaluating AI systems, also known in AI as corpora, has become a central activity in the field as well. Early AI datasets were created on an ad-hoc basis to tackle specific problems. As larger and more reusable datasets were created, requiring greater investment, the need for a more systematic approach to dataset creation arose to ensure increased quality. A range of statistical methods were adopted, often but not exclusively from the medical sciences, to ensure that the labels used were not subjective, or to choose among different labels provided by the coders. A wide variety of such methods is now in

regular use. This book is meant to provide a survey of the most widely used among these statistical methods supporting annotation practice. As far as the authors know, this is the first book attempting to cover the two families of methods in wider use. The first family of methods is concerned with the development of labelling schemes and, in particular, ensuring that such schemes are such that sufficient agreement can be observed among the coders. The second family includes methods developed to analyze the

output of coders once the scheme has been agreed upon, particularly although not exclusively to identify the most likely label for an item among those provided by the coders. The focus of this book is primarily on Natural Language Processing, the area of AI devoted to the development of models of language interpretation and production, but many if not most of the methods discussed here are also applicable to other areas of AI, or indeed, to other areas of Data Science.