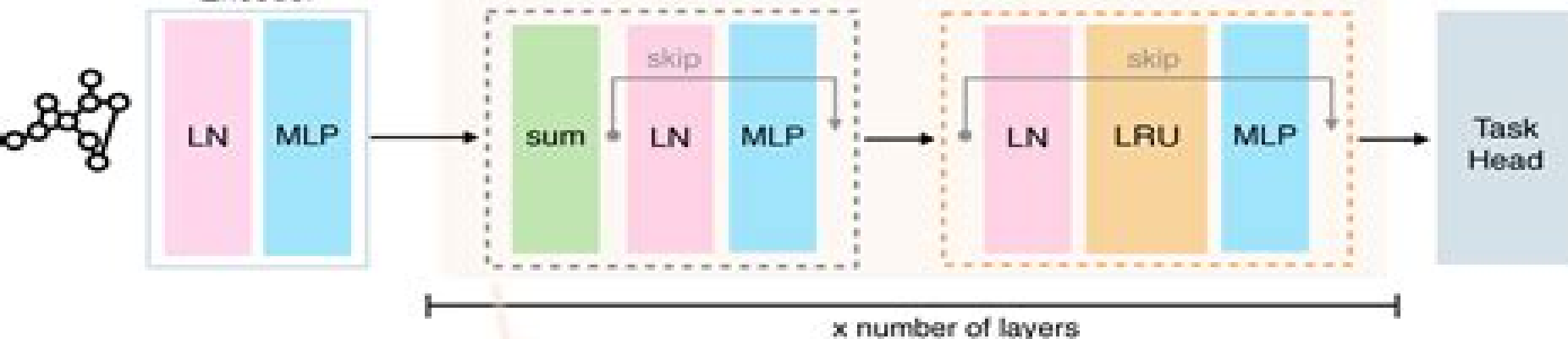
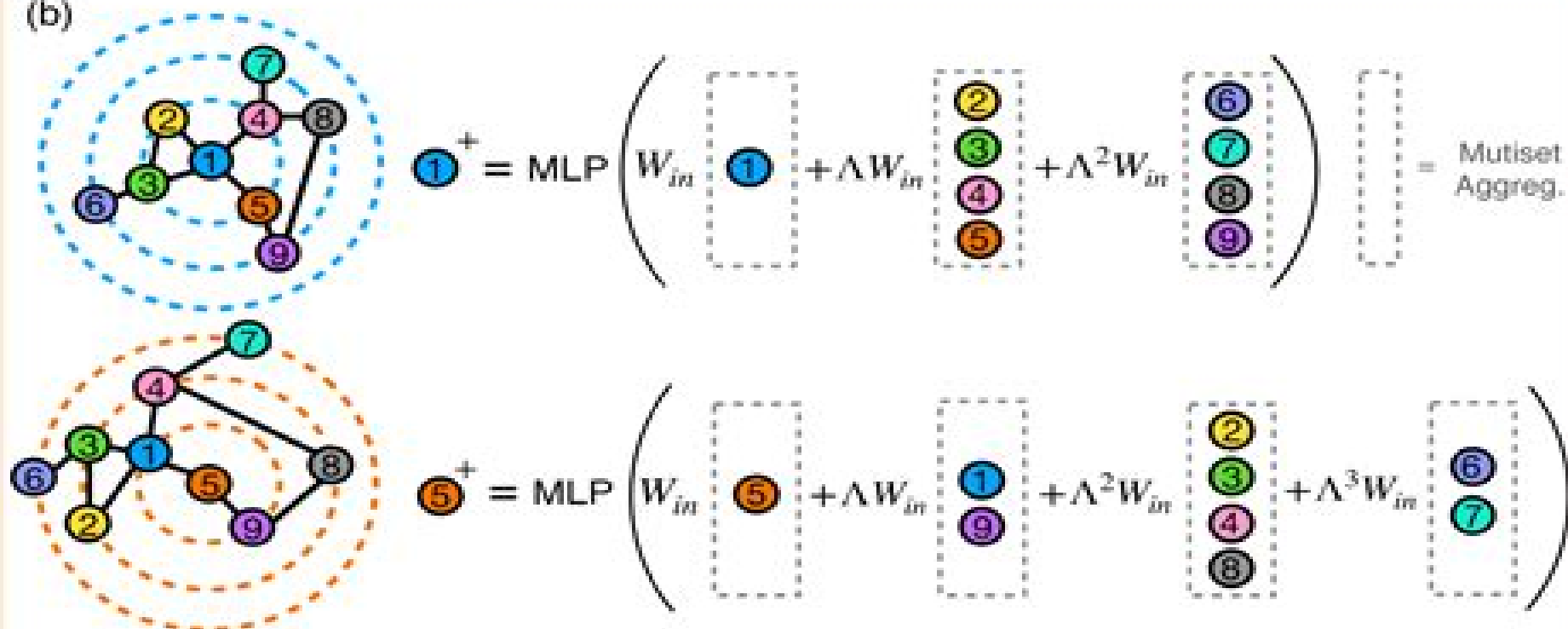


Graph Recurrent Encoding by Distance (GRED) block

(a)



(b)



Long Distance Dependencies

Grant Goodall



Long Distance Dependencies:

Understanding Minimalist Syntax Cedric Boeckx, 2009-02-04 Understanding Minimalist Syntax introduces the logic of the Minimalist Program by analyzing well known descriptive generalizations about long distance dependencies. An introduction to the logic of the minimalist program arguably the most important branch of syntax. Proposes a new theory of how long distance dependencies are formed with implications for theories of locality and the minimalist program as a whole. Introduces the logic of the minimalist program by analyzing well known descriptive generalizations about long distance dependencies and asks why they should be true of natural languages. Rich in empirical coverage which will be welcomed by experts in the field yet accessible enough for students looking for an introduction to the minimalist program.

Long-Distance Dependencies Mihoko Zushi, 2013-10-31 This book investigates the theory of locality within the framework of minimalism with a special focus on restructuring and other related phenomena that exhibit an apparent violation of the strictly local conditions.

Subjects and Universal Grammar Yehuda N. Falk, 2006-08-10 The subject of a sentence is a concept that presents great challenges to linguists. Most languages have something which looks like a subject but subjects differ across languages in their nature and properties making them an interesting phenomenon for those seeking linguistic universals. This pioneering volume addresses subject nature from a simultaneously formal and typological perspective. Dividing the subject into two distinct grammatical functions it shows how the nature of these functions explains their respective properties and argues that the split in properties shown in ergative languages whereby the subject of intransitive verbs is marked as an object results from the functions being assigned to different elements of the clause. Drawing on data from a typologically wide variety of languages including English, Hebrew, Tagalog, Inuit and Acehnese it explains why even in the case of very different languages certain core properties can be found.

A Guide to Doing Statistics in Second Language Research Using SPSS Jenifer Larson-Hall, 2009-09-10 This valuable book shows second language researchers how to use the statistical program SPSS to conduct statistical tests frequently done in SLA research. Using data sets from real SLA studies. *A Guide to Doing Statistics in Second Language Research Using SPSS* shows newcomers to both statistics and SPSS how to generate descriptive statistics, how to choose a statistical test and how to conduct and interpret a variety of basic statistical tests. It covers the statistical tests that are most commonly used in second language research including chi square, t tests, correlation, multiple regression, ANOVA and non parametric analogs to these tests. The text is abundantly illustrated with graphs and tables depicting actual data sets and exercises throughout the book help readers understand concepts such as the difference between independent and dependent variables and work out statistical analyses. Answers to all exercises are provided on the book's companion website along with sample data sets and other supplementary material.

The Oxford Reference Guide to Lexical Functional Grammar Mary Dalrymple, John J. Lowe, Louise Mycock, 2019-10-02 This volume is the most comprehensive reference work to date on Lexical Functional Grammar. The authors provide detailed and extensive

coverage of the analysis of syntax semantics morphology prosody and information structure and how these aspects of linguistic structure interact in the nontransformational framework of LFG The book is divided into three parts The first part examines the syntactic theory and formal architecture of LFG with detailed explanations and comprehensive illustration providing an unparalleled introduction to the fundamentals of the theory Part two explores non syntactic levels of linguistic structure including the syntax semantics interface and semantic representation argument structure information structure prosodic structure and morphological structure and how these are related in the projection architecture of LFG Chapters in the third part illustrate the theory more explicitly by presenting explorations of the syntax and semantics of a range of representative linguistic phenomena modification anaphora control coordination and long distance dependencies The final chapter discusses LFG based work not covered elsewhere in the book as well as new developments in the theory The volume will be an invaluable reference for graduate and advanced undergraduate students and researchers in a wide range of linguistic sub fields including syntax morphology semantics information structure and prosody as well as those working in language documentation and description

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López,2007-03-28 A study on minimalist syntax this book develops an empirical argument for a crash proof computational system This framework allows for novel analyses of quirky subjects in Icelandic and Spanish indefinite SE in Spanish and different types of expletive constructions in English French German Spanish Italian and Icelandic

The Syntax-Discourse Interface Petra B. Schumacher,2005-09-22 This book combines theoretical and experimental aspects of the establishment of dependency It provides an account of dependency relations by focusing on the representation and interpretation of referentially dependent elements particularly regular reflexives logophors and pronouns First the establishment of dependency is discussed within a model of syntax discourse correspondences that predicts an economy based dependency hierarchy contingent on the level of representation at which the dependency is formed as well as the internal structure of the dependent element and its antecedent Secondly the model s predictions are substantiated by a series of experimental studies conducted in English and Dutch providing evidence from three sources of online sentence comprehension reaction time studies Broca s aphasia patient studies and event related brain potential studies The findings show that dependencies are established at distinct levels of linguistic encoding i e syntax or discourse determined by the presence or absence of coargumenthood and the representation of the dependency forming elements

Historical Linguistics 2009 Ans van

Kemenade,Nynke de Haas,2012 The International Conference on Historical Linguistics has always been a forum that reflects the general state of the art in the field and the 2009 edition held in Nijmegen The Netherlands fully allows the conclusion that the field has been thriving over the years The studies presented in this volume are an expression of ongoing theoretical discussions as well as new analytical approaches to the study of issues concerning language change Taken together they reflect some of the current challenges in the field as well as the opportunities offered by judicious use of theoretical models

and careful corpus based work The volume s contributions are organized under the following headings I General and Specific Issues of Language Change II Linguistic Variation and Change in Germanic III Linguistic Variation and Change in Greek and IV Linguistic Change in Romance

Language, Mind and Computation P. Mondal,2014-11-12 This book explores how and in what ways the relationship between language mind and computation can be conceived of given that a number of foundational assumptions about this relationship remain unacknowledged in mainstream linguistic theory yet continue to be the basis of theoretical developments and empirical advances

The Cambridge Handbook of Experimental Syntax Grant Goodall,2021-12-09 The first of its kind this Handbook provides an in depth overview of all current issues and trends in experimental syntax

Advanced Information Systems Engineering Xavier Franch,Geert Poels,Frederik Gailly,Monique Snoeck,2022-06-02 This book constitutes the refereed proceedings of the 34th International Conference on Advanced Information Systems Engineering CAiSE 2022 which was held in Leuven Belgium during June 6 10 2022 The 31 full papers included in these proceedings were selected from 203 submissions They were organized in topical sections as follows Process mining sustainable and explainable applications tools and methods to support research and design process modeling natural language processing techniques in IS engineering process monitoring and simulation graph and network models model analysis and comprehension recommender systems conceptual models metamodels and taxonomies and services engineering and digitalization

Information Integration and Web Intelligence Eric Pardede,Pari Delir Haghighi,Ismail Khalil,Gabriele Kotsis,2022-11-19 This volume includes the papers presented at the 24th International Conference on Information Integration and Web Intelligence iiWAS 2022 organized in conjunction with 24th International Conference on Advances in Mobile Computing Multimedia Intelligence MoMM2022 The dominant research focus of submitted papers was artificial intelligence and machine learning The accepted papers presented advances and innovations in an array of areas such as internet of things virtual and augmented reality various business applications iiWAS 2022 attracted 97 papers from which the Program Committee selected 26 regular papers and 25 short papers Due to safety concerns as well as other restrictions preventing travel and gatherings it was decided to organize iiWAS 2022 as a virtual conference

The Cambridge Handbook of Working Memory and Language John W. Schwieter,Zhisheng (Edward) Wen,2022-07-21 Bringing together cutting edge research this Handbook is the first comprehensive text to examine the pivotal role of working memory in first and second language acquisition processing impairments and training Authored by a stellar cast of distinguished scholars from around the world the Handbook provides authoritative insights on work from diverse multi disciplinary perspectives and introduces key models of working memory in relation to language Following an introductory chapter by working memory pioneer Alan Baddeley the collection is organized into thematic sections that discuss working memory in relation to Theoretical models and measures Linguistic theories and frameworks First language processing Bilingual acquisition and processing and Language disorders interventions and instruction The Handbook is sure to interest and benefit researchers

clinicians speech therapists and advanced undergraduate and postgraduate students in linguistics psychology education speech therapy cognitive science and neuroscience or anyone seeking to learn more about language cognition and the human mind *Intervention Effects in Sentence Processing* Sandra Villata,2024-04-11 Tailored for scholars and researchers in linguistics psycholinguistics and cognitive science this monograph embarks on an in depth exploration of the intriguing realm of long distance dependencies in human language These dependencies exhibit a compelling duality they are unbounded as they extend across an arbitrary number of words yet they are constrained by the grammar Historically linguists and psycholinguists have pursued distinct paths to account for the intricacies of these dependencies Bridging these traditions together this monograph leverages the concept of similarity focusing on two canonical phenomena in theoretical linguistics and psycholinguistics wh islands and agreement attraction These serve as test cases for an extensive empirical and theoretical investigation unraveling the interplay between formal linguistic properties and memory operations

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Second Edition is the only text available that demonstrates how to use SPSS and R as specifically related to applied linguistics and SLA research. This new edition is up to date with the most recent version of the SPSS software and now also includes coverage of R, a software program increasingly used by researchers in this field. Supported by a number of pedagogical features including tip boxes and practice activities and a wealth of screenshots, this book takes readers through each step of performing and understanding statistical research, covering the most commonly used tests in second language research, including t tests, correlation, and ANOVA. A robust accompanying website covers additional tests of interest to students and researchers, taking them step by step through carrying out these tests themselves. In this comprehensive and hands-on volume, Jenifer Larson Hall equips readers with a thorough understanding and the practical skills necessary to conducting and interpreting statistical research effectively using SPSS and R, ideal for graduate students and researchers in SLA, social sciences, and applied linguistics. For more information and materials, please visit www.routledge.com/cw/larson/hall.

Movement and Clitics Linda Escobar, Vicenç Torrens, 2010-01-08. This volume gathers selected papers from the workshops Facing Movement and Meeting Clitics held in the context of the Barcelona Linguistic Institute. The authors explore a wide variety of languages from Icelandic to Mayan, from Japanese to Russian and Italian, from various data sources: adult grammar, first and second language acquisition, developmental language disorders, and language change. The papers on movement address the issues of reconstruction in parasitic gaps, the alternation between short and long distance movement in Germanic, subextraction from subjects, *wh* in situ, in Greek word order alternations derived by movement, in bilingual acquisition, intervention effects in L2 acquisition of Chinese, multiple *wh* fronting in L2, and production of *wh* questions in L1. L2 and SLI in French. In the papers on clitics, the theoretical issues considered include the affixal character of subject clitics in L1, the morphological complexity of clitics, proclisis versus enclisis, the restrictions on cooccurrence of clitics in causative and other constructions, clitic placement in relation to L2, and language change. Clitics as demarcative markers and the acquisition of pronominal clitics in European Portuguese.

Crossroads Semantics Hilke Reckman, Lisa L.S. Cheng, Maarten Hijzelendoorn, Rint Sybesma, 2017-04-12. As language is a multifaceted phenomenon, the study of language as long as it is geared at providing a comprehensive picture of it cannot be restricted to one component or one approach. This applies to the many different components of language as well, including semantics. If we want to fully understand the phenomenon of language meaning, we must not limit our research to lexical semantics, syntax-induced meaning, or pragmatics. In order to enable ourselves to construct a consistent account of meaning, we need to extract relevant information from research done in different frameworks and from different theoretical standpoints. This volume brings together a number of computational psycholinguistic as well as theoretical studies which highlight and illustrate how research done in one subfield of linguistics can be relevant to others. The articles highlight the different ways in which one can work with different aspects of language meaning.

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