

# USING PRIMING METHODS IN SECOND LANGUAGE RESEARCH



Kim McDonough • Pavel Trofimovich

# Using Priming Methods In Second Language Research

**Wang, Congcong, Winstead, Lisa**



## **Using Priming Methods In Second Language Research:**

*Using Priming Methods in Second Language Research* Kim McDonough, Pavel Trofimovich, 2011-02-25 *Using Priming Methods in Second Language Research* is an accessible introduction to the use of auditory semantic and syntactic priming methods for second language L2 processing and acquisition research. It provides a guide for the use, design, and implementation of priming tasks and an overview of how to analyze and report priming research. Key principles about auditory semantic and syntactic priming are introduced and issues for L2 researchers to consider when designing priming studies are pointed out. Empirical studies that have adopted priming methods are highlighted to illustrate the application of experimental techniques from psychology to L2 processing and acquisition research. Each chapter concludes with follow-up questions and activities that provide additional reinforcement of the chapter content while the final chapter includes data sets that can be used to practice the statistical tests commonly used with priming data. [Applying Priming Methods to L2 Learning, Teaching and Research](#) Pavel Trofimovich, Kim McDonough, 2011 This volume features a collection of empirical studies which use priming methods to explore the comprehension, production, and acquisition of second language L2 phonology, syntax, and lexicon. The term priming refers to the phenomenon in which prior exposure to specific language forms or meanings influences a speaker's subsequent language comprehension or production. This book brings together the various strands of priming research into a single volume that specifically addresses the interests of researchers, teachers, and students interested in L2 teaching and learning. Chapters by internationally known scholars feature a variety of priming techniques, describe various psycholinguistic tasks, and focus on different domains of language knowledge and skills. The book is conceptualized with a wide audience in mind, including researchers not familiar with priming methods and their application to L2 research, graduate students in second language acquisition and related disciplines, and instructors who require readings for use in their courses. **A Guide to Doing Statistics in Second Language Research Using SPSS and R** Jenifer Larson-Hall, 2015-07-24 *A Guide to Doing Statistics in Second Language Research Using SPSS and R* 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](http://www.routledge.com/cw/larson/hall)

**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

**Conducting Reaction Time Research in Second Language Studies** Nan Jiang, 2013-06-17 This book offers a general introduction to reaction time research as relevant to Second Language Studies and explores a collection of tasks and paradigms that are often used in such research It provides a lucid explanation of the technical aspects of collecting reaction time data and outlines crucial research principles and concepts that will ensure accurate data In addition Conducting Reaction Time Research in Second Language Studies provides step by step instructions for using DMDX a software program widely used for conducting reaction time research From general guidelines to techniques to working with data this complete why and how guide for conducting reaction time research is ideal for both students beginners and more seasoned researchers

*An A-Z of Applied Linguistics Research Methods* Shawn Loewen, Luke Plonsky, 2017-09-16 Featuring an extensive set of entries covering all aspects of research methodology ranging from basic to more advanced topics this is an essential reference for applied linguists everywhere Explanations of key concepts and techniques are fully cross referenced and presented in bite sized chunks making it easy for users to look up specific terms quickly or have a brief refresher on methodological practices and related issues Concepts are further illustrated by real life examples drawn from current linguistics research This is ideal for undergraduate and postgraduate students studying applied linguistics or TESOL modules

**English Grammar Pedagogy** Barbara M. Birch, 2013-10-23 This text for ESL and ELT pedagogy courses around the world describes English grammar from a World Englishes perspective including a discussion of grammatical theory language acquisition and pedagogy using examples from academic writers

[The Routledge Handbook of Second Language Acquisition](#) Susan M. Gass, Alison Mackey, 2013-06-17 The Routledge Handbook of Second Language Acquisition brings together fifty leading international figures in the field to produce a state of the art overview of Second Language Acquisition The Handbook covers a wide range of topics related to Second Language Acquisition language in context linguistic psycholinguistic and neurolinguistic theories and perspectives skill learning individual differences L2

learning settings and language assessment All chapters introduce the reader to the topic outline the core issues then explore the pedagogical application of research in the area and possible future development The Routledge Handbook of Second Language Acquisition is an essential resource for all those studying and researching Second Language Acquisition

*Learning Vocabulary in Another Language* I. S. P. Nation, 2022-06-09 An updated expanded edition of the authoritative book on the teaching and learning of vocabulary in another language      Implicit and Explicit Learning of Languages Patrick Rebuschat, 2015-09-15 Implicit learning is a fundamental feature of human cognition Many essential skills including language comprehension and production intuitive decision making and social interaction are largely dependent on implicit unconscious knowledge Given its relevance it is not surprising that the study of implicit learning plays a central role in the cognitive sciences The present volume brings together eminent researchers from a variety of fields e g cognitive psychology linguistics education cognitive neuroscience developmental psychology in order to assess the progress made in the study of implicit and explicit learning to critically evaluate key concepts and methodologies and to determine future directions to take in this interdisciplinary enterprise The eighteen chapters in this volume are written in an accessible and engaging fashion together they provide the reader with a comprehensive snapshot of the exciting current work on the implicit and explicit learning of languages      The Handbook of the Neuroscience of Multilingualism John W. Schwieter, 2021-12-28 The definitive guide to 21st century investigations of multilingual neuroscience The Handbook of the Neuroscience of Multilingualism provides a comprehensive survey of neurocognitive investigations of multiple language speakers Prominent scholar John W Schwieter offers a unique collection of works from globally recognized researchers in neuroscience psycholinguistics neurobiology psychology neuroimaging and others to provide a multidisciplinary overview of relevant topics Authoritative coverage of state of the art research provides readers with fundamental knowledge of significant theories and methods language impairments and disorders and neural representations functions and processes of the multilingual brain Focusing on up to date theoretical and experimental research this timely handbook explores new directions of study and examines significant findings in the rapidly evolving field of multilingual neuroscience Discussions on the bilingual advantage debate recovery and rehabilitation patterns in multilingual aphasia and the neurocognitive effects of multilingualism throughout the lifespan allow informed investigation of contemporary issues Presents the first handbook length examination of the neuroscience and neurolinguistics of multilingualism Demonstrates how neuroscience and multilingualism intersect several areas of research such as neurobiology and experimental psychology Includes works from prominent international scholars and researchers to provide global perspective Reflects cutting edge research and promising areas of future study in the dynamic field of multilingual neuroscience The Handbook of the Neuroscience of Multilingualism is an invaluable resource for researchers and scholars in areas including multilingualism psycholinguistics second language acquisition and cognitive science This versatile work is also an indispensable addition to the classroom providing advanced undergraduate and graduate students a thorough

overview of the field      **Ethics in Applied Linguistics Research** Peter I. De Costa, 2015-10-16 Ethics in Applied Linguistics Research explores how ethical issues are negotiated in different areas of language research illustrating for graduate students in applied linguistics the ethical dilemmas they might encounter in the research methodology classroom and how they might be addressed This volume serves to demystify the complex ethical decision making process by its accounts of renowned researchers ethical practices as they transpired on the ground and how they negotiated externally imposed research codes The collection investigates and records the research practices of prominent international applied linguists from a wide variety of subdisciplines including discourse analysis educational linguistics heritage and minority education language planning and policy language and technology literacy second language acquisition second and foreign language pedagogy and sociolinguistics By problematizing research practices that draw on a range of methodologies Ethics in Applied Linguistics Research puts front and center the urgency to prepare the next generation of applied linguists with the tools and knowledge necessary to conduct ethical research in an increasingly globalized and networked world      **Explicit Learning in the L2 Classroom** Ronald P. Leow, 2015-02-20 Explicit Learning in the L2 Classroom offers a unique five prong theoretical empirical methodological pedagogical and model building approach to the issue of explicit learning in the L2 classroom from a student centered perspective To achieve this five prong objective the book reports the theoretical underpinnings empirical studies and the research designs employed in current research to investigate the constructs of attention and awareness in SLA with the objectives to 1 propose a model of the L2 learning process in SLA that accounts for the cognitive processes employed during this process and 2 provide pedagogical and curricular implications for the L2 classroom The book also provides a comprehensive treatise of research methodology that is aimed at not only underscoring the major features of conducting robust research designs with high levels of internal validity but also preparing teachers to become critical readers of published empirical research      The Routledge Handbook of Educational Linguistics Martha Bigelow, Johanna Ennser-Kananen, 2014-08-13 The Routledge Handbook of Educational Linguistics provides a comprehensive survey of the core and current language related issues in educational contexts Bringing together the expertise and voices of well established as well as emerging scholars from around the world the handbook offers over thirty authoritative and critical explorations of methodologies and contexts of educational linguistics issues of instruction and assessment and teacher education as well as coverage of key topics such as advocacy critical pedagogy and ethics and politics of research in educational linguistics Each chapter relates to key issues raised in the respective topic providing additional historical background critical discussion reviews of pertinent research methods and an assessment of what the future might hold This volume embraces multiple dynamic perspectives and a range of voices in order to move forward in new and productive directions making The Routledge Handbook of Educational Linguistics an essential volume for any student and researcher interested in the issues surrounding language and education particularly in multilingual and multicultural settings

Handbook of Research on Foreign Language Education in the Digital Age Wang, Congcong, Winstead, Lisa, 2016-07-13

The role of technology in the learning process can offer significant contributions to help meet the increasing needs of students. In the field of language acquisition, new possibilities for instructional methods have emerged from the integration of such innovations. The Handbook of Research on Foreign Language Education in the Digital Age presents a comprehensive examination of emerging technological tools being utilized within second language learning environments. Highlighting theoretical frameworks, multidisciplinary perspectives, and technical trends, this book is a crucial reference source for professionals, curriculum designers, researchers, and upper level students interested in the benefits of technology-assisted language acquisition.

**Advancing Methodology and Practice** Alison Mackey, Emma Marsden, 2015-11-19. Instruments for Research into Second Languages is an accessible introduction to understanding and evaluating existing and emerging methodologies in L2 research. The book provides an introduction to the data collection materials available in the IRIS database. IRIS is an open access searchable repository of instruments used to elicit data for research into second and foreign language learning and teaching. The book is aimed at graduate students, researchers, and educators in the fields of Applied Linguistics and Second Language Acquisition. Featuring contributions from top scholars in the field, this dynamic volume includes empirical research carried out using innovative instruments held in IRIS, offering insights into their basic mechanics, how and why they are used, as well as the challenges they can present. The chapters describe the kinds of data evidence about knowledge processing, interaction, learning, and motivation that result from these methods, and they discuss conditions that lead to reliable and valid data collection and analysis. This unique collection provides researchers, professionals, and students with up-to-date responses to practical and theoretical questions about how second language learning and teaching can be investigated using the IRIS database of instruments. IRIS was funded by the Economic and Social Research Council and is a long-term British Academy Research Project.

**The Routledge Handbook of Second Language Acquisition and Corpora** Nicole Tracy-Ventura, Magali Paquot, 2020-12-16. 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.

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consider these issues providing easy access to concise definitions of key terms and concepts in the study of Second Language Acquisition **The Routledge Handbook of Second Language Acquisition and Psycholinguistics** Aline

Godfroid, Holger Hopp, 2022-12-21 The Routledge Handbook of Second Language Acquisition and Psycholinguistics provides a comprehensive survey of the latest research at the intersection of linguistics cognitive psychology and applied linguistics for those seeking to understand the mental architecture and processes that shape the acquisition of additional languages The handbook represents the full complexity of second language acquisition across the lifespan spanning childhood bilinguals and adult L2 learners and is inclusive of heritage languages early bilingualism and multilingualism and language attrition An authoritative selection of diverse global leading psycholinguists synthesize the latest research to provide a thorough overview in a single volume and set the agenda for the future The volume is organized into five key parts for ease of use psycholinguistics across the lifespan methods theoretical perspectives the psycholinguistics of learning and transdisciplinary perspectives This handbook will be an indispensable resource for scholars and students of psycholinguistics second language acquisition applied linguistics bilingualism cognitive science psychology and research methodology **Second Language**

**Acquisition** Susan M. Gass, 2013-08-21 Now in a fourth edition this bestselling introductory textbook remains the cornerstone volume for the study of second language acquisition SLA Its chapters have been fully updated and reorganized where appropriate to provide a comprehensive yet accessible overview of the field and its related disciplines To reflect current developments new sections on using learner corpora semantics and morphosyntax within formal approaches to SLA sociocultural approaches gesture priming research and chaos theory have been added Students will also find expanded discussions of heritage language learning bilingualism pragmatics and much more The redesigned fourth edition of Second Language Acquisition retains the features that students found useful in the current edition but also provides new pedagogical tools that encourage students to reflect upon the experiences of second language learners As with previous editions discussion questions and problems at the end of each chapter help students apply their knowledge and a glossary defines and reinforces must know terminology This clearly written comprehensive and current textbook by expert Sue Gass is the ideal textbook for the introductory SLA course in second language studies applied linguistics linguistics TESOL and language education programs

## Decoding **Using Priming Methods In Second Language Research**: Revealing the Captivating Potential of Verbal Expression

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