Record Nr. UNINA9910788438203321

Titolo Statistical learning and language acquisition [[electronic resource] /] /

edited by Patrick Rebuschat, John N. Williams

Pubbl/distr/stampa Berlin; ; Boston, : De Gruyter Mouton, 2012

ISBN 1-283-85844-4

1-934078-23-9

Descrizione fisica 1 online resource (524 p.)

Collana Studies in second and foreign language education;; 1

Classificazione ER 925

Altri autori (Persone) RebuschatPatrick

WilliamsJohn <1960->

Disciplina 401.930113

404.2083

Soggetti Language acquisition

Linguistics - Statistical methods

Psycholinguistics
Theoretical linguistics
Applied linguistics

Lingua di pubblicazione

Inglese

Formato Materiale a stampa

Livello bibliografico Monografia

Note generali Description based upon print version of record.

Nota di bibliografia Includes bibliographical references and index.

Nota di contenuto Front matter -- Preface -- List of contributors -- Table of contents --

Introduction: Statistical learning and language acquisition / Rebuschat, Patrick / Williams, John -- Statistical-sequential learning in development / Misyak, Jennifer B. / Goldstein, Michael H. / Christiansen, Morten H. -- Bootstrapping language: Are infant statisticians up to the job? / Johnson, Elizabeth K. -- Sensitivity to statistical information begets learning in early language development / Hay, Jessica F. / Lany, Jill -- Word segmentation: Trading the (new, but poor) concept of statistical computation for the (old, but richer) associative approach / Perruchet, Pierre / Poulin-Charronnat, Bénédicte -- The road to word class acquisition is paved with distributional and sound cues / Sandoval, Michelle / Gonzales, Kalim / Gómez, Rebecca -- Linguistic constraints on statistical learning in early language acquisition / Shukla, Mohinish / Gervain, Judit / Mehler, Jacques / Nespor, Marina -- The potential contribution of statistical learning to

second language acquisition / Onnis, Luca -- Statistical learning and

syntax: What can be learned, and what difference does meaning make? / Williams, John N. / Rebuschat, Patrick -- Statistical construction learning: Does a Zipfian problem space ensure robust language learning? / Ellis, Nick C. / O'Donnell, Matthew Brook -- Can we enhance domain-general learning abilities to improve language function? / Conway, Christopher M. / Gremp, Michelle A. / Walk, Anne D. / Bauernschmidt, Althea / Pisoni, David B. -- Conscious versus unconscious learning of structure / Dienes, Zoltan -- How implicit is statistical learning? / Hamrick, Phillip / Rebuschat, Patrick -- What Bayesian modelling can tell us about statistical learning: What it requires and why it works / Perfors, Amy / Navarro, Daniel J. -- Evolutionary perspectives on statistical learning / Smith, Kenny -- Statistical learning: What can music tell us? / Loui, Psyche -- "I let the music speak": Cross-domain application of a cognitive model of musical learning / Wiggins, Geraint A. -- Index

## Sommario/riassunto

Open publication This volume brings together contributors from cognitive psychology, theoretical and applied linguistics, as well as computer science, in order to assess the progress made in statistical learning research and to determine future directions. An important objective is to critically examine the role of statistical learning in language acquisition. While most contributors agree that statistical learning plays a central role in language acquisition, they have differing views. This book will promote the development of the field by fostering discussion and collaborations across disciplinary boundaries.