

# Discourse Syntax

Discourse Syntax is the study of syntax that requires an understanding of the surrounding text and the overall discourse situation, including considerations of genre and modality. Using corpus data and insights from current research, this textbook is a comprehensive guide to this fast-developing field. It takes the reader "beyond the sentence" to study grammatical phenomena, such as word order variation, connectives, ellipsis, and complexity. It introduces the core concepts of discourse syntax, integrating insights from corpus-based research and inviting the reader to reflect on research design decisions. Each chapter begins with a definition of learning outcomes, provides results from empirical articles, and enables readers to assess data visualizations critically. Complete with helpful further reading recommendations and a range of exercises, it is geared toward intermediate to advanced students of English linguistics and is also essential reading for anyone interested in this exciting, fast-moving discipline.

Heidrun Dorgeloh is Professor of English Linguistics at the Heinrich Heine University Düsseldorf with many years of experience in teaching English syntax, discourse analysis, and the corpus-based study of language use. She has published books and journal articles on word order, syntactic variation, and genre and register.

Anja Wanner is the Enid H. Anderson Professor of English and an award-winning teacher at the University of Wisconsin–Madison. A syntactician by training, she teaches classes on the structure of English and grammar in use and has published monographs and co-edited collections on English syntax, syntactic variation, and genre.



**Discourse Syntax** 

English Grammar Beyond the Sentence

HEIDRUN DORGELOH

Heinrich Heine University Düsseldorf

ANJA WANNER

University of Wisconsin-Madison





#### CAMBRIDGE UNIVERSITY PRESS

University Printing House, Cambridge CB2 8BS, United Kingdom

One Liberty Plaza, 20th Floor, New York, NY 10006, USA

477 Williamstown Road, Port Melbourne, VIC 3207, Australia

314–321, 3rd Floor, Plot 3, Splendor Forum, Jasola District Centre, New Delhi – 110025, India

103 Penang Road, #05-06/07, Visioncrest Commercial, Singapore 238467

Cambridge University Press is part of the University of Cambridge.

It furthers the University's mission by disseminating knowledge in the pursuit of education, learning, and research at the highest international levels of excellence.

www.cambridge.org

Information on this title: www.cambridge.org/9781108471053

DOI: 10.1017/9781108557542

© Heidrun Dorgeloh and Anja Wanner 2023

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2023

A catalogue record for this publication is available from the British Library.

Library of Congress Cataloging-in-Publication Data

Names: Dorgeloh, Heidrun, author. | Wanner, Anja, author.

Title: Discourse syntax : English grammar beyond the sentence / Heidrun Dorgeloh, Anja Wanner.

Description: Cambridge, United Kingdom; New York, NY: Cambridge University Press, 2022.

Identifiers: LCCN 2022032520 | ISBN 9781108471053 (hardback) | ISBN 9781108457040 (paperback) | ISBN 9781108557542 (ebook)

Subjects: LCSH: English language – Syntax. | English language – Discourse analysis. |

BISAC: LANGUAGE ARTS & DISCIPLINES / General

Classification: LCC PE1361 .D67 2022 | DDC 425-dc23/eng/20220810 LC record available at https://lccn.loc.gov/2022032520

ISBN 978-1-108-47105-3 Hardback ISBN 978-1-108-45704-0 Paperback

Additional resources for this publication at www.cambridge.org/DiscourseSyntax

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication and does not guarantee that any content on such websites is, or will remain, accurate or appropriate.



## Contents

List of Figures	page viii
List of Tables	xi
Acknowledgments	xiii
Part I Foundations	1
1 Introduction	3
1.1 What This Book Is About	3
1.2 How This Book Connects with What You Already Know	4
1.3 How This Book Is Structured	6
2 Concepts, Data, and Methods	11
2.1 Introduction: Why Discourse Syntax?	11
2.2 Sentences vs. Utterances	16
2.3 Discourse Syntax and the Functional Tradition in Linguist	
2.4 Gathering Data for the Study of Discourse Syntax	26
2.5 Two Approaches for Studying the Relationship of Syntax	
and Discourse	32
2.6 Summary	41
2.7 Exercises	42
Part II Grammar in Discourse	49
3 Non-canonical Beginnings	51
3.1 Introduction	51
3.2 Adjuncts in Front-Position	53
3.3 NP-Fronting and Left-Dislocation	59
3.3.1 The Discourse Function of Fronting	60
3.3.2 Left-Dislocation as a Discourse Strategy	62
3.3.3 Topicality in Discourse: Fronting vs. Left-Dislocation	n 64
3.3.4 Text-Linguistic Variation of Fronting and	
Left-Dislocation	68
3.4 Reversed Argument Order: Inversion of Subject and Verb	71
3.4.1 Basic Form and Function	71

V



vi			Contents
		3.4.2 The Information-Packaging Function of Inversion	74
		3.4.3 Text-Linguistic Variation of Inversion	77
	3.5	Summary	80
	3.6	Exercises	81
4	Var	riation in the Middle	88
	4.1	Introduction	88
	4.2	Canonical and Non-canonical Argument Realization	90
	4.3	Argument Realization in the Passive	97
		4.3.1 Short vs. Long Passives	101
		4.3.2 The Role of Previous Discourse: Topic and Weight	104
	4.4	Argument Realization in the Verb-Particle Construction	112
		4.4.1 Which Pattern is Basic?	112
		4.4.2 The Role of Previous Discourse: Information Status	
		and Weight	115
		Summary	120
		Exercises	121
5	-	ecial Endings	130
		Introduction	130
	5.2	It-Extraposition	132
		5.2.1 The Information-Packaging Function	125
		of It-Extraposition	135
		5.2.2 The Role of Discourse: Extraposition	1.10
	<b>5</b> 2	or Non-extraposition?	140
	5.3	It-Clefting	143
		5.3.1 Functions of <i>It</i> -Clefting: Foregrounding, Focus, and	1.45
		Presupposition	145
	5 1	5.3.2 <i>It</i> -Clefting in Different Types of Discourse	148 153
		Summary Exercises	153
	3.3	Exercises	133
I	Part	III Grammar of Discourse	159
6	Coı	nnectives	161
	6.1	Introduction	161
	6.2	Additive Conjunction from a Variationist Perspective: Over	ert
		Marking vs. "Zero"	164
	6.3	Text-Linguistic Variation: Additive Conjunction in	
		Different Types of Discourse	169
		Connective Adjuncts	175
	6.5	Connectives in Academic Discourse	178
	6.6	Summary	182
	6.7	Exercises	183



7 Pronouns and Ellipsis 7.1 Introduction 189 7.2 Types of Pronominal Reference 7.3 Pronouns within Discourse 200 7.4 Pronouns across Types of Discourse 7.5 Types of Ellipsis 209 7.6 Subject Ellipsis: The Discourse Perspective 211 7.7 Summary 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 9 Grammary 248 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 9.3.1 Typical of Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 281  9 Grammary 281  9 Grammary 281  9 Grammary 281  9 Grammary 282  9 Grammary 286  9 Grammary 287  9 Grammary 280  9 Grammar and Reference 280  9 Grammar and Reference 281  9 Grammar and Genre 9 Grammar and Reference 282  9 Grammar and Reference 283  9 Grammar and Reference 284  9 Grammar and Genre 285  9 Grammar and Reference 286  9 Grammar and Reference 286  9 Grammar and Reference 287  9 Grammar and Reference 287  9 Grammar and Reference 288  9 Grammar and Reference 289  9 Grammar and Reference 280  9 Grammar and Reference 280  9 Grammar and Reference 281  9 Grammar and Reference 286  9 Grammar and Reference 287  9 Grammar and Reference 288  9 Grammar and Reference 289  9 Grammar and Reference 280  9 Grammar and Reference 280  9 Grammar and Reference 281  9 Grammar and Reference 281  9 Grammar and Reference 282  9 Grammar and Reference 284  9 Grammar and Reference 285  9 Gramm	Con	tents	5	vii
7.1 Introduction 7.2 Types of Pronominal Reference 7.3 Pronouns within Discourse 7.4 Pronouns across Types of Discourse 7.5 Types of Ellipsis 7.6 Subject Ellipsis: The Discourse Perspective 7.7 Summary 7.8 Exercises 8 Discourse Markers 8 Discourse Markers 8.1 Introduction 8.2 Discourse Marker: A Category of Grammar? 8.3 Variation in Position: Bracketing vs. Interactive Function of then 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 8.6 Variation in Discourse over Time: The Development of Discourse Markers 8.7 Summary 8.8 Exercises 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 2019 2020 205 205 207 207 207 215 226 227 227 227 228 229 229 229 220 220 221 221 222 222 223 224 225 225 225 226 227 227 227 228 229 229 229 229 220 220 221 221 222 222 223 222 223 224 225 225 225 226 227 227 228 229 229 229 220 220 221 221 222 222 222 222 222 222				
7.2 Types of Pronominal Reference 7.3 Pronouns within Discourse 200 7.4 Pronouns across Types of Discourse 7.5 Types of Ellipsis 209 7.6 Subject Ellipsis: The Discourse Perspective 211 7.7 Summary 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 248 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 209 211 229 230 241 242 243 244 245 246 247 248 248 248 249 249 240 240 240 241 241 241 241 242 243 244 245 245 246 247 248 248 248 248 248 248 248 248 248 248	7	Pro	nouns and Ellipsis	189
7.3 Pronouns within Discourse 7.4 Pronouns across Types of Discourse 7.5 Types of Ellipsis 7.6 Subject Ellipsis: The Discourse Perspective 7.7 Summary 7.8 Exercises 8 Discourse Markers 8 Discourse Markers 8.1 Introduction 8.2 Discourse Marker: A Category of Grammar? 8.3 Variation in Position: Bracketing vs. Interactive Function of then 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 8.6 Variation in Discourse over Time: The Development of Discourse Markers 8.7 Summary 8.8 Exercises 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 2009 211 222 223 224 225 225 226 227 227 228 229 229 229 229 220 220 221 222 221 222 222 222 222 222		7.1	Introduction	189
7.4 Pronouns across Types of Discourse 7.5 Types of Ellipsis 209 7.6 Subject Ellipsis: The Discourse Perspective 211 7.7 Summary 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 248 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 201 202 215 221 222 223 224 225 225 226 226 227 228 228 229 229 229 229 220 220 221 222 221 222 223 222 224 225 225 226 226 227 238 249 240 241 241 242 243 244 245 246 257 260 270 270 270 270 270 270 270 270 270 27		7.2	Types of Pronominal Reference	192
7.5 Types of Ellipsis 7.6 Subject Ellipsis: The Discourse Perspective 211 7.7 Summary 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 238 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 244 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 9.1 Introduction: The Role of Register and Genre 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 228		7.3	Pronouns within Discourse	200
7.6 Subject Ellipsis: The Discourse Perspective 211 7.7 Summary 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 244 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 221 222 222 223 224 225 225 226 227 227 228 238 248 249 240 240 241 241 242 243 244 245 246 247 248 248 248 248 248 248 248 248 248 248		7.4	Pronouns across Types of Discourse	205
7.7 Summary 7.8 Exercises 215 7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 248 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 225		7.5	Types of Ellipsis	209
7.8 Exercises 215 8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 238 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 244 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 270 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		7.6	Subject Ellipsis: The Discourse Perspective	211
8 Discourse Markers 222 8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 238 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 248 8.7 Summary 248 8.8 Exercises 249 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 225		7.7	Summary	215
8.1 Introduction 222 8.2 Discourse Marker: A Category of Grammar? 225 8.3 Variation in Position: Bracketing vs. Interactive Function of then 233 8.4 More Syntactic Variation: Discourse Marker Sequences 238 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 248 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 260 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 228		7.8	Exercises	215
8.2 Discourse Marker: A Category of Grammar?  8.3 Variation in Position: Bracketing vs. Interactive Function of then  8.4 More Syntactic Variation: Discourse Marker Sequences  8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing  8.6 Variation in Discourse over Time: The Development of Discourse Markers  8.7 Summary  8.8 Exercises  9 Grammar and Genre  9.1 Introduction: The Role of Register and Genre  9.2 Grammar and Medium: Written vs. Spoken Genres  9.3 A Genre and Its Grammar: Research Article Abstracts  9.3.1 Typical of the Genre: The Handling of Agentivity  9.3.2 Noun Phrase and Phrasal Complexity  9.4 Register Features of Digital Discourse  9.4.1 Digital Discourse as an Environment for Linguistic Innovation  9.4.2 Hashtags: #informationpackaging #coolstuff  9.4.3 Because X: A New Chapter in a Preposition's Life  9.5 Summary  233  225  226  2270  228  229  220  220  221  222  223  224  225  226  227  227  228  229  220  220  220  220  220  220	8	Dis	course Markers	222
8.3 Variation in Position: Bracketing vs. Interactive Function of then  8.4 More Syntactic Variation: Discourse Marker Sequences  8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing  8.6 Variation in Discourse over Time: The Development of Discourse Markers  8.7 Summary  8.8 Exercises  9 Grammar and Genre  9.1 Introduction: The Role of Register and Genre  9.2 Grammar and Medium: Written vs. Spoken Genres  9.3 A Genre and Its Grammar: Research Article Abstracts  9.3.1 Typical of the Genre: The Handling of Agentivity  9.4 Register Features of Digital Discourse  9.4.1 Digital Discourse as an Environment for Linguistic Innovation  9.4.2 Hashtags: #informationpackaging #coolstuff  9.4.3 Because X: A New Chapter in a Preposition's Life  233  233  234  235  246  247  248  254  254  254  254  254  254  254		8.1	Introduction	222
of then  8.4 More Syntactic Variation: Discourse Marker Sequences  8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing  8.6 Variation in Discourse over Time: The Development of Discourse Markers  8.7 Summary  8.8 Exercises  9 Grammar and Genre  9.1 Introduction: The Role of Register and Genre  9.2 Grammar and Medium: Written vs. Spoken Genres  9.3 A Genre and Its Grammar: Research Article Abstracts  9.3.1 Typical of the Genre: The Handling of Agentivity  9.3.2 Noun Phrase and Phrasal Complexity  9.4 Register Features of Digital Discourse  9.4.1 Digital Discourse as an Environment for Linguistic Innovation  9.4.2 Hashtags: #informationpackaging #coolstuff  9.4.3 Because X: A New Chapter in a Preposition's Life  238  238  238  238  248  249  240  249  248  259  260  270  270  270  271  272  273  274  275  275  275  275  275		8.2	Discourse Marker: A Category of Grammar?	225
8.4 More Syntactic Variation: Discourse Marker Sequences 8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing 241 8.6 Variation in Discourse over Time: The Development of Discourse Markers 244 8.7 Summary 248 8.8 Exercises 249 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		8.3	Variation in Position: Bracketing vs. Interactive Function	
8.5 The Role of Discourse Type: Functions of You Know in Speech and Writing  8.6 Variation in Discourse over Time: The Development of Discourse Markers  244  8.7 Summary  248  8.8 Exercises  248  9 Grammar and Genre  254  9.1 Introduction: The Role of Register and Genre 254  9.2 Grammar and Medium: Written vs. Spoken Genres 256  9.3 A Genre and Its Grammar: Research Article Abstracts 260  9.3.1 Typical of the Genre: The Handling of Agentivity 260  9.3.2 Noun Phrase and Phrasal Complexity 266  9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270  9.4.2 Hashtags: #informationpackaging #coolstuff 272  9.4.3 Because X: A New Chapter in a Preposition's Life 275  9.5 Summary  281			of then	233
in Speech and Writing  8.6 Variation in Discourse over Time: The Development of Discourse Markers  244  8.7 Summary 248  8.8 Exercises  9 Grammar and Genre 254  9.1 Introduction: The Role of Register and Genre 254  9.2 Grammar and Medium: Written vs. Spoken Genres 256  9.3 A Genre and Its Grammar: Research Article Abstracts 260  9.3.1 Typical of the Genre: The Handling of Agentivity 260  9.3.2 Noun Phrase and Phrasal Complexity 266  9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270  9.4.2 Hashtags: #informationpackaging #coolstuff 272  9.4.3 Because X: A New Chapter in a Preposition's Life 275  9.5 Summary 281		8.4	More Syntactic Variation: Discourse Marker Sequences	238
8.6 Variation in Discourse over Time: The Development of Discourse Markers 244 8.7 Summary 248 8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		8.5	The Role of Discourse Type: Functions of You Know	
of Discourse Markers 244  8.7 Summary 248  8.8 Exercises 248  9 Grammar and Genre 254  9.1 Introduction: The Role of Register and Genre 254  9.2 Grammar and Medium: Written vs. Spoken Genres 256  9.3 A Genre and Its Grammar: Research Article Abstracts 260  9.3.1 Typical of the Genre: The Handling of Agentivity 260  9.3.2 Noun Phrase and Phrasal Complexity 266  9.4 Register Features of Digital Discourse 270  9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270  9.4.2 Hashtags: #informationpackaging #coolstuff 272  9.4.3 Because X: A New Chapter in a Preposition's Life 275  9.5 Summary 281			in Speech and Writing	241
8.7 Summary  8.8 Exercises  9 Grammar and Genre  9.1 Introduction: The Role of Register and Genre  9.2 Grammar and Medium: Written vs. Spoken Genres  9.3 A Genre and Its Grammar: Research Article Abstracts  9.3.1 Typical of the Genre: The Handling of Agentivity  9.3.2 Noun Phrase and Phrasal Complexity  266  9.4 Register Features of Digital Discourse  9.4.1 Digital Discourse as an Environment for Linguistic Innovation  9.4.2 Hashtags: #informationpackaging #coolstuff  9.4.3 Because X: A New Chapter in a Preposition's Life  9.5 Summary  248  248  248  248  248  254  254  254		8.6	Variation in Discourse over Time: The Development	
8.8 Exercises 248 9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 270 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281			of Discourse Markers	244
9 Grammar and Genre 254 9.1 Introduction: The Role of Register and Genre 254 9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 270 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		8.7	Summary	
9.1 Introduction: The Role of Register and Genre 2.54 9.2 Grammar and Medium: Written vs. Spoken Genres 2.56 9.3 A Genre and Its Grammar: Research Article Abstracts 2.60 9.3.1 Typical of the Genre: The Handling of Agentivity 2.60 9.3.2 Noun Phrase and Phrasal Complexity 2.66 9.4 Register Features of Digital Discourse 2.70 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 2.70 9.4.2 Hashtags: #informationpackaging #coolstuff 2.72 9.4.3 Because X: A New Chapter in a Preposition's Life 2.75 9.5 Summary 2.81		8.8	Exercises	248
9.2 Grammar and Medium: Written vs. Spoken Genres 256 9.3 A Genre and Its Grammar: Research Article Abstracts 260 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 270 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281	9	Gra	mmar and Genre	254
9.3 A Genre and Its Grammar: Research Article Abstracts 9.3.1 Typical of the Genre: The Handling of Agentivity 260 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 281		9.1	Introduction: The Role of Register and Genre	254
9.3.1 Typical of the Genre: The Handling of Agentivity 9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 281		9.2	Grammar and Medium: Written vs. Spoken Genres	256
9.3.2 Noun Phrase and Phrasal Complexity 266 9.4 Register Features of Digital Discourse 270 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		9.3	A Genre and Its Grammar: Research Article Abstracts	260
9.4 Register Features of Digital Discourse 9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 9.4.3 Because X: A New Chapter in a Preposition's Life 9.5 Summary 281			9.3.1 Typical of the Genre: The Handling of Agentivity	260
9.4.1 Digital Discourse as an Environment for Linguistic Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281			9.3.2 Noun Phrase and Phrasal Complexity	266
Innovation 270 9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281		9.4	Register Features of Digital Discourse	270
9.4.2 Hashtags: #informationpackaging #coolstuff 272 9.4.3 Because X: A New Chapter in a Preposition's Life 275 9.5 Summary 281			9.4.1 Digital Discourse as an Environment for Linguistic	
9.4.3 <i>Because X</i> : A New Chapter in a Preposition's Life 9.5 Summary 275			Innovation	270
9.5 Summary 281			9.4.2 Hashtags: #informationpackaging #coolstuff	272
			9.4.3 Because X: A New Chapter in a Preposition's Life	
0 ( Example 202		9.5	Summary	
7.6 Exercises Zoz		9.6	Exercises	282
Glossary 289	Glo	ssar	y	289
References 302				
Index 320	,			
Additional resources can be found at www.cambridge.org/Discourse			nal recourses can be found at www.cambridge.org/Di	

Syntax



## **Figures**

2.1	Deconstructed paragraph	page	12
2.2	Bunny cartoon		20
2.3	Three levels of the discourse situation for sentences a	ıs	
	utterances		22
2.4	COCA screenshot highlighting search item		28
2.5	COCA screenshot for the word impact (noun or verb	o)	29
2.6	Annotated COCA screenshot for <i>impact</i> as a verb		30
2.7	Proportions of complementizer omission in three		
	registers of English		36
2.8	COCA screenshot of chart view		38
2.9	Normalized frequencies of that-clauses in three		
	registers		40
3.1	Initial adjuncts as global vs. local signposts in Examp	le	
	(8)		58
3.2	Information status of fronted NP without resumptive	e	
	pronoun		64
3.3	Topic persistence of pre-clausal NPs in fronting and		
	left-dislocation		66
3.4	Topic persistence of fronting and left-dislocation		
	(proportions)		66
3.5	Phrasal and semantic types of inversion		73
3.6	Proportions of formal types of inversion in two types	S	
	of discourse		79
3.7	NP-fronting/left-dislocation and givenness		84
4.1	Horse kicked by cow		92
4.2	Cow kicked by horse		92
4.3	Apple eaten by boy		93
4.4	Boy eaten by apple		93
4.5	Distribution of long and short passives in different		
	registers	1	02
4.6	Givenness of subject vs. agent phrase in long passive	s 1	07

viii



List of F	igures	ix
4.7	The Principle of End-Weight	108
4.8	Relationship between length of object and word order	100
	choice	117
4.9	Length of subject and agent phrase in long passives	124
4.10	Length of intervening NP in V-NP-Part constructions	
	in spoken and written English	126
4.11	Distribution of active and passive voice in transitive	
	verbs in scientific writing	127
5.1	The existential construction	131
5.2	Non-extraposition vs. it-extraposition with different	
	subject clauses	135
5.3	Frequency of given and new information in extraposed	
	subject clauses	139
5.4	Proportions of non-extraposition and extraposition in	
	two registers	141
5.5	Subject clauses with given and new information in two	
	registers	143
5.6	Focus marking and information structure in two types	
	of it-clefting	147
5.7	Information status of foregrounded element in <i>it</i> -clefts	149
5.8	Information structure within different syntactic types	4.57
<i>(</i> 1	of extraposed clauses	157
6.1	And then-connections in early childhood storytelling	166
6.2 6.3	Initial and in five academic journals	170 175
6.3	Cline of temporal connectives	1/3
6.4	Five adjuncts in student and professional literary criticism	181
7.1	The semiotic triangle	190
7.1	Chain of reference based on Example (1)	191
7.3	Pronouns within the system of grammatical cohesion	200
7 <b>.</b> 4	Pronouns in the givenness hierarchy of Gundel,	200
, <b></b>	Hedberg & Zacharski	203
7.5	Distribution of personal pronouns in five registers	208
7.6	Proportions of omitted subjects in online blogs	213
8.1	Discourse markers as separate from the clause	223
8.2	Two inventories of discourse markers	227
8.3	Positions of adverb <i>then</i> in 1,000 attestations from	
	the ICE_GB corpus/spoken component	236



x List of Figures

8.4	Final adverbs as discourse markers with different	
	speech acts	237
8.5	Final adverbs in dialogic vs. monologic sequences	237
8.6	Ranking of ten strongly associated combinations of	
	discourse markers	238
8.7	You know in fictional dialog	242
8.8	You know as a discourse marker in seven sections of	
	COCA	243
8.9	Frequency of actually and in fact in dialog, monolog,	
	and written discourse	247
3.10	Distribution of turn-initial and turn-final position of	
	you know and actually	251
3.11	Positioning of actually in spoken and written discourse	251
9.1	University genres as conceptually spoken and written	
	language	257
9.2	Scientific argumentation in abstracts from different	
	disciplines	264
9.3	Complexity in noun phrases of academic writing and	
	three other registers	268
9.4	Because complementation	277



## **Tables**

2.1	Data on complementizer omission in three types of	
	discourse	page 35
2.2	Rates of occurrence of verb + <i>that</i> -clauses in three	
	types of discourse	39
3.1	Rates of occurrence for topic persistence of pre-clausal	
	NPs	65
3.2	Frequency of left-dislocation in some discourse types	69
3.3	Frequency of inversion in three types of non-fiction	
	discourse	78
3.4	Frequency of inversion types in fiction and academic	
	writing	79
5.1	Information status of subject clause in it-extraposition	137
5.2	Information status of different types of subject clauses in	n
	<i>it</i> -extraposition	138
5.3	Extraposition and non-extraposition in two registers	141
5.4	Information status of subject clause in it-extraposition	142
6.1	Semantic types of conjunction and their syntactic	
	realizations	177
6.2	Normalized frequency of connective adjuncts in	
	academic articles	179
6.3	Frequency of five connective adjuncts in academic	
	writing	180
6.4	Frequency of connective and for three written sections of	of
	COCA	186
6.5	Occurrence per 100,000 words of four types of	
	connectives	187
7.1	Rates of occurrence of personal pronouns in five section	S
	of COCA	207
7.2	Frequency of <i>you</i> in five sections of the CORE corpus	219
<b>Ω</b> 1	Typical functions of discourse markers	232

хi



xii	Lis	t of Tables
8.2	Occurrences of the discourse marker <i>well</i> in five types spoken discourse	of 2.52

9.1 Three clause patterns of an argumentative utterance in scientific discourse
9.2 Components of noun phrase structure
263
267



## Acknowledgments

This book is the result of many years of teaching courses in English linguistics on syntax, discourse analysis, and syntactic variation. We often wished there would be a textbook that would situate such variation in the context of the surrounding text, while keeping a focus on grammar and syntactic form. We didn't find that textbook, and so we have written it. The book reflects what we appreciate about textbooks – providing a coherent framework and systematic terminology, making results from influential research accessible, and guiding students toward designing their own research projects.

This book is also the result of many years of collaborating on topics in syntax, register studies, and genre variation. We thank our colleagues at Heinrich Heine University Düsseldorf and the University of Wisconsin–Madison, who made it possible that we could consistently teach courses that led to the development of this book, and our families, who supported our work every day, throughout a global health crisis. We owe you. We thank Lynn Zhang for her wonderful illustrations and insightful comments on all data visualizations, Sara Asher and Sally Kolasa for their proofreading, and the student assistants at the Department of English Linguistics at Heinrich Heine University Düsseldorf for being our test readers. Further support was provided by the College of Letters and Science and the Wisconsin Foundation and Alumni Association.

We are also grateful to Helen Barton and the Cambridge University Press team for their enthusiasm and support for this book from inception to finish and to Gordon Lee for his exceptional work as copy editor.

Most importantly, we thank our students, whose questions about where the study of syntax ends have kept us on our toes and who, over the years, have developed many fantastic projects showing that, yes, there is always something new to learn about English grammar. We hope this book will contribute to other students doing the same.

xiii