

VU Research Portal

Onset Causation and Extended Causation from the Perspective of Event Integration

Li, J.M.

2020

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Li, J. M. (2020). *Onset Causation and Extended Causation from the Perspective of Event Integration*.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

Contents

Abstract	i
Contents	iv
List of Abbreviations	vii
List of Figures	viii
List of Tables	x
Chapter 1 Introduction	1
1.1 Research background	1
1.2 Research objectives and research questions	5
1.3 Definition of some notions	7
1.3.1 Real world events, conceptual events, and linguistic representations of event	8
1.3.2 Atomic events.....	11
1.3.3 Macro-events.....	13
1.3.4 Event granularity	14
1.3.5 Onset causation and extended causation	14
1.3.6 Instrument	15
1.4 Significance of the study	16
1.5 Organization of the dissertation	18
Chapter 2 Literature Review	20
2.1 Representative Theories of Causation	20
2.1.1 Hume’s (1748, 1888) regularity theory of causation.....	21
2.1.2 Mackie’s (1965) INUS condition	23
2.1.3 Lewis’ (1973) counterfactual theories of causation.....	24
2.1.4 Talmy’s (1985) force dynamics theory	25
2.1.5 Croft’s (2012) force dynamic theory of argument realization	27
2.1.6 Wolff’s (2003, 2007) force theory	29
2.2 Event-based theories of onset and extended causation.....	33
2.2.1 The philosophical studies on temporal relations between cause and effect.....	33
2.2.2 The psychological studies on perception of onset and extended causation	42
2.2.3 The studies on linguistic representations of onset and extended causation	46
2.2.4 Problems and considerations on onset causation and extended causation.....	54
2.3 Theoretical background of event integration.....	68
2.3.1 The mereotopological studies on patterns of event integration	68
2.3.2 The philosophical views on the principles of event integration	73
2.3.3 The cognitive linguistic studies on event integration theories.....	77
2.4 Summary	83
Chapter 3 A Four-Dimensional Model for Event Integration	85
3.1 Building a four-dimensional model for event integration	85
3.1.1 Dimensions of conceptual event integration	89
3.1.2 Syntactice integration: monoclausality.....	112
3.2 Event integration model of causation and its patterns	124
3.2.1 Complex degree continuum of macro-event structure with causation	128
3.2.2 An event-integration hypothesis on onset and extended causation	132

3.3 Summary	133
Chapter 4 Methodology	135
4.1 Elicitation method	135
4.1.1 Stimuli	137
4.1.2 Participants	140
4.1.3 Tasks	140
4.1.4 Procedures	140
4.1.5 Data collection and transcription	142
4.1.6 Data coding	142
4.1.7 Data analysis tools	146
4.2 Contrastive analysis	147
4.3 Summary	150
Chapter 5 Conceptual Event Integration of Onset and Extended Causal Chains	151
5.1 Results	151
5.1.1 Overview of total number of judgement made per group	151
5.1.2 Single-event classifications within a language group: extended causal chains vs. onset causal chains	154
5.1.3 Single-event classifications within a language group: non-instrumental causal chains vs. instrumental causal chains	156
5.1.4 Single-event classifications of causal chains: cross-linguistic differences	157
5.2 Discussion	157
5.2.1 The Mandarin and English speakers' event segmentation patterns of causal chains	159
5.2.2 Event segmentation and temporal structuring of causal chains	163
5.2.3 Presence of an instrument or not and event integration of causal chains	164
5.3 Summary	165
Chapter 6 Syntactic Integration of Onset and Extended Causal Chains	166
6.1 Results	166
6.1.1 Overview of total number of clauses generated per group	166
6.1.2 Monoclausal encodings within a language group: extended causal chains vs. onset causal chains	180
6.1.3 Monoclausal encodings within a language group: non-instrumental causal chains vs. instrumental causal chains	182
6.1.4 Monoclausal encodings of causal chains: cross-linguistic differences	183
6.2 Discussion	183
6.2.1 Event granularity in syntactic encoding patterns of causal chains	186
6.2.2 Linearization and multidimensional temporal structuring of causal chains	196
6.2.3 Word order of linguistic representation of causal chains	201
6.3 Summary	205
Chapter 7 Mapping between Conceptual Event Integration and Syntactic Integration	206
7.1 Results	206
7.2 Discussion	215
7.3 Summary	217
Chapter 8 Conclusions	219
8.1 Main findings	219
8.2 Contributions and limitations	223

8.3 Future research	225
References.....	227
Appendix 1: 41 patterns of conceptual event integration visualized by the Space Time Cube.....	245
Appendix 2: Chinese transcription data of responses to 18 videos involving extended Causation.....	251
Appendix 3: Chinese transcription data of responses to 18 videos involving onset causation.....	267
Appendix 4: English transcription data of responses to 18 videos involving extended causation	286
Appendix 5: English transcription data of responses to 18 videos involving onset causation	304
List of Publications	326
Acknowledgments.....	328
The Author's Biodata	331
Summary of the Thesis	332