

Contents

How to use this book — 1

Part I: Working your way into ‘multimodality’

- 1 Introduction: the challenge of multimodality — 7**
 - 1.1 First steps ... a multimodal turn? — 9
 - 1.2 The journey ahead — 15
 - 1.3 What this chapter was about: the ‘take-home message’ — 21

- 2 Recognising multimodality: origins and inspirations — 22**
 - 2.1 The ‘problem space’ of multimodality as such — 23
 - 2.2 Materiality and the senses: sound — 26
 - 2.3 Materiality and the senses: vision and visuality — 30
 - 2.4 Language — 38
 - 2.5 Systems that signify: semiotics — 51
 - 2.6 Society, culture and media — 64
 - 2.7 What this chapter was about: the ‘take-home message’ — 71

- 3 Where is multimodality? Communicative situations and their media — 74**
 - 3.1 Stepping beyond the terminological jungle — 74
 - 3.2 Communicative situations — 77
 - 3.3 Medium (and media) — 101
 - 3.4 What this chapter was about: the ‘take-home message’ — 110

- 4 What is multimodality? Semiotic modes and a new ‘textuality’ — 112**
 - 4.1 Semiotic mode — 112
 - 4.2 Modes and media — 123
 - 4.3 Genre, text, discourse and multimodality — 128
 - 4.4 What this chapter was about: the ‘take-home message’ — 135

Part II: Methods and analysis

- 5 The scope and diversity of empirical research methods for multimodality — 139**
 - 5.1 What are methods? What methods are there? — 139
 - 5.2 Getting data? — 141
 - 5.3 Corpus-based methods to multimodality — 152

- 5.4 Eye-tracking methods for multimodality — 159
- 5.5 Computational methods in multimodality research — 162
- 5.6 Summary and conclusions: selecting tools for the job — 166
- 5.7 A word on good scientific practice: quoting multimodal artefacts — 168

- 6 Are your results saying anything? Some basics — 169**
 - 6.1 Why statistics?—and how does it work? — 171
 - 6.2 What is normal? — 175
 - 6.3 Assessing differences — 178
 - 6.4 Assessing similarities — 184
 - 6.5 How much is enough? — 188
 - 6.6 Refinements and restrictions — 190
 - 6.7 Inter-coder consistency and reliability — 198
 - 6.8 What affects what? Looking for dependencies — 204
 - 6.9 Summary: many types of tests and possibilities — 209

- 7 Multimodal navigator: how to plan your multimodal research — 211**
 - 7.1 Starting analysis — 211
 - 7.2 Undertaking multimodal investigations of phenomena — 226
 - 7.3 The basic steps in multimodal analysis reviewed — 229
 - 7.4 Conclusions and lessons for effective multimodal research — 230

Part III: Use cases

Use case area 1: temporal, unscripted — 238

- 8 Gesture and face-to-face interaction — 239**
 - 8.1 Previous studies — 240
 - 8.2 Describing gesture and its functions — 243
 - 8.3 Conclusions — 248

Use case area 2: temporal, scripted — 250

- 9 Performances and the performing arts — 251**
 - 9.1 Performance and scripted behaviour — 252
 - 9.2 Previous studies — 253
 - 9.3 Example analysis: theatre and its canvases — 254
 - 9.4 Example analysis: Berlin Philharmonic concerts ‘live’ — 258
 - 9.5 Conclusions — 260

Use case area 3: spatial, static — 262

10 Layout space — 263

- 10.1 Perspectives from graphic design — 263
- 10.2 Example analysis: school textbooks — 268
- 10.3 Example analysis: posters — 273
- 10.4 Summary — 278

11 Diagrams and infographics — 279

- 11.1 Aspects of the diagrammatic mode — 281
- 11.2 Example analysis: assembly instructions — 286
- 11.3 Example analysis: information graphics — 289
- 11.4 Summary — 294

12 Comics and graphic novels — 295

- 12.1 Comics: basic ingredients — 297
- 12.2 An aside on the notion of ‘narrative’ — 314
- 12.3 Beyond narrative: comics as non-fiction and metacomics — 315
- 12.4 Issues of literacy — 321
- 12.5 Moving onwards: empirical multimodal comics research — 322
- 12.6 Summary — 324

Use case area 4: spatial, dynamic — 326**13 Film and the moving (audio-)visual image — 327**

- 13.1 The technical details of the virtual canvas of film — 329
- 13.2 Multimodal film analysis: an example — 332
- 13.3 Films and comics: adaptation and convergence — 336
- 13.4 Summary — 338

14 Audiovisual presentations — 340

- 14.1 Characterising the medium — 340
- 14.2 Exploring the canvases — 342
- 14.3 Summary — 343

Use case area 5: spatiotemporal, interactive — 346**15 Webpages and dynamic visualisations — 347**

- 15.1 Challenges and difficulties: determining objects of analysis — 348
- 15.2 Example analysis: dynamic data visualisations — 350
- 15.3 Summary — 354

16 Social media — 355

- 16.1 Previous studies — 356

VIII — Contents

- 16.2 Communicative situations in social media — **358**
- 16.3 Social media analyses and possible methods: Instagram — **362**
- 16.4 Summary — **365**

17 Computer and video games — 366

- 17.1 Example analysis: turn-based strategy games — **367**
- 17.2 Example analysis: first-person, real-time games — **372**
- 17.3 Summary — **377**

18 Final words — 379

- 18.1 Lessons learned: the take-home messages — **379**
- 18.2 Our goals in the book — **381**
- 18.3 Be a multimodalist: have fun and explore! — **382**

Bibliography — 383

Index — 411