



Automated Speaking Assessment [Using Language Technologies to Score Spontaneous Speech

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Monografía

Automated Speaking Assessment: Using Language Technologies to Score Spontaneous Speech provides a thorough overview of state-of-the-art automated speech scoring technology as it is currently used at Educational Testing Service (ETS). Its main focus is related to the automated scoring of spontaneous speech elicited by TOEFL iBT Speaking section items, but other applications of speech scoring, such as for more predictable spoken responses or responses provided in a dialogic setting, are also discussed. The book begins with an in-depth overview of the nascent field of automated speech scoring--its history, applications, and challenges--followed by a discussion of psychometric considerations for automated speech scoring. The second and third parts discuss the integral main components of an automated speech scoring system as well as the different types of automatically generated measures extracted by the system features related to evaluate the speaking construct of communicative competence as measured defined by the TOEFL iBT Speaking assessment. Finally, the last part of the book touches on more recent developments, such as providing more detailed feedback on test takers' spoken responses using speech features and scoring of dialogic speech. It concludes with a discussion, summary, and outlook on future developments in this area. Written with minimal technical details for the benefit of non-experts, this book is an ideal resource for graduate students in courses on Language Testing and Assessment as well as teachers and researchers in applied linguistics

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Contenido: Cover; Half Title; Series Page; Title Page; Copyright Page; Table of Contents; List of Figures; List of Tables; List of Contributors; Series Editors' Foreword; Acknowledgments; Part I: Introduction; 1. Overview of Automated Speech Scoring; 1. Motivation for This Book; 2. Overview of the Field of Automated Speech Scoring; 3. Key Concepts and Considerations; 4. Overview of the Book; Notes; References; 2. Validity Considerations for Using Automated Scoring in Speaking Assessment; 1. Introduction; 2. Contextualized Validation; 3. Human Ratings as Validation Criteria 4. Treatment of Unusual Responses 5. Design Assessment with Automated Scoring in Mind; 6. Final Remarks; Notes; References; 3. Assessing Scoring Accuracy and Assessment Accuracy for Spoken Responses: Using Human and Machine Scores; 1. Background; 2. Methods; 3. Application and Results; 4. Discussion; Note; References; Part II: Components of an Automated Speech Scoring System; 4. Automatic Speech Recognition for Automated Speech Scoring; 1. Introduction; 2. Technical Components of an ASR System; 3. Evaluation of ASR Systems 4. Practical Considerations Concerning the Use of ASR for Automated Speech Scoring 5. ASR-based Features for Automated Speech Scoring; 6. Recommendations and Lessons Learned; 7. Conclusions; Notes; References; 5. Scoring and Filtering Models for Automated Speech Scoring; 1. Introduction; 2. Scoring Models; 3. Filtering Models; 4. Conclusion; Notes; References; Part III: Speech Features; Introduction to Part III; 6. Features Measuring Fluency and Pronunciation; 1. Overview; 2. Fluency; 3. Pronunciation; 4. Conclusion; References; 7. Features Measuring Vocabulary and Grammar; 1. Introduction 2. List of Features 3. Feature Performance; 4. Discussion; Notes; References; 8. Features Measuring Content and Discourse Coherence; 1. Overview of the TOEFL iBT Speaking Topic Development Construct; 2. Automated Scoring of Content for Spontaneous Speaking Tasks; 3. Automated Scoring of Discourse Coherence for Spontaneous Speaking Tasks; 4. Discussion and Future Directions; Notes; References; Part IV: Recent Developments and Outlook; 9. Providing SpeechRater Feature Performance as Feedback on Spoken Responses; 1. Introduction; 2. Selection of SpeechRater Features for Reporting 3. Design of the Feedback Report 4. Ongoing Research and Suggestions for Future Research; Note; References; 10. Beyond Monologues: Automated Processing of Conversational Speech; 1. Introduction; 2. Overview of Spoken Dialog Systems; 3. Design of Interactive Speaking Tasks; 4. Automated Assessment of Interactive Conversations; 5. Conclusion; Notes; References; 11. Summary and Outlook on Automated Speech Scoring; 1. Overall Summary of This Volume; 2. Remaining Challenges; 3. Outlook and Future Work; References; Appendix; Index

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