



Two sepedi-english code-switched speech corpora

Thipe I. Modipa^{1,2} · Marelle H. Davel^{2,3}

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Abstract

We report on the development of two reference corpora for the analysis of Sepedi-English code-switched speech in the context of automatic speech recognition. For the first corpus, possible English events were obtained from an existing corpus of transcribed Sepedi-English speech. The second corpus is based on the analysis of radio broadcasts: actual instances of code switching were transcribed and reproduced by a number of native Sepedi speakers. We describe the process to develop and verify both corpora and perform an initial analysis of the newly produced data sets. We find that, in naturally occurring speech, the frequency of code switching is unexpectedly high for this language pair, and that the continuum of code switching (from unmodified embedded words to loanwords absorbed into the matrix language) makes this a particularly challenging task for speech recognition systems.

Keywords Code switching · Speech corpus · Multilingual speech recognition · Sepedi

1 Introduction

Many bilingual and multilingual environments are characterised by the presence of one dominant language or lingua franca and a number of other, typically diverse languages. The dominant language is often a language that is widely spoken, such as English or French. Speakers whose primary (or *matrix*) language is one of the other – often smaller, in terms of number of first language speakers – languages used in the presence of a dominant language, typically use words from the dominant language when they converse in the matrix language.

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WJ Hussar



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Engaged Language Policy and Practices Kathryn A. Davis, Prem Phyak, 2016-12-08 Engaged Language Policy and Practices re envisions language policy and planning as an engaged approach drawing on and portraying theoretical and educational equity perspectives It calls for the right to language policy making in which all concerned communities parents students educators and advocates collectively imagine new strategies for resisting global neoliberal marginalization of home languages and cultural identities This book subsequently emphasizes the means by which engaged dialectic processes can inform and clarify language policy making decisions that promote equity In other words rather than descriptions of outcomes the authors emphasize the need to detail the means by which local regional actors resist and transform inequitable policies These descriptions of processes thereby provide all actors with ideological pedagogical and equity policy tools that can inform situated school and community policy making This book depicts ways in which engaged language policy embodies the intersection of critical inquiry participant involvement and ongoing engaged language planning processes It further offers an alternative to the traditional top down approach to language education policy making Engaged Language Policy and Practices is essential reading for scholars teachers students communities and others concerned with worldwide language and identity equity

Negotiating Language Education Policies Kate Menken, Ofelia Garcia, 2010-02-25 Bridging the divide between policy and practice this book explores how educators interpret negotiate resist and re create language policies in schools focusing on their central role in this complex and dynamic process

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African Drama and Performance John Conteh-Morgan, Tejumola Olaniyan, 2004-10 This title explores the diversity of the performing arts in Africa and the diaspora from studies of major dramatic authors and formal literary dramas to improvisational theatre and popular video films

Bantu Clement M. Doke, 2017-09-20 Originally published in 1945 this volume represented the first to classify Bantu languages This volume does not record all the dialects but makes reference to those in which some grammatical study has been done and classifies them according to mainly geographical zones Owing to tribal migrations individual members of a particular zone may be living among members of a different zone as has been the case with the Ngoni South Eastern Zone who are found among the Eastern Bantu but the zone label is taken from the habitat of the majority

South Africa, 1988

Debates of Parliament South Africa. Parliament, 1992

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themselves this study tells not only what the problems surrounding education are but also what can and should be done when the South African government launches its offensive against poverty in rural areas Rigorous and qualitative the text is an overview of the need of great numbers of people for the opportunities and capabilities that education can provide for their futures It also shows the existing situation of many impoverished populations worldwide and illustrates that poverty and inequality continue where such issues are not addressed *Public Health Communication Challenges to Minority and Indigenous Communities* Aiseng, Kealeboga, Fadipe, Israel A., 2024-04-30 Language has emerged as both a powerful bridge and a formidable barrier in the realm of public health communication The ongoing COVID 19 pandemic has highlighted a significant challenge faced by minority and indigenous communities particularly in regions of Sub Saharan Africa It s a challenge deeply rooted in the historical use of colonial languages English French and Spanish to disseminate critical health information For many this has translated into a linguistic exclusion depriving them of access to essential resources and a voice in matters of national interest This issue transcends mere communication it touches upon the fundamental rights of individuals to participate in their own healthcare decisions and influences their sense of belonging and citizenship *Public Health Communication Challenges to Minority and Indigenous Communities* proposes a solution with a transformative potential This groundbreaking edited volume invites scholars from diverse fields to contribute their research shedding light on the linguistic dimensions of public health communication during the COVID 19 era By investigating the impact of language on various aspects of society from medical information to education this book seeks to synthesize the wealth of sociolinguistic research into an accessible framework It s an invitation to explore the role of language in shaping our perceptions of citizenship belonging and empowerment Oxford Dictionary of English Angus Stevenson, 2010-08-19 19 pages of contents in middle of book between end of L and beginning of M

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