

Automatic cross-lingual speech recognition for Afrikaans and isiXhosa

Lucas Meyer

Supervisor: Herman Kamper
Department of Applied Mathematics
University of Stellenbosch
Western Cape, South Africa
22614524@sun.ac.za

Abstract—Abstract goes here ...

I. INTRODUCTION

II. BACKGROUND

III. METHODOLOGY

A. Data sets

- Sadilar TTS data: Afrikaans and isiXhosa

B. Preprocessing

C. Evaluation metrics

- Word error rate (WER): The word error rate is equal to the number of character-level errors in the predicted transcript, divided by the number of words in the true transcript. One character-level error is corrected using one of three operations: inserting a new character, deleting an existing character, or substituting an existing character for a new character.

IV. RESULTS

V. CONCLUSION

REFERENCES