

Wang & Lee (2013): Supervised Detection and Unsupervised Discovery of Pronunciation Error Patterns for Computer-Assisted Language Learning

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1 Introduction

The aim of this paper is to introduce the work of Wang and Lee (2015). The content and authorship of this paper as follows: In the section one, Kuan summarizes the whole paper Wang and Lee (2015) in general. In section 2, Jingwen introduces the new frameworks for both Supervised EP detection and Unsupervised EP discovery. In section 3, Kuan gives more details

Wang and Lee (2015) propose new frameworks for both Supervised Error Patterns Detection and Unsupervised EP Discovery ¹.

2 Theoretical Framework

2.1 Supervised EP Detection

2.2 Unsupervised EP Discovery

3 Methods

3.1 Cascaded adaptation techniques

3.2 Metrics

Distance Measures

3.3 Clustering

4 Post-reading Questions

References

Wang, Y.-B., & Lee, L.-s. (2015). Supervised detection and unsupervised discovery of pronunciation error patterns for computer-assisted language learning. *IEEE/ACM Transactions on Audio, Speech, and Language Processing*, 23(3), 564–579. Retrieved from DOI:10.1109/TASLP.2014.2387413

¹Web link <https://www.google.com>