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## **Stop! Hey, what's that sound? the representation and realization of Danish stops**

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Stop! Hey, what's that sound?



## Stop! Hey, what's that sound?

The representation and realization of Danish stops

This dissertation investigates the phonetic and phonological characteristics of Danish stop consonants, with particular focus on their diachronic origin and synchronic variation. Using data-oriented and statistical methods, it fills empirical gaps in phonetic research on Danish stops and in doing so contributes to our understanding of the overall sound system of the language.

The dissertation reports the results of a number of studies which combine spontaneous speech corpora with state-of-the-art techniques in statistical modeling. Topics considered include intervocalic voicing, which is shown to be rare in all stops and in almost all phonetic contexts, and affrication of aspirated stop releases, which is shown to be strongly dependent on place of articulation. The dissertation also investigates a range of phonetic parameters in a legacy corpus of traditional varieties of Jutland Danish, with the results showing systematic regional variation even in minute acoustic details.

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