Cross-linguistic timing contrast in geminates: A rate-independent perspective
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To cite this version:
Anne Hermes, Sam Tilsen, Rachid Ridouane. Cross-linguistic timing contrast in geminates: A rate-independent perspective. 12th International Seminar on Speech Production, Dec 2020, virtual, United States. halshs-03083573

HAL Id: halshs-03083573
https://halshs.archives-ouvertes.fr/halshs-03083573
Submitted on 19 Dec 2020

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SUMMARY

providing some additional insights on how singleton and geminate durations are controlled

Although consonant and vowel durations scaled differently across languages, proportional durations may allow for a rate-invariant perceptual boundary for discriminating between singletons and geminates.

found cross-linguistic variation, both in singleton/geminate duration and in the interactions with adjacent vowels, suggests that these differences are related to differences in the way length is controlled.

Difference in rate-scaling of singletons and geminates demonstrate that consonant durations cannot be modeled by a single global speech rate mechanism.