

Accepted Manuscript

Title: Atypical non-verbal sensorimotor synchronization in adults who stutter may be modulated by auditory feedback

Authors: Robert van de Vorst, Vincent L. Gracco

PII: S0094-730X(16)30118-8
DOI: <http://dx.doi.org/doi:10.1016/j.jfludis.2017.05.004>
Reference: JFD 5650

To appear in: *Journal of Fluency Disorders*

Received date: 4-11-2016
Revised date: 13-4-2017
Accepted date: 19-5-2017

Please cite this article as: van de Vorst, Robert., & Gracco, Vincent L., Atypical non-verbal sensorimotor synchronization in adults who stutter may be modulated by auditory feedback. *Journal of Fluency Disorders* <http://dx.doi.org/10.1016/j.jfludis.2017.05.004>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Atypical non-verbal sensorimotor synchronization in adults who stutter may be modulated by auditory feedback

Robert van de Vorst^{a,b}, and Vincent L. Gracco^{a,b,c}

^aCentre for Research on Brain, Language and Music, 3640 rue de la Montagne, Montreal, Canada H3G 2A8

^bSchool of Communication Sciences and Disorders, McGill University, 2001 McGill College Avenue, Montreal, Quebec, Canada H3A 1G1

^cHaskins Laboratories, 300 George Street, New Haven, CT 06511, USA

Email addresses: Robert van de Vorst robert.vorst@mail.mcgill.ca, Vincent L. Gracco vincent.gracco@yale.edu

Corresponding author: Robert van de Vorst, E-mail: robert.vorst@mail.mcgill.ca, Centre for Research on Brain, Language and Music, 3640 rue de la Montagne, Montreal, Canada H3G 2A8

Highlights

- IWS display significant higher timing asynchrony
- Absence of auditory feedback may improve performance in some IWS
- IWS show a non-significant trend of higher negative mean asynchrony (NMA)

Abstract

Purpose: To investigate if non-verbal sensorimotor synchronization abilities in adult individuals who stutter (IWS) differ from non-stuttering controls (NS) under various performance conditions (tempo, auditory feedback, use of hands [single/both] and rhythm). *Methods:*

Participants were 11 IWS (5 males, 6 females, *Mean age* = 25.8, *SD* = 8.7) and 11 age- and

متن کامل مقاله

دریافت فوری ←

ISIArticles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات