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Tuesday, March 6, 2018

James Lynch

Editor-in-Chief

The Journal of the Acoustical Society of America

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Dear Editors:

My coauthors and I are submitting a revised version of the manuscript “Articulator synergy biomarkers from real-time magnetic resonance imaging” for the consideration of the editorial board of the Journal of the Acoustical Society of America.

Enclosed is a detailed reply to the thoughtful critiques of the reviewers. Substantial changes to the manuscript include: an analysis of measurement bias of the articulator synergy biomarker (cf. §VI.B.); a quantitative connection between the articulator synergy biomarker and the “articulator weight” parameters of the Task Dynamics model of speech production (cf. §VIII.C.); a detailed report of the results of the statistical factor analysis (cf. §IV, Fig. 4); a theoretical connection to motor control theories (cf. §VIII.D.).

Sincerely,

Tanner Sorensen