### **Accepted Manuscript**

Abnormal vocal behavior predicts executive and memory deficits in Alzheimer's disease

Kamalini G. Ranasinghe, Jeevit S. Gill, Hardik Kothare, Alexander J. Beagle, Danielle Mizuiri, Susanne M. Honma, Maria Luisa Gorno-Tempini, Bruce L. Miller, Keith A. Vossel, Srikantan S. Nagarajan, John F. Houde

PII: S0197-4580(16)30333-5

DOI: 10.1016/j.neurobiolaging.2016.12.020

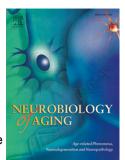
Reference: NBA 9804

To appear in: Neurobiology of Aging

Received Date: 12 August 2016
Revised Date: 7 December 2016
Accepted Date: 23 December 2016

Please cite this article as: Ranasinghe, K.G, Gill, J.S, Kothare, H., Beagle, A.J, Mizuiri, D., Honma, S.M, Gorno-Tempini, M.L., Miller, B.L, Vossel, K.A, Nagarajan, S.S, Houde, J.F, Abnormal vocal behavior predicts executive and memory deficits in Alzheimer's disease, *Neurobiology of Aging* (2017), doi: 10.1016/j.neurobiolaging.2016.12.020.

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.



#### ACCEPTED MANUSCRIPT

## Abnormal vocal behavior predicts executive and memory deficits in Alzheimer's disease

Kamalini G Ranasinghe<sup>a</sup>, Jeevit S Gill<sup>b</sup>, Hardik Kothare<sup>b,c</sup>, Alexander J Beagle<sup>a</sup>, Danielle Mizuiri<sup>c</sup>, Susanne M Honma<sup>c</sup>, Maria Luisa Gorno-Tempini<sup>a</sup>, Bruce L Miller<sup>a</sup>, Keith A Vossel<sup>a,d</sup>, Srikantan S Nagarajan<sup>b,c</sup>, John F Houde\*,<sup>b,c</sup>

<sup>a</sup>Memory and Aging Center, Department of Neurology, University of California San Francisco, San Francisco, CA 94158

<sup>b</sup>Speech Neuroscience Laboratory, Department of Otolaryngology - Head and Neck Surgery, University of California San Francisco, San Francisco CA 94143

<sup>c</sup>Biomagnetic Imaging Laboratory, Department of Radiology and Biomedical Imaging, University of California San Francisco, San Francisco CA 94143

<sup>d</sup>Gladstone Institute of Neurological Disease, San Francisco, CA 94158

\*Corresponding author: John F Houde

Associate Professor

Department of Otolaryngology - Head and Neck Surgery

513 Parnassus Ave

University of California at San Francisco

San Francisco, CA 94143-0444

Phone: (415) 476-2512

Email: JFHoude@ucsf.edu

# دريافت فورى ب متن كامل مقاله

### ISIArticles مرجع مقالات تخصصی ایران

- ✔ امكان دانلود نسخه تمام متن مقالات انگليسي
  - ✓ امكان دانلود نسخه ترجمه شده مقالات
    - ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
  - ✓ امكان دانلود رايگان 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