

**Grant Number**: ES/R004722/1

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**Project title**: Speech perception under cognitive load

The following files have been archived:

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| File name | File description (Short description of content, sample size, format, any linking between different types of data, i.e. survey and interviews/focus groups) |
| Dataset for “Discrimination thresholds of duration, intensity, and F0 for a synthesized vowel under cognitive load” | Excel file, 42KB. The dataset contains measures of just-noticeable differences, or JND, of duration (ms), intensity (dB), and pitch or F0 (Hz) for a synthetic vowel. JNDs were measured under 4 experimental conditions testing the effect of cognitive load on JNDs. JNDs were collected on a total of 96 English-speaking young adults.  Accompanying files:   * Information about the data collection method * Participant consent form * Information form for participants * Peer-reviewed article |

**Publications**:

Chiu, F., Rakusen, L. L., & Mattys, S. L. (2019). Cognitive load elevates discrimination thresholds of duration, intensity, and f 0 for a synthesized vowel. *The Journal of the Acoustical Society of America*, *146*(2), 1077-1084.