**Individual Differences in Language Comprehension**

**Summary of Data and other Open Access Resources associated with ESRC funded project: ES/S009752/1**

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All data and analysis code produced as part of this ESRC funded project has been made fully accessible on the Open Science Foundation website.

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| Project Title | Summary | Primary Citation | Details of Aims, Methods and Conclusions | Data and Analysis Code |
| Learning about the meanings of ambiguous words | Single word-meaning priming experiment (*N* = 51) where primes are 3-sentence narratives showing that listeners reliably disambiguate spoken ambiguous words on the basis of cues from wider narrative contexts, and retain information about the outcome of these disambiguation processes to inform subsequent encounters of the same word form. | Blott LM, Hartopp O, Nation K, Rodd JM. 2022. Learning about the meanings of ambiguous words: evidence from a word-meaning priming paradigm with short narratives. PeerJ 10:e14070 | <https://doi.org/10.7717/peerj.14070> | <https://osf.io/bvnhk/> |
| Studying Individual Differences in Language Comprehension | A single ambiguity resolution experiment that illustrates the steps that researchers can take to address the challenges associated with devising experimental tasks to measure language comprehension skills  | Blott LM, Gowenlock AE, Kievit R, Nation K, Rodd JM. Studying Individual Differences in Language Comprehension: The Challenges of Item-Level Variability and Well-Matched Control Conditions. J Cogn. 2023 Sep 7;6(1):54.  | <https://doi.org/10.5334/joc.317> | <https://osf.io/5z49n/>. |
| English Vocabulary Test: The Web-based Open-access Reliable Decision on Synonyms (WORDS)  | Newly developed 30-item Web-based Open-access Reliable Decision on Synonyms (WORDS) English Vocabulary Test (Reliability: Cronbach’s α = 0.82). The test takes on average 4 minutes to complete. It can be freely accessed via Gorilla Open Materials  | Chen PH, Hulme RC, Blott LM, Rodd JM. The Web-based Open-access Reliable Decision on Synonyms (WORDS) English Vocabulary Test. J Cogn. 2024 Jul 29;7(1):64.  | <https://doi.org/10.5334/joc.391><https://app.gorilla.sc/openmaterials/694887><https://osf.io/p25jh> | <https://osf.io/mgsdq/> |
| Diversity of narrative context disrupts the early stage of learning the meanings of novel words | Single experiment in which adults (*N* = 100) learned invented meanings for eight pseudowords, either within a single coherent narrative context or five different narrative contexts. Diversity of narrative context did not affect word-form learning, but more semantic features were correctly recalled for words trained in a single context.  | Hulme, R.C., Begum, A., Nation, K. *et al.* Diversity of narrative context disrupts the early stage of learning the meanings of novel words. *Psychon Bull Rev* 30, 2338–2350 (2023). | <https://doi.org/10.3758/s13423-023-02316-z> | <https://osf.io/2qsr4>). |