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#### **Authors**

Hanson, Emily Foster  
Zhang, Muye  
Negishi, Michiro  
et al.

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# **Lexical and Pragmatic Metonymy Processing: Two Domains vs. One Mechanism**

**Emily Foster Hanson**

Yale University, New Haven, Connecticut, United States

**Muye Zhang**

Yale University, New Haven, Connecticut, United States

**Michiro Negishi**

Yale University, New Haven, Connecticut, United States

**Maria M. Piñango**

Yale University, New Haven, CT, USA

**Abstract:** We investigate the compositional properties of metonymy through self-paced reading (SPR) and ERP. We examine lexical metonymy (Novel producer-for-product: All freshmen read/meet Wickstrom) and circumstantial/pragmatic metonymy (A waitress says to another: “Table-13/That couple asked for more wine”). We test the hypothesis that both metonymic types are instantiated by the same interpretive mechanism, a referential dependency between the named and intended entities similar to a pronoun-antecedent relation (e.g., Jackendoff, 1997), and that their real-time implementation is modulated by degree of contextualization (circumstantial >> lexical). Whereas SPR results show cost of implementation only for the circumstantial metonymy contrast and only at the segment directly following the metonymy trigger, ERP results show identical latency and polarity properties for both metonymies (P500) in left anterior electrodes exclusively. These results support metonymy as a unified, computationally isolable reference transfer process whose composition exerts visible cost which increases as demands for contextualization increase.