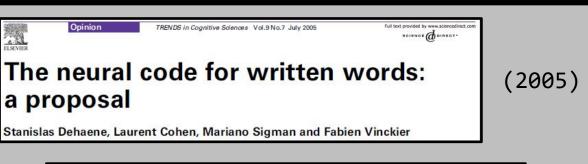
Visual Statistical Learning beyond sequential presentation: The case of Reading

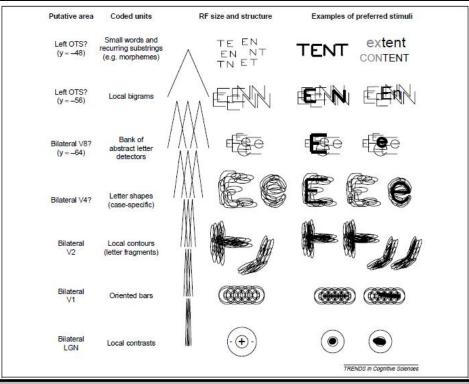
Yamil Vidal Davide Crepaldi

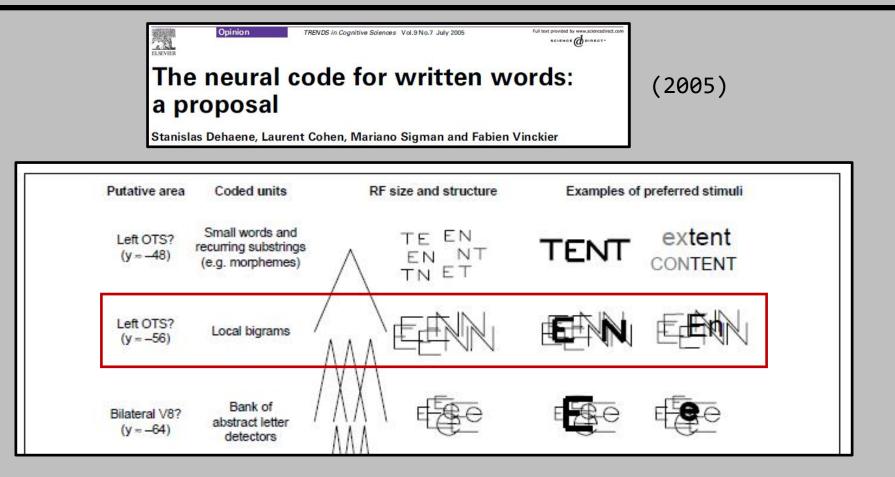




Bigram Frequencies?







TRENDS in Cognitive Sidences Vol.9Na7 July 2005 The neural code for written wor a proposal Stanislas Dehaene, Laurent Cohen, Mariano Sigman and Fabien Vin		(theor	etical, 2	.005)	
Tuning of the human left fusiform gyrus to sublexical orthographic structure Jeffrey R. Binder, ^{a,*} David A. Medler, ^a Chris F. Westbury, ^b Einat Liebenthal, ^a and Lori Buchanan ^c (a)	2006)	to a ERP C and Le	When Would You Pre SAUSAGE? [A:] At ab Correlates of Orthogr exicality in Written W Hauk ¹ , K. Patterson ¹ , A. Woolla F. Pulvermüller ¹ , and T. T.	out 100 msec. aphic Typicality ford Recognition	(2006)
Hierarchical Coding of Letter Str Stream: Dissecting the Inner Org of the Visual Word-Form System Fabien Vinckier, ^{1,4,5} Stanislas Dehaene, ^{1,2,5,6} Antoinette Jobert, ^{1,5} Jean and Laurent Cohen ^{1,3,4,5,*}	ganization n	- 1	(2007)		
The neurocognitive basis of reading single word latency ERPs: A model of converging pathways Joseph Dien [*] Department of Psychology, University of Kansas, 1415 Jayhawk Blvd., Rm 426, Lawrence, KS, United State		ough early	(review	, 2009)	
Reconsidering the role of orthographic redundancy in visual word recognition	(rev	iew, 2	0 papers	from 60s,	2015)

Do bigrams mediate visual word learning?



Behav Res DOI 10.3758/s13428-016-0844-8

BACS: The Brussels Artificial Character Sets for studies in cognitive psychology and neuroscience

Camille Vidal¹ • Alain Content¹ • Fabienne Chetail¹

(2017)

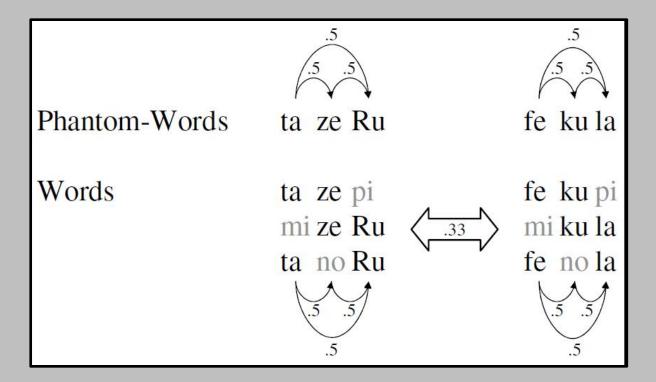
CrossMark



Ansgar D. Endress^{a,*}, Jacques Mehler^b

The surprising power of statistical learning: When fragment knowledge leads to false memories of unheard words

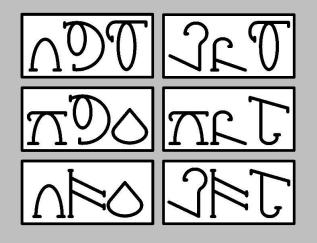
(2009)



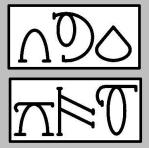


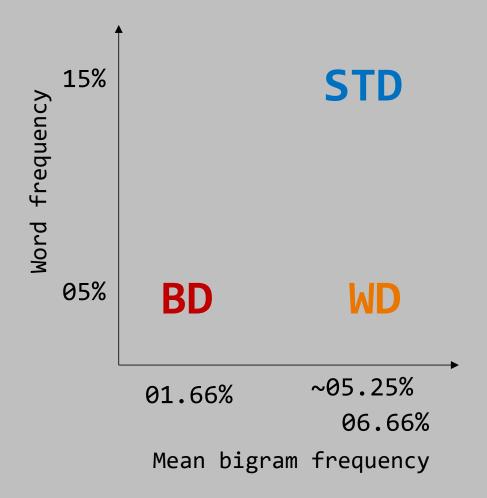
Exp 01 03 character words

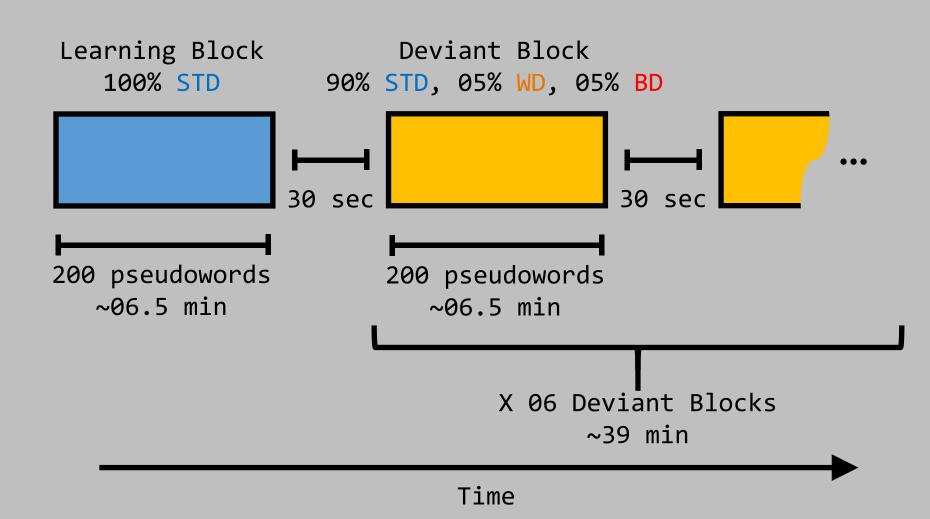
Standard (STD)



Word Deviant (WD) Bigram Deviant (BD)



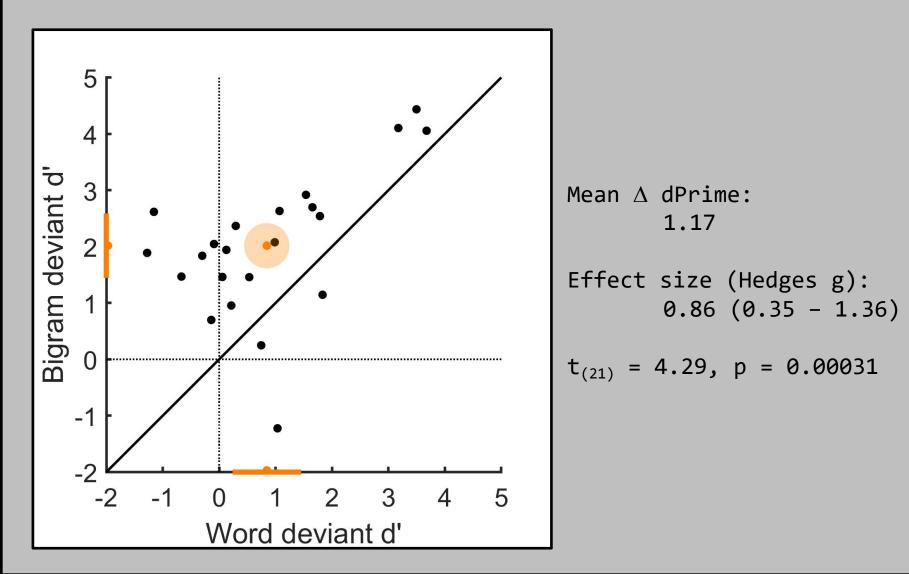






Exp 01 Results

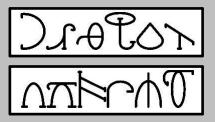
Results

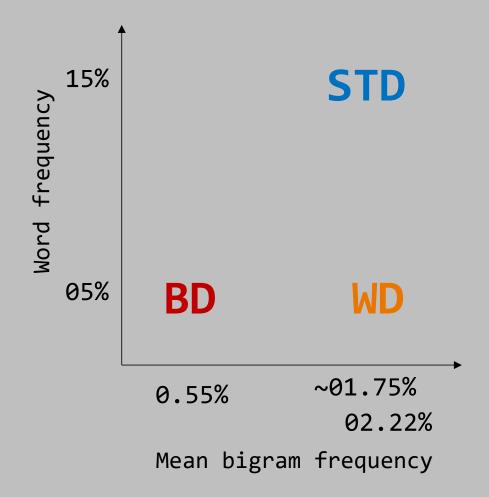




Exp 02 06 character words

Word Deviant (WD) Bigram Deviant (BD)

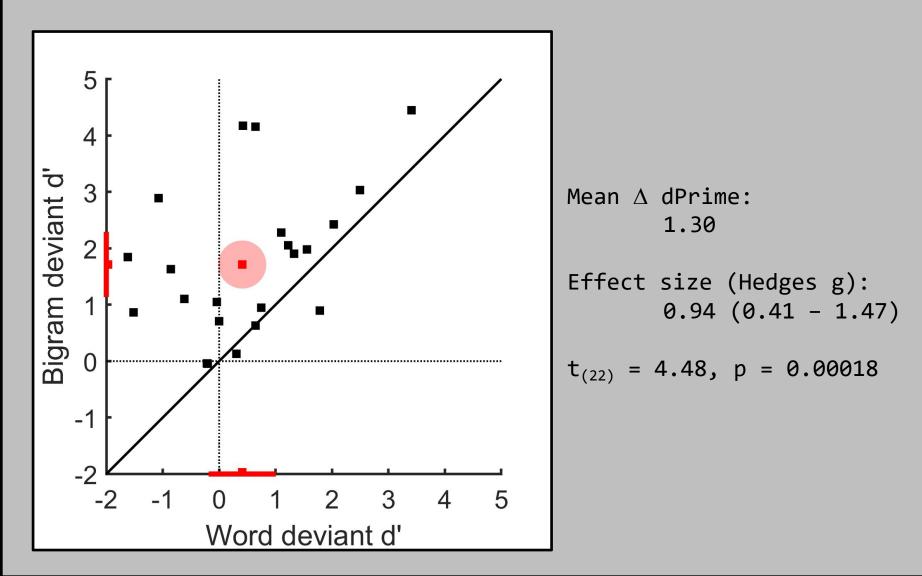






Exp 02 Results

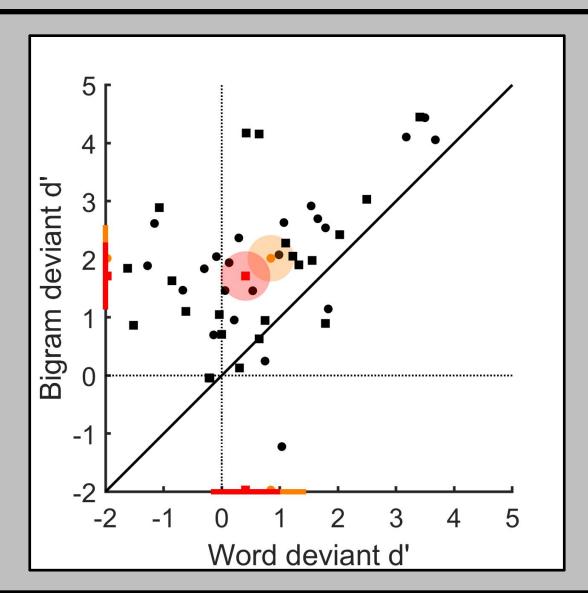
Results





Overall Results

Results



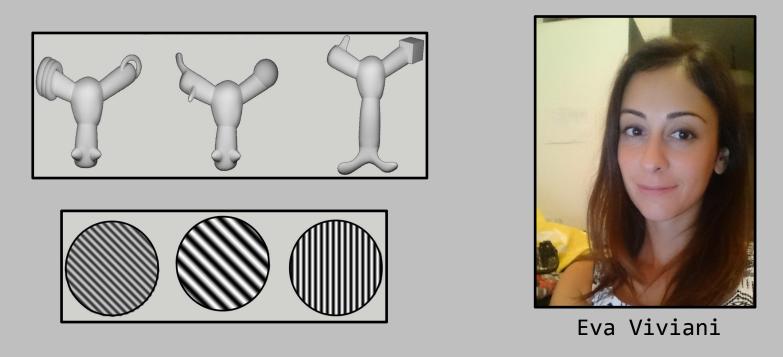


Discussion

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Open issue of Bigram Frequencies

Bigram Frequency effects in visual word identification



[PS-3.3] N-gram coding as a general-purpose visual learning tool

かてイントン thanks





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