

Supplementary Table 11 – Similarly, using Neurosynth, the following MRI studies were associated with word recognition and the pooled statistical map is shown in Figure 4.

#	Title	Authors	Journal
1	The cingulo-opercular network provides word-recognition benefit.	Vaden KI Jr, Kuchinsky SE, Cute SL, Ahlstrom JB, Dubno JR, Eckert MA	The Journal of neuroscience : the official journal of the Society for Neuroscience
2	Speech recognition in younger and older adults: a dependency on low-level auditory cortex.	Harris KC, Dubno JR, Keren NI, Ahlstrom JB, Eckert MA	The Journal of neuroscience : the official journal of the Society for Neuroscience
3	Inhibition and facilitation in visual word recognition: prefrontal contribution to the orthographic neighborhood size effect.	Fiebach CJ, Ricker B, Friederici AD, Jacobs AM	NeuroImage
4	Combining functional neuroimaging with off-line brain stimulation: modulation of task-related activity in language areas.	Andoh J, Paus T	Journal of cognitive neuroscience
5	Top-down modulation of ventral occipito-temporal responses during visual word recognition.	Twomey T, Kawabata Duncan KJ, Price CJ, Devlin JT	NeuroImage
6	This is your brain on Scrabble: Neural correlates of visual word recognition in competitive Scrabble players as measured during task and resting-state.	Protzner AB, Hargreaves IS, Campbell JA, Myers-Stewart K, van Hees S, Goodyear BG, Sargious P, Pexman PM	Cortex; a journal devoted to the study of the nervous system and behavior
7	Cognitive processing in Chinese literate and illiterate subjects: an fMRI study.	Li G, Cheung RT, Gao JH, Lee TM, Tan LH, Fox PT, Jack CR Jr, Yang ES	Human brain mapping
8	The interaction of lexical semantics and cohort competition in spoken word recognition: an fMRI study.	Zhuang J, Randall B, Stamatakis EA, Marslen-Wilson WD, Tyler LK	Journal of cognitive neuroscience
9	Activation of the left inferior frontal gyrus in the first 200 ms of reading: evidence from magnetoencephalography (MEG).	Cornelissen PL, Kringelbach ML, Ellis AW, Whitney C, Holliday IE, Hansen PC	PloS one
10	Task modulation of brain responses in visual word recognition as studied using EEG/MEG and fMRI.	Chen Y, Davis MH, Pulvermuller F, Hauk O	Frontiers in human neuroscience
11	Effective connectivity of brain regions related to visual word recognition: An fMRI study of Chinese reading.	Xu M, Wang T, Chen S, Fox PT, Tan LH	Human brain mapping
12	Implicit phonological priming during visual word recognition.	Wilson LB, Tregellas JR, Slason E, Pasko BE, Rojas DC	NeuroImage
13	Language lateralization and the role of the fusiform gyrus in semantic processing in young children.	Balsamo LM, Xu B, Gaillard WD	NeuroImage
14	Neural correlates of morphological decomposition in a morphologically rich language: an fMRI study.	Lehtonen M, Vorobyev VA, Hugdahl K, Tuokkola T, Laine M	Brain and language
15	Unconsciously deciphering handwriting: subliminal invariance for handwritten words in the visual word form area.	Qiao E, Vinckier F, Szwed M, Naccache L, Valabregue R, Dehaene S, Cohen L	NeuroImage
16	Effective connectivity of the left BA 44, BA 45, and inferior temporal gyrus during lexical and phonological decisions identified with DCM.	Heim S, Eickhoff SB, Ischebeck AK, Friederici AD, Stephan KE, Amunts K	Human brain mapping
17	Reading normal and degraded words: contribution of the dorsal and ventral visual pathways.	Cohen L, Dehaene S, Vinckier F, Jobert A, Montavont A	NeuroImage
18	The role of the ventral and dorsal pathways in reading Chinese characters and English words.	Sun Y, Yang Y, Desroches AS, Liu L, Peng D	Brain and language
19	Probabilistic orthographic cues to grammatical category in the brain.	Arciuli J, McMahon K, Zubicaray Gd	Brain and language
20	Investigating unique environmental contributions to the neural representation of written words: a monozygotic twin study.	Park J, Park DC, Polk TA	PloS one
21	Right prefrontal cortex and episodic memory retrieval: a functional MRI test of the monitoring hypothesis.	Henson RN, Shallice T, Dolan RJ	Brain : a journal of neurology
22	Visual processing of words in a patient with visual form agnosia: A behavioural and fMRI study.	Cavina-Pratesi C, Large ME, Milner AD	Cortex; a journal devoted to the study of

			the nervous system and behavior
23	Opaque for the reader but transparent for the brain: neural signatures of morphological complexity.	Meinzer M, Lahiri A, Flaisch T, Hannemann R, Eulitz C	Neuropsychologia
24	Individual differences in skilled adult readers reveal dissociable patterns of neural activity associated with component processes of reading.	Welcome SE, Joanisse MF	Brain and language
25	Developmental differences for word processing in the ventral stream.	Olulade OA, Flowers DL, Napoliello EM, Eden GF	Brain and language
26	Distributed cortical networks for syntax processing: Broca's area as the common denominator.	Heim S, Opitz B, Friederici AD	Brain and language
27	The visual word form area and the frequency with which words are encountered: evidence from a parametric fMRI study.	Kronbichler M, Hutzler F, Wimmer H, Mair A, Staffen W, Ladurner G	NeuroImage
28	Neural circuitry of the bilingual mental lexicon: effect of age of second language acquisition.	Isel F, Baumgaertner A, Thran J, Meisel JM, Buchel C	Brain and cognition
29	Neural correlates of semantic priming for ambiguous words: an event-related fMRI study.	Copland DA, de Zubicaray GI, McMahon K, Eastburn M	Brain research
30	Hierarchical coding of letter strings in the ventral stream: dissecting the inner organization of the visual word-form system.	Vinckier F, Dehaene S, Jobert A, Dubus JP, Sigman M, Cohen L	Neuron
31	Fixation-Related fMRI Analysis in the Domain of Reading Research: Using Self-Paced Eye Movements as Markers for Hemodynamic Brain Responses During Visual Letter String Processing.	Richlan F, Gagl B, Hawelka S, Braun M, Schurz M, Kronbichler M, Hutzler F	Cerebral cortex (New York, N.Y. : 1991)
32	Processing concrete words: fMRI evidence against a specific right-hemisphere involvement.	Fiebach CJ, Friederici AD	Neuropsychologia
33	Neural control of cross-language asymmetry in the bilingual brain.	Nakamura K, Kouider S, Makuuchi M, Kuroki C, Hanajima R, Ugawa Y, Ogawa S	Cerebral cortex (New York, N.Y. : 1991)
34	The impact of iconic gestures on foreign language word learning and its neural substrate.	Macedonia M, Muller K, Friederici AD	Human brain mapping
35	Phoneme and word recognition in the auditory ventral stream.	DeWitt I, Rauschecker JP	Proceedings of the National Academy of Sciences of the United States of America
36	Elaborative verbal encoding and altered anterior parahippocampal activation in adolescents and young adults at genetic risk for schizophrenia using FMRI.	Thermenos HW, Seidman LJ, Poldrack RA, Peace NK, Koch JK, Faraone SV, Tsuang MT	Biological psychiatry
37	The orthographic sensitivity to written Chinese in the occipital-temporal cortex.	Liu H, Jiang Y, Zhang B, Ma L, He S, Weng X	Experimental brain research
38	The Visual Word Form Area: evidence from an fMRI study of implicit processing of Chinese characters.	Liu C, Zhang WT, Tang YY, Mai XQ, Chen HC, Tardif T, Luo YJ	NeuroImage
39	Cognitive levels of performance account for hemispheric lateralisation effects in dyslexic and normally reading children.	Heim S, Grande M, Meffert E, Eickhoff SB, Schreiber H, Kukulja J, Shah NJ, Huber W, Amunts K	NeuroImage
40	Role of the superior parietal lobules in letter-identity processing within strings: FMRI evidence from skilled and dyslexic readers.	Reilhac C, Peyrin C, Demonet JF, Valdois S	Neuropsychologia
41	Attention-related activity during episodic memory retrieval: a cross-function fMRI study.	Cabeza R, Dolcos F, Prince SE, Rice HJ, Weissman DH, Nyberg L	Neuropsychologia
42	Distinct brain representations for early and late learned words.	Fiebach CJ, Friederici AD, Muller K, von Cramon DY, Hernandez AE	NeuroImage
43	Combined ERP/fMRI evidence for early word recognition effects in the posterior inferior temporal gyrus.	Dien J, Brian ES, Molfese DL, Gold BT	Cortex; a journal devoted to the study of the nervous system and behavior
44	Age-related neural reorganization during spoken word recognition: the interaction of form and meaning.	Shafto M, Randall B, Stamatakis EA, Wright P, Tyler LK	Journal of cognitive neuroscience
45	Modulation of brain activity by multiple lexical and word form variables in visual word recognition: A parametric fMRI study.	Hauk O, Davis MH, Pulvermuller F	NeuroImage

46	Task by stimulus interactions in brain responses during Chinese character processing.	Yang J, Wang X, Shu H, Zevin JD	NeuroImage
47	Modeling activation and effective connectivity of VWFA in same script bilinguals.	Boukrina O, Hanson SJ, Hanson C	Human brain mapping
48	Neural correlates of the orthographic neighborhood size effect in Chinese.	Li QL, Bi HY, Zhang JX	The European journal of neuroscience
49	Reinstatement of encoding context during recollection: behavioural and neuroimaging evidence of a double dissociation.	Skinner EI, Manios M, Fugelsang J, Fernandes MA	Behavioural brain research
50	Evidence for Cerebellar Contributions to Adaptive Plasticity in Speech Perception.	Guediche S, Holt LL, Laurent P, Lim SJ, Fiez JA	Cerebral cortex (New York, N.Y. : 1991)
51	The effects of age on the neural correlates of episodic encoding.	Grady CL, McIntosh AR, Rajah MN, Beig S, Craik FI	Cerebral cortex (New York, N.Y. : 1991)
52	Selective response to letter categorization within the left fusiform gyrus.	Pernet C, Celsis P, Demonet JF	NeuroImage
53	Dissociating the cortical basis of memory for voices, words and tones.	Stevens AA	Brain research. Cognitive brain research
54	Pre-orthographic character string processing and parietal cortex: a role for visual attention in reading?	Lobier M, Peyrin C, Le Bas JF, Valdois S	Neuropsychologia
55	A cross-linguistic evaluation of script-specific effects on fMRI lateralization in late second language readers.	Koyama MS, Stein JF, Stoodley CJ, Hansen PC	Frontiers in human neuroscience
56	An event-related fMRI investigation of phonological-lexical competition.	Prabhakaran R, Blumstein SE, Myers EB, Hutchison E, Britton B	Neuropsychologia
57	Decoding letter position in word reading.	Ossmy O, Ben-Shachar M, Mukamel R	Cortex; a journal devoted to the study of the nervous system and behavior
58	Neuroanatomically separable effects of imageability and grammatical class during single-word comprehension.	Bedny M, Thompson-Schill SL	Brain and language
59	Optimally efficient neural systems for processing spoken language.	Zhuang J, Tyler LK, Randall B, Stamatakis EA, Marslen-Wilson WD	Cerebral cortex (New York, N.Y. : 1991)
60	An fMRI examination of the effects of acoustic-phonetic and lexical competition on access to the lexical-semantic network.	Minicucci D, Guediche S, Blumstein SE	Neuropsychologia
61	Emotional valence and arousal affect reading in an interactive way: neuroimaging evidence for an approach-withdrawal framework.	Citron FM, Gray MA, Critchley HD, Weekes BS, Ferstl EC	Neuropsychologia
62	Human striatal activation during adjustment of the response criterion in visual word recognition.	Kuchinke L, Hofmann MJ, Jacobs AM, Fruhholz S, Tamm S, Herrmann M	NeuroImage
63	A dual-route perspective on poor reading in a regular orthography: an fMRI study.	Wimmer H, Schurz M, Sturm D, Richlan F, Klackl J, Kronbichler M, Ladurner G	Cortex; a journal devoted to the study of the nervous system and behavior
64	Sensitivity to orthographic familiarity in the occipito-temporal region.	Bruno JL, Zumberge A, Manis FR, Lu ZL, Goldman JG	NeuroImage
65	Visual processing of multiple elements in the dyslexic brain: evidence for a superior parietal dysfunction.	Lobier MA, Peyrin C, Pichat C, Le Bas JF, Valdois S	Frontiers in human neuroscience
66	A surface-based analysis of language lateralization and cortical asymmetry.	Greve DN, Van der Haegen L, Cai Q, Stufflebeam S, Sabuncu MR, Fischl B, Brysbaert M	Journal of cognitive neuroscience
67	Repetition suppression and semantic enhancement: an investigation of the neural correlates of priming.	Raposo A, Moss HE, Stamatakis EA, Tyler LK	Neuropsychologia
68	Syllable congruency and word frequency effects on brain activation.	Carreiras M, Riba J, Vergara M, Heldmann M, Munte TF	Human brain mapping
69	Recollection and familiarity in recognition memory: an event-related functional magnetic resonance imaging study.	Henson RN, Rugg MD, Shallice T, Josephs O, Dolan RJ	The Journal of neuroscience : the official journal of the Society for Neuroscience
70	Recognition memory for Braille or spoken words: an fMRI study in early blind.	Burton H, Sinclair RJ, Agato A	Brain research
71	Comparison of the neural correlates of retrieval success	Okada K, Vilberg KL, Rugg MD	Human brain mapping

in tests of cued recall and recognition memory.		
72	Prion protein M129V polymorphism affects retrieval-related brain activity.	Buchmann A, Mondadori CR, Hanggi J, Aerni A, Vrticka P, Luechinger R, Boesiger P, Hock C, Nitsch RM, de Quervain DJ, Papassotiropoulos A, Henke K Neuropsychologia
73	Hierarchical coding of characters in the ventral and dorsal visual streams of Chinese language processing.	Chan ST, Tang SW, Tang KW, Lee WK, Lo SS, Kwong KK NeuroImage
74	A test of the role of the medial temporal lobe in single-word decoding.	Osipowicz K, Rickards T, Shah A, Sharan A, Sperling M, Kahn W, Tracy J NeuroImage