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Equation 1

$$p(ID) = \frac{p(S)}{p(S) + \sum\limits_{j=1}^{n} p(N_j)}$$

Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David

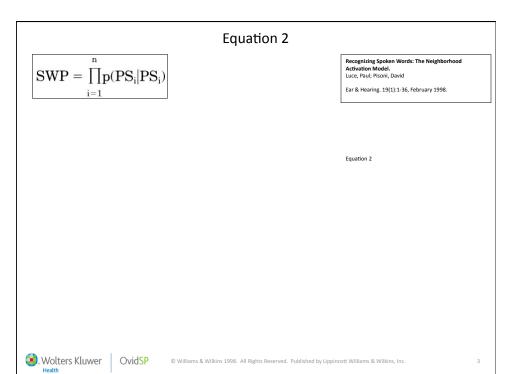
Ear & Hearing. 19(1):1-36, February 1998.

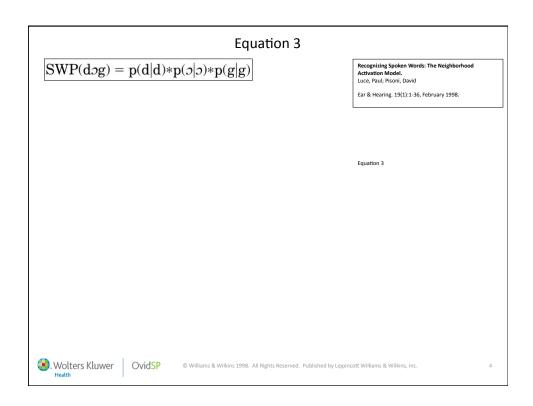
Equation 1

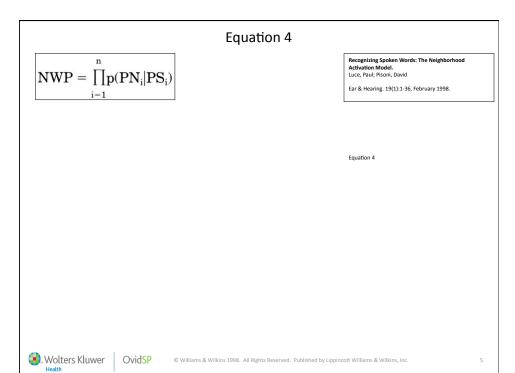


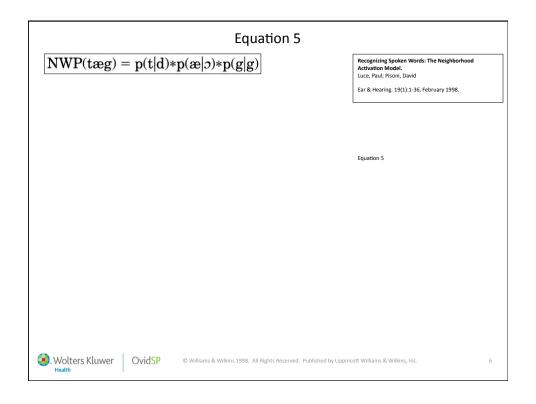
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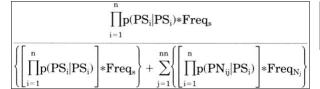












Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David

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Equation 6

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TABLE 1

SN Ratio	FWNPR	Word Frequency (log ₁₀)
+15	0.4043*	0.2082*
+5	0.4687*	0.2329*
-5	0.2276*	0.2470*

Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David

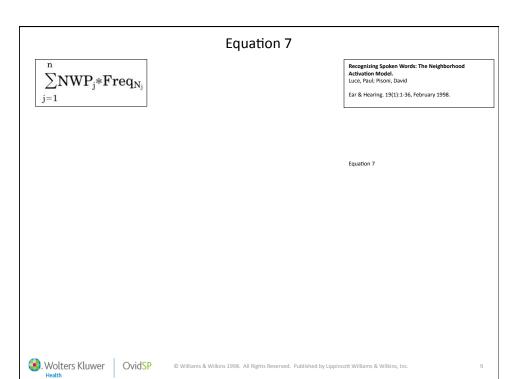
Ear & Hearing. 19(1):1-36, February 1998.

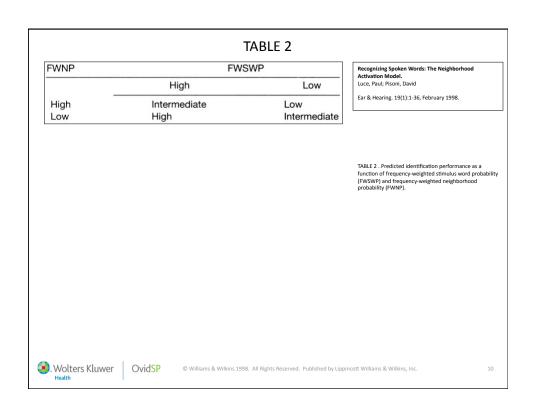
TABLE 1. Correlations between the frequency-weighted neighborhood probability rule (FWNPR), word frequency, and identification scores for each signal to noise (SN) ratio.

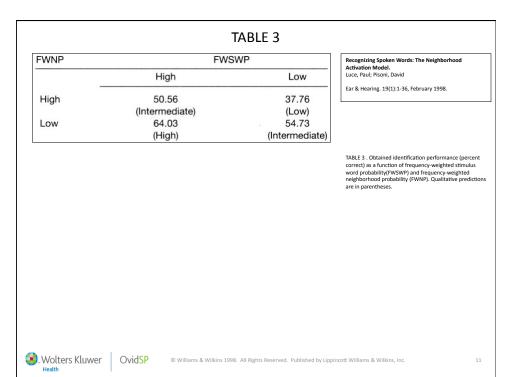
Wolters Kluwer Health

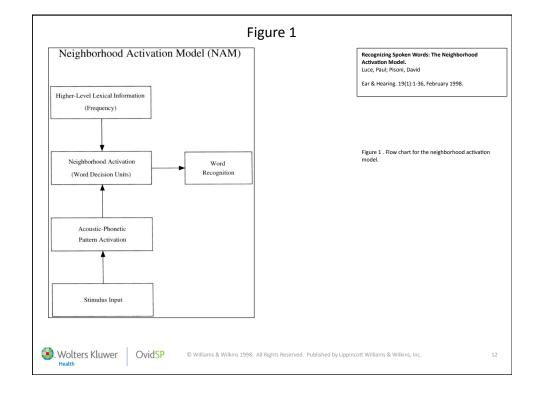
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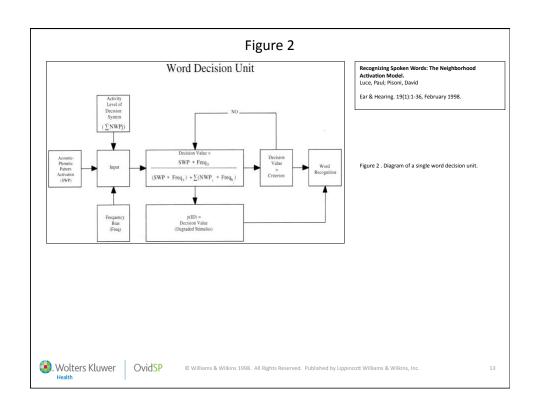


TABLE 4 High-Frequency Words Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David Neighborhood Density Neighborhood Frequency High Low Ear & Hearing. 19(1):1-36, February 1998. High 92.59 92.58 (4.29) (5.20) Low 94.73 93.82 (4.83)(5.80)TABLE 4 . Means and standard deviations for the accuracy data for words for Experiment 2. Low-Frequency Words Neighborhood Frequency Neighborhood Density High Low High 88.80 82.19 (7.75) 89.57 (9.21) 83.59 Low (7.24)(8.05) ... Wolters Kluwer OvidSP 14 © Williams & Wilkins 1998. All Rights Reserved. Published by Lippincott Williams & Wilkins, Inc.

TABLE 5

High-Freque	ency Words	
Neighborhood Frequency	Neighborhood Density	
	High	Low
High	409	382
	(74)	(75)
Low	392	377
	(113)	(104
Low-Freque	ency Words	
Neighborhood Frequency	Neighborhood Densi	
		1
	High	Low
High	High 451	463
High		
High Low	451	463

Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David

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TABLE 5 . Means and standard deviations for the reaction time data for words for Experiment 2.





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TABLE 6

Neighborhood Frequency	Neighborhood Density	
	High	Low
High	84.08	89.61
940000	(6.85)	(4.96)
Low	89.03	90.44
Fundholds end	(6.74)	(4.56)

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TABLE 6 . Means and standard deviations for the accuracy data for nonwords for Experiment 2.



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TABLE 7

Neighborhood Frequency	Neighborhood Density	
	High	Low
High	455	419
	(118)	(116)
Low	447	404
400 S 500 C C C C C C C C C C C C C C C C C C	(115)	(99)

Recognizing Spoken Words: The Neighborhood Activation Model. Luce, Paul; Pisoni, David

Ear & Hearing. 19(1):1-36, February 1998.

TABLE 7 . Means and standard deviations for the reaction time data for nonwords for Experiment 2. $\label{eq:table_eq} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{ll} \e$





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TABLE 8

High-Frequ	ency Words	
Neighborhood Frequency	Neighborh	ood Density
	High	Low
High	97.67	98.56
	(2.30)	(1.79)
Low	98.78	98.56
	(1.70)	(1.92)
Low-Frequ	ency Words	
	Neighborhood Den	
Neighborhood Frequency	Neighborh	ood Density
Neighborhood Frequency	Neighborh High	ood Density Low
Neighborhood Frequency High		
	High	Low
	High 96.78	Low 97.11

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TABLE 8 . Means and standard deviations for the accuracy data for Experiment 3.

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TABLE 9

High-Frequ	ency Words	
Neighborhood Frequency	Neighborhood Density	
	High	Low
High	840	744
	(183)	(175)
Low	852	716
	(168)	(171
	(100)	(
Low-Freque	ency Words	
Low-Frequency	ency Words	ood Density
	ency Words	
	ency Words Neighborho	ood Density
Neighborhood Frequency	ency Words Neighborho High	ood Density Low 736
Neighborhood Frequency	ency Words Neighborho High 731	ood Density Low

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TABLE 9 . Means and standard deviations for the reaction time data for Experiment 3. $\label{eq:table_eq} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{ll} \end{subarray}$





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