

# Scoring Semantics

target	response	semantic_score	target	response	semantic_score	target
cat	dog	0.88	book	dog	0.18	computer
cat	tiger	0.79	book	tiger	0.02	computer
cat	child	0.48	book	child	0.21	computer
cat	lion	0.72	book	lion	0.12	computer
cat	airplane	0.33	book	airplane	-0.03	computer
cat	computer	0.28	book	computer	0.25	computer
cat	house	0.33	book	house	0.12	computer
cat	animal	0.63	book	animal	0.10	computer
cat	tree	0.56	book	tree	0.12	computer
cat	lamp	0.35	book	lamp	0.06	computer
cat	chair	0.13	book	chair	0.09	computer
cat	table	0.28	book	table	0.19	computer
cat	fish	0.59	book	fish	-0.01	computer
cat	octopus		book	octopus		computer
cat	mop	0.19	book	mop	-0.10	computer
cat	ball	0.45	book	ball	0.06	computer
cat	book	0.24	book	book	1.00	computer
cat	cat	1.00	book	ipad	0.06	computer

- **Word Embeddings:** Allow us to automatically get a measure of the semantic distance between two words

**Themis**

Neural Research    Transcription    Phenetics    Grammar    Spelling    Morphology

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## Themis

### Improving clinical diagnosis, treatment, and quality of life for all.

Conditions affecting speech and language are currently evaluated and diagnosed using traditional manual tests, such as the Boston Naming, repetition tasks, digit spans, the Pyramids and Palm Trees, Gordon Naming, etc.

Most of these tests take considerable time and effort to administer and most of them are not easily quantifiable.

The aim of Themis is to provide accessible computational tools to enable better diagnostic and prognostic procedures in the clinic, facilitating the work of clinicians, and ultimately offering better treatment using automated computational tools.



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### Website Launched

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# IPA Transcription

Thesis		Home Research Transcription Phonetics Grammar Spelling Self-Pr...																																		
<h2 style="text-align: center;">Morphology and Lexical Diversity</h2>																																				
Text	<p>Speech communication provides substantial linguistic, interactional, social information. Fundamentally, it provides information about the linguistic contributions of the interlocutors to the development of the macrostructure and microstructures of discourse, which include topic organization, information structure, the cohesion of forms and coherence of meanings. We can also evaluate how interlocutors follow the conventions of speech in interactive to exchange turns, resolve overlaps, avoid interruptions etc., using cues for turn-conclusion, turn-coordination, etc. As speech communication takes place in dynamic sociolinguistic and multilingual environments the successful conversational contributions are those that consider the identities of other participants and the social, economic etc. constraints that are associated with these participants. Other information such as the affective and socio-linguistic information can also be elicited from speech conversations.</p>																																			
	<table border="1"> <tbody> <tr><td>Words</td><td>21</td></tr> <tr><td>Verbs</td><td>10</td></tr> <tr><td>Adjectives</td><td>21</td></tr> <tr><td>Adverbs</td><td>4</td></tr> <tr><td>Pronouns</td><td>3</td></tr> <tr><td>Function Words</td><td>42</td></tr> <tr><td>Content Words</td><td>88</td></tr> <tr><td>Characters</td><td>671</td></tr> <tr><td>Word count</td><td>112</td></tr> <tr><td>Word count tokenized</td><td>118</td></tr> <tr><td>Word density</td><td>3.88421</td></tr> <tr><td>Punctuation count</td><td>21</td></tr> <tr><td>Title word count</td><td>0</td></tr> <tr><td>UDPCASE word count</td><td>0</td></tr> <tr><td>Symbols</td><td>0</td></tr> <tr><td>FTF</td><td>0.864</td></tr> </tbody> </table>					Words	21	Verbs	10	Adjectives	21	Adverbs	4	Pronouns	3	Function Words	42	Content Words	88	Characters	671	Word count	112	Word count tokenized	118	Word density	3.88421	Punctuation count	21	Title word count	0	UDPCASE word count	0	Symbols	0	FTF
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# Automated Platform