

# 疑问代词“什么”的疑问、任指和否定用法的韵律和听感研究

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## 摘要

本文对汉语疑问代词“什么”表“疑问”、“任指”和“否定”的韵律和听感表现进行了全面的考察和比较。结果表明：表“疑问”的“什么”语句的韵律表现接近一般疑问句；表“任指”的“什么”语句为焦点重音位于“都”的陈述句；表“否定”的“什么”语句为焦点重音分别位于“什么”或谓语动词“算”的感叹句。感知实验的结果表明：不同用法的“什么”自身的声学差异不会影响对于原句语气类型的判断，但会在一定程度上影响其自然度的判断。综合声学 and 听感表现，表疑问和任指的“什么”属于自然重音，表否定的重读形式的“什么”属于“强调重音”。三种用法应运用多维度语音标准来区分，即，韵律和听感两个方面，同时韵律层面应包括音高、时长和音强三个参数。

## 关键词

什么 任指 否定 韵律 听感

## 1. 引言

疑问代词“什么”的用法丰富，功能多样，对于其使用和分类的研究由来已久。朱德熙 (Zhu 1982) 将疑问代词的用法划分为表示疑问和非疑问两种。对于“什么”的疑问用法，语法学界已经较为成熟，

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A PROSODIC AND PERCEPTIONAL STUDY ON THE  
CHINESE INTERROGATIVE PRONOUN “*SHEN ME*”  
WHEN INDICATING INQUIRY, FREE REFERENCE  
AND NEGATION

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ABSTRACT

This paper makes a comprehensive investigation and comparison of the prosodic and perceptual performance of the interrogative pronoun “*shen me*” when indicating question, free reference and negation. The results show that the prosodic performance of the sentence using “*shen me*” to indicate a question is similar to the prosody of an interrogative sentence; the sentence using “*shen me*” to indicate free reference has the intonation of a declarative sentence with the focus stress on “*dou*”; and the sentence using “*shen me*” to indicate negation has the intonation of an exclamatory sentence with focus stress on “*shen me*” or the predicative verb “*suan*”. The results of these perceptual experiments show that the acoustic differences of “*shen me*” won't affect the listener's judgement of the mood of the original sentence, but will affect the judgement of its naturalness to a certain extent. Combining acoustic and perceptual performance, “*shen me*” indicating a question and free reference carries natural stress, and “*shen me*” indicating negation carries emphatic stress. The three functions of “*shen me*” should be discriminated using multi-dimensional standards, that is, both prosody and perception. Additionally, the prosodic standard should include pitch, duration and intensity.

KEYWORDS

*Shen me* Free reference Negation Prosody Perception