

## The association between an oxytocin receptor gene polymorphism and cultural orientations

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### Abstract

Oxytocin receptor gene (OXTR) polymorphism has been found to be associated with social behaviors and emotions. However, the relationship between OXTR polymorphism and cultural orientations remains unclear. In this study, we examined the association between OXTR polymorphism and cultural orientations in a sample of Chinese individuals. The results showed that individuals with the GG genotype of OXTR were more likely to score higher on collectivism and lower on individualism compared to those with the AA genotype. Moreover, the GG genotype was associated with higher scores on Confucianism and lower scores on Western individualism. These findings suggest that OXTR polymorphism may influence cultural orientations in Chinese individuals, and that the GG genotype is associated with a more collectivist and Confucian orientation.

### Keywords

oxytocin receptor gene (OXTR) polymorphism, cultural orientations, collectivism, individualism, Confucianism

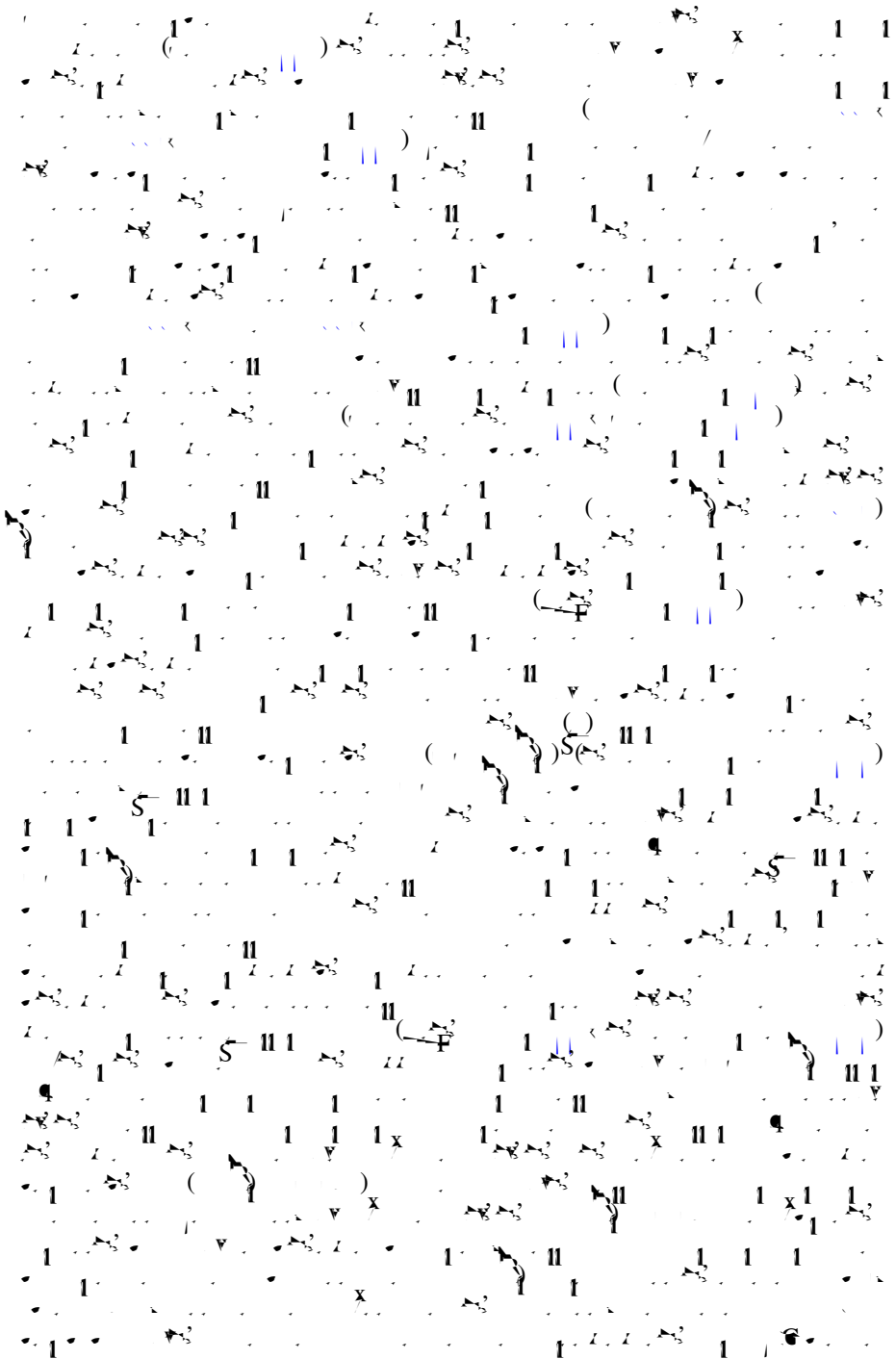
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## Introduction



Missa

Handwritten musical notation on a five-line staff, featuring a treble clef and a common time signature. The notation includes various musical symbols such as notes, rests, beams, and dynamic markings like 'p' and 'f'. The word 'Missa' is written at the top right of the page.



Table 1

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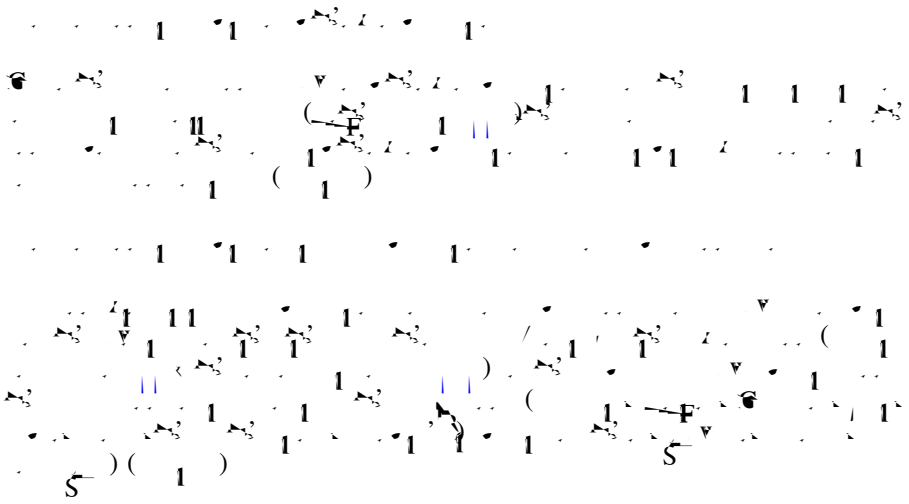


Table 1 . . . .

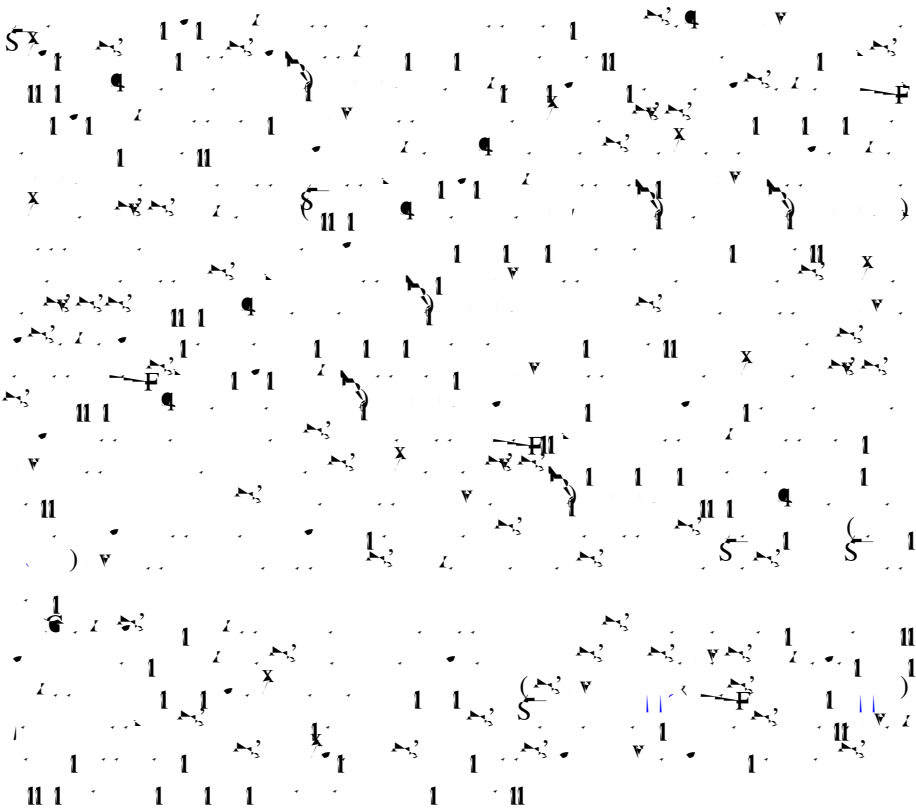
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	%	%	%	%	%	
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49	1	1	1	1	1	1
50	1	1	1	1	1	1



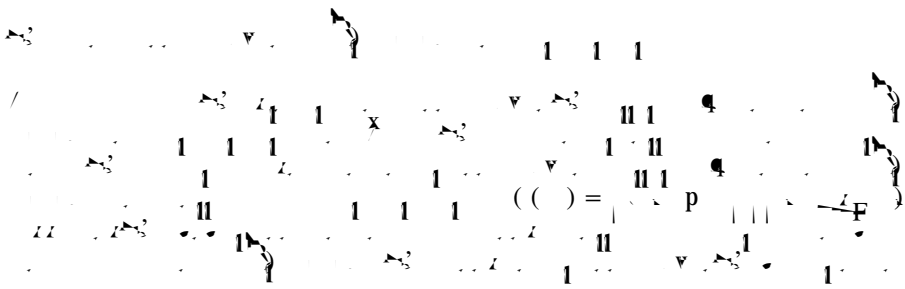




### Statistical analysis



## Results







1176 6 1 = 1176

This image shows a page of handwritten musical notation, likely a score for a string ensemble or orchestra. The notation is dense and includes various symbols and markings:

- Staffs:** Multiple staves are visible, with notes and rests written in black ink.
- Dynamic Markings:** The letter "p" (piano) is used to indicate soft dynamics in several places.
- Articulation:** There are numerous accents (v-shaped marks) and slurs (curved lines) over the notes.
- Rehearsal Marks:** Roman numerals (II, III, IV, V, VI, VII, VIII, IX, X, XI, XII) are placed at the beginning of various sections, indicating rehearsal points.
- Other Symbols:** The letters "S" and "X" are used as section markers. There are also some unusual symbols, possibly representing specific performance techniques or editing marks.
- Handwriting:** The notation is written in a cursive, handwritten style, typical of a composer's or arranger's manuscript.







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