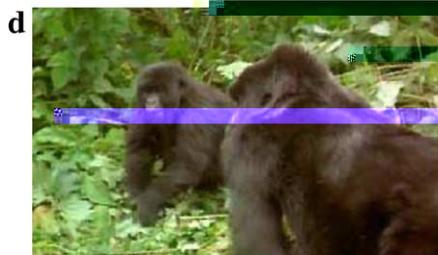


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Stimuli and procedure

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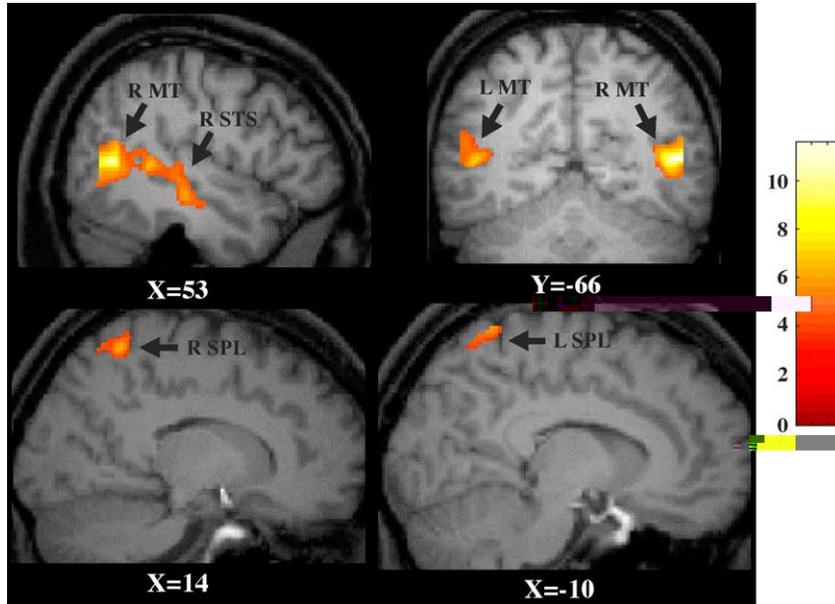


Fig. 6. Coronal (left) and axial (right) slices of the brain showing significant activation in the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions. The color scale indicates the magnitude of activation, ranging from 0 to 10. The purple bar indicates the location of the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions.

Coronal (left) and axial (right) slices of the brain showing significant activation in the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions. The color scale indicates the magnitude of activation, ranging from 0 to 10. The purple bar indicates the location of the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions.

axial (right) slices of the brain showing significant activation in the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions. The color scale indicates the magnitude of activation, ranging from 0 to 10. The purple bar indicates the location of the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions.

Discussion

The present study investigated the neural basis of... The results show significant activation in the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions. These findings are consistent with previous research on the role of the STS and MT in language processing.

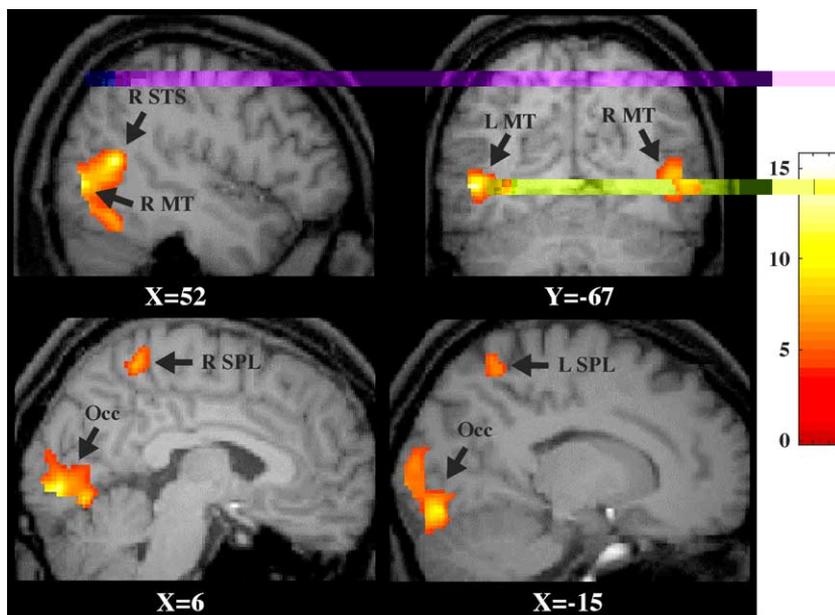


Fig. 7. Coronal (left) and axial (right) slices of the brain showing significant activation in the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions. The color scale indicates the magnitude of activation, ranging from 0 to 15. The purple bar indicates the location of the superior temporal sulcus (STS) and middle temporal gyrus (MT) regions.

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Acknowledgments

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References

B , ., a w , ., 2004. V a a - I¹ I¹ a -
 a . C . I¹ . 60, 317 330.
 B , ., a a , ., a -Ba , ., , ., 2000. A
 a I¹ a w I¹ a a a .
 a 11, 157 166.
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 a a . a 12, 314 325.
 , ., .A., 1998. a I¹ :
 a a , a a . C . 2, 355 362.
 a a I¹, ., a a a, w¹, a , ., 1995. w¹a a I¹ a
 ? . x . I¹ . 21, 628 634.
 I¹, .C., a , ., I¹, ., Ba , .C., a , .,
 a wa , ., I¹, C., 1995. I¹ I¹ a :a
 a a - "I¹ - " - I¹ -
 . C 57, 109 128.
 I¹, C., I¹, ., 1999. a a a .
 286, 1692 1695.
 a a I¹, ., a , ., B w , ., I¹, .C., I¹, ., I¹,
 C., 2000. a I¹ a a :a -
 I¹ , a a a a . I¹ a 38,
 11 21.
 a a I¹, ., a , .A., .A., I¹, C., 2002. a I¹
 a a a a . a 16, 814 821.
 , ., C , ., ., ., 1999. I¹ a a
 I¹ a w I¹ I¹ a -
 a . Ba 122, 1875 1887.

a , .A., a I¹, ., 2001. a I¹ a a :
 a a a I¹ I¹ a a . a .
 2, 685 694.
 , .B., B , ., a , ., 2000. I¹ a
 I¹a - w a a . a . 3,
 284 291.
 a , ., a , ., w , B., a - a a , .,
 , ., I¹, C., ., A., 2004. w¹a I¹ a -
 a a a a a a a a a B
 a a a a a a a a a 21,
 1167 1173.
 I¹, ., ., ., I¹, C., Ba , ., I¹a , ., ., 2001. Ba
 a a a a a a a - a a . C .
 . 13, 1048 1058.
 a w I¹, ., ., a a a a , ., 1998. I¹ a
 I¹ I¹ a a a a C 68, B1 B11.
 , ., a a , .A., I¹a a a , ., a a , ., a a a ,
 .A., a a , ., A , ., 2003. V a
 I¹ a a I¹ a a a :a .
 32, 1247 1257.
 , ., ., 1998. a , ., -
 , a I¹: a a - , I¹ - , a . 240,
 740 749.
 , A.C., C , ., w¹a I¹, V , ., I¹, C., 2003. Ba a a
 a a I¹: a I¹ - a
 . a 18, 91 103.
 a , ., w¹, ., 1978. I¹ I¹ a I¹a a I¹ -
 ? B I¹a . Ba . 1, 515 526.
 , A., A , ., B , ., ., .C., Ca I¹, ., 1998. a
 k a a I¹ a w - a I¹ .
 . 18, 2188 2199.
 a a , ., a , .C., 2004. A - I¹ I¹ a a
 I¹ a I¹ . a . 7, 85 90.
 , ., I¹, ., 1999. A a a a a a
 a a - : , a . A . A .
 . 13, 343 382.
 , ., 1986. I¹ a A a . a
 . :B , ., a a , ., I¹ a , .(). a
 a a a a . 2. w , .,
 . 1 71. I¹a . 33.
 w , ., ., a wa , ., a I¹a , ., 2002. A
 a : a a a a I¹ a .
 a 17, 988 998.
 , ., ., 2001. a
 a a :a a a . a . 4,
 546 550.
 a , ., A , ., .A., I¹a a , C., I¹ - , w¹, 2004.
 a a a .
 . 7, 499 500.
 a x , ., a w I¹, ., 2003. I¹ a I¹ . I¹
 I¹ - a a "I¹ - " . a
 19, 1825.
 , ., I¹a V , ., 1999. V a a - , a ?
 V a a - a a a I¹ .
 , ., w , ., Ba -C I¹, ., I¹, ., 1998. a -
 I¹ - . C . 10, 640 656.
 , ., a , ., .A. a , ., .A. a , ., 2001. I¹
 a a a a I¹ . Ba 124, 279 286.
 a a I¹, ., x , ., 1998. C - a a a x A a I¹ a
 Ba . I¹ , w .
 , .B., a , .B., w , ., a a I¹, ., B , ., Ba - ,
 ., ., B , ., B a , ., 1995. a a a I¹ a
 a a a a a a a a a .
 . 15, 3215 3230.
 w¹ a , ., 1990. I¹ I¹ I¹ - . ,
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