

Data

ROI Name

Face ROI

Object ROI

Scene ROI

ROI Book

Neuroimaging and Informatics Team

Beijing Normal University, China

June 28, 2012

Data

Object localizer

1. Face, Scene, Object, Scramble object

Subjects

1. Cohort 2006: 202 college students

Data

ROI Name

Face ROI

Object ROI

Scene ROI

ROI Name

Domain	Region of interest(ROI)	Acronym
Face	Occipital face area	OFA
	Posterior fusiform face area	pFus
	Anterior fusiform face area	aFus
	Posterior continuation of STS	pcSTS
	Posterior superior temporal sulcus	pSTS
	Middle superior temporal sulcus	mSTS
	Anterior superior temporal sulcus	aSTS
Object	Lateral occipital cortex	LO
	Posterior fusiform sulcus	pFs
	Inferior temporal gyrus	ITG
Scene	Parahippocampal gyrus	PPA
	Transverse occipital sulcus	TOS
	Retrosplenial cortex	RSC

Data

ROI Name

Face ROI

Object ROI

Scene ROI

Contrast

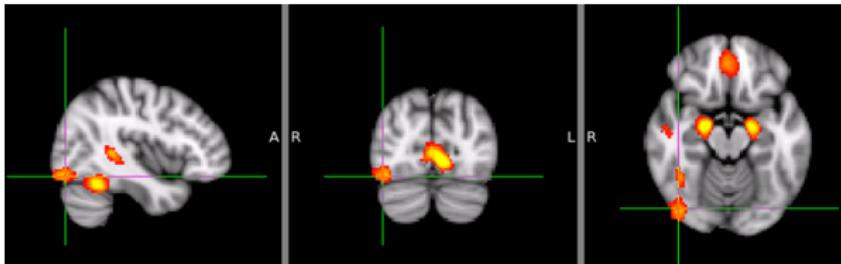
1. Face-Object

ROI

1. OFA, pFus, aFus, pSTS, mSTS, aSTS

Face-OFA

Object ROI book



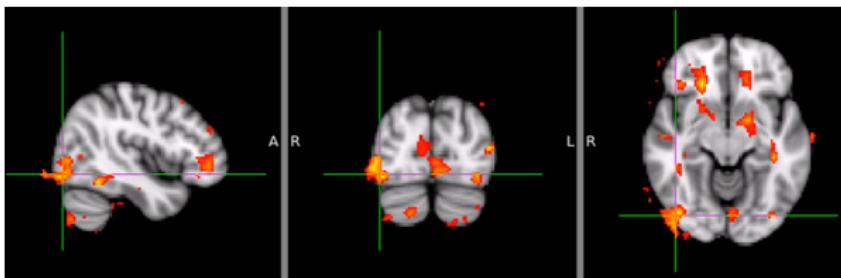
Data

ROI Name

Face ROI

Object ROI

Scene ROI



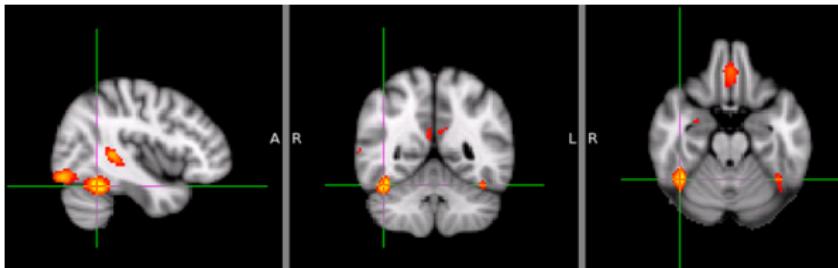
MRI Lateral Occipital Cortex,inferior division

Parcel ID=XX

Zstat Posterior to pFus, superior to cerebellum

Face-pFus

Object ROI book



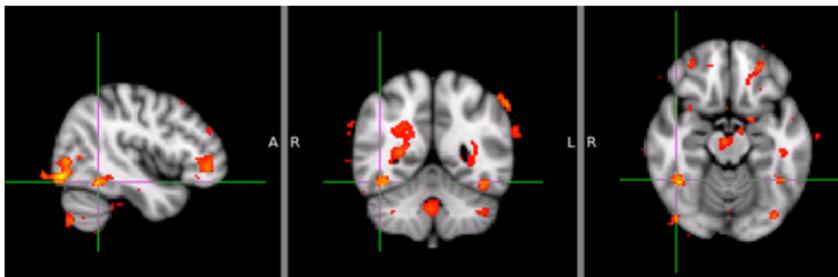
Data

ROI Name

Face ROI

Object ROI

Scene ROI



MRI Temporal Occipital Fusiform cortex,posterior

Label ID=XX

Zstat Anterior to OFA, superior to cerebellum

Face-aFus

Object ROI book

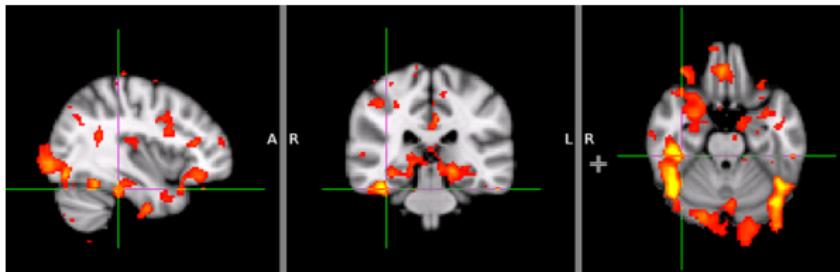
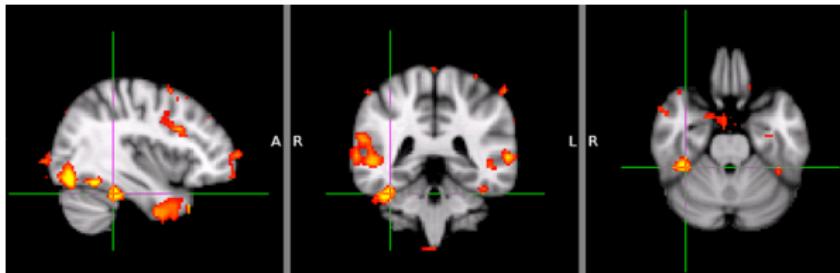
Data

ROI Name

Face ROI

Object ROI

Scene ROI



MRI Temporal Occipital Fusiform cortex,anterior

Label ID=XX

Zstat Anterior to pFus

Face-pSTS

Object ROI book

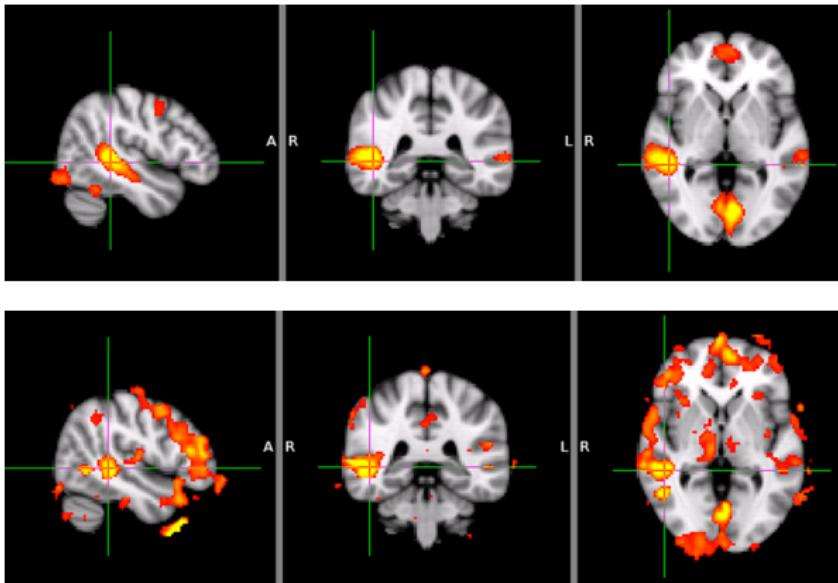
Data

ROI Name

Face ROI

Object ROI

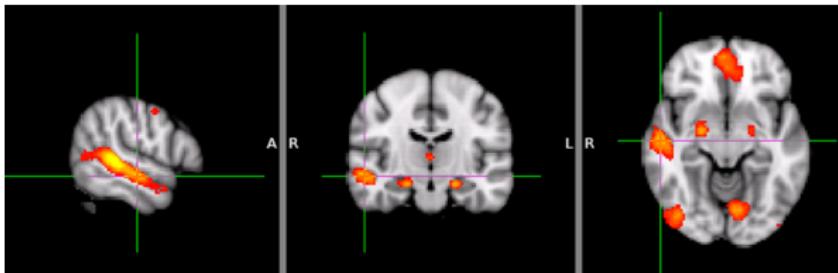
Scene ROI



MRI Superior temporal sulcus, middle division
Label ID=XX
Zstat Posterior, superior to mSTS, anterior, inferior to IPL

Face-mSTS

Object ROI book



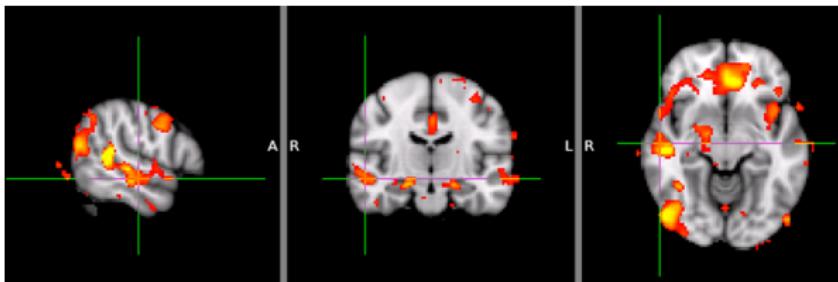
Data

ROI Name

Face ROI

Object ROI

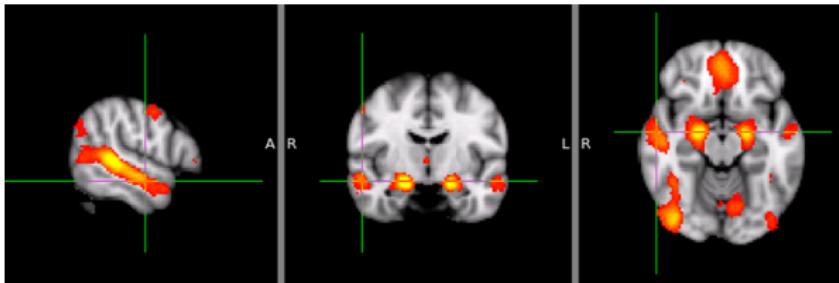
Scene ROI



MRI Superior temporal sulcus, middle division
Label ID=XX
Zstat Anterior, inferior to pSTS

Face-aSTS

Object ROI book



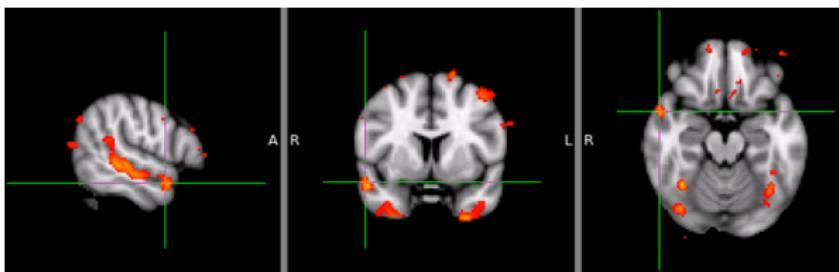
Data

ROI Name

Face ROI

Object ROI

Scene ROI



MRI Superior temporal sulcus, anterior division
Label ID=XX
Zstat Anterior, inferior to mSTS, superior to aIT

Data

ROI Name

Face ROI

Object ROI

Scene ROI

Contrast

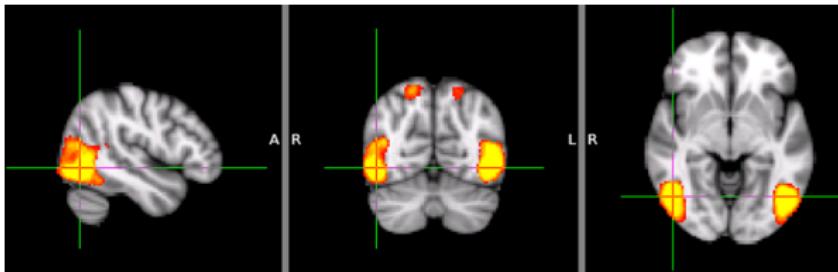
1. Object-scramble object

ROI

1. LO, pFs, ITS

Object-LO

Object ROI book



MRI Superior temporal sulcus, anterior division
Label ID=XX
Zstat Anterior, inferior to mSTS, superior to aIT

Data

ROI Name

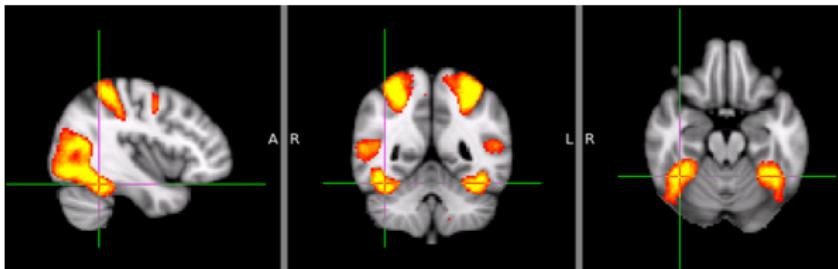
Face ROI

Object ROI

Scene ROI

Object-pFs

Object ROI book



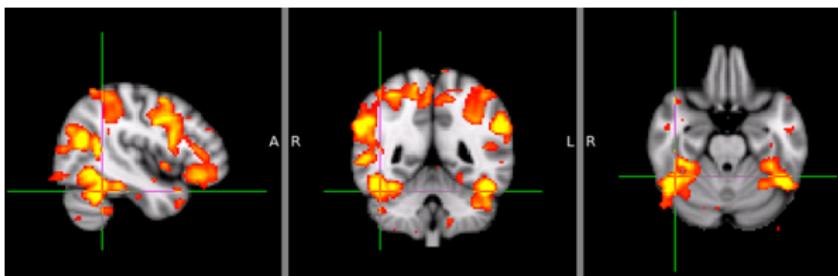
Data

ROI Name

Face ROI

Object ROI

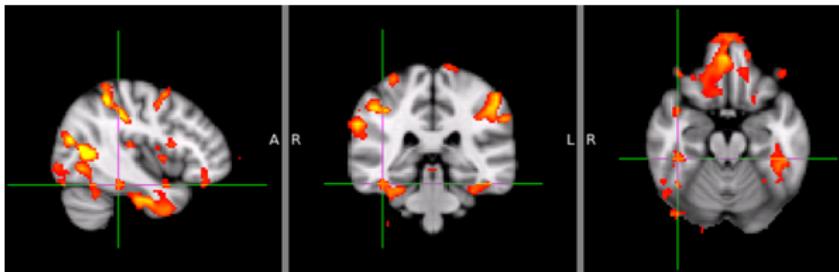
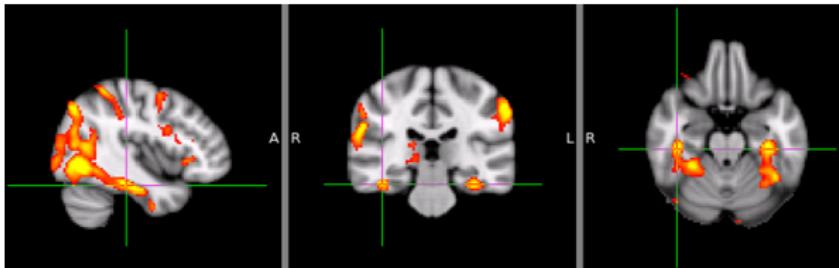
Scene ROI



MRI	Superior temporal sulcus, anterior division
Label	ID=XX
Zstat	Anterior, inferior to mSTS, superior to aIT

Object-ITS

Object ROI book



MRI	Superior temporal sulcus, anterior division
Label	ID=XX
Zstat	Anterior, inferior to mSTS, superior to aIT

Data

ROI Name

Face ROI

Object ROI

Scene ROI

Data

ROI Name

Face ROI

Object ROI

Scene ROI

Contrast

1. Scene-object

ROI

1. PPA, TOS, RSC

Scene-PPA

Object ROI book

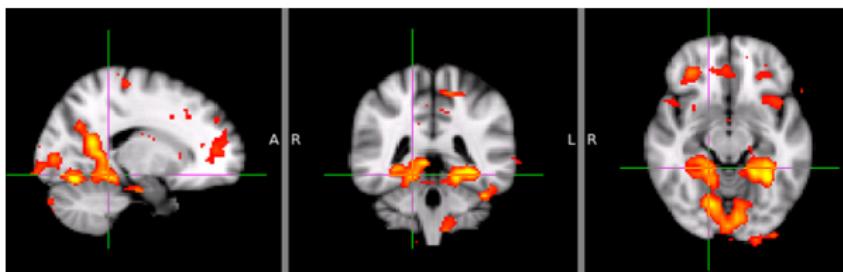
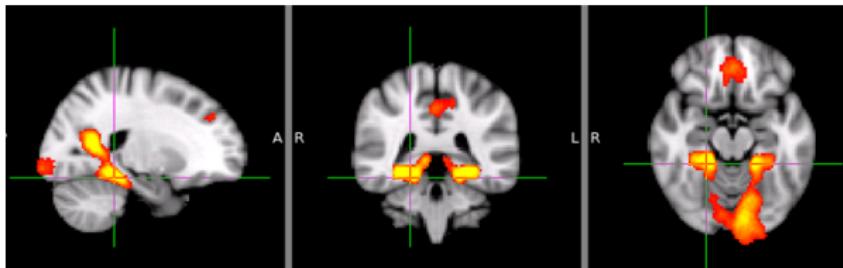
Data

ROI Name

Face ROI

Object ROI

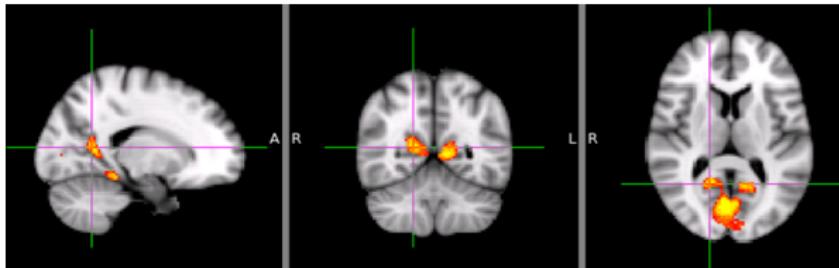
Scene ROI



MRI Parahippocampal gyrus and lingual gyrus
Label ID=XX
Zstat Anterior, inferior to RSC

Scene-RSC

Object ROI book



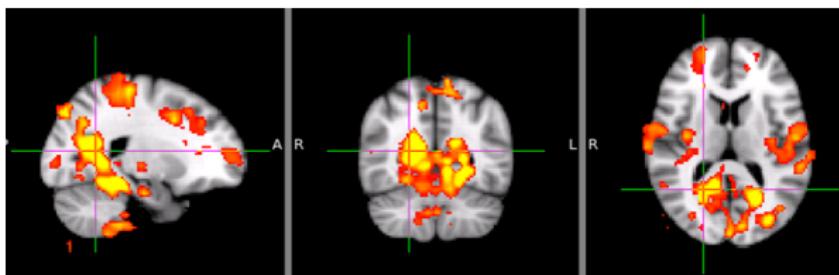
Data

ROI Name

Face ROI

Object ROI

Scene ROI



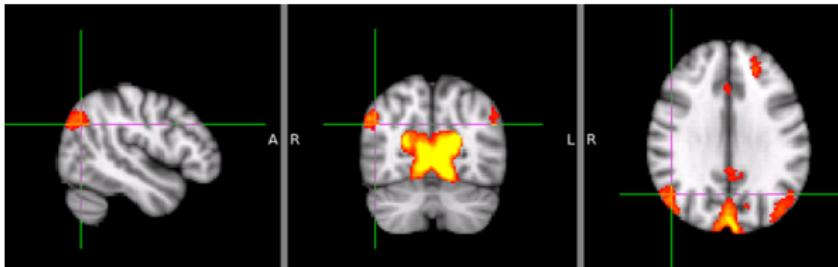
MRI Precuneous cortex(Retrosplenial cortex)

Label ID=XX

Zstat Lateral and superior to PPA

Scene-TOS

Object ROI book



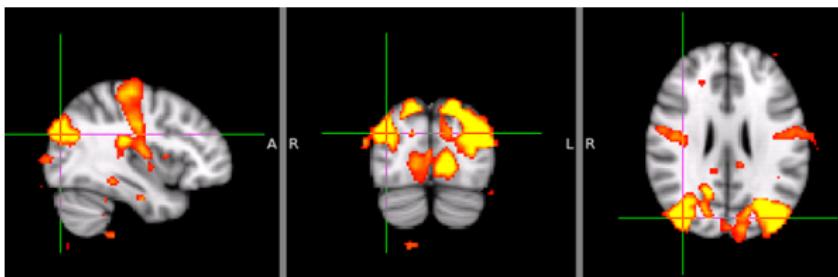
Data

ROI Name

Face ROI

Object ROI

Scene ROI



MRI Lateral occipital cortex,superior division
Label ID=XX
Zstat Lateral to RSC
