



AFNI Bootcamp – Dec. 3-7, 2018

South China Normal University, Guangzhou



	Mon	Tues	Wedn	Thur	Fri
09:00-10:20	AFNI Introduction Cox	ROIs and Atlases Taylor	Advanced FMRI & Clustering Cox	ROI-based Network Analysis Chen	Resting State & InstaCorr Cox
break					
10:40-12:00	AFNI Interactive Taylor	FMRI Analysis: Start-to-Middle Cox	Exp. Design & Group Analysis Chen	SUMA & Surface Analysis Taylor	DTI & FATCAT & more SUMA Taylor
lunch					
14:30-15:50	Alignment and Registration Taylor	FMRI Analysis: Middle-to-End Cox	Group Analysis in FMRI Chen	More Surface Analysis: SUMA Taylor	[optional] Consultations All
break					
16:10-17:30	Single Subject Analysis Chen	Exercises and Consultations All	Adv. Clustering Statistics Cox	Group Analysis Hands-on, 2 Chen	

Computer setup: <https://afni.nimh.nih.gov/pub/dist/doc/html/doc/index.html>
 Class PDFs: https://afni.nimh.nih.gov/pub/dist/edu/latest/afni_handouts

<u>Class</u>	<u>Handout(s)</u>
• AFNI, FMRI & Dimon (lecture):	afni01_intro.pdf, afni02_to3d.pdf
• AFNI Interactive & Driving AFNI (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• Alignment and Registration (lecture):	afni14_alignment.pdf, afni10_volreg_talairach_extras.pdf
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• ROIs & Atlases (lecture):	afni11_roi.pdf, afni15_templates_atlases.pdf
• FMRI Analysis: Start-to-Middle (hands-on):	afni16_start_to_finish.pdf
• FMRI Analysis: Middle-to-End (hands-on):	afni16_start_to_finish.pdf
• Exercises and Consultations (hands-on):	afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf
• Advanced Regression (lecture):	afni07_advanced.pdf
• Exp. Design & Group Analysis (lecture):	ExptDsgn.pdf
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• Advanced Clustering Statistics (hands-on):	afni_clustering_etac.pdf
• ROI-based Network Analysis (hands-on):	afni26_ROI-based-modeling.pdf
• Group Analysis Hands-on (hands-on):	afni25_GroupAna_HO.pdf, PPI.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• Resting State & InstaCorr (lecture/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• DTI, FATCAT & SUMA (lecture/hands-on):	FATCAT_0[1-4]*.pdf
• Connectivity & Visualization (hands-on):	FATCAT_HO.pdf, FATCAT_DEMO2