



AFNI Bootcamp: November 18-22, 2024

LIBR, Tulsa, OK, USA



	Monday	Tuesday	Wednesday	Thursday	Friday
09:00-09:45 minibreak 09:55-10:40	AFNI Intro & Brief Unix Glen/Reynolds	Templates, Atlases & ROIs Glen	FMRI Quality Control Examples Glen	Group Analysis Hands-On Chen	Resting State & InstaCorr Reynolds
break					
10:55-11:40 minibreak 11:50-12:30	Single Subject Analysis Chen	FMRI Analysis: Start-to-Middle Reynolds	Group Analysis Chen	SUMA: Surface Analysis Reynolds	Advanced Visualization Glen
lunch					
13:30-14:15 minibreak 14:25-15:10	AFNI Driving & Interactive Glen	FMRI Analysis: Middle-to-End... Reynolds	Advanced Group Analysis Chen	More SUMA Surf Analysis Reynolds	Consultations (BYO data) All
break					
15:25-16:10 minibreak 16:20-17:00	Alignment and Registration Glen	... & FMRI Quality Control Reynolds/Glen	Regression++ & Results Reporting Reynolds/Chen	Command Line Examples Reynolds	Dispersal to the Eight Corners of the Cosmos

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 Intro & Unix (lecture, hands-on):	afni01_intro.pdf, afni00_unix.pdf, afni30_vol_dset_basics.pdf https://afni.nimh.nih.gov/pub/dist/doc/html/doc/educational/unix_tutorial
• Single Subject Analysis (lecture):	afni22_indiana.pdf
• AFNI Driving & Interactive (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• Alignment and Registration (lecture):	afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf
• Templates, Atlases & ROIs (lecture):	afni50_templates_atlases.pdf, afni11_roi.pdf, afni11_cmds_roi.txt
• FMRI Analysis: Start-to-Middle (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf, afni51_slice_timing.pdf
• FMRI Analysis: Middle-to-End (hands-on):	afni16_start_to_finish.pdf
• ... & 3dttest++; afni_proc-QC (hands-on):	afni43_qc_afni.pdf
• FMRI Quality Control Examples (hands-on):	afni43_qc_afni.pdf
• Group Analysis (lecture):	afni32_group_analysis.pdf
• Advanced Group Analysis (lecture):	afni32_group_analysis.pdf
• Regression++ & Results Rept (hands-on):	afni07_advanced.pdf, afni41_results_reporting.pdf
• Group Analysis Hands-on (hands-on):	afni35_GroupAna_HO.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf, suma_keystrokes.txt
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• Command Line Examples (hands-on):	afni19_cmds_basic.txt
• Resting State & InstaCorr (lect/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• Advanced Visualization (lect/hands-on):	advanced_vis_notes.txt