



AFNI Bootcamp, Dec 11-15, 2023

Dartmouth College, NH, USA



	Mon	Tues	Wed	Thur	Fri
09:00-09:45 minibreak 09:55-10:40	AFNI Intro & GUI Interactive Taylor	Alignment and Registration Taylor	Group Analysis in FMRI Chen	Results Reports & Regression++ Taylor/Reynolds	Resting State & InstaCorr Taylor/Reynolds
break					
10:55-11:40 minibreak 11:50-12:30	AFNI Driving & GUI Interactive Taylor	FMRI Analysis: Start-to-Middle Reynolds	Atlases & ROIs Taylor	Group Analysis Hands-On Chen	Adv. SUMA and AFNI vis. Taylor
lunch					
13:30-14:15 minibreak 14:25-15:10	Single Subject Analysis Chen	FMRI Analysis: Middle-to-End... Reynolds	Advanced Group Analysis Chen	SUMA & Surface Analysis Reynolds	<i>Dispersal to the Eight Corners of the Cosmos</i>
break					
15:25-16:10 minibreak 16:20-17:00	Regression Hands-On Reynolds	... Group Level & 3dttest++; QC Reynolds/Taylor	Consultations All	More Surface Analysis: SUMA Reynolds	

<u>Class</u>	<u>Handout(s)</u>
• AFNI Intro & Interactive (lecture, hands-on):	afni01_intro.pdf, afni02_to3d.pdf, afni00_unix.pdf
• AFNI Interactive (hands-on):	afni03_interactive.pdf, AFNI_interactive2.pdf, @Drive_Afni
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• Regression: Hands on (hands-on):	afni05_regression.pdf
• Alignment and Registration (lecture):	afni14_alignment.pdf, afni14_alignment_cmds_3dvolreg.txt
• FMRI Analysis: Start-to-Middle (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf
• FMRI Analysis: Middle-to-End (hands-on):	afni16_start_to_finish.pdf
• ... Group Level & 3dttest++; QC (hands-on):	global_process_commands.txt, global_process_outline.txt
• Group Analysis in FMRI (lecture):	afni32_group_analysis.pdf
• ROIs, Atlases & Driving AFNI (lecture):	afni10_volreg_talairach.pdf, afni11_roi.pdf, afni11_roi_cmds.txt
• Advanced Group Analysis (lecture):	afni32_group_analysis.pdf
• Consultations (and Exercises) (hands-on):	afni19_jazz.pdf, afni19_jazz_hints.pdf, afni19_jazz_answers.pdf
• Report Results & Regression++ (lecture):	afni07_advanced.pdf, afni41_results_reporting.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf, suma_keystrokes.txt
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• Group Analysis Hands-on (hands-on):	afni35_GroupAna_HO.pdf
• Resting State & InstaCorr (lecture/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• Adv. SUMA and AFNI vis. (hands-on):	FATCAT_HO.pdf, advanced_vis_notes.txt