



AFNI Bootcamp: 3-7 Giugno 2019

Scuola IMT Alti Studi Lucca, Italia



	Lun/Mon	Mar/Tues	Mer/Wed	Gio/Thurs	Ven/Fri
08:30-09:20 minibreak 09:30-10:15	AFNI Intro & Interactive Cox	Atlases & ROIs Taylor	Regression++ & Clustering Cox	ROI-based Group Analysis Chen	Consultations All
break					
10:30-11:20 minibreak 11:30-12:15	AFNI Driving & Interactive Taylor	FMRI Analysis: Start-to-Middle Cox	Exp. Design & Group Analysis Chen	SUMA: Surface Analysis Taylor	
lunch					11:45 finito!
13:30-14:20 minibreak 14:30-15:15	Alignment and Registration Taylor	FMRI Analysis: Middle-to-End... Cox	Group Analysis in FMRI Chen	More SUMA Surf Analysis Taylor	Dispersal to the Eight Corners of the Cosmos
break					
15:30-16:20 minibreak 16:30-17:15	Single Subject Analysis Chen	... & 3dttest++; afni_proc-QC Cox, Taylor	Resting State & InstaCorr Cox	Group Analysis Hands-On 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 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
• Alignment and Registration (lecture):	afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• ROIs, Atlases & Driving AFNI (lecture):	afni10_volreg_talairach.pdf, afni11_roi.pdf, afni11_roi_cmds.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
• ... & 3dttest++; afni_proc-QC (hands-on):	
• Regression++ & Clustering (lect/hands-on):	afni07_advanced.pdf, afni_clustering_etac.pdf, Clusters_2017.pdf
• Exp. Design & Group Analysis (lecture):	afni24_GroupAna.pdf
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• Resting State & InstaCorr (lect/hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• ROI-based Group Analysis (lecture):	afni26_ROI-based-modeling.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):	afni25_GroupAna_HO.pdf