



AFNI Bootcamp: Apr 29 – May 3, 2019

UW-Milwaukee, WI, USA



Mon **Tue** **Wed** **Thu** **Fri**

08:30-09:20
minibreak
09:30-10:15

AFNI Intro & Interactive
Cox

Alignment and Registration
Taylor

Regression++ & Clustering
Cox

Resting State & InstaCorr
Cox

FATCAT: DTI proc & analysis
Taylor

break

10:30-11:20
minibreak
11:30-12:15

AFNI Driving & Interactive
Taylor

FMRI Analysis: Start-to-Middle
Reynolds

Templates, Atlases & ROIs
Taylor

SUMA: Surface Analysis
Taylor

Qs & Consults, II: The Revenge
All

lunch

13:45-14:35
minibreak
14:45-15:30

Single Subject Analysis
Cox

FMRI Analysis: Middle-to-End...
Reynolds

Group Analysis in FMRI
Cox

More SUMA Surf Analysis
Reynolds

****Special Talk****
“fMRI in Perspective”
Bandettini
2-3pm
Loc: TBA

break

15:45-16:35
minibreak
16:45-17:30

Regression Hands-On
Reynolds

... & 3dttest++; afni_proc-QC
Reynolds, Taylor

Qs & Consults: BYO Data
All

ROI-based Group Analysis & Group Analysis Hands-On
Cox, Reynolds

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):	afni00_unix.pdf, afni01_intro.pdf, afni02_*.pdf, QuickTasks.pptx.pdf
• AFNI Driving & 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
• ... & 3dttest++; afni_proc-QC (hands-on):	afni16_start_to_finish.pdf, afni_proc.pdf
• Regression++ & Clustering (lect/hands-on):	afni07_advanced.pdf, afni_clustering_etac.pdf, Clusters_2017.pdf
• Templates, Atlases & ROIs (lecture):	afni15_templates_atlases.pdf, afni11_roi.pdf, afni11_roi_cmds.txt
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• Resting State & InstaCorr (lect, hands-on):	afni23_restingstate.pdf, afni20_instastuff.pdf
• Surface Analysis: SUMA (hands-on):	suma.pdf, suma_keystrokes.txt
• More Surface Analysis: SUMA (hands-on):	suma.pdf
• ROI-based Group Analysis & Group Analysis Hands-On (lect):	afni26_ROI-based-modeling.pdf, afni25_GroupAna_HO.pdf
• FATCAT: DTI proc & analysis (lect, hands-on):	FATCAT_*.pdf