



AFNI Bootcamp – July 9-13, 2018

University of Washington, Seattle, USA



Mon

Tues

Wedn

Thur

Fri

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

**AFNI
Introduction**
Cox

**Regression:
Hands-On**
Chen

**Advanced FMRI
& Clustering**
Cox

**Group Analysis
Hands-on, 1**
Chen

**Resting State &
InstaCorr**
Cox

break

10:50-11:30
break
11:40-12:25

**AFNI
Interactive**
Taylor

**FMRI Analysis:
Start-to-Middle**
Cox

**ROIs, Atlases &
Driving AFNI**
Taylor

**SUMA & Surface
Analysis**
Taylor

**DTI & FATCAT
& more SUMA**
Taylor

lunch

13:35-14:25
break
14:35-15:20

**Alignment and
Registration**
Taylor

**FMRI Analysis:
Middle-to-End**
Cox

**Group Analysis
in FMRI**
Chen

**More Surface
Analysis: SUMA**
Taylor

**Connectivity &
Visualization**
Taylor

break

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

**Single Subject
Analysis**
Chen

**Exercises and
Consultations**
All

**Adv. Clustering
Statistics**
Cox

**Group Analysis
Hands-on, 2**
Chen

**[optional]
Consultations**
All

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):	afni10_volreg_talairach.pdf, afni10_volreg_talairach_extras.pdf
• Single Subject Analysis (lecture):	afni22_indiana.pdf, afni04_fmri.pdf
• Regression: Hands on (hands-on):	afni05_regression.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
• ROIs, Atlases & Driving AFNI (lecture):	afni10_volreg_talairach.pdf, afni11_roi.pdf
• Group Analysis in FMRI (lecture):	afni24_GroupAna.pdf
• Advanced Clustering Statistics (hands-on):	
• Group Analysis Hands-on 1 (hands-on):	afni25_GroupAna_HO.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