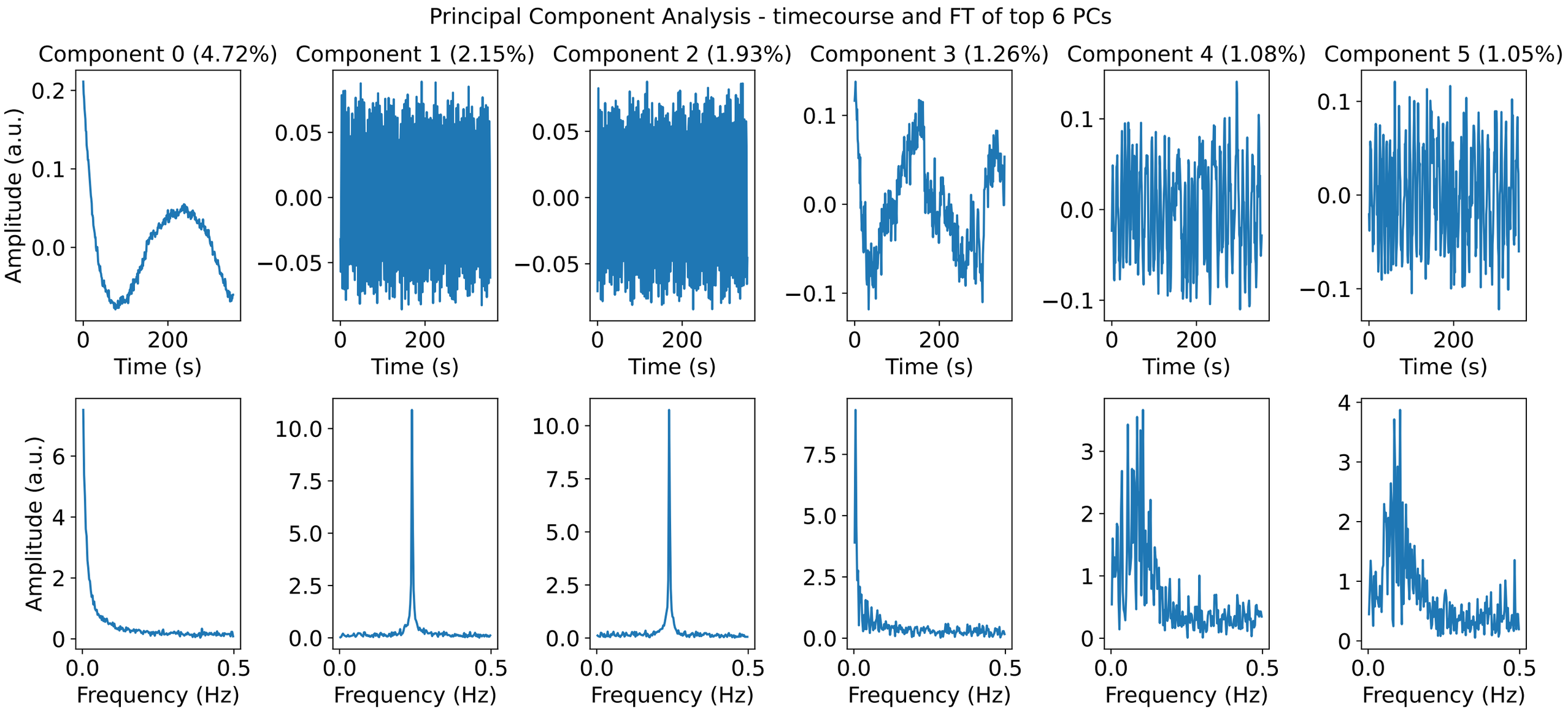
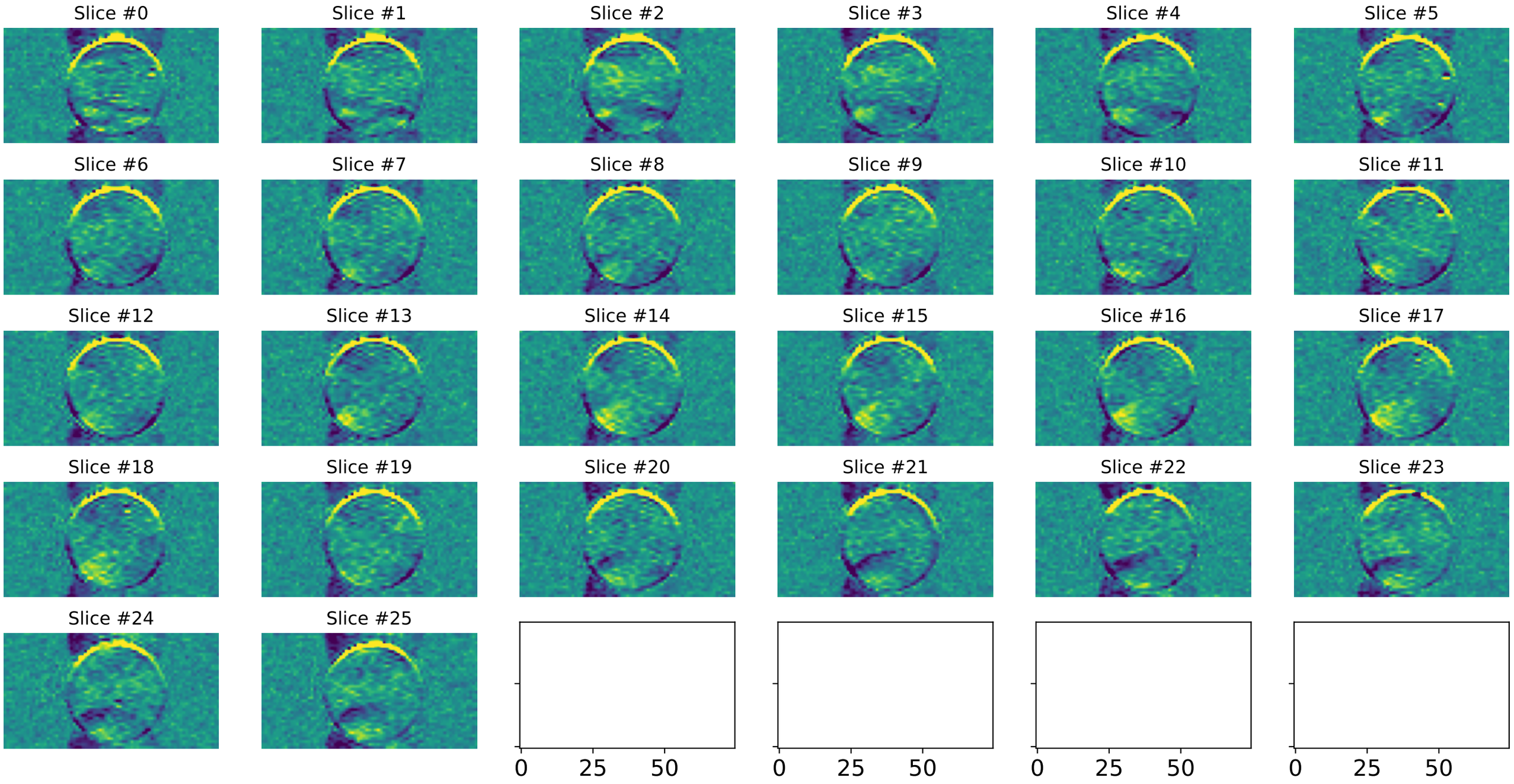

Principal Component Analysis - timecourse and FT of top 6 PCs
Component 0 (4.72%)
Component 1 (2.15%)
Component 2 (1.93%)
Component 3 (1.26%)
Component 4 (1.08%)
Component 5 (1.05%)
Amplitude (a.u.)
Time (s)
Frequency (Hz)

Spatial Pattern of PC 0



Spatial Pattern of PC 1

Slice #0 Slice #1 Slice #2 Slice #3 Slice #4 Slice #5

Slice #6 Slice #7 Slice #8 Slice #9 Slice #10 Slice #11

Slice #12 Slice #13 Slice #14 Slice #15 Slice #16 Slice #17

Slice #18 Slice #19 Slice #20 Slice #21 Slice #22 Slice #23

Slice #24 Slice #25

0 25 50 0 25 50 0 25 50 0 25 50

−4 −2 0 2 4

PC loading strength

Spatial Pattern of PC 2

Slice #0 Slice #1 Slice #2 Slice #3 Slice #4 Slice #5

Slice #6 Slice #7 Slice #8 Slice #9 Slice #10 Slice #11

Slice #12 Slice #13 Slice #14 Slice #15 Slice #16 Slice #17

Slice #18 Slice #19 Slice #20 Slice #21 Slice #22 Slice #23

Slice #24 Slice #25

0 25 50 0 25 50 0 25 50 0 25 50

−4 −2 0 2 4

PC loading strength

Spatial Pattern of PC 3

Slice #0 Slice #1 Slice #2 Slice #3 Slice #4 Slice #5

Slice #6 Slice #7 Slice #8 Slice #9 Slice #10 Slice #11

Slice #12 Slice #13 Slice #14 Slice #15 Slice #16 Slice #17

Slice #18 Slice #19 Slice #20 Slice #21 Slice #22 Slice #23

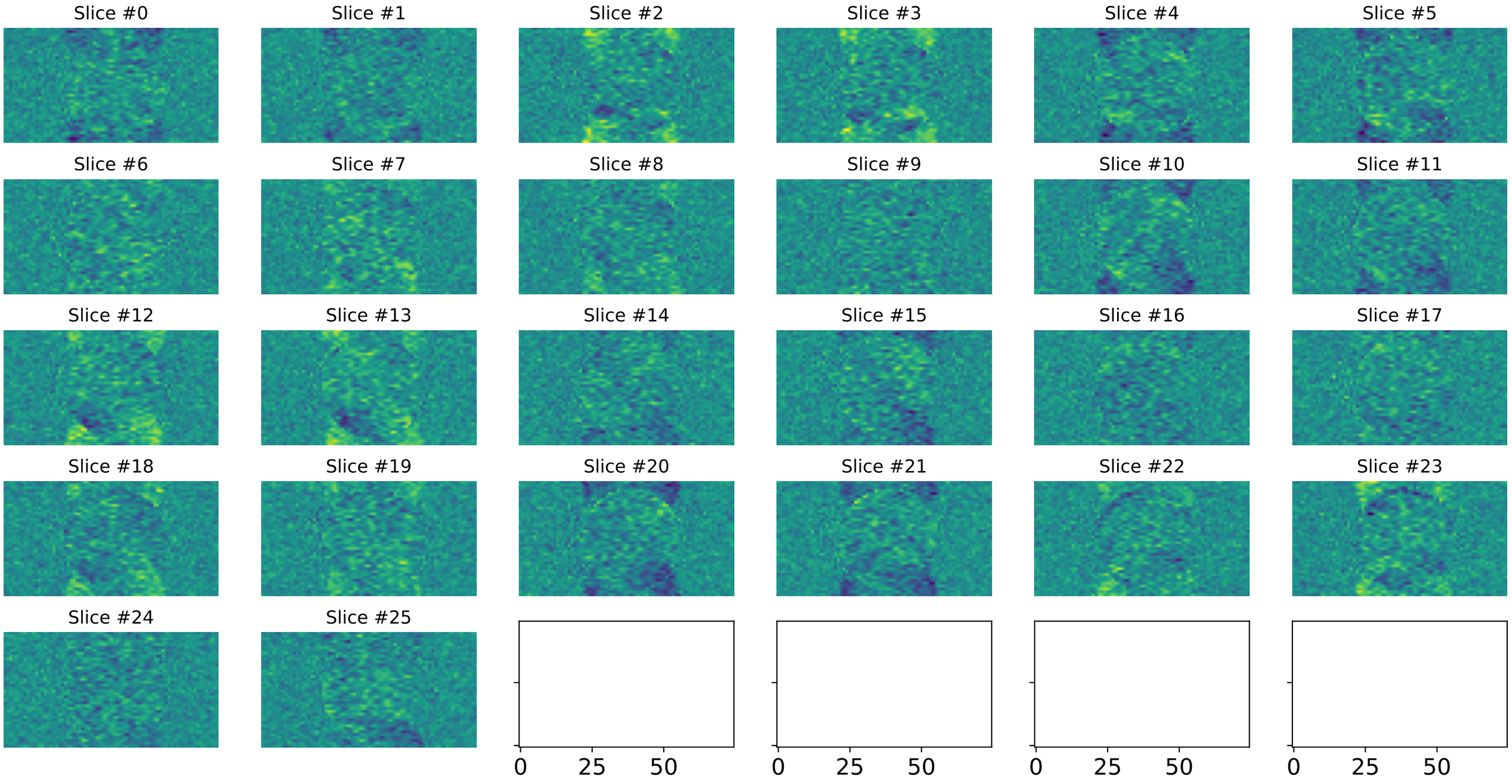
Slice #24 Slice #25

0 25 50 0 25 50 0 25 50 0 25 50

−4 −2 0 2 4

PC loading strength

Spatial Pattern of PC 4



Spatial Pattern of PC 5

Slice #0 Slice #1 Slice #2 Slice #3 Slice #4 Slice #5

Slice #6 Slice #7 Slice #8 Slice #9 Slice #10 Slice #11

Slice #12 Slice #13 Slice #14 Slice #15 Slice #16 Slice #17

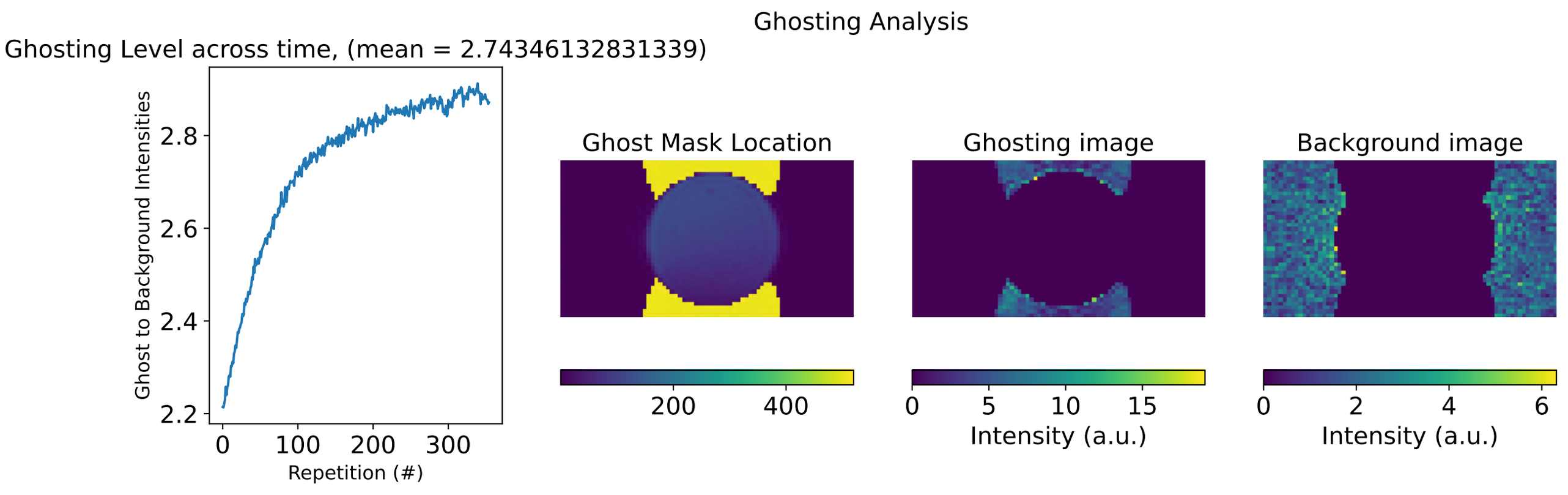
Slice #18 Slice #19 Slice #20 Slice #21 Slice #22 Slice #23

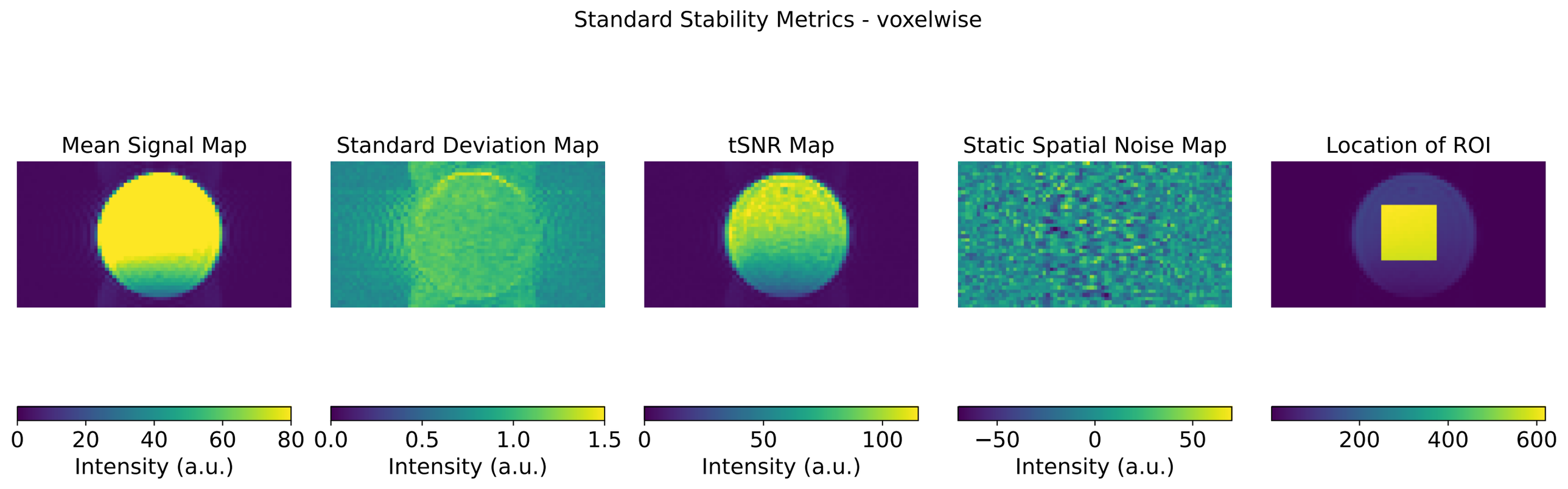
Slice #24 Slice #25

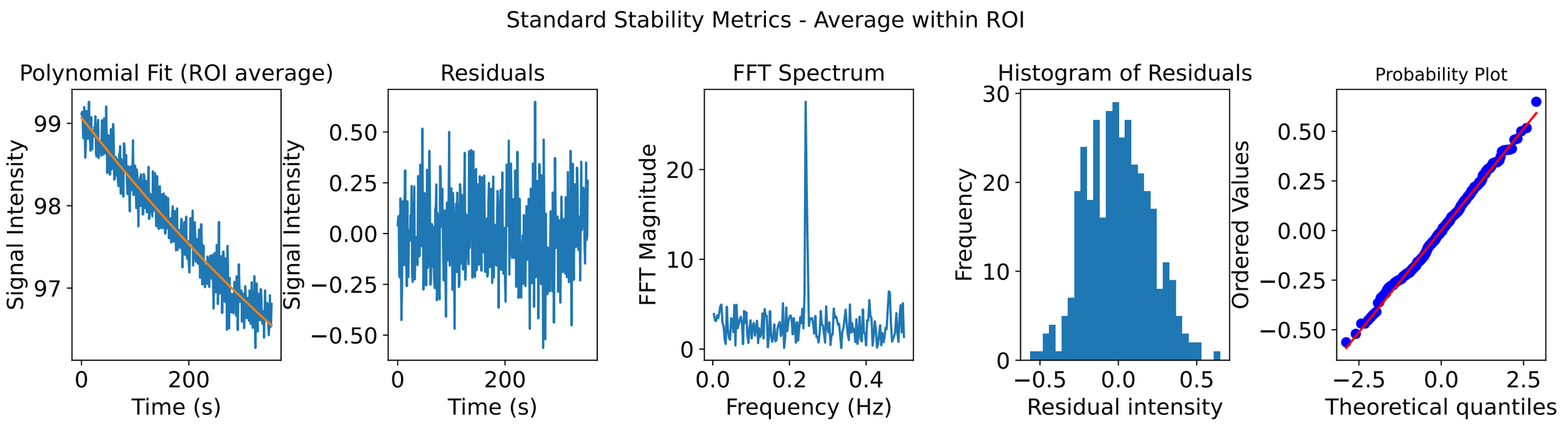
0 25 50 0 25 50 0 25 50 0 25 50

−4 −2 0 2 4

PC loading strength


Ghosting Analysis
Ghosting Level across time, (mean = 2.74346132831339)
Ghost to Background Intensities
2.2
2.4
2.6
2.8
0
100
200
300
Repetition (#)
Ghost Mask Location
200
400
Ghosting image
0
5
10
15
Intensity (a.u.)
Background image
0
2
4
6
Intensity (a.u.)


Standard Stability Metrics - voxelwise
Mean Signal Map
Standard Deviation Map
tSNR Map
Static Spatial Noise Map
Location of ROI
0
20
40
60
80
Intensity (a.u.)
0.0
0.5
1.0
1.5
Intensity (a.u.)
0
50
100
Intensity (a.u.)
−50
0
50
Intensity (a.u.)
200
400
600



The mean signal (inside roi) is: 97.73199

The temporal std (inside roi) is: 1.070153361021187

The tSNR summary value (inside roi) is: 91.38644165000606

The SNR summary value (inside roi) is: 91.83890282756772

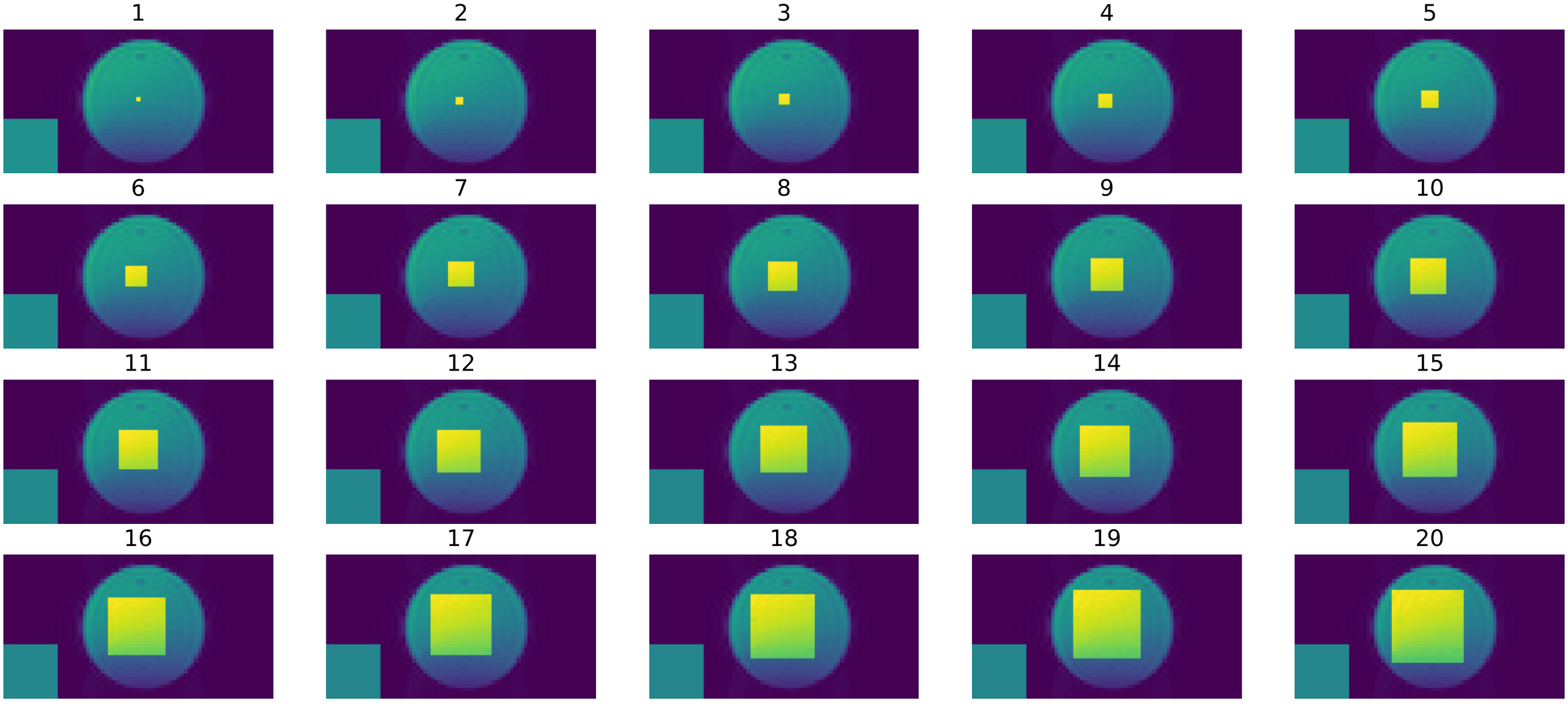
The drift (inside roi) is: 3.0587449873836126

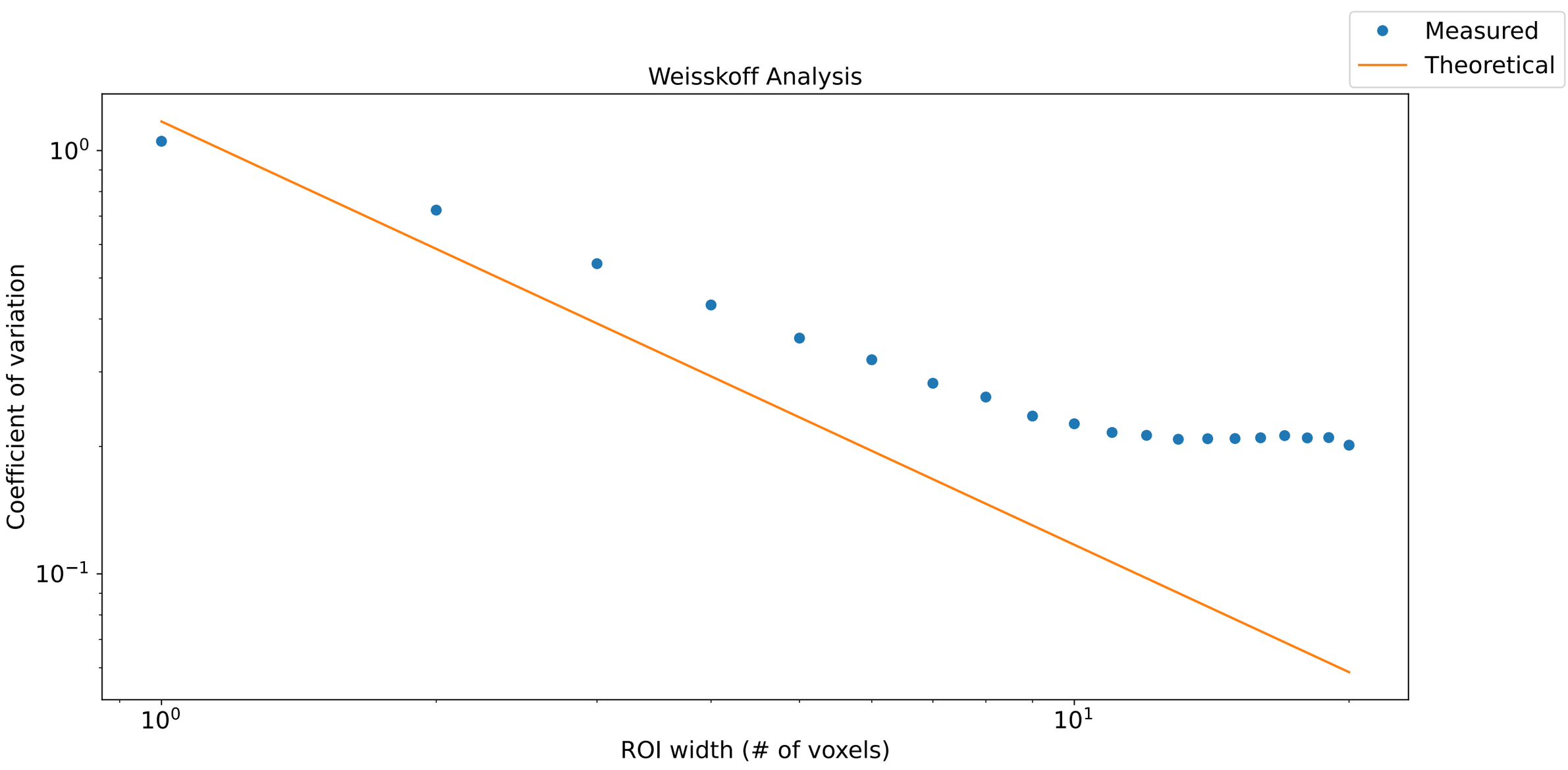
The drift of the fit (inside roi) is: 2.5798818865916617

The percent fluctuation (inside roi) is: 0.20874867239363962

The strongest frequency in the FFT spectrum is: 0.242253521126760 57 Hz

QQ Correlation of residuals: 0.9980527207264759

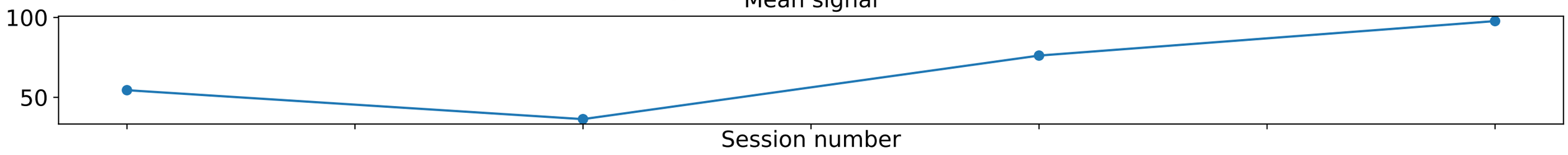

ROI Locations for Weisskoff analysis
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20



Radius of decorrelation: 5.82 pixels

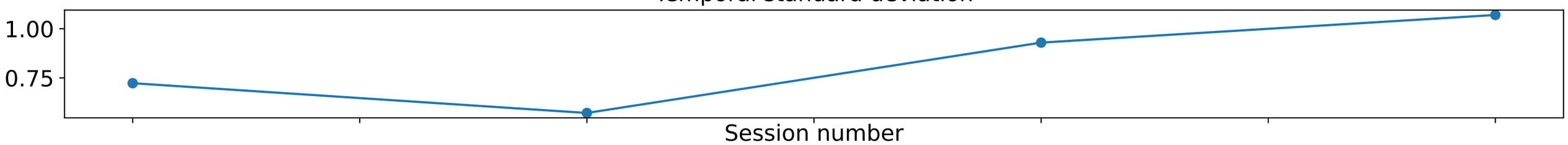
Stability metrics across sessions

Mean signal



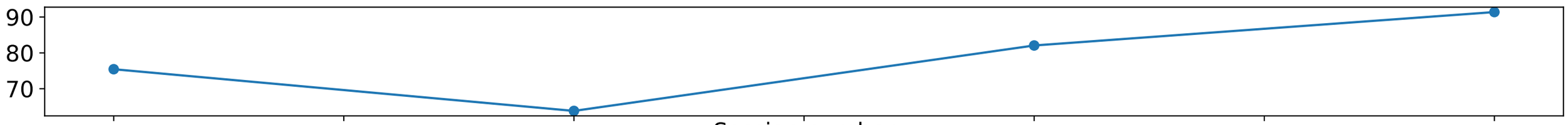
Session number

Temporal standard deviation



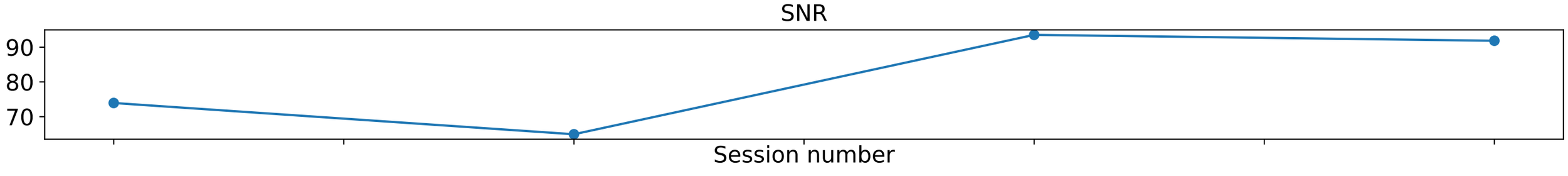
Session number

tSNR



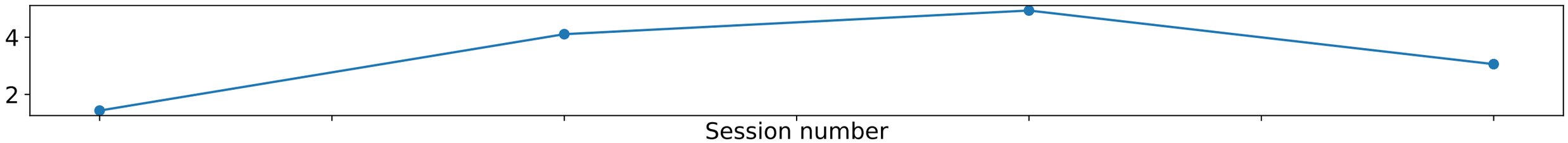
Session number

SNR



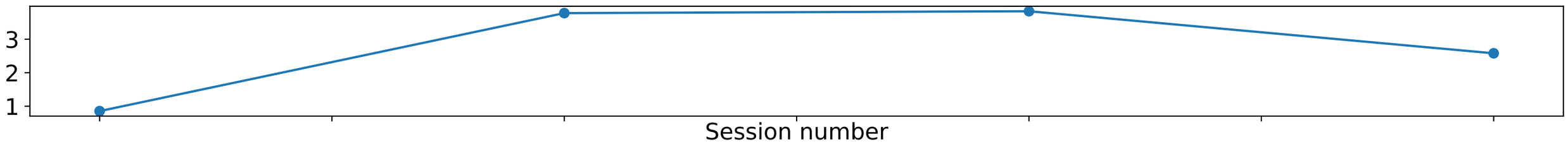
Session number

Drift



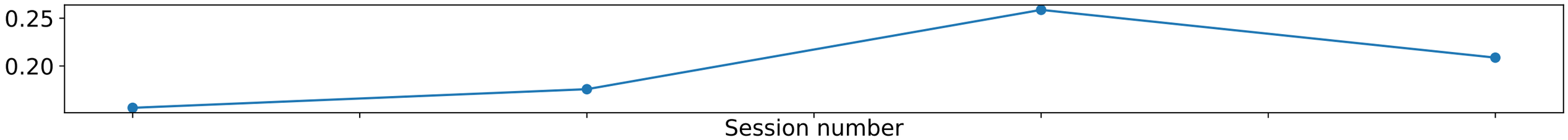
Session number

Drift of fit



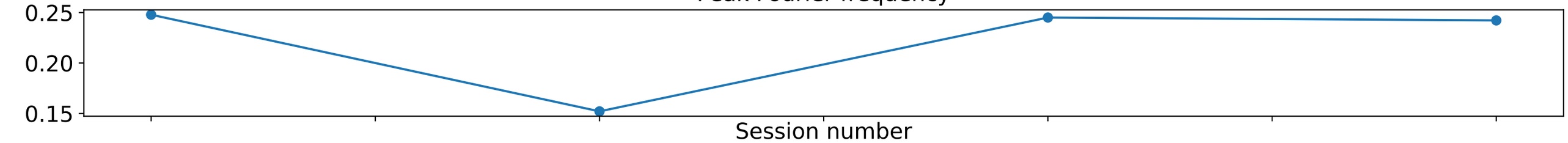
Session number

Percent fluctuation



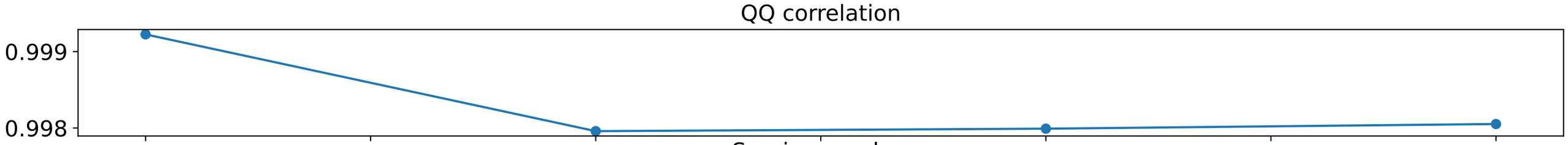
Session number

Peak Fourier frequency



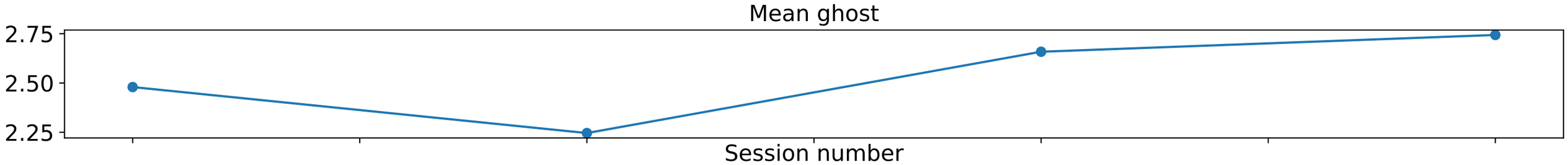
Session number

QQ correlation



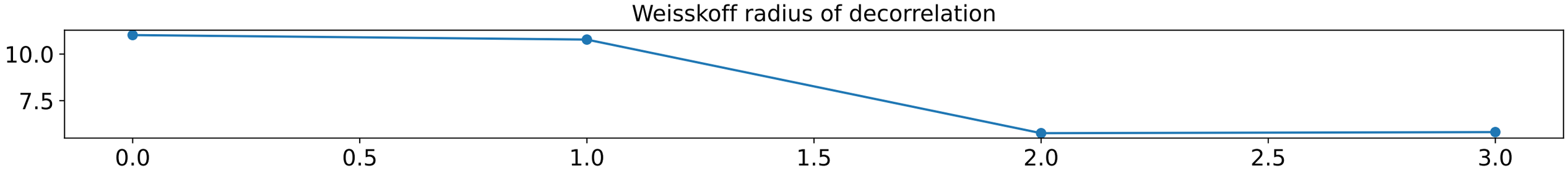
Session number

Mean ghost



Session number

Weisskoff radius of decorrelation



Session number