■ Information:

Date : 20231020

: Nova 8Tx/32Rx Head Coil

■ Basic analysis parameters:

: 150 x 150 Matrix Size

Slices : 69

Resolution : $1.47 \times 1.47 \times 1.73 \text{ mm}$ 3

: 1159 ms

: 34 Ref Slice Num ROI width : 21 Total vols : 200 : 198 Analysis vols

■ QA metrics

Mean Signal Intensity : 2106.629 Peak Frequency : 0.0697 Hz STD of Detrended Signal : 1.656 : 127.988 SNR TFN : 16.589 SFNR : 127.406 tSNR : 124.277 Percent Fluctuation : 0.079 % Drift : 0.657 % Drift Fit : 0.433 % RDC : 9.112 pixel : 18.370 Spectrum MAD : 3.386 % Ghost Rate Background Noise Rate : 1.299 %

Background Rate = (mean background)/(mean signal)

■ Notice

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DIFF = Difference between Odd-volumes and Even-volumes
SNR = Signal-to-Noise Ratio
    = (mean signal)/(standard deviation of DIFF)
TFN = standard deviation of detrended signal
SFNR = Signal-to-Fluctuation-Noise Ratio
     = (mean signal)/(standard deviation of detrended signal)
tSNR = temporal Signal-to-Noise Ratio
     = (mean signal)/(standard deviation of signal)
Percent Fluctuation = (STD of residuals of 2nd-fit-time-series)/(mean signal)
Drift = (max - min)/(mean signal)
Drift Fit = (maxfit - minfit)/(mean signal)
CV = Coefficient of VarianceRDC = Radius of DeCorrelation, CV(1)/CV(max)
MAD = Median Absolute Deviation = (max)/(median of Absolute Deviation)
Ghost Rate = (mean ghost)/(mean signal)
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