

```
NSs-MBP:3t_2018-06-19_17-26 NS$ ls
001_Localizer          011_nki_dti_30b_6b0_PA
002_true_sag_fl       012_nki_dti_30b_6b0_PA_ADC
003_Sag-MPRAGE-Mg-0_95ul 013_nki_dti_30b_6b0_PA_TRACEW
004_faces_bold_PA_shim 014_nki_dti_30b_6b0_PA_FA
005_faces_bold_PA     015_nki_dti_30b_6b0_PA_ColFA
006_gre_field_mapping 016_nki_dti_30b_6b0_PA_TENSOR
007_gre_field_mapping 017_nki_dti_b0_PA
008_food_PA          018_nki_dti_b0_AP
009_mid_biopac_bold   mrinfo_output.txt
010_resting
NSs-MBP:3t_2018-06-19_17-26 NS$ dwdenoise
011_nki_dti_30b_6b0_PA/ denoised
dwdenoise: [done] scanning DICOM folder
"011_nki_dti_30b_6b0_PA/"
dwdenoise: [100%] reading DICOM series
"nki_dti_30b_6b0_PA"
dwdenoise: [WARNING] Number of entries in mosaic slice
timing (66) does not match number of images in mosaic (64);
omitting
dwdenoise: [100%] reformatting DICOM mosaic images
dwdenoise: [100%] preloading data for "AHB1038 (AHB1038)
[MR] nki_dti_30b_6b0_PA"
dwdenoise: [ERROR] unknown format for image "denoised" (no
file extension specified)
dwdenoise: [ERROR] error creating image "denoised"
NSs-MBP:3t_2018-06-19_17-26 NS$ dwdenoise
011_nki_dti_30b_6b0_PA/ denoised.mif -info -debug
dwdenoise: [DEBUG] No config file found at "/etc/
mrtrix.conf"
dwdenoise: [DEBUG] No config file found at "/Users/
NS/.mrtrix.conf"
dwdenoise: [INFO] opening image
"011_nki_dti_30b_6b0_PA/"...
dwdenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/.DS_Store"...
dwdenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/.DS_Store"
mapped at 0x10bf6e000, size 6148 (read-only)
dwdenoise: [DEBUG] DICOM magic number not found in file
"011_nki_dti_30b_6b0_PA/.DS_Store" - trying truncated
format
dwdenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/.DS_Store"
does not have the DICOM magic number or the .dcm extension
- assuming not DICOM
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dwidenoise: [DEBUG] unmapping file
"011_nki_dti_30b_6b0_PA/.DS_Store"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/.DS_Store" - ignored
dwidenoise: [. ] scanning DICOM folder
"011_nki_dti_30b_6b0_PA/"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0001.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0001.dcm"
mapped at 0x10c3ad000, size 1564466 (read-only)
dwidenoise: [INFO] initialising DICOM dictionary
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0001.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0002.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0002.dcm"
mapped at 0x10c3ad000, size 1564862 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0002.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0003.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0003.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0003.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0004.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0004.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0004.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0005.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0005.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0005.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0006.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0006.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0006.dcm"
dwidenoise: [DEBUG] memory-mapping file
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"011_nki_dti_30b_6b0_PA/0007.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0007.dcm"  
mapped at 0x10c3ad000, size 1564464 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0007.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0008.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0008.dcm"  
mapped at 0x10c3ad000, size 1564876 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0008.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0009.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0009.dcm"  
mapped at 0x10c3ad000, size 1564878 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0009.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0010.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0010.dcm"  
mapped at 0x10c3ad000, size 1564874 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0010.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0011.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0011.dcm"  
mapped at 0x10c3ad000, size 1564882 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0011.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0012.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0012.dcm"  
mapped at 0x10c3ad000, size 1564870 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0012.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0013.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0013.dcm"  
mapped at 0x10c3ad000, size 1564462 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0013.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0014.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0014.dcm"
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mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0014.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0015.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0015.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0015.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0016.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0016.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0016.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0017.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0017.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0017.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0018.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0018.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0018.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0019.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0019.dcm"
mapped at 0x10c3ad000, size 1564470 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0019.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0020.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0020.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0020.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0021.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0021.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
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0021.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0022.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0022.dcm"
mapped at 0x10c3ad000, size 1564888 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0022.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0023.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0023.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0023.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0024.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0024.dcm"
mapped at 0x10c3ad000, size 1564888 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0024.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0025.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0025.dcm"
mapped at 0x10c3ad000, size 1564470 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0025.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0026.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0026.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0026.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0027.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0027.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0027.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0028.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0028.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0028.dcm"
dwidenoise: [DEBUG] memory-mapping file
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"011_nki_dti_30b_6b0_PA/0029.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0029.dcm"  
mapped at 0x10c3ad000, size 1564884 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0029.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0030.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0030.dcm"  
mapped at 0x10c3ad000, size 1564886 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0030.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0031.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0031.dcm"  
mapped at 0x10c3ad000, size 1564472 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0031.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0032.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0032.dcm"  
mapped at 0x10c3ad000, size 1564886 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0032.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0033.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0033.dcm"  
mapped at 0x10c3ad000, size 1564890 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0033.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0034.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0034.dcm"  
mapped at 0x10c3ad000, size 1564880 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0034.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0035.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0035.dcm"  
mapped at 0x10c3ad000, size 1564888 (read-only)  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0035.dcm"  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0036.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0036.dcm"
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mapped at 0x10c3ad000, size 1564868 (read-only)
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0036.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bval"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bval" mapped at
0x10bf6e000, size 133 (read-only)
dwidenoise: [DEBUG] "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bval" is too small to
be a valid DICOM file
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bval"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bval" - ignored
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec" mapped at
0x10bf6e000, size 896 (read-only)
dwidenoise: [DEBUG] DICOM magic number not found in file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec" - trying
truncated format
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec" does not have
the DICOM magic number or the .dcm extension - assuming not
DICOM
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.bvec" - ignored
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.json"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.json" mapped at
0x10bf6e000, size 1663 (read-only)
dwidenoise: [DEBUG] DICOM magic number not found in file
"011_nki_dti_30b_6b0_PA/
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20180619172624_nki_dti_30b_6b0_PA_11.json" - trying
truncated format
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.json" does not have
the DICOM magic number or the .dcm extension - assuming not
DICOM
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.json"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.json" - ignored
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii" mapped at
0x10c3ad000, size 51775840 (read-only)
dwidenoise: [DEBUG] DICOM magic number not found in file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii" - trying
truncated format
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii" does not have the
DICOM magic number or the .dcm extension - assuming not
DICOM
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii" - ignored
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz" mapped at
0x10c3ad000, size 24602569 (read-only)
dwidenoise: [DEBUG] DICOM magic number not found in file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz" - trying
truncated format
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz" does not have
the DICOM magic number or the .dcm extension - assuming not
DICOM
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dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz"
dwidenoise: [INFO] error reading file
"011_nki_dti_30b_6b0_PA/
20180619172624_nki_dti_30b_6b0_PA_11.nii.gz" - ignored
dwidenoise: [done] scanning DICOM folder
"011_nki_dti_30b_6b0_PA/"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0001.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0001.dcm"
mapped at 0x10c3ad000, size 1564466 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0001.dcm"
dwidenoise: [ 3%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0002.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0002.dcm"
mapped at 0x10c3ad000, size 1564862 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0002.dcm"
dwidenoise: [ 6%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0003.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0003.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0003.dcm"
dwidenoise: [ 8%] reading DICOM series
```

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"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0004.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0004.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0004.dcm"
dwidenoise: [ 11%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0005.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0005.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0005.dcm"
dwidenoise: [ 14%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0006.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0006.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0006.dcm"
dwidenoise: [ 17%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0007.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0007.dcm"
mapped at 0x10c3ad000, size 1564464 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
```

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expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0007.dcm"
dwidenoise: [ 19%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0008.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0008.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0008.dcm"
dwidenoise: [ 22%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0009.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0009.dcm"
mapped at 0x10c3ad000, size 1564878 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0009.dcm"
dwidenoise: [ 25%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0010.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0010.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0010.dcm"
dwidenoise: [ 28%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
```

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"011_nki_dti_30b_6b0_PA/0011.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0011.dcm"
mapped at 0x10c3ad000, size 1564882 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0011.dcm"
dwidenoise: [ 31%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0012.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0012.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0012.dcm"
dwidenoise: [ 33%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0013.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0013.dcm"
mapped at 0x10c3ad000, size 1564462 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0013.dcm"
dwidenoise: [ 36%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0014.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0014.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
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expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0014.dcm"
dwidenoise: [ 39%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0015.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0015.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0015.dcm"
dwidenoise: [ 42%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0016.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0016.dcm"
mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0016.dcm"
dwidenoise: [ 44%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0017.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0017.dcm"
mapped at 0x10c3ad000, size 1564870 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0017.dcm"
dwidenoise: [ 47%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0018.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0018.dcm"
```

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mapped at 0x10c3ad000, size 1564874 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0018.dcm"
dwidenoise: [ 50%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0019.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0019.dcm"
mapped at 0x10c3ad000, size 1564470 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0019.dcm"
dwidenoise: [ 53%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0020.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0020.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0020.dcm"
dwidenoise: [ 56%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0021.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0021.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
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0021.dcm"
dwidenoise: [ 58%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0022.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0022.dcm"
mapped at 0x10c3ad000, size 1564888 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0022.dcm"
dwidenoise: [ 61%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0023.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0023.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0023.dcm"
dwidenoise: [ 64%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0024.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0024.dcm"
mapped at 0x10c3ad000, size 1564888 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0024.dcm"
dwidenoise: [ 67%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0025.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0025.dcm"
mapped at 0x10c3ad000, size 1564470 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
```

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expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0025.dcm"
dwidenoise: [ 69%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0026.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0026.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0026.dcm"
dwidenoise: [ 72%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0027.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0027.dcm"
mapped at 0x10c3ad000, size 1564884 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0027.dcm"
dwidenoise: [ 75%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0028.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0028.dcm"
mapped at 0x10c3ad000, size 1564876 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0028.dcm"
dwidenoise: [ 78%] reading DICOM series
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"nki_dti_30b_6b0_PA"...  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0029.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0029.dcm"  
mapped at 0x10c3ad000, size 1564884 (read-only)  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0029.dcm"  
dwidenoise: [ 81%] reading DICOM series  
"nki_dti_30b_6b0_PA"...  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0030.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0030.dcm"  
mapped at 0x10c3ad000, size 1564886 (read-only)  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0030.dcm"  
dwidenoise: [ 83%] reading DICOM series  
"nki_dti_30b_6b0_PA"...  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0031.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0031.dcm"  
mapped at 0x10c3ad000, size 1564472 (read-only)  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] CSA entry contains fewer items than  
expected - trailing entries will be set to NaN  
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/  
0031.dcm"  
dwidenoise: [ 86%] reading DICOM series  
"nki_dti_30b_6b0_PA"...  
dwidenoise: [DEBUG] memory-mapping file  
"011_nki_dti_30b_6b0_PA/0032.dcm"...  
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0032.dcm"  
mapped at 0x10c3ad000, size 1564886 (read-only)  
dwidenoise: [DEBUG] CSA entry contains fewer items than
```

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expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0032.dcm"
dwidenoise: [ 89%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0033.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0033.dcm"
mapped at 0x10c3ad000, size 1564890 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0033.dcm"
dwidenoise: [ 92%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0034.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0034.dcm"
mapped at 0x10c3ad000, size 1564880 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0034.dcm"
dwidenoise: [ 94%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0035.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0035.dcm"
mapped at 0x10c3ad000, size 1564888 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0035.dcm"
dwidenoise: [ 97%] reading DICOM series
"nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
```

```
"011_nki_dti_30b_6b0_PA/0036.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0036.dcm"
mapped at 0x10c3ad000, size 1564868 (read-only)
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] CSA entry contains fewer items than
expected - trailing entries will be set to NaN
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0036.dcm"
dwidenoise: [100%] reading DICOM series
"nki_dti_30b_6b0_PA"
dwidenoise: [WARNING] Number of entries in mosaic slice
timing (66) does not match number of images in mosaic (64);
omitting
dwidenoise: [DEBUG] No slice timing information obtained
dwidenoise: [INFO] DICOM image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" is in mosaic format
dwidenoise: [DEBUG] sanitising image information...
dwidenoise: [INFO] Axes and transform of image "AHB1038
(AHB1038) [MR] nki_dti_30b_6b0_PA" altered to approximate
RAS coordinate system
dwidenoise: [DEBUG] searching for suitable phase encoding
data...
dwidenoise: [INFO] found 36x4 phase encoding table
dwidenoise: [INFO] Phase encoding scheme has been modified
according to internal header transform realignment
dwidenoise: [INFO] image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" opened with dimensions 106x106x64x36,
voxel spacing 2x2x2.0000000693433999xnan, datatype UInt16LE
dwidenoise: [DEBUG] loading mosaic image "AHB1038 (AHB1038)
[MR] nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0001.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0001.dcm"
mapped at 0x10f50e000, size 1438208 (read-only)
dwidenoise: [ 2%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0001.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0002.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0002.dcm"
mapped at 0x10f68c000, size 1438208 (read-only)
dwidenoise: [ 5%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
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0002.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0003.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0003.dcm"
mapped at 0x10f80b000, size 1438208 (read-only)
dwidenoise: [ 8%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0003.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0004.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0004.dcm"
mapped at 0x10f98a000, size 1438208 (read-only)
dwidenoise: [ 11%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0004.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0005.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0005.dcm"
mapped at 0x10fb09000, size 1438208 (read-only)
dwidenoise: [ 13%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0005.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0006.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0006.dcm"
mapped at 0x10fc88000, size 1438208 (read-only)
dwidenoise: [ 16%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0006.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0007.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0007.dcm"
mapped at 0x10fe07000, size 1438208 (read-only)
dwidenoise: [ 19%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0007.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0008.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0008.dcm"
mapped at 0x10ff85000, size 1438208 (read-only)
dwidenoise: [ 22%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0008.dcm"
dwidenoise: [DEBUG] memory-mapping file
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"011_nki_dti_30b_6b0_PA/0009.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0009.dcm"
mapped at 0x110104000, size 1438208 (read-only)
dwidenoise: [ 25%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0009.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0010.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0010.dcm"
mapped at 0x110283000, size 1438208 (read-only)
dwidenoise: [ 27%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0010.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0011.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0011.dcm"
mapped at 0x110402000, size 1438208 (read-only)
dwidenoise: [ 30%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0011.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0012.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0012.dcm"
mapped at 0x110581000, size 1438208 (read-only)
dwidenoise: [ 33%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0012.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0013.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0013.dcm"
mapped at 0x110700000, size 1438208 (read-only)
dwidenoise: [ 36%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0013.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0014.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0014.dcm"
mapped at 0x11087e000, size 1438208 (read-only)
dwidenoise: [ 38%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0014.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0015.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0015.dcm"
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mapped at 0x1109fd000, size 1438208 (read-only)
dwidenoise: [ 41%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0015.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0016.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0016.dcm"
mapped at 0x110b7c000, size 1438208 (read-only)
dwidenoise: [ 44%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0016.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0017.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0017.dcm"
mapped at 0x110cfb000, size 1438208 (read-only)
dwidenoise: [ 47%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0017.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0018.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0018.dcm"
mapped at 0x110e7a000, size 1438208 (read-only)
dwidenoise: [ 50%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0018.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0019.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0019.dcm"
mapped at 0x110ff9000, size 1438208 (read-only)
dwidenoise: [ 52%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0019.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0020.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0020.dcm"
mapped at 0x111177000, size 1438208 (read-only)
dwidenoise: [ 55%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0020.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0021.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0021.dcm"
mapped at 0x1112f6000, size 1438208 (read-only)
dwidenoise: [ 58%] reformatting DICOM mosaic images...
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dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0021.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0022.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0022.dcm" mapped at 0x111475000, size 1438208 (read-only)
dwidenoise: [ 61%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0022.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0023.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0023.dcm" mapped at 0x1115f4000, size 1438208 (read-only)
dwidenoise: [ 63%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0023.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0024.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0024.dcm" mapped at 0x111773000, size 1438208 (read-only)
dwidenoise: [ 66%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0024.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0025.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0025.dcm" mapped at 0x1118f2000, size 1438208 (read-only)
dwidenoise: [ 69%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0025.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0026.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0026.dcm" mapped at 0x111a70000, size 1438208 (read-only)
dwidenoise: [ 72%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0026.dcm"
dwidenoise: [DEBUG] memory-mapping file "011_nki_dti_30b_6b0_PA/0027.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0027.dcm" mapped at 0x111bef000, size 1438208 (read-only)
dwidenoise: [ 74%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/0027.dcm"
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dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0028.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0028.dcm"
mapped at 0x111d6e000, size 1438208 (read-only)
dwidenoise: [ 77%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0028.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0029.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0029.dcm"
mapped at 0x111eed000, size 1438208 (read-only)
dwidenoise: [ 80%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0029.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0030.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0030.dcm"
mapped at 0x11206c000, size 1438208 (read-only)
dwidenoise: [ 83%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0030.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0031.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0031.dcm"
mapped at 0x1121eb000, size 1438208 (read-only)
dwidenoise: [ 86%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0031.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0032.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0032.dcm"
mapped at 0x112369000, size 1438208 (read-only)
dwidenoise: [ 88%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0032.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0033.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0033.dcm"
mapped at 0x1124e8000, size 1438208 (read-only)
dwidenoise: [ 91%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0033.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0034.dcm"...
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dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0034.dcm"
mapped at 0x112667000, size 1438208 (read-only)
dwidenoise: [ 94%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0034.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0035.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0035.dcm"
mapped at 0x1127e6000, size 1438208 (read-only)
dwidenoise: [ 97%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0035.dcm"
dwidenoise: [DEBUG] memory-mapping file
"011_nki_dti_30b_6b0_PA/0036.dcm"...
dwidenoise: [DEBUG] file "011_nki_dti_30b_6b0_PA/0036.dcm"
mapped at 0x112965000, size 1438208 (read-only)
dwidenoise: [100%] reformatting DICOM mosaic images...
dwidenoise: [DEBUG] unmapping file "011_nki_dti_30b_6b0_PA/
0036.dcm"
dwidenoise: [100%] reformatting DICOM mosaic images
dwidenoise: [DEBUG] image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" loaded
dwidenoise: [DEBUG] image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" initialised with strides = [ -1 -106
11236 719104 ], start = 11235, using indirect IO
dwidenoise: [DEBUG] initialising threads...
dwidenoise: [DEBUG] launching 2 threads "loop threads"...
dwidenoise: [ 0%] preloading data for "AHB1038 (AHB1038)
[MR] nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] waiting for completion of threads "loop
threads"...
dwidenoise: [100%] preloading data for "AHB1038 (AHB1038)
[MR] nki_dti_30b_6b0_PA"...
dwidenoise: [DEBUG] threads "loop threads" completed OK
dwidenoise: [100%] preloading data for "AHB1038 (AHB1038)
[MR] nki_dti_30b_6b0_PA"
dwidenoise: [DEBUG] image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" initialised with strides = [ -36 -3816
404496 1 ], start = 404460, using direct IO
dwidenoise: [INFO] creating image "denoised.mif"...
dwidenoise: [DEBUG] sanitising image information...
dwidenoise: [DEBUG] creating empty file "denoised.mif"
dwidenoise: [DEBUG] resizing file "denoised.mif" to
103554104
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dwidenoise: [DEBUG] sanitising image information...
dwidenoise: [INFO] image "denoised.mif" created with
dimensions 106x106x64x36, voxel spacing
2x2x2.0000000693433999xnan, datatype Float32LE
dwidenoise: [DEBUG] memory-mapping file "denoised.mif"...
dwidenoise: [DEBUG] file "denoised.mif" mapped at
0x118da5000, size 103550976 (read-write)
dwidenoise: [DEBUG] image "denoised.mif" loaded
dwidenoise: [DEBUG] image "denoised.mif" initialised with
strides = [ -36 -3816 404496 1 ], start = 404460, using
direct IO
dwidenoise: [DEBUG] initialising threads...
dwidenoise: [DEBUG] launching 2 threads "loop threads"...
dwidenoise: [ 0%] running MP-PCA denoising...
dwidenoise: [DEBUG] waiting for completion of threads "loop
threads"...
dwidenoise: [100%] running MP-PCA denoising...
dwidenoise: [DEBUG] threads "loop threads" completed OK
dwidenoise: [100%] running MP-PCA denoising
dwidenoise: [DEBUG] unmapping file "denoised.mif"
dwidenoise: [DEBUG] image "denoised.mif" unloaded
dwidenoise: [DEBUG] image "AHB1038 (AHB1038) [MR]
nki_dti_30b_6b0_PA" unloadedNS
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