

# Neuropoly datasets

Current state: 2023-11-13

[script](#)

# basel-mp2rage

## Comments:

- Closest to our wiki description

## derivatives:

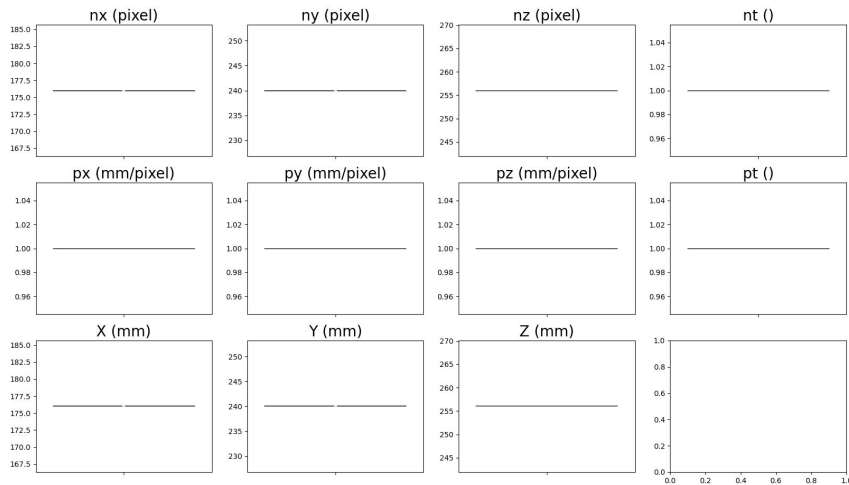
- labels

## suffixes:

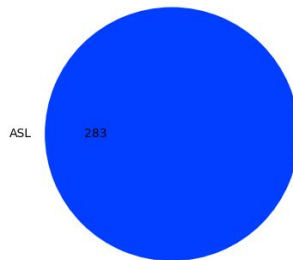
- '\_lesion-manualNeuroPoly'
- '\_lesion-manualKatrin'
- '\_lesion-manualHaris'
- '\_label-SC\_seg'

## Discs labels

dataset : basel-mp2rage

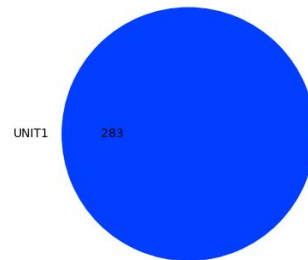


orientation



basel-mp2rage

contrast



basel-mp2rage

# bavaria-quebec-spine-ms

## Comments:

- MRI modalities at the end of the filenames in derivatives

## derivatives:

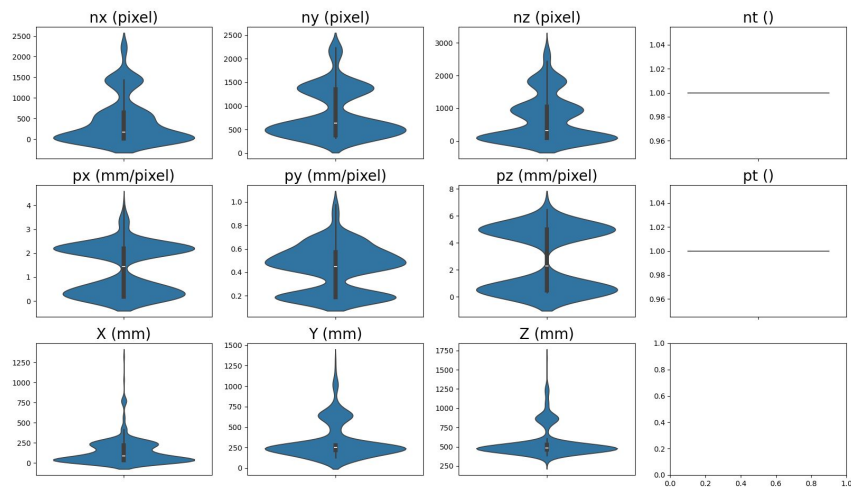
- labels

## suffixes:

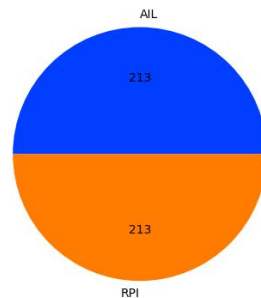
- '\_T2w'

## Discs labels

## dataset : bavaria-quebec-spine-ms

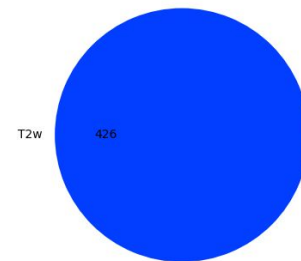


## orientation



bavaria-quebec-spine-ms

## contrast



bavaria-quebec-spine-ms

# beijing-tumor

## Comments:

- 

## derivatives:

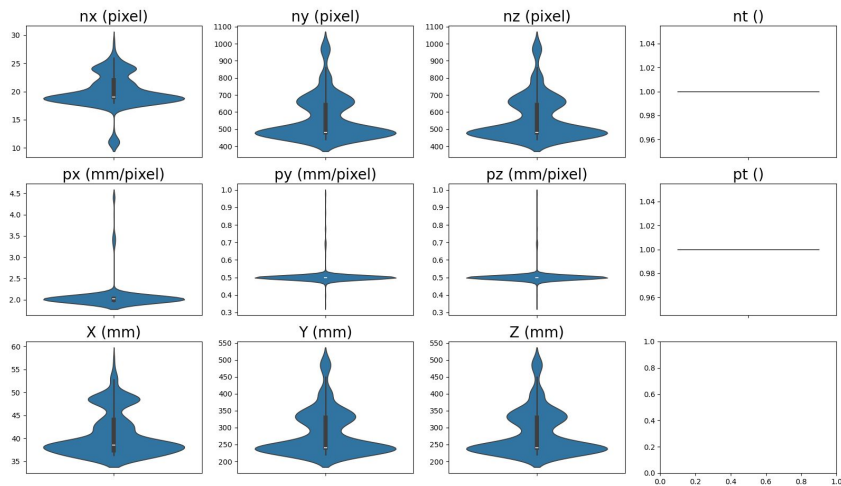
- labels

## suffixes:

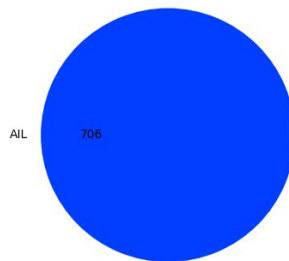
- '\_seg-tumor', '\_sc-mask', '\_seg-whole-tumor', '\_seg-edema', '\_all', '\_centerline', '\_seg-cavity', '\_edema', '\_cavity'

## Discs labels

dataset : beijing-tumor

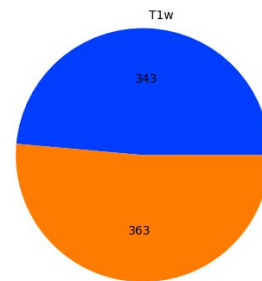


## orientation



beijing-tumor

## contrast



beijing-tumor

# canproco

## Comments:

- 

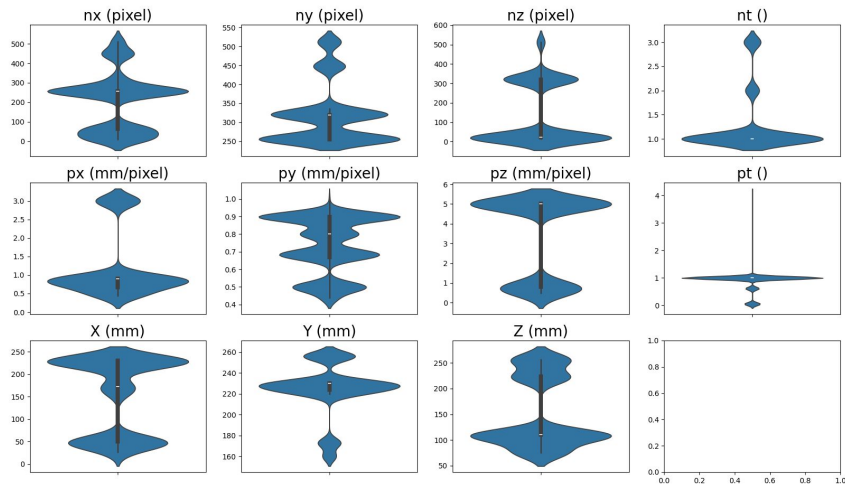
## derivatives:

- labels

## suffixes:

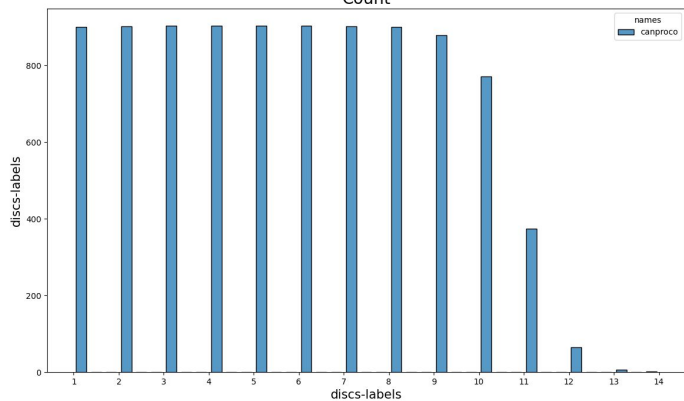
- '\_seg-manual', '\_lesion-manual', '\_labels-disc', '\_labels-manual'

## dataset : canproco

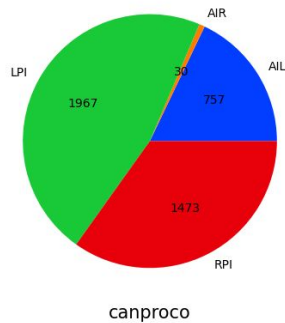


## Discs labels

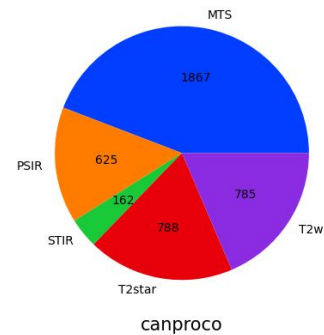
Count



## orientation



## contrast



data-single-subject\_DO-NOT-USE

??

# data-multi-subject

## Comments:

- Nothing under derivatives

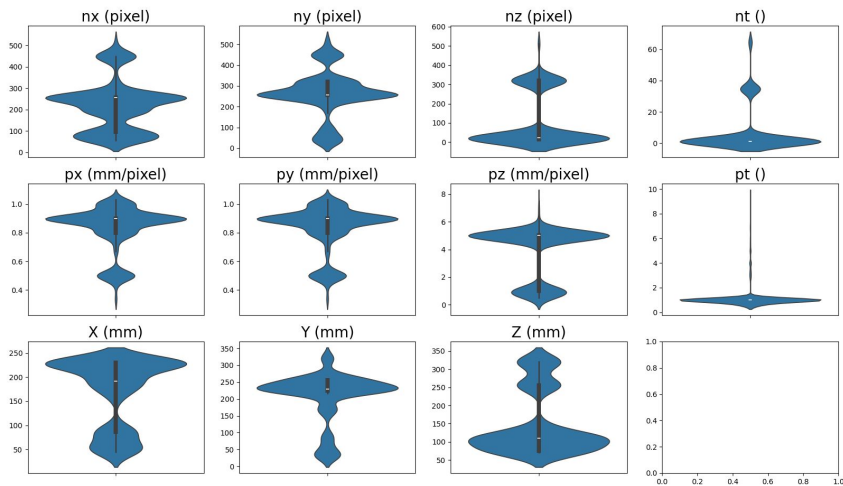
## derivatives:

- 'labels'
- 'labels\_softseg'

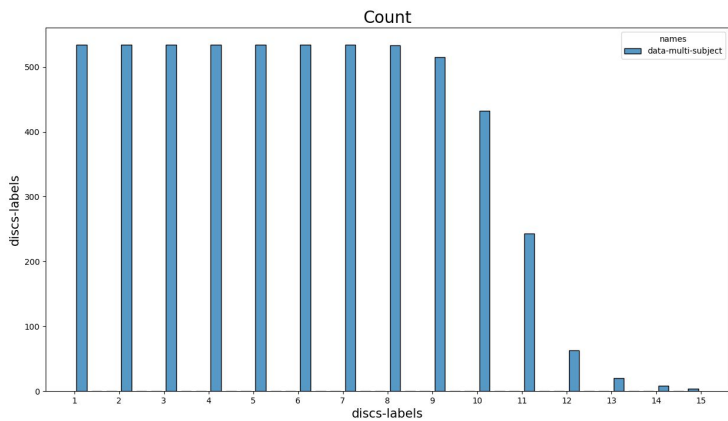
## suffixes:

- '\_seg-manual', '\_softseg',  
'\_labels-disc-manual',  
'\_labels-manual',  
'\_csfseg-manual',  
'\_gmseg-manual', '\_MTS',  
'\_T2w', '\_T1w'

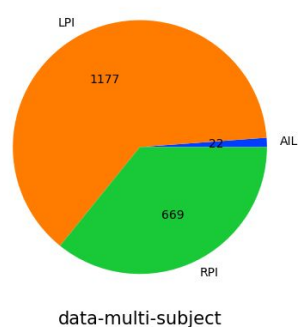
## dataset : data-multi-subject



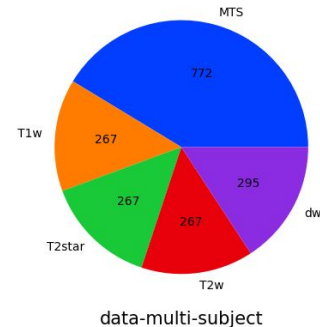
## Discs labels



## orientation



## contrast



data\_axondeepseg\_bf\_source  
data\_axondeepseg\_bf\_training  
data\_axondeepseg\_sickkids  
data\_axondeepseg\_stanford  
data\_axondeepseg\_tem  
data\_axondeepseg\_users  
data\_axondeepseg\_vcu  
data\_axondeepseg\_wakehealth\_source  
data\_axondeepseg\_wakehealth\_training

Not computed



# dcm-oklahoma

## Comments:

- Nothing under derivatives

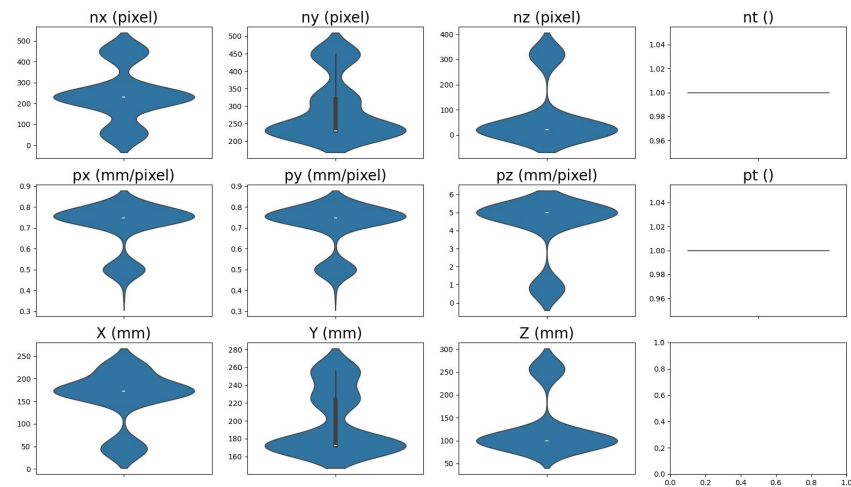
derivatives:

- 

suffixes:

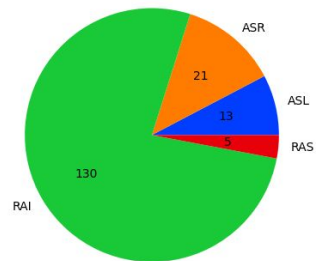
- 

dataset : dcm-oklahoma



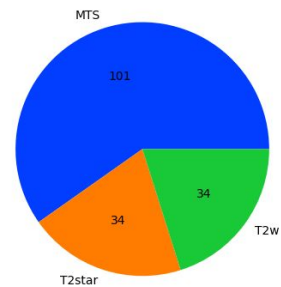
## Discs labels

### orientation



dcm-oklahoma

### contrast



dcm-oklahoma

# dcm-zurich-lesions

## Comments:

- 

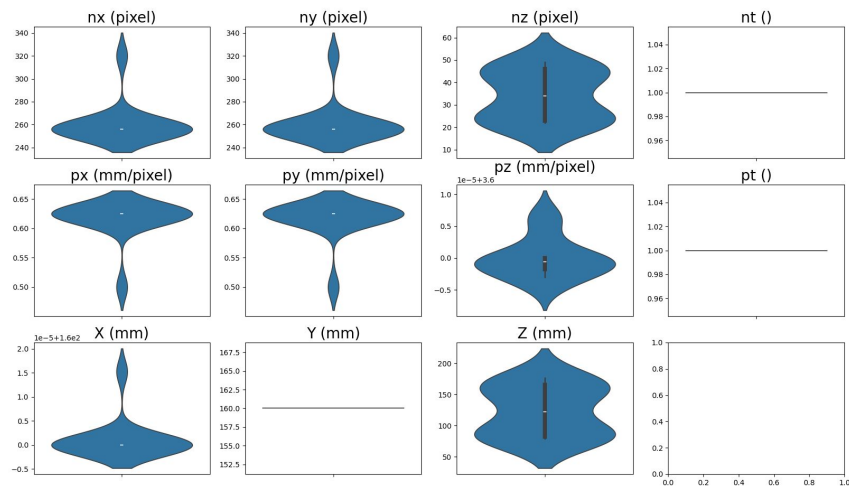
## derivatives:

- labels

## suffixes:

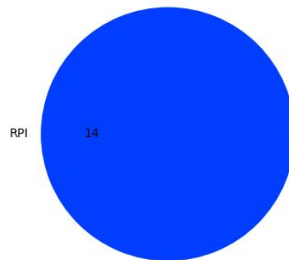
- '\_label-lesion',  
'\_label-SC\_mask-manual',  
'\_label-compression',  
'\_label-disc-manual'

## dataset : dcm-zurich-lesions



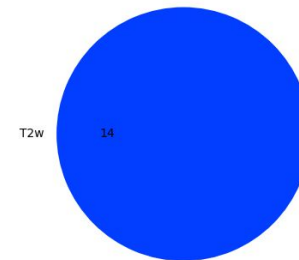
## Discs labels

### orientation



dcm-zurich-lesions

### contrast



dcm-zurich-lesions

# dcm-zurich

## Comments:

- 

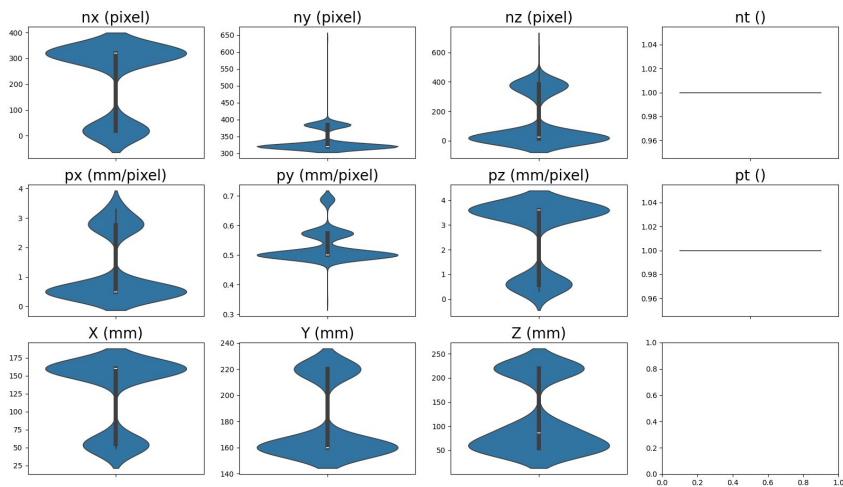
## derivatives:

- labels

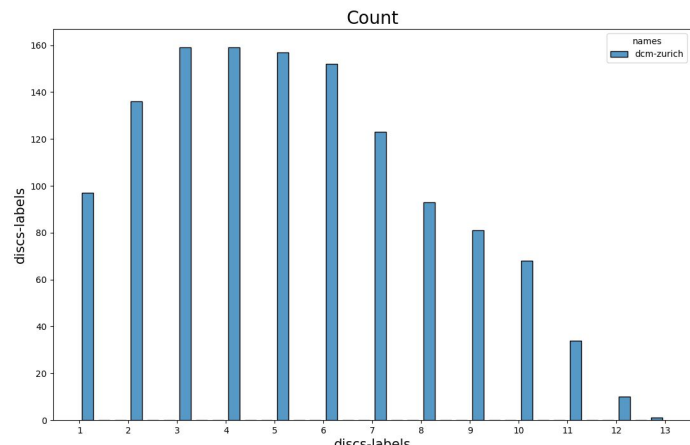
## suffixes:

- '\_label-compression-manual',  
'\_label-SC\_mask-manual',  
'\_labels-manual'

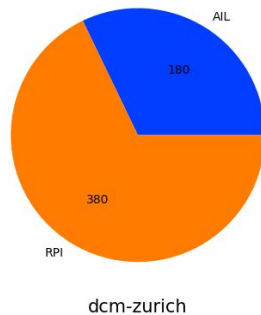
## dataset : dcm-zurich



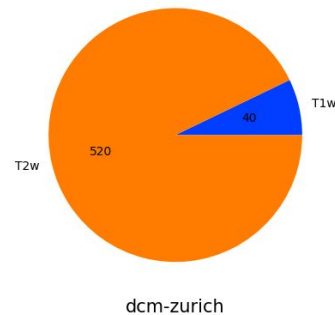
## Discs labels



## orientation



## contrast



eeg-epilepsy

Not computed

# gmseg-challenge-2016

## Comments:

- 

## derivatives:

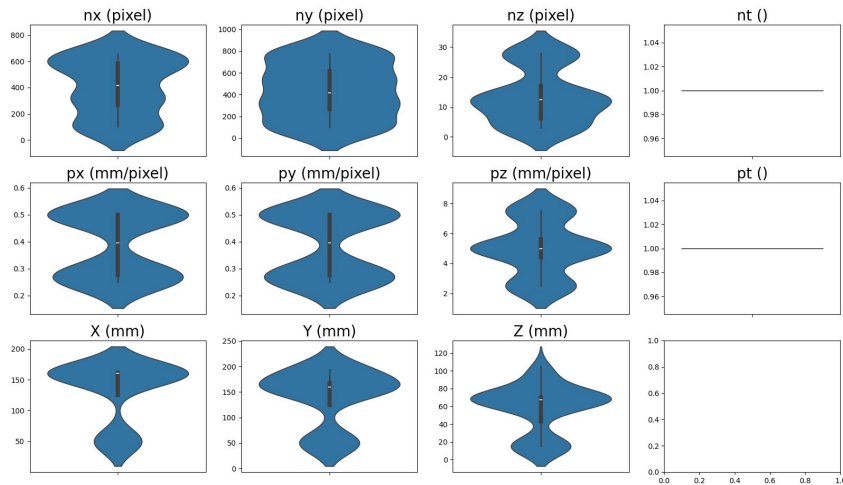
- manual\_labels

## suffixes:

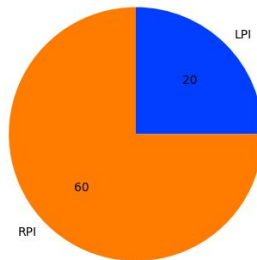
- '\_label-WM\_mask1',  
'\_label-SC\_mask2',  
'\_label-SC\_mask3',  
'\_label-WM\_mask3',  
'\_label-GM\_mask3',  
'\_label-WM\_mask2',  
'\_label-SC\_mask4',  
'\_label-SC\_mask1',  
'\_label-GM\_mask4',  
'\_label-GM\_mask2',  
'\_label-GM\_mask1',  
'\_label-WM\_mask4']"

Discs labels

## dataset : gmseg-challenge-2016

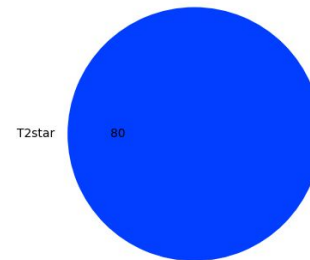


orientation



gmseg-challenge-2016

contrast



gmseg-challenge-2016

# inspired

## Comments:

- 

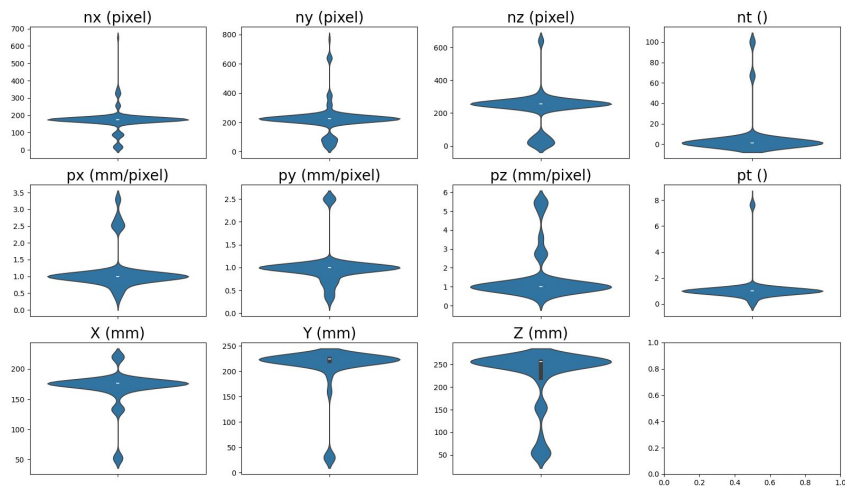
## derivatives:

- manual\_labels

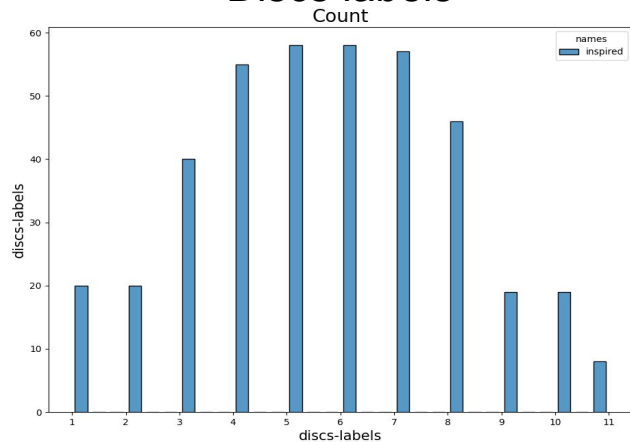
## suffixes:

- '\_label-SC\_seg',  
'\_label-WM\_seg',  
'\_label-GM\_seg', '\_label-disc',  
'\_label-compression'

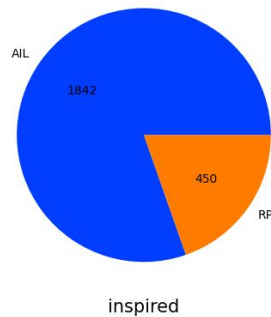
## dataset : inspired



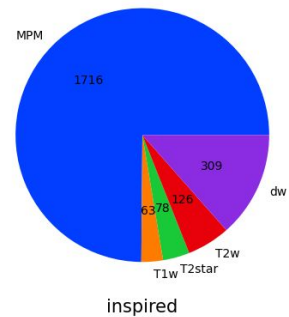
## Discs labels



## orientation



## contrast



# levin-stroke

## Comments:

- 2 subjects
- no derivatives

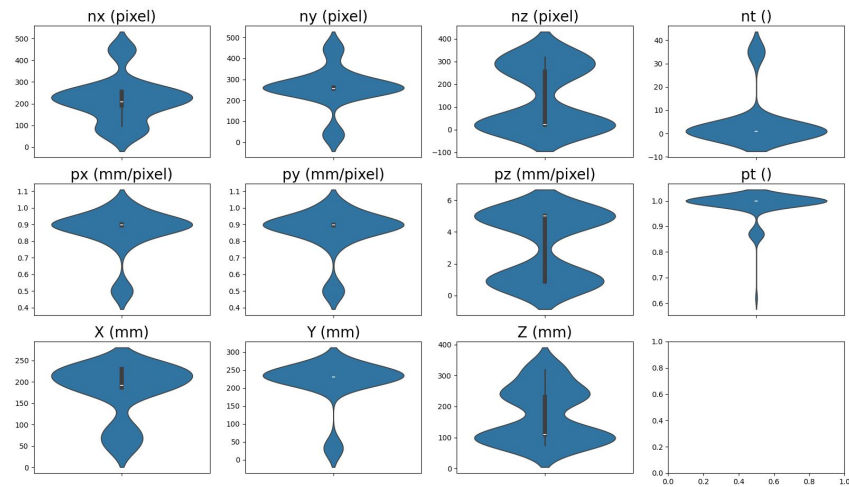
derivatives:

●

suffixes:

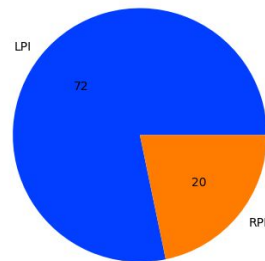
●

dataset : levin-stroke



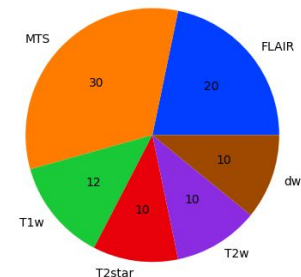
## Discs labels

### orientation



levin-stroke

### contrast



levin-stroke

# lumbar-epfl

## Comments:

- 

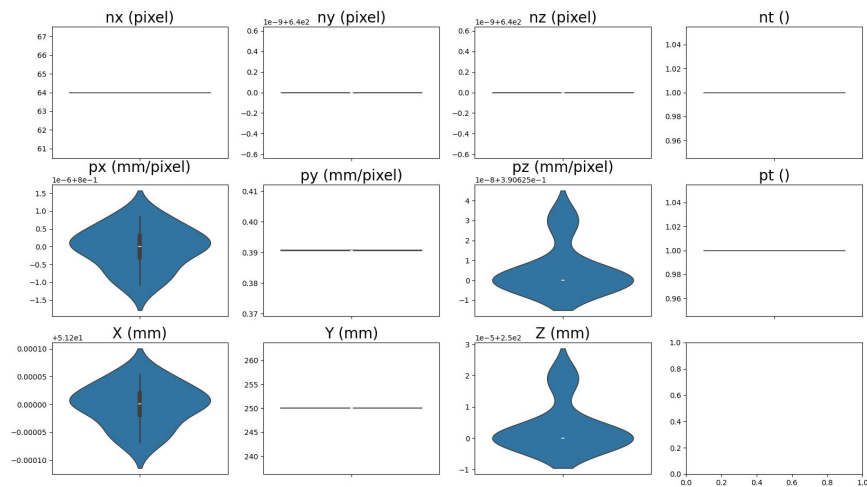
## derivatives:

- labels

## suffixes:

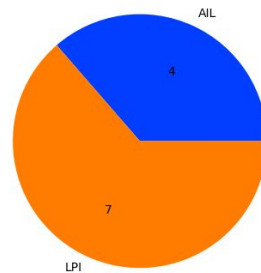
- '\_seg-manual'

dataset : lumbar-epfl



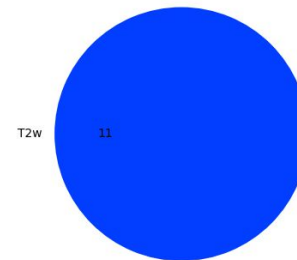
## Discs labels

### orientation



lumbar-epfl

### contrast



lumbar-epfl



# marseille-3T-mp2rage

## Comments:

- 

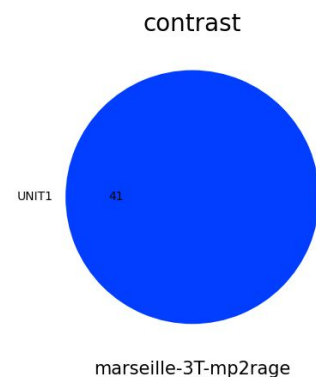
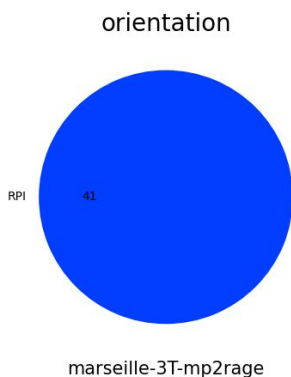
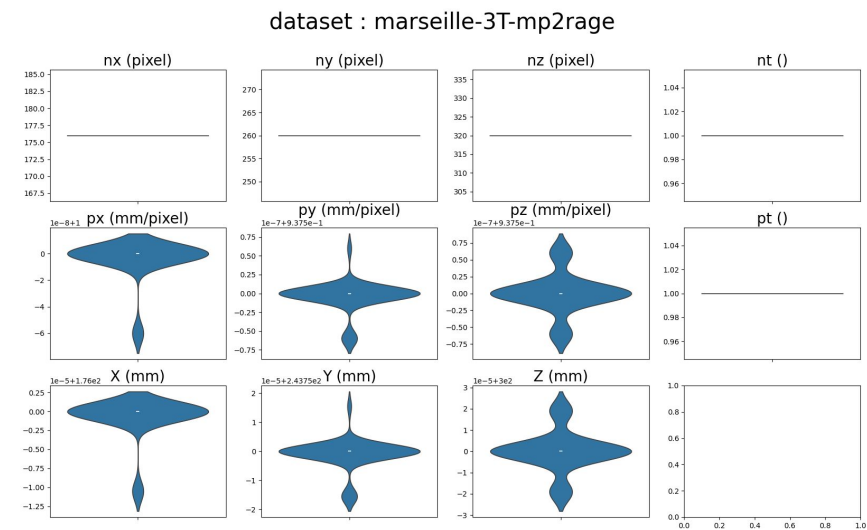
## derivatives:

- labels

## suffixes:

- '\_label-lesion\_rater2'
- '\_label-SC\_seg'
- '\_label-lesion\_rater1'

## Discs labels



# marseille-rootlets

## Comments:

- No derivatives folder

derivatives:

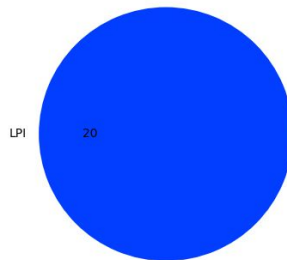
•

suffixes:

•

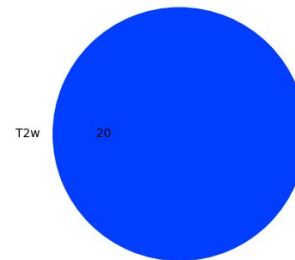
## Discs labels

orientation



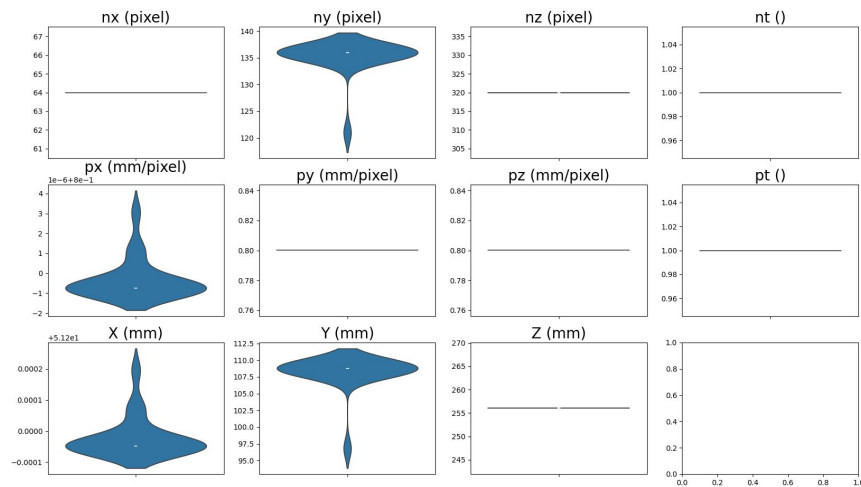
marseille-rootlets

contrast



marseille-rootlets

dataset : marseille-rootlets



# mni-bmpd

## Comments:

- Dataset empty

## derivatives:

- 

## suffixes:

- 

Discs labels

# model\_seg\_exvivo\_gm-wm\_t2\_unet2d-multichannel-softseg

## Comments:

- 1 subject
- data used to train a model

## derivatives:

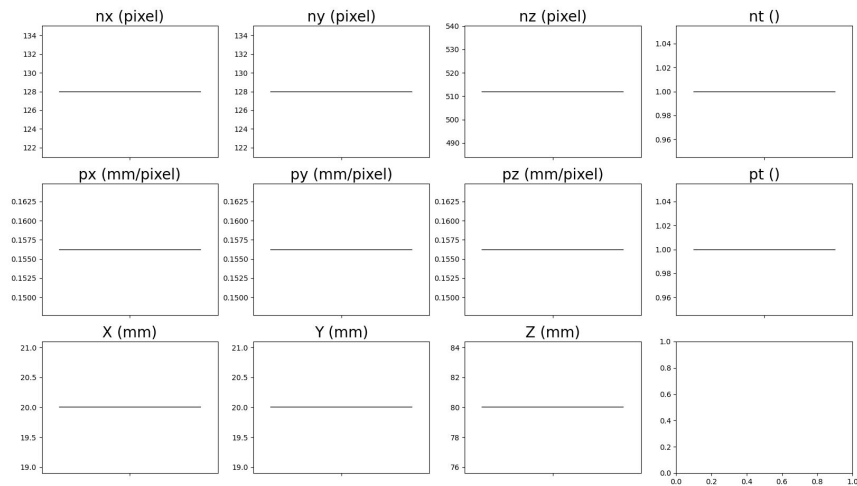
- labels

## suffixes:

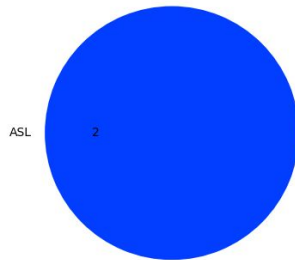
- '\_wmseg\_manual', '\_gmseg\_manual'

Discs labels

dataset : unet2d-multichannel-softseg

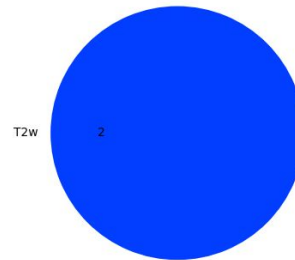


orientation



UNET2D-MULTICHANNEL-SOFTSEG

contrast



UNET2D-MULTICHANNEL-SOFTSEG

# msseg\_challenge\_2016

## Comments:

- 

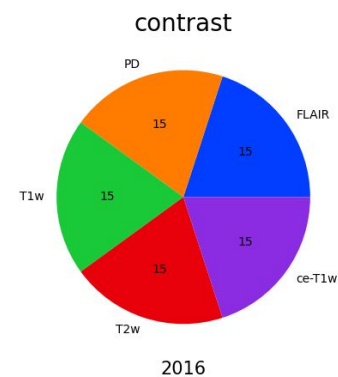
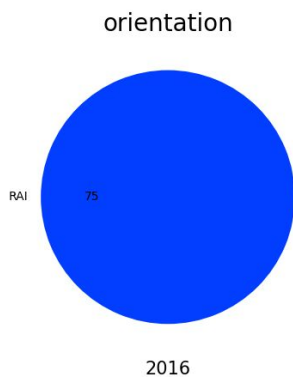
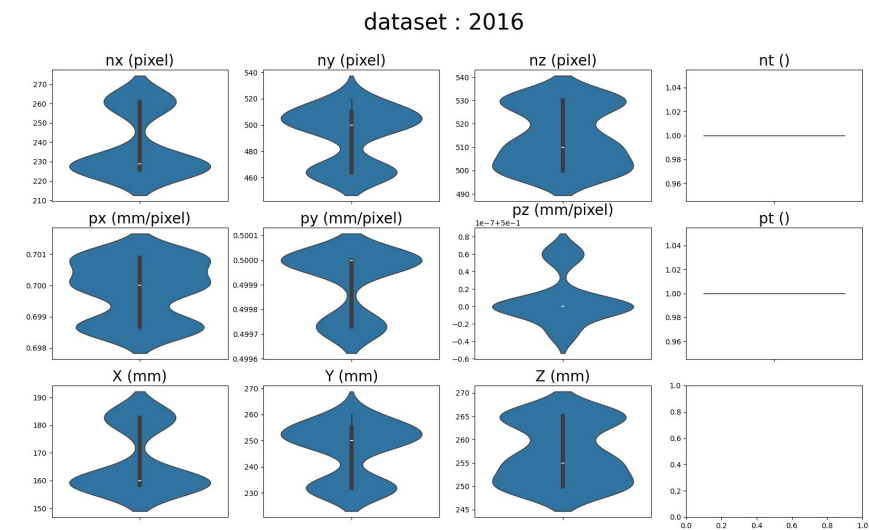
## derivatives:

- labels

## suffixes:

- `'_seg-lesion5'`, `'_seg-average-lesion'`,  
`'_seg-lesion3'`, `'_seg-lesion2'`,  
`'_seg-lesion6'`, `'_seg-lesion0'`,  
`'_seg-lesion1'`, `'_seg-lesion7'`,  
`'_seg-lesion4']"`

## Discs labels



# msseg\_challenge\_2021

## Comments:

- 

## derivatives:

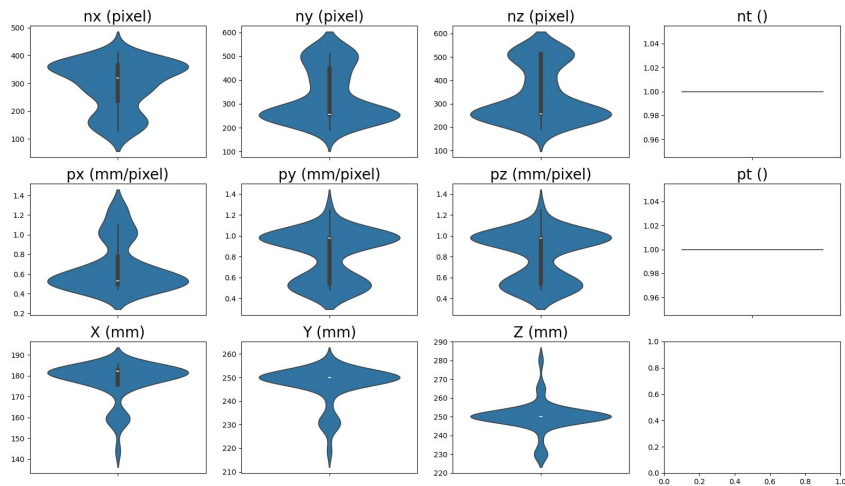
- labels

## suffixes:

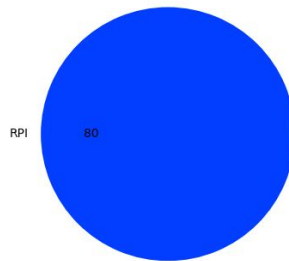
- ['\_seg-lesion', '\_lesion-manual-rater2', '\_lesion-manual-rater4', '\_lesion-manual-rater1', '\_lesion-manual-rater3']"

## Discs labels

dataset : 2021

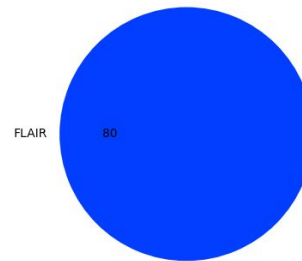


orientation



2021

contrast



2021

# philadelphia-pediatric

## Comments:

- rec-composed ?

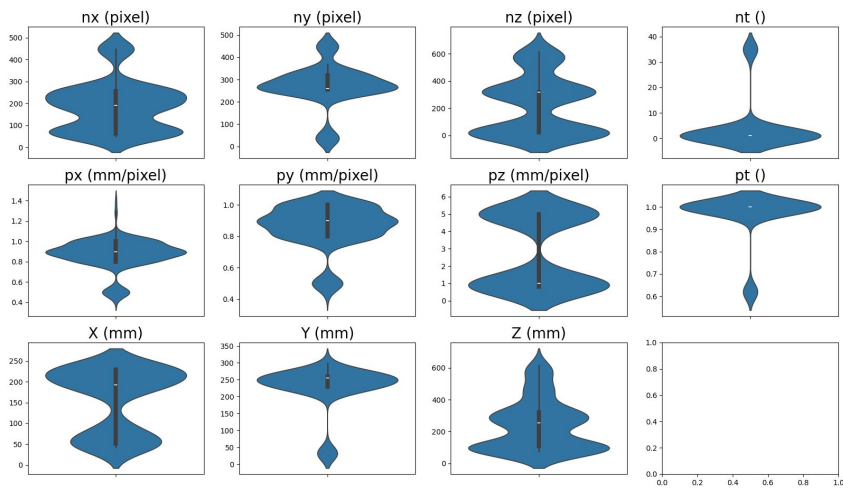
## derivatives:

- labels

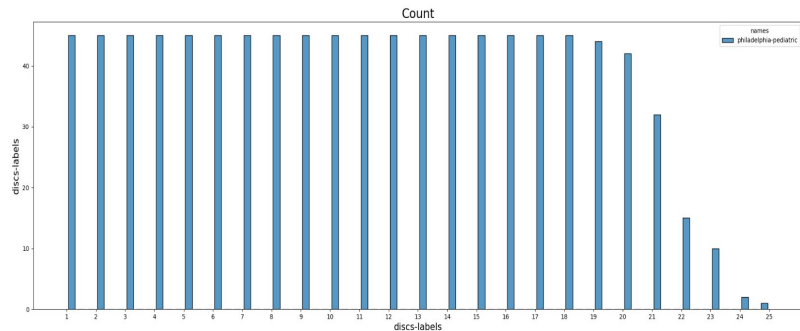
## suffixes:

- `'_T2w_label-SC_mask'`,  
`'_T1w_label-SC_mask'`,  
`'_T2w_labels-disc'`, `'_T1w_labels-disc'`

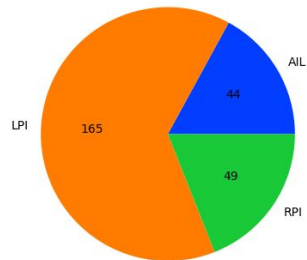
## dataset : philadelphia-pediatric



## Discs labels

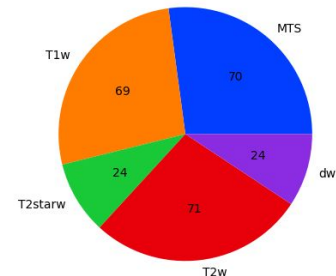


## orientation



philadelphia-pediatric

## contrast



philadelphia-pediatric

# sci-colorado

## Comments:

- 

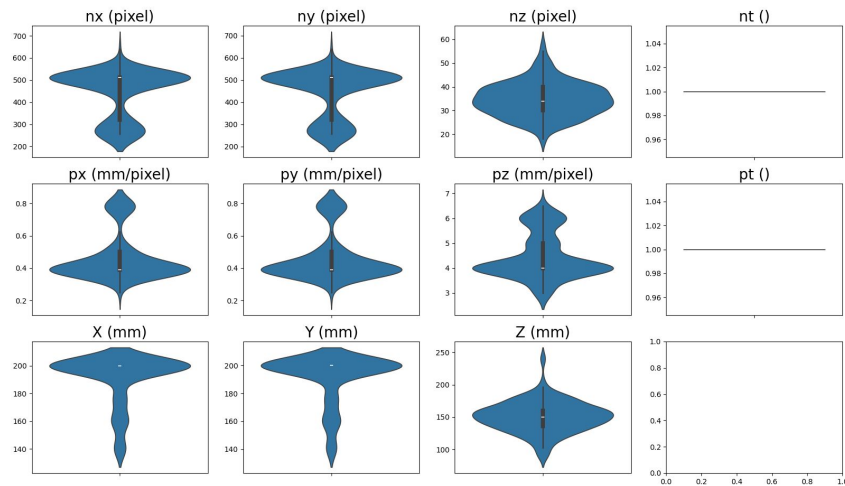
## derivatives:

- labels

## suffixes:

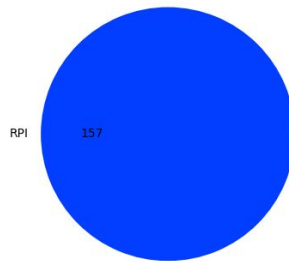
- `'_seg-manual'`
- `'_lesion-manual'`

dataset : sci-colorado



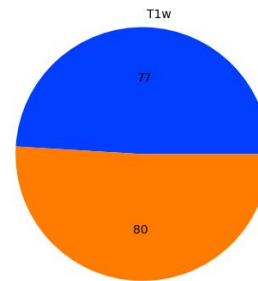
## Discs labels

### orientation



sci-colorado

### contrast



sci-colorado



# sci-paris

## Comments:

- 

## derivatives:

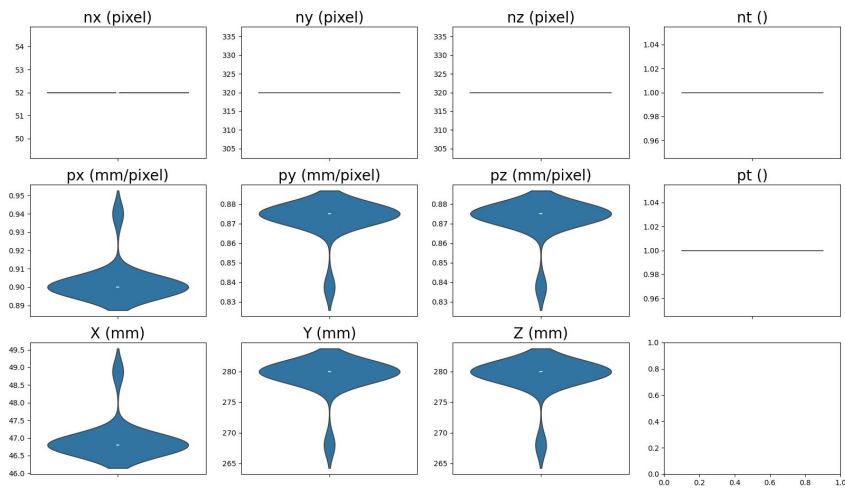
- labels

## suffixes:

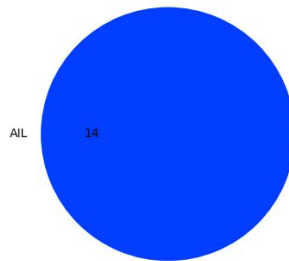
- `'_lesion-manual'`
- `'_seg-manual'`

## Discs labels

## dataset : sci-paris

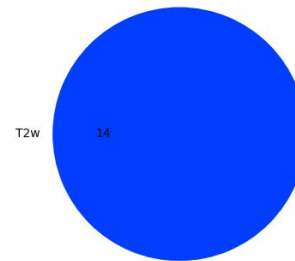


## orientation



sci-paris

## contrast



sci-paris

# sci-zurich

## Comments:

- 

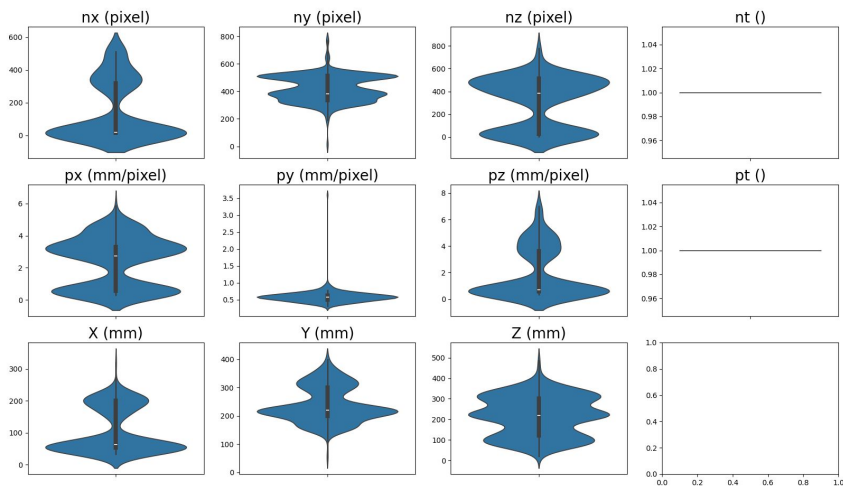
## derivatives:

- labels

## suffixes:

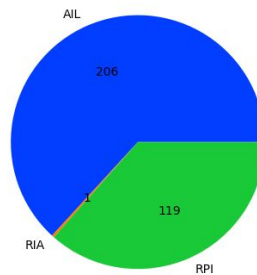
- '\_lesion-manual'
- '\_seg-manual'
- '\_centerline-manual'

## dataset : sci-zurich



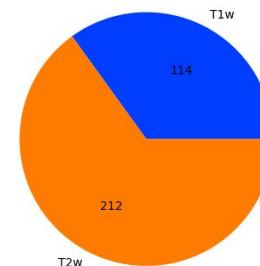
## Discs labels

### orientation



sci-zurich

### contrast



sci-zurich

# sct-testing-large

## Comments:

- 

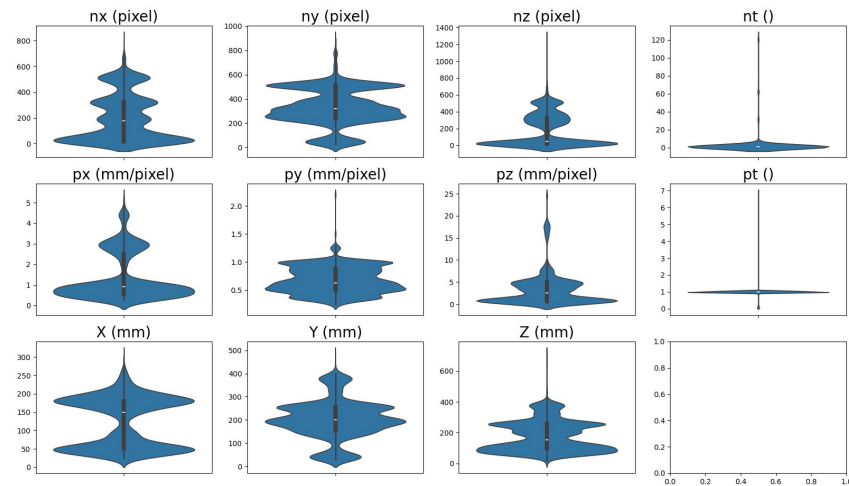
## derivatives:

- labels

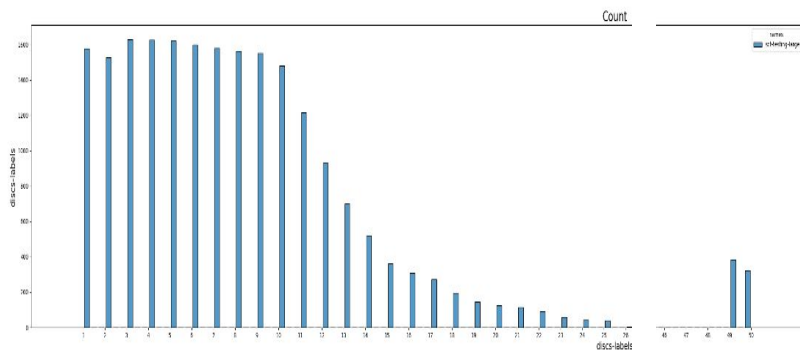
## suffixes:

- '\_labels-disc-manual', '\_lesion-manual', '\_seg-manual', '\_gmseg-manual', '\_dwi', '\_DIM'

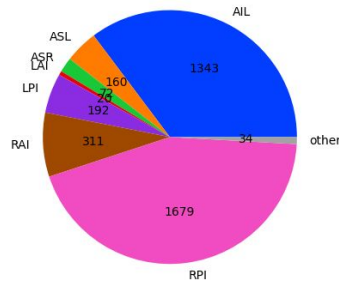
## dataset : sct-testing-large



## Discs labels

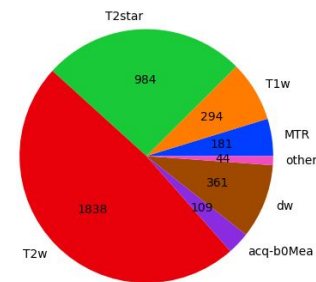


## orientation



sct-testing-large

## contrast



sct-testing-large

# template

## Comments:

- Dataset empty

## derivatives:

- 

## suffixes:

- 

Discs labels

# template\_dog\_virginiatech

Comments:

- Dataset empty

derivatives:

- 

suffixes:

- 

Discs labels

# twh-rootlets

## Comments:

- 

## derivatives:

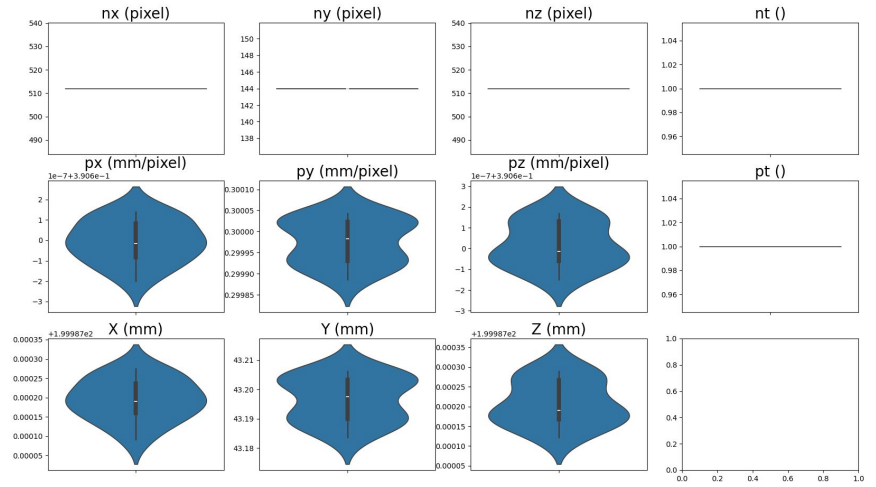
- labels

## suffixes:

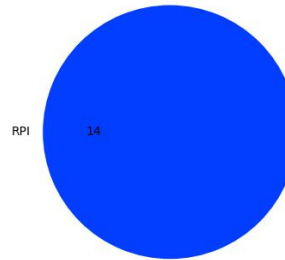
- '\_label'

## Discs labels

## dataset : twh-rootlets

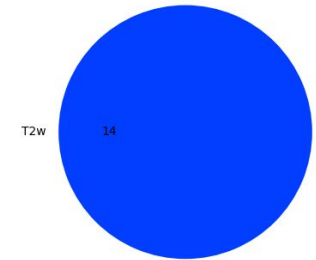


## orientation



twh-rootlets

## contrast



twh-rootlets

# uk-biobank

## Comments:

- 4 subjects folders under derivatives
- suffixes only present under derivatives ?

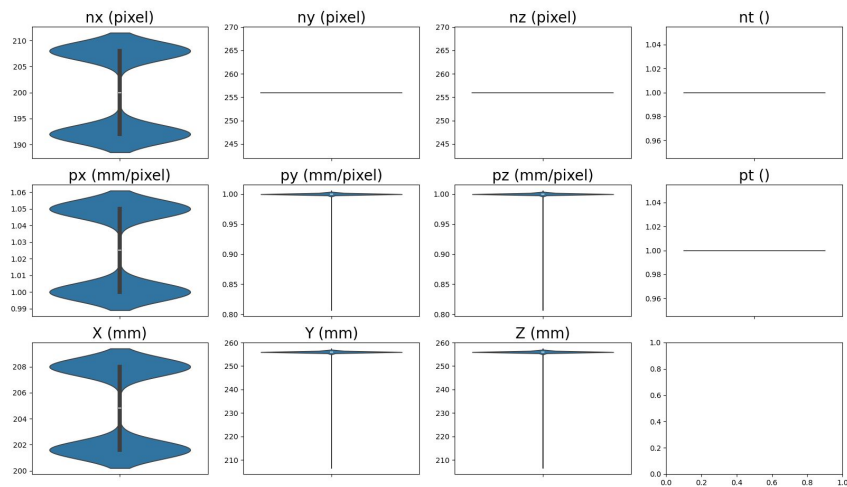
### derivatives:

- labels

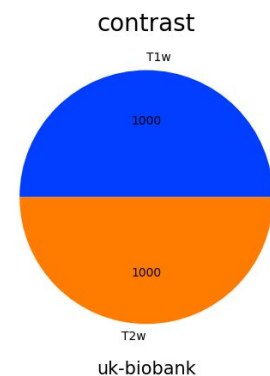
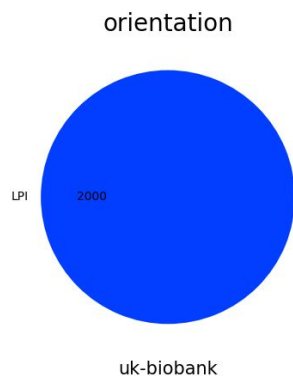
### suffixes:

- `'_RPI_r_gradcorr_seg-manual'`,  
`'_RPI_r_gradcorr_labels-manual'`

dataset : uk-biobank



## Discs labels



# uk-biobank-processed

## Comments:

- Big dataset ~ 80GB

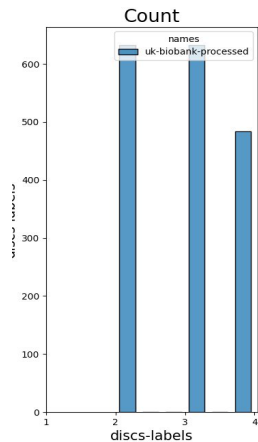
## derivatives:

- labels

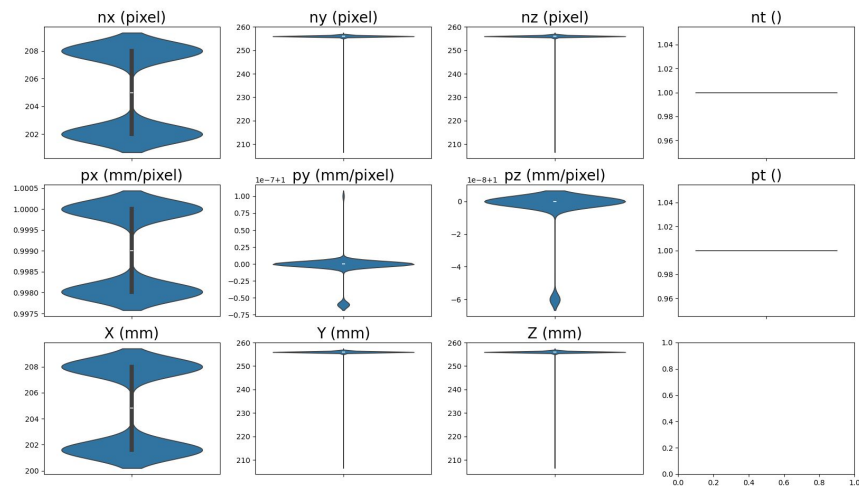
## suffixes:

- '\_pmj-manual', '\_seg-manual', '\_labels-disc-manual'

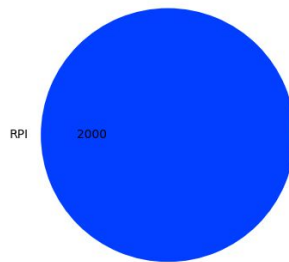
## Discs labels



## dataset : uk-biobank-processed

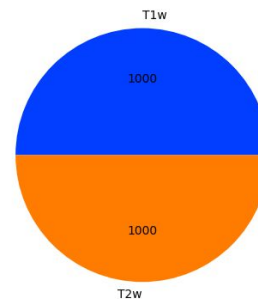


## orientation



uk-biobank-processed

## contrast



uk-biobank-processed



# umass-ms-ge-excite1.5

## Comments:

- No derivatives folder
- acq-STIR\_T2w ?

## derivatives:

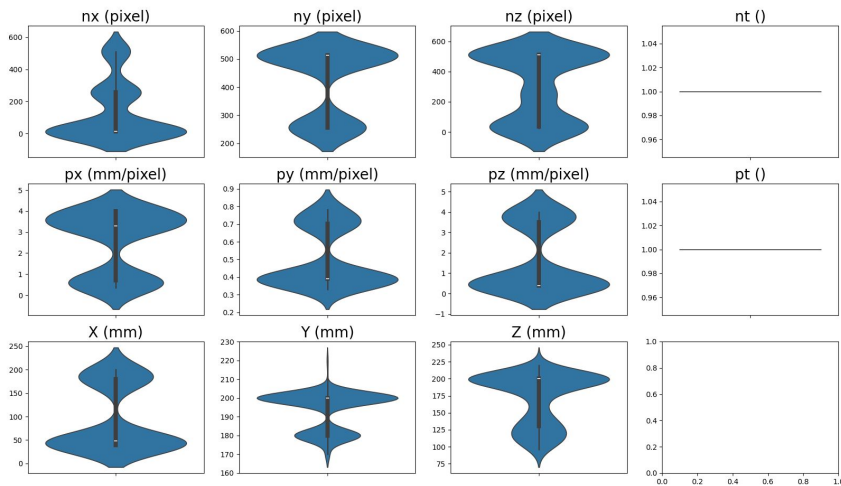
- 

## suffixes:

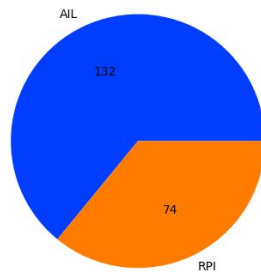
- 

## Discs labels

dataset : umass-ms-ge-excite1.5

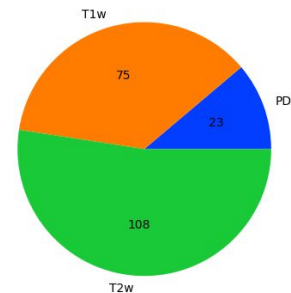


## orientation



umass-ms-ge-excite1.5

## contrast



umass-ms-ge-excite1.5

# umass-ms-ge-hdxt1.5

## Comments:

- No derivatives folder

derivatives:

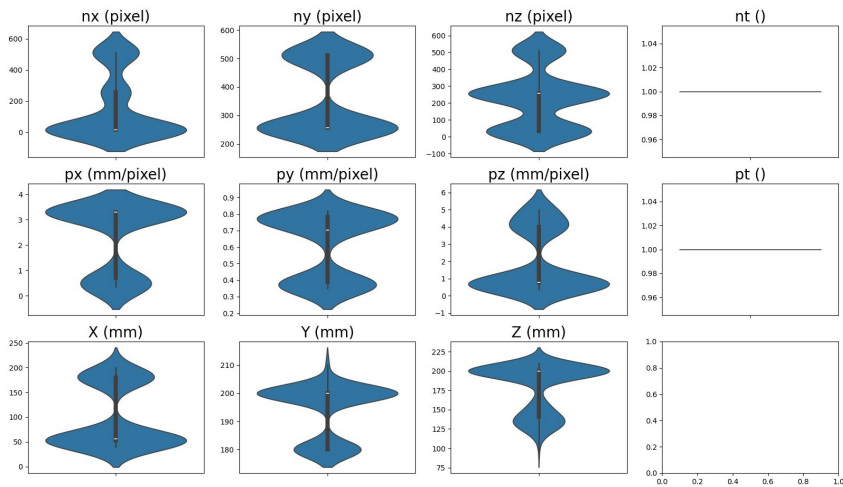
- 

suffixes:

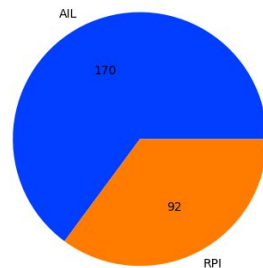
- 

## Discs labels

dataset : umass-ms-ge-hdxt1.5

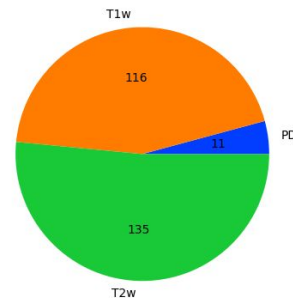


## orientation



umass-ms-ge-hdxt1.5

## contrast



umass-ms-ge-hdxt1.5

# umass-ms-ge-pioneer3

## Comments:

- No derivatives folder

derivatives:

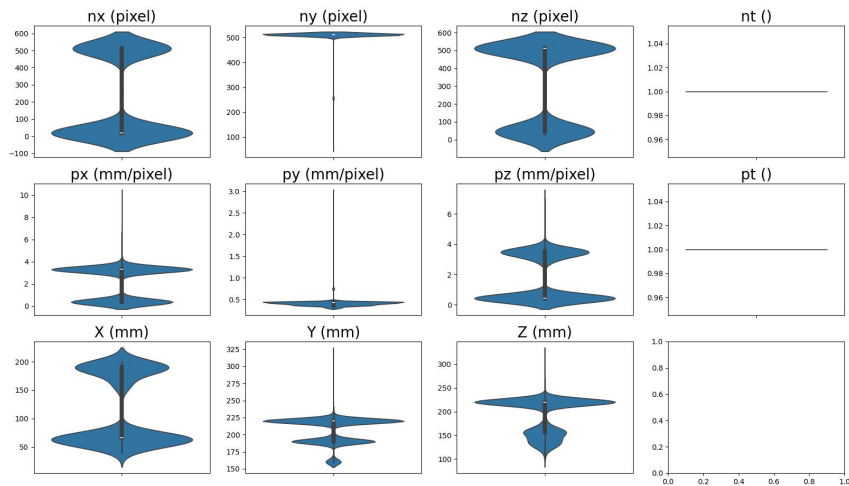
- 

suffixes:

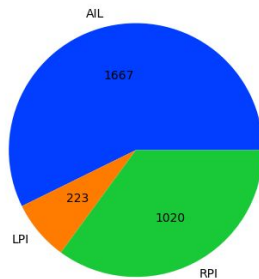
- 

## Discs labels

dataset : umass-ms-ge-pioneer3

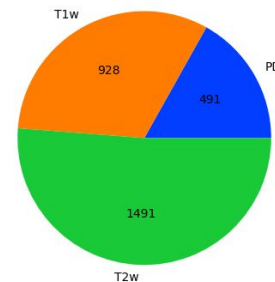


## orientation



umass-ms-ge-pioneer3

## contrast



umass-ms-ge-pioneer3

# umass-ms-siemens-espre1.5

## Comments:

- No derivatives folder

derivatives:

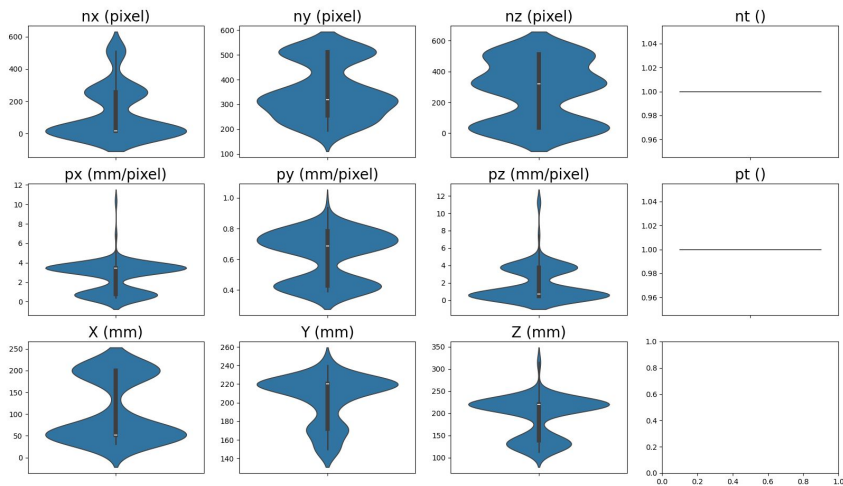
- 

suffixes:

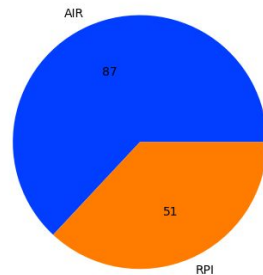
- 

## Discs labels

dataset : umass-ms-siemens-espre1.5

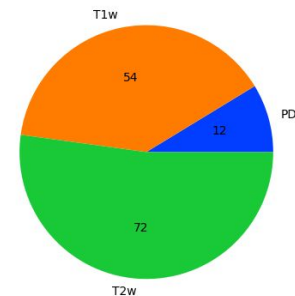


## orientation



umass-ms-siemens-espre1.5

## contrast



umass-ms-siemens-espre1.5

# uqueensland\_mouse

## Comments:

- 

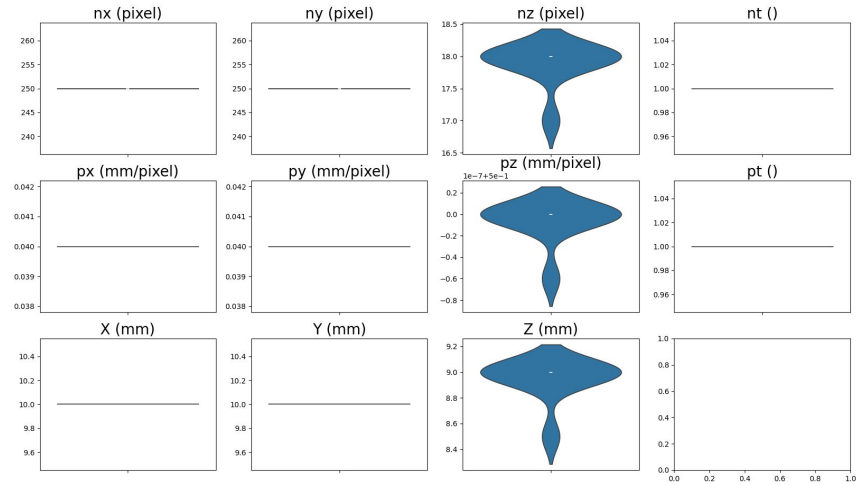
## derivatives:

- labels

## suffixes:

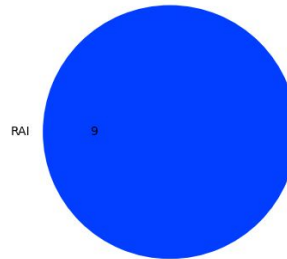
- '\_scseg', '\_seg', '\_gmseg', '\_wmseg'

dataset : mouse



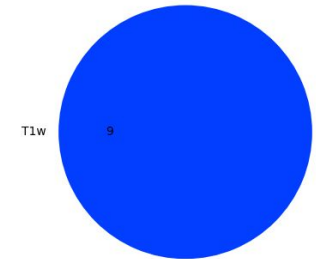
## Discs labels

orientation



mouse

contrast



mouse

# whole-spine

## Comments:

- 

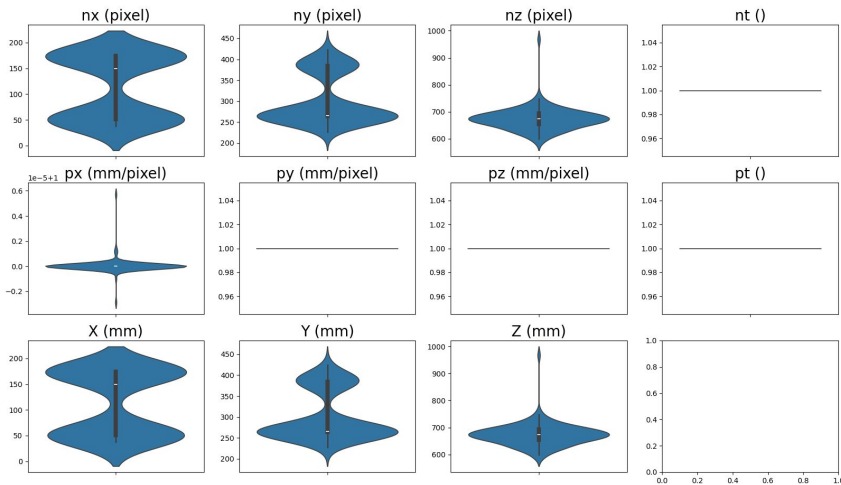
## derivatives:

- labels

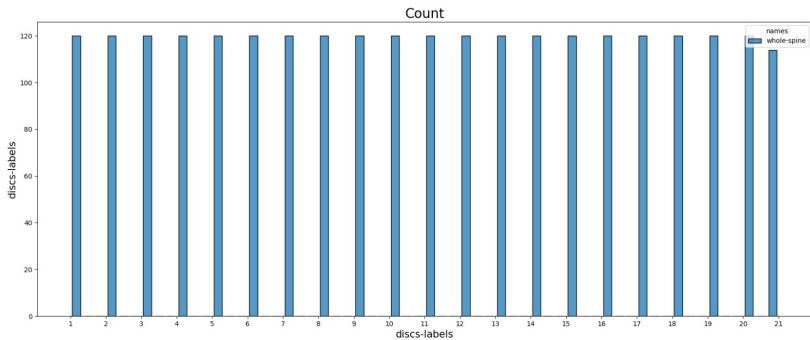
## suffixes:

- '\_labels-disc-manual'
- '\_seg'
- '\_centerline'

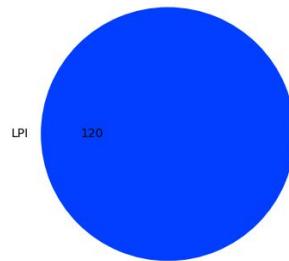
## dataset : whole-spine



## Discs labels

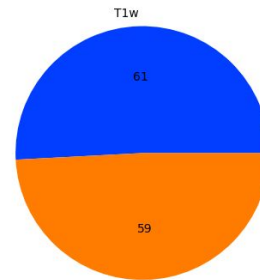


## orientation



whole-spine

## contrast



whole-spine

# zurich-mouse

## Comments:

- term “\_chunk-”

## derivatives:

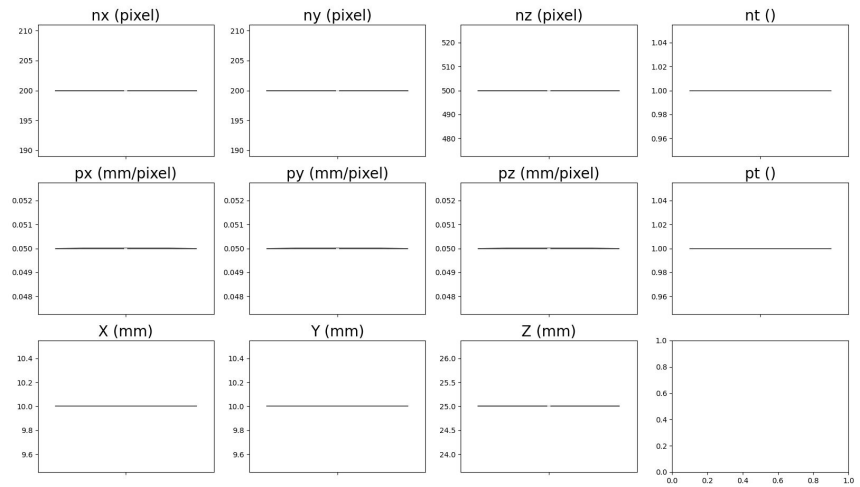
- manual\_masks

## suffixes:

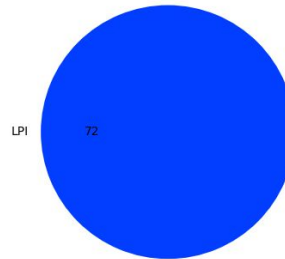
- '\_T1w\_label-GM\_mask'
- '\_T1w\_label-WM\_mask'

## Discs labels

## dataset : zurich-mouse

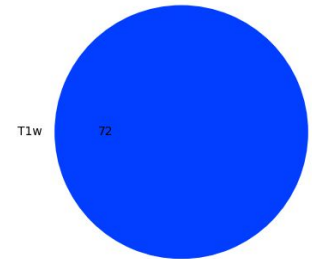


## orientation



zurich-mouse

## contrast



zurich-mouse