Cocoan Lab Data management

Neuroimaging data type

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Computational Cognitive Affective Neuroscience Lab (Cocoan Lab) https://cocoanlab.github.io

Neuroimaging data type

DICOM

Digital Imaging and Communications in Medicine — is *the* international standard for medical images and related information. It defines the formats for medical images that can be exchanged with the data and quality necessary for clinical use.
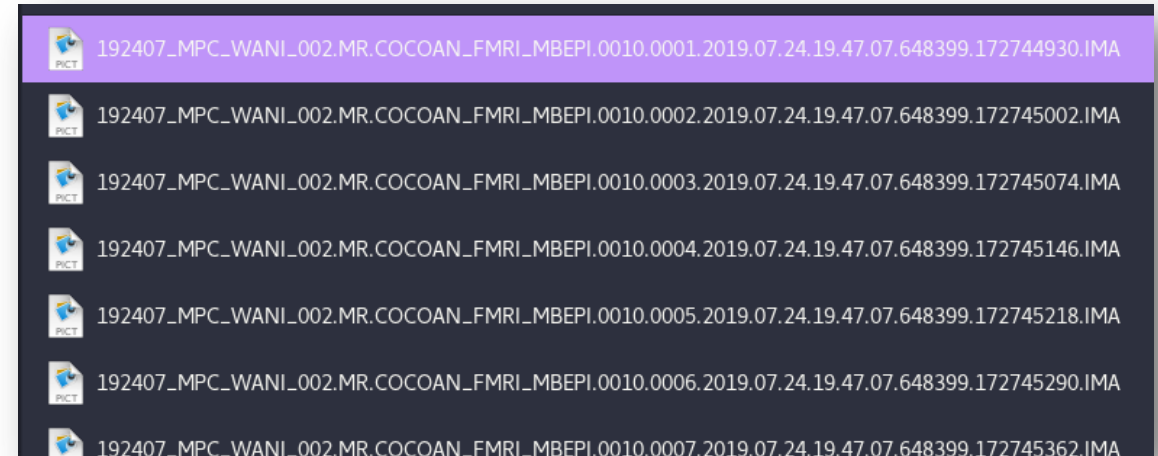
https://www.dicomstandard.org/about
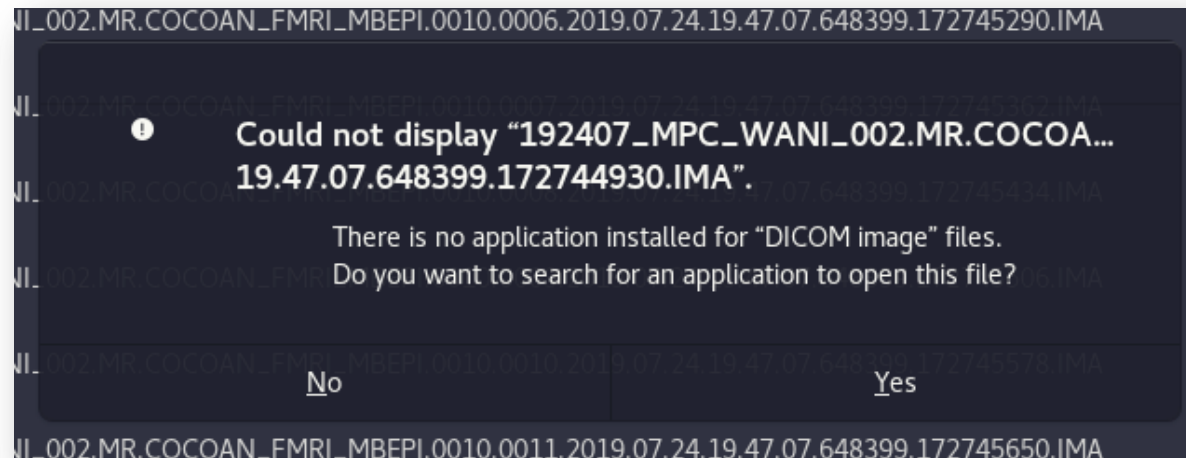
Neuroimaging data type

DICOM

This is what you will get after MRI scanning.

192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0001.2019.07.24.19.47.07.648399.172744930.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0002.2019.07.24.19.47.07.648399.172745002.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0003.2019.07.24.19.47.07.648399.172745074.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0004.2019.07.24.19.47.07.648399.172745146.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0005.2019.07.24.19.47.07.648399.172745218.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0006.2019.07.24.19.47.07.648399.172745290.IMA
192407_MPC_WANI_002.MR.COCOAN_FMRI_MBEPI.0010.0007.2019.07.24.19.47.07.648399.172745362.IMA

Neuroimaging data type

DICOM

You need specific software to open DICOM file.

Neuroimaging data type

NIfTI

The primary goal of **NIfTI** is to provide coordinated and targeted service, training, and research to speed the development and enhance the utility of informatics tools related to neuroimaging.
The National Institute of Mental Health and the National Institute of Neurological Disorders and Stroke are joint sponsors of this initiative.
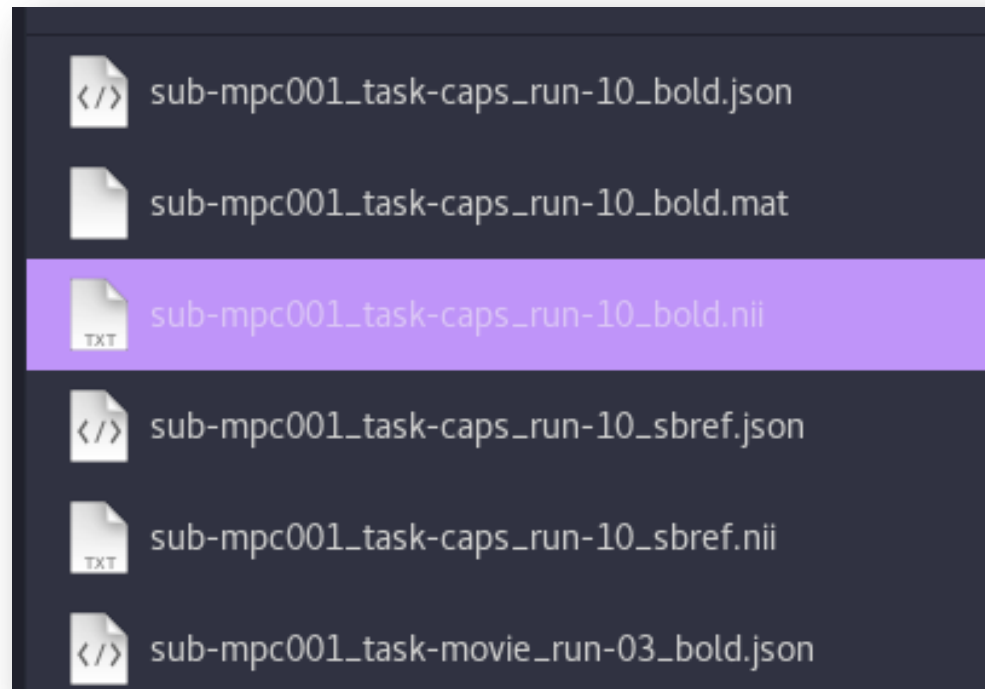
https://nifti.nimh.nih.gov/

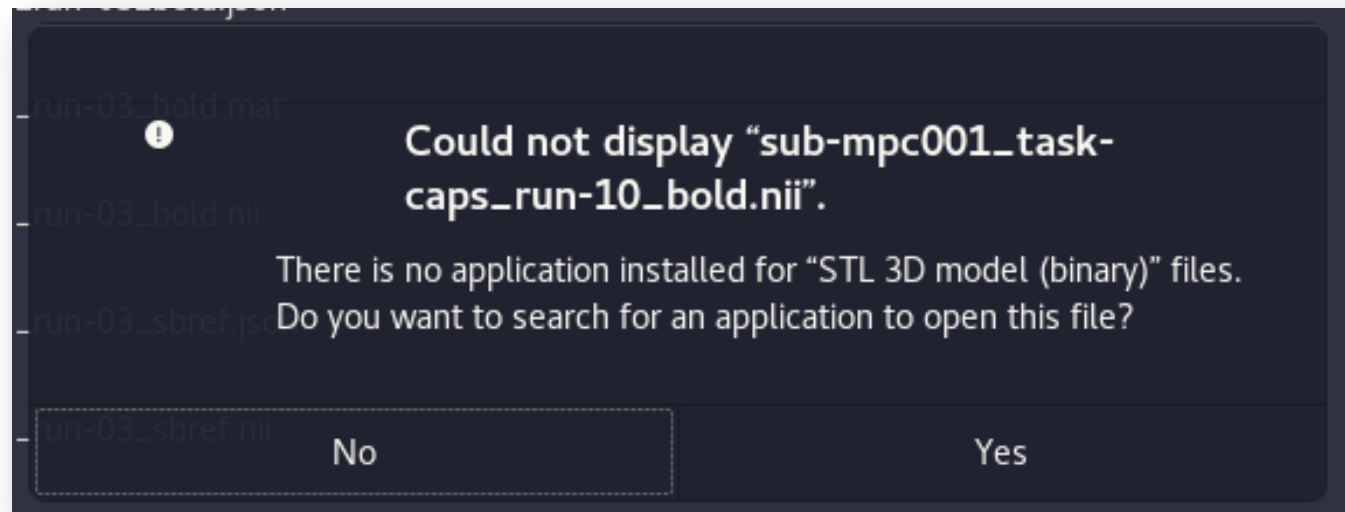# Neuroimaging data type

NifTI

This is what you will get after DICOM to NifTI processing

Neuroimaging data type

NifTI

You still need specific software to open NifTi file.

Cocoan Lab Data management

Neuroimaging data type

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