

Brain Skull Stripping Report

Generated on: 2025-03-17 09:31:18

input_file:

sub-0002_ses-01_T1w.nii.gz

output_file:

sub-0002_ses-0001_T1w_defaced_out.nii.gz

sigma:

1.5

normalization_method:

z-score

file_type:

nii

quality_metrics:

SSIM: 0.2352

PSNR: 18.6605

PCC: 0.6821

status:

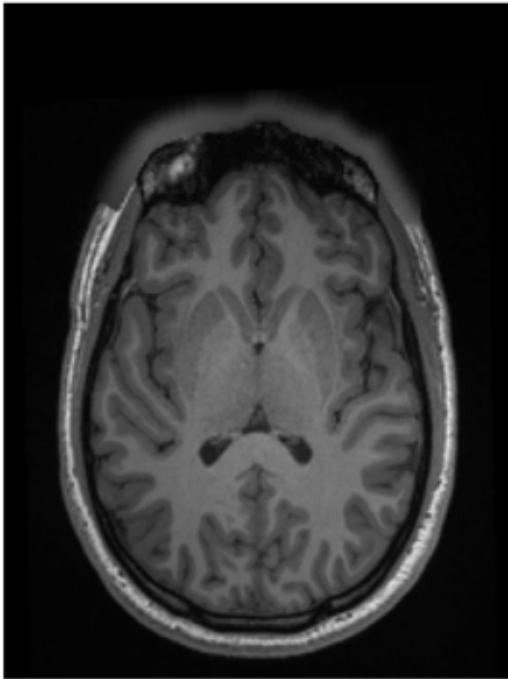
success

Processing Status: SUCCESS

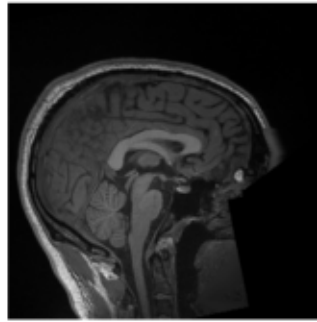
Original Brain Image

Middle slices of original image

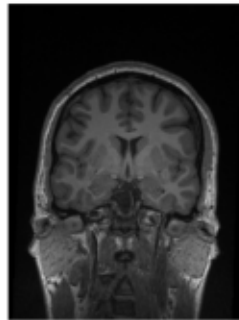
Z Axis



X Axis



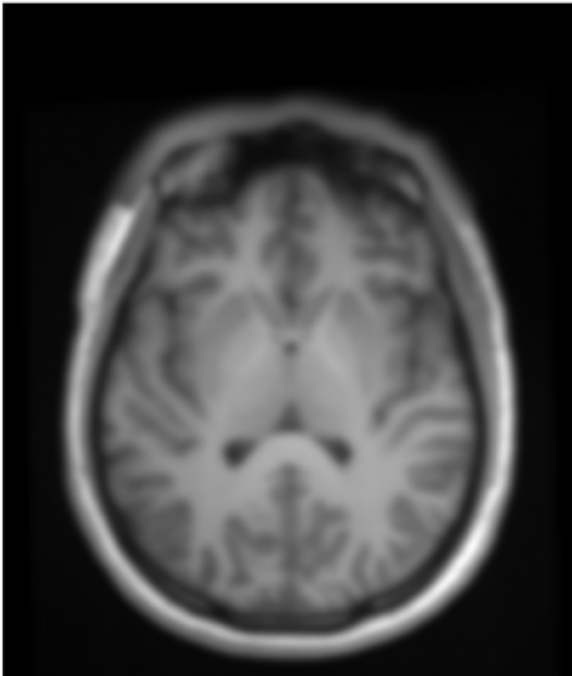
Y Axis



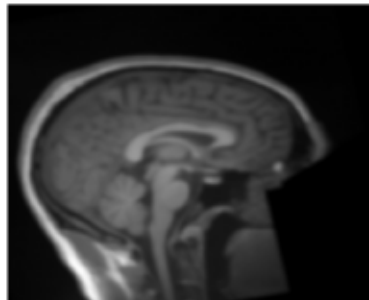
Skull-Stripped Brain Image

Middle slices of registered image

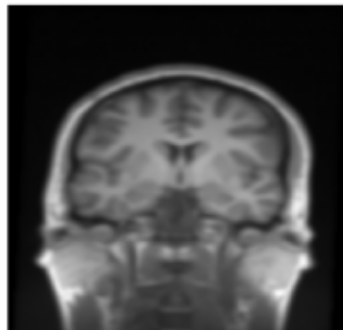
Z Axis



X Axis



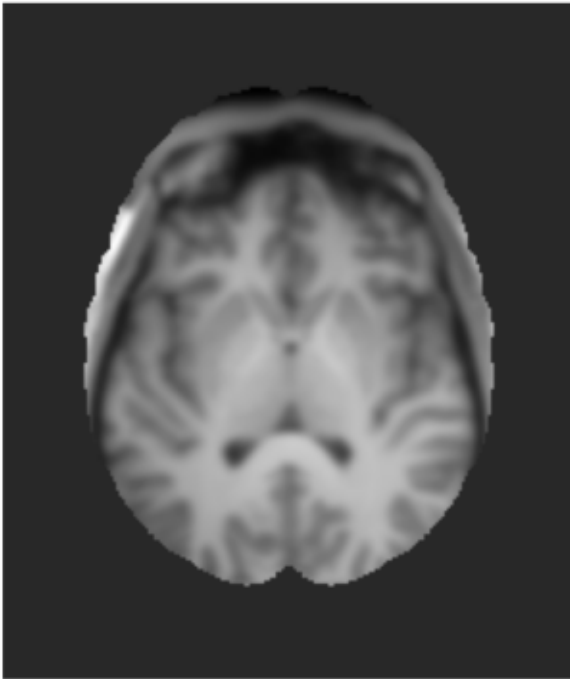
Y Axis



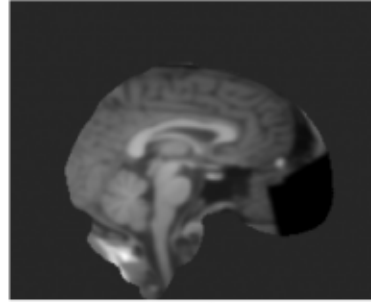
Skull-Stripped Brain Image

Middle slices of skull stripped image

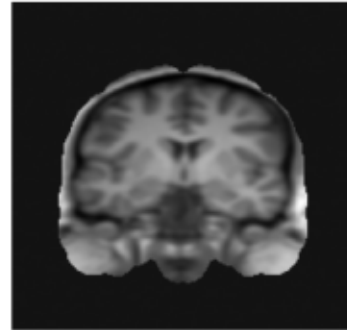
Z Axis



X Axis



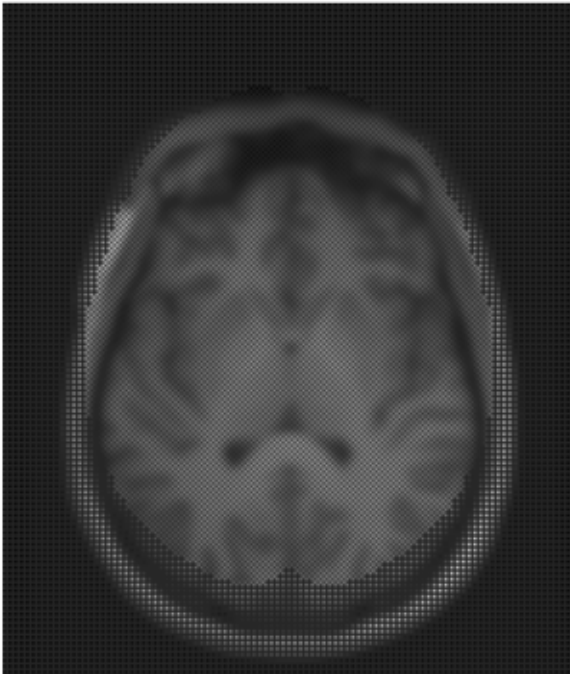
Y Axis



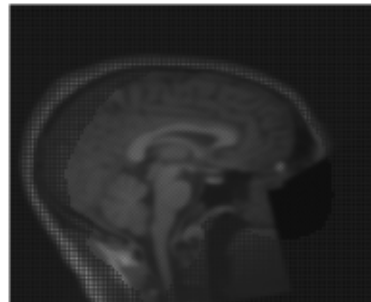
Checkerboard Comparison

Checkerboard Comparison of Original and Skull-Stripped Images

Checkerboard Z Axis



Checkerboard X Axis



Checkerboard Y Axis

