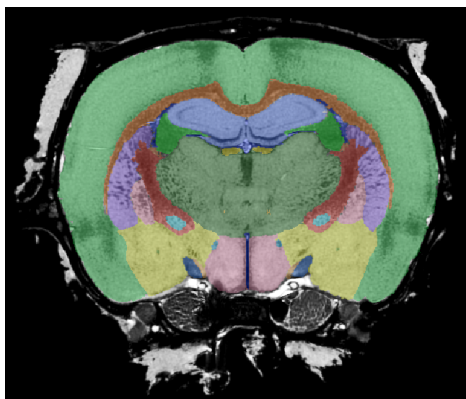


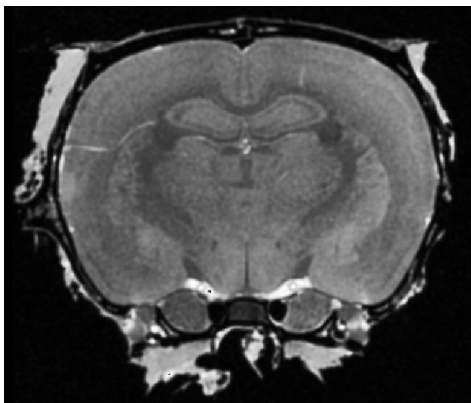
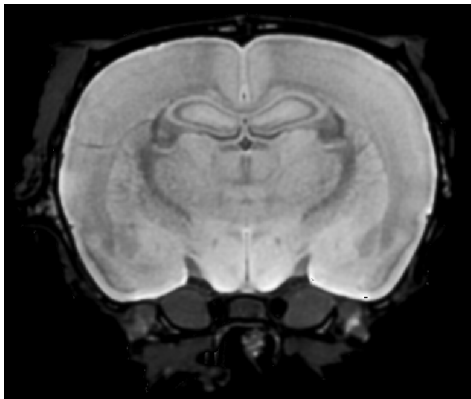

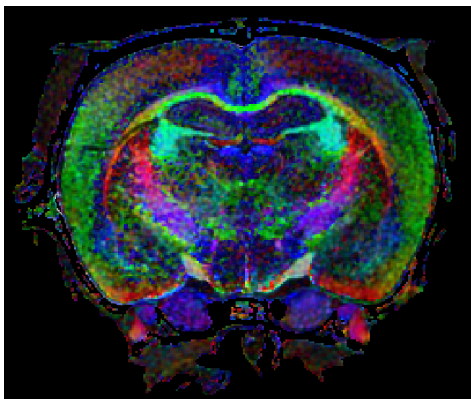


Waxholm Space atlas of the Sprague Dawley rat brain

List and description of shared atlas and template files

File name	Description	Preview
Volumetric atlas (1024x512x512 voxels)		
WHS_SD_rat_atlas_v1.nii.gz	Volumetric atlas of 76 anatomical structures	
WHS_SD_rat_atlas_v1.label	Label file for ITK-SnAP (.label)	
MBAT_WHS_SD_rat_atlas_v1.zip	MBAT-ready atlas with label (.ilf) and startup file (.atlas)	
MRI/DTI template		
WHS_SD_rat_T2star.nii.gz	Anatomical MRI, T ₂ *-weighted gradient echo image at 39 μm original resolution (1024x512x512 voxels)	
WHS_SD_rat_ADC.nii.gz	Apparent Diffusion Coefficient (ADC) map resampled to 39 μm resolution (1024x512x512 voxels). Also known as the "mean diffusivity" or "trace ADC" or "mean ADC"	

WHS_SD_rat_b0.nii.gz	<p>The DTI b0 image resampled to 39 μm resolution (1024x512x512 voxels). A T_2-weighted image acquired without any diffusion sensitizing gradients</p>	
WHS_SD_rat_DWI.nii.gz	<p>Diffusion weighted image map resampled to 39 μm resolution (1024x512x512 voxels). Mean diffusion weighted image, also referred to as the isotropic diffusion image</p>	
WHS_SD_rat_FA.nii.gz	<p>Fractional Anisotropy (FA) map resampled to 39 μm resolution (1024x512x512 voxels)</p>	
WHS_SD_rat_FA_color.nii.gz	<p>Color FA map resampled to 39 μm resolution (1024x512x512 voxels). Combines the FA and primary eigen vector to 24-bit color RGB where intensity is given by relative FA value and color is assigned to directions (RGB to xyz respectively)</p>	
WHS_SD_rat_DTI_512.zip	<p>All DTI volumes at original 78 μm resolution (512x512x256 voxels)</p>	

WHS_SD_rat_brainmask.nii.gz

A volumetric mask to hide non-brain image elements, resampled to 39 μm resolution (1024x512x512 voxels)

