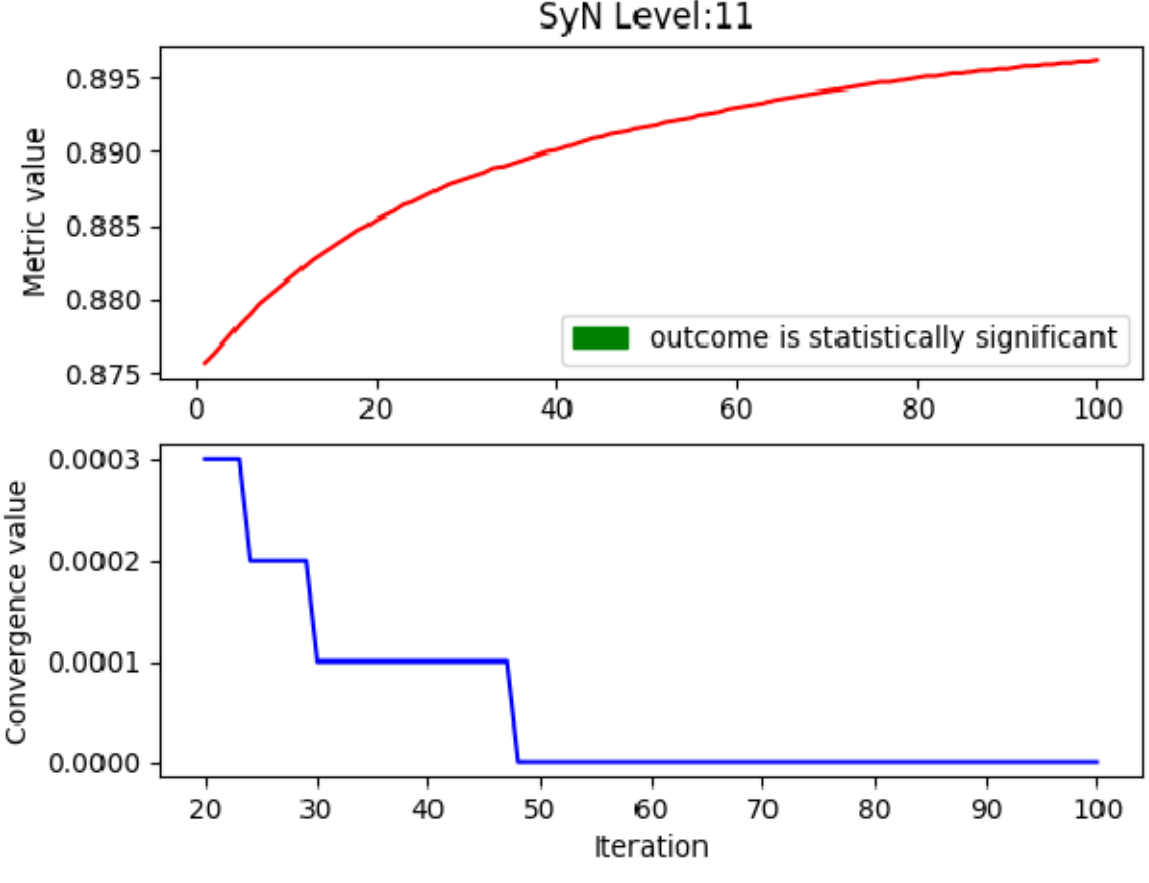
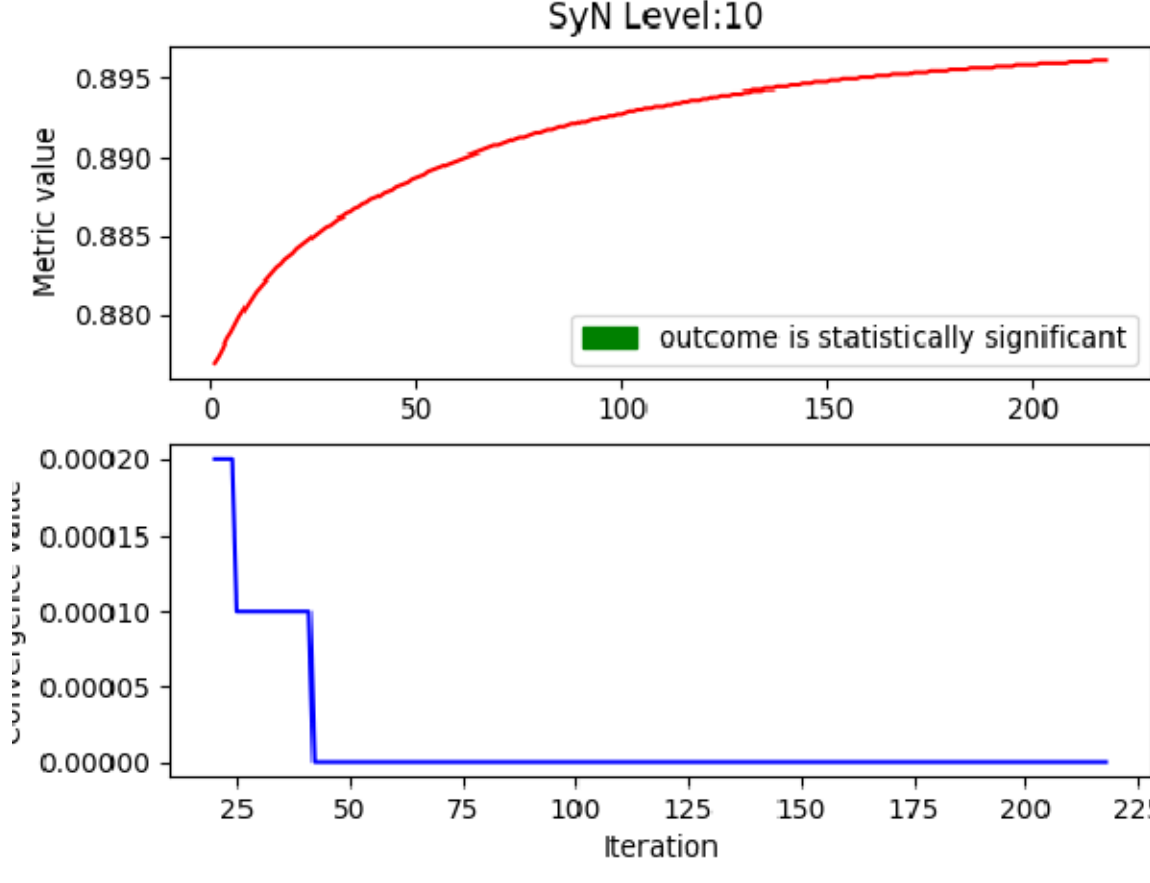
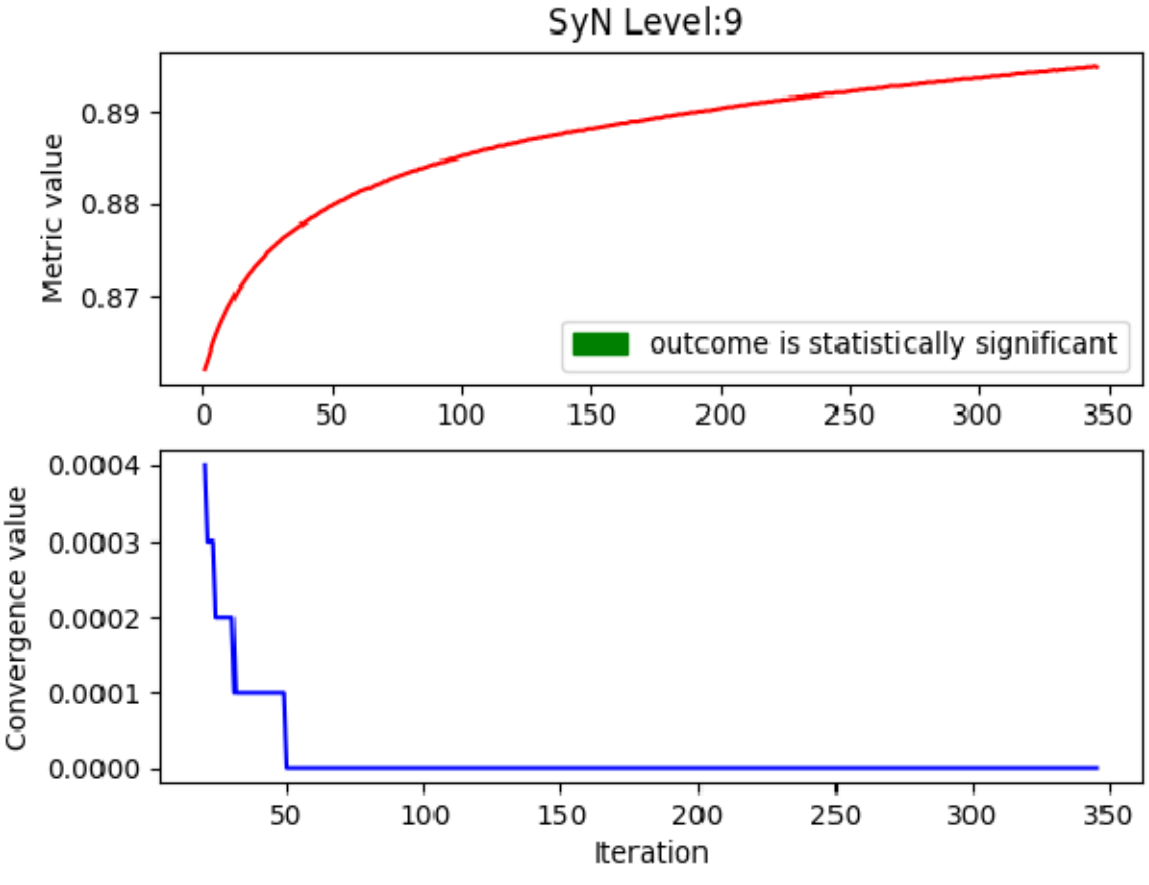
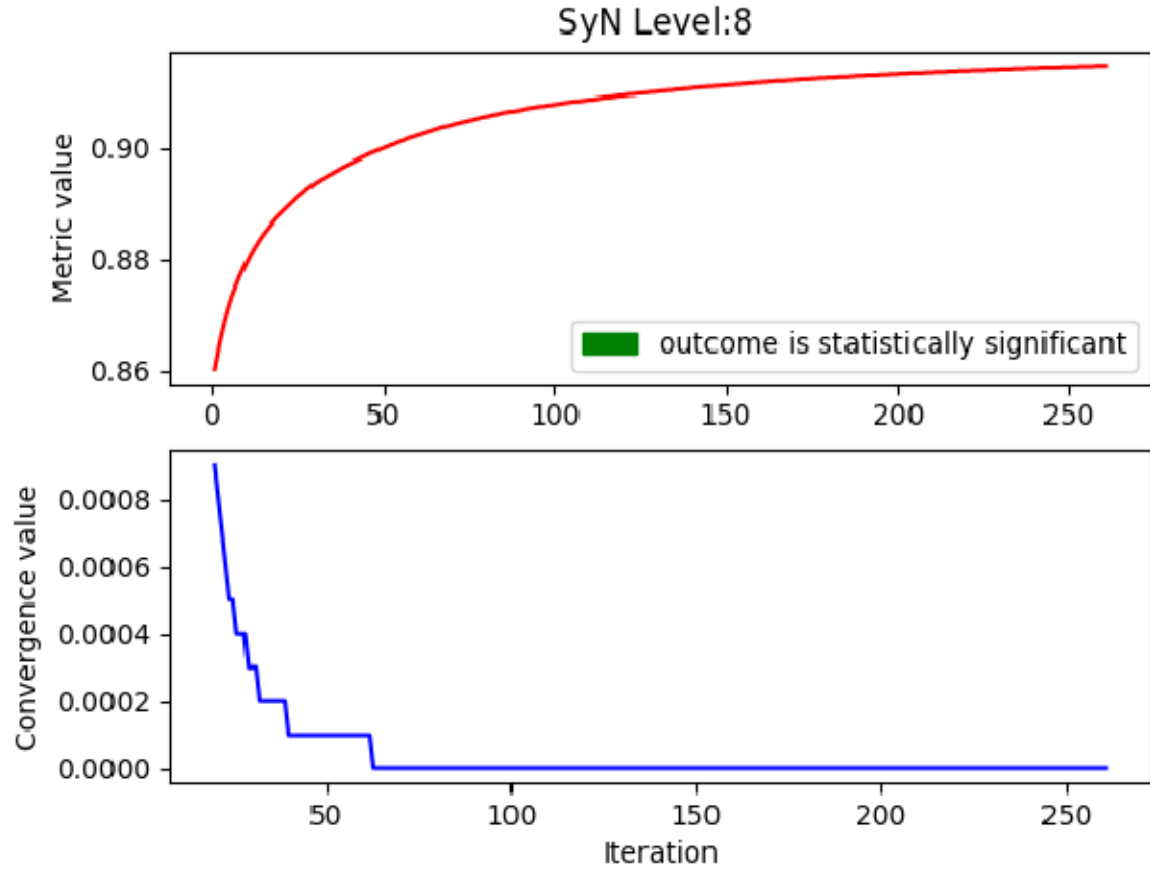
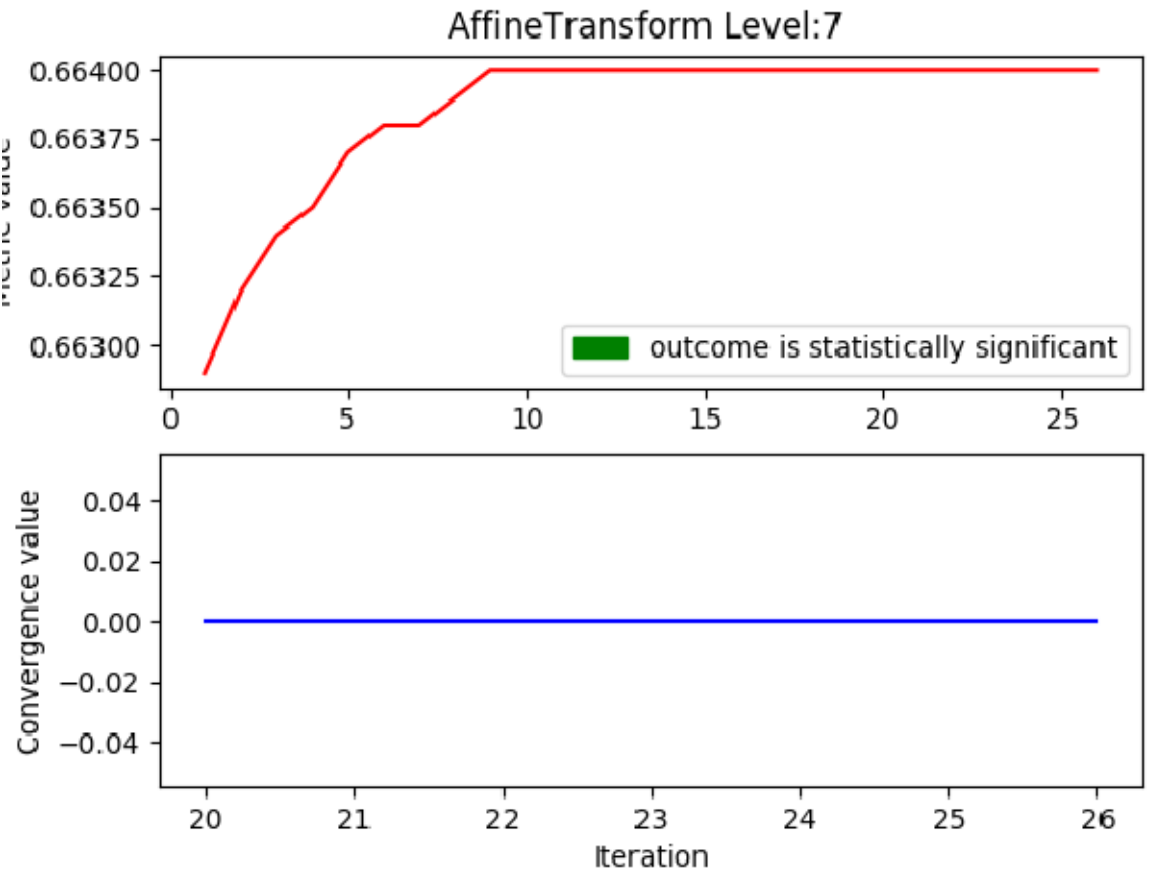
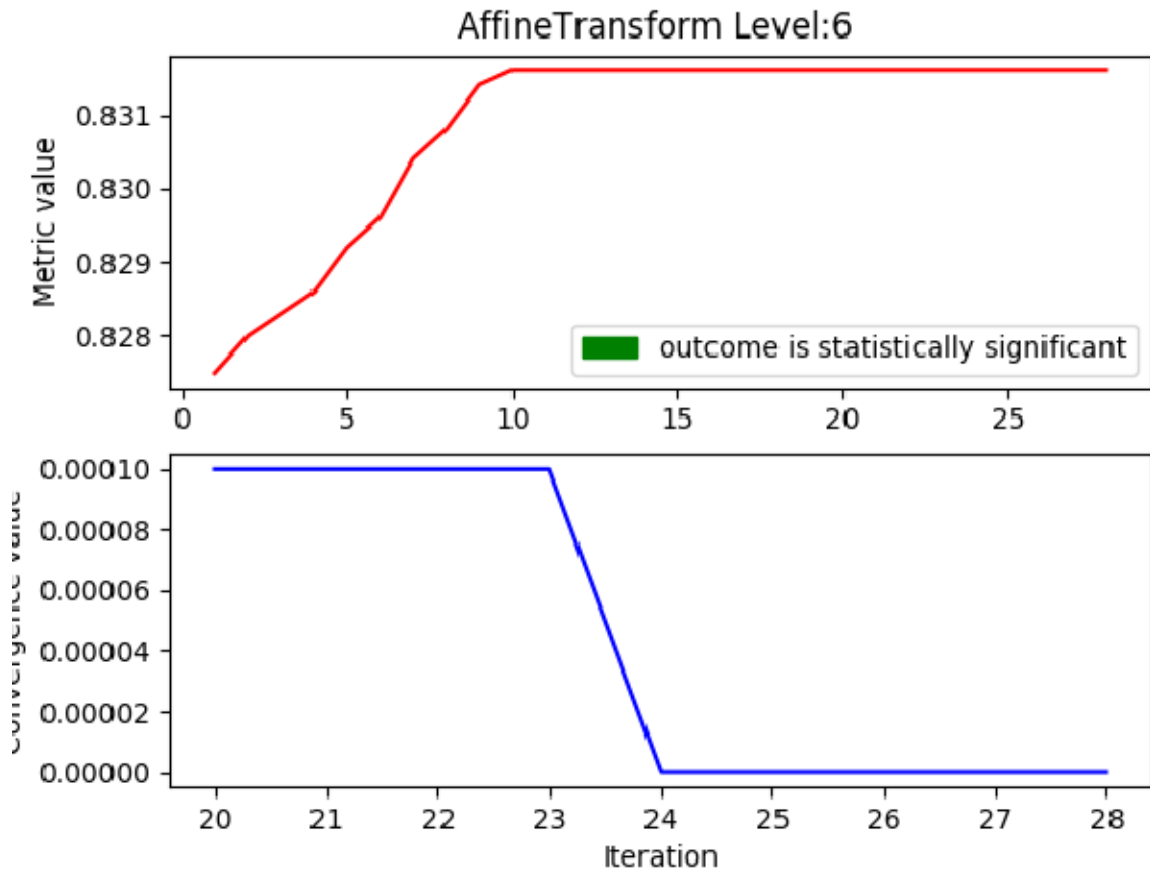
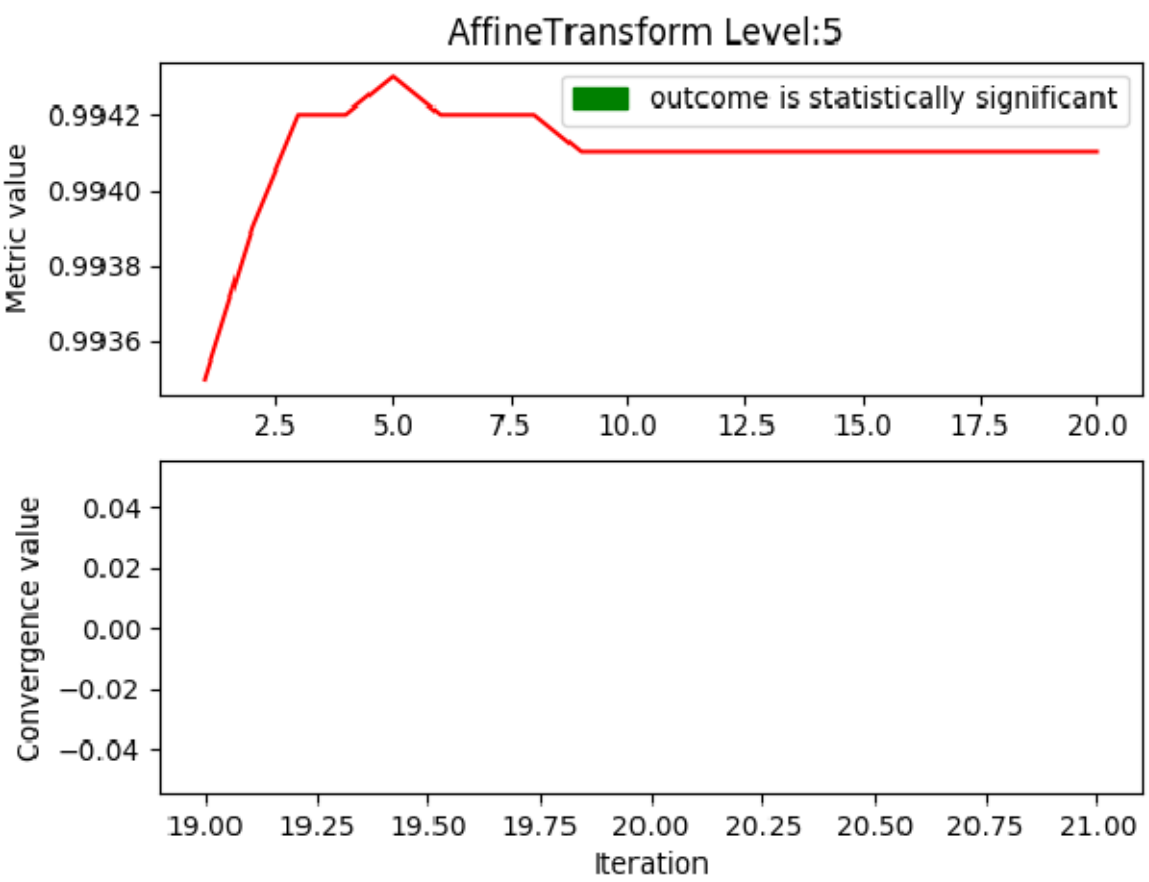
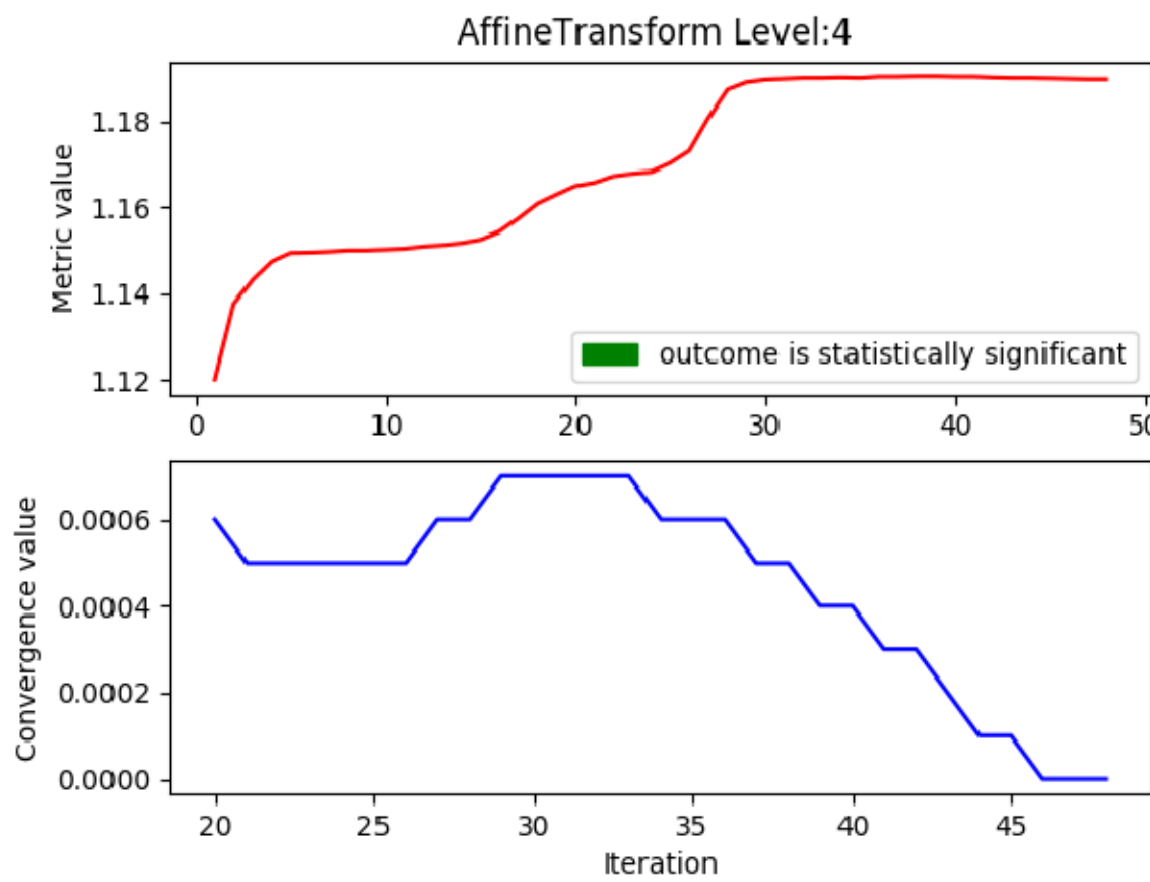
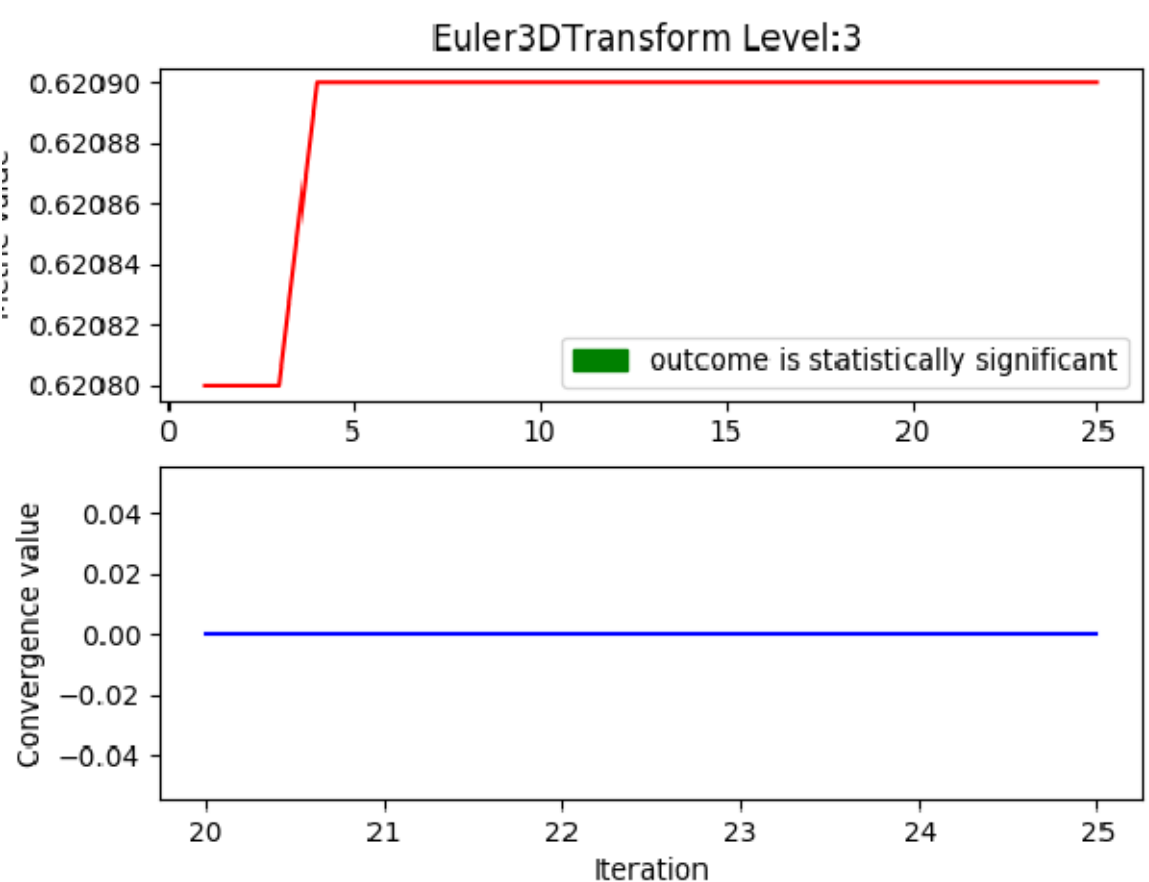
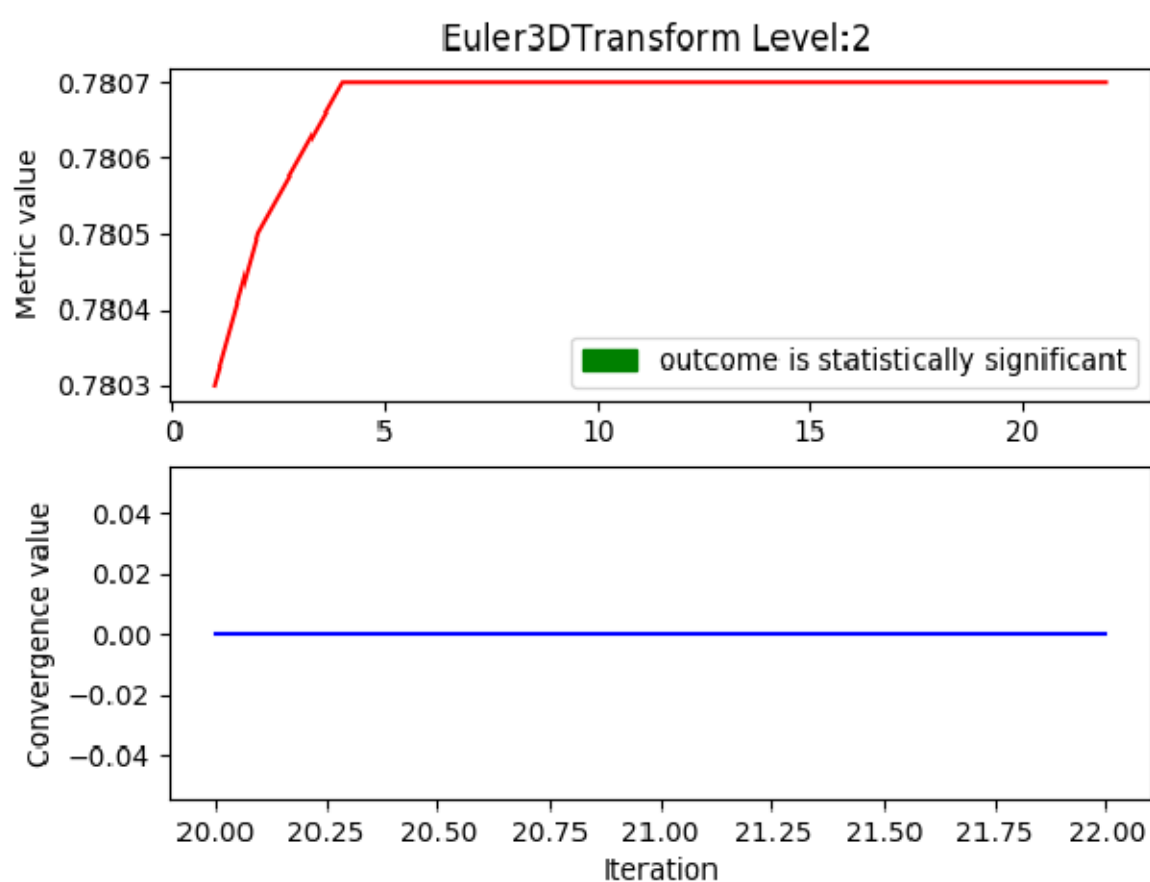
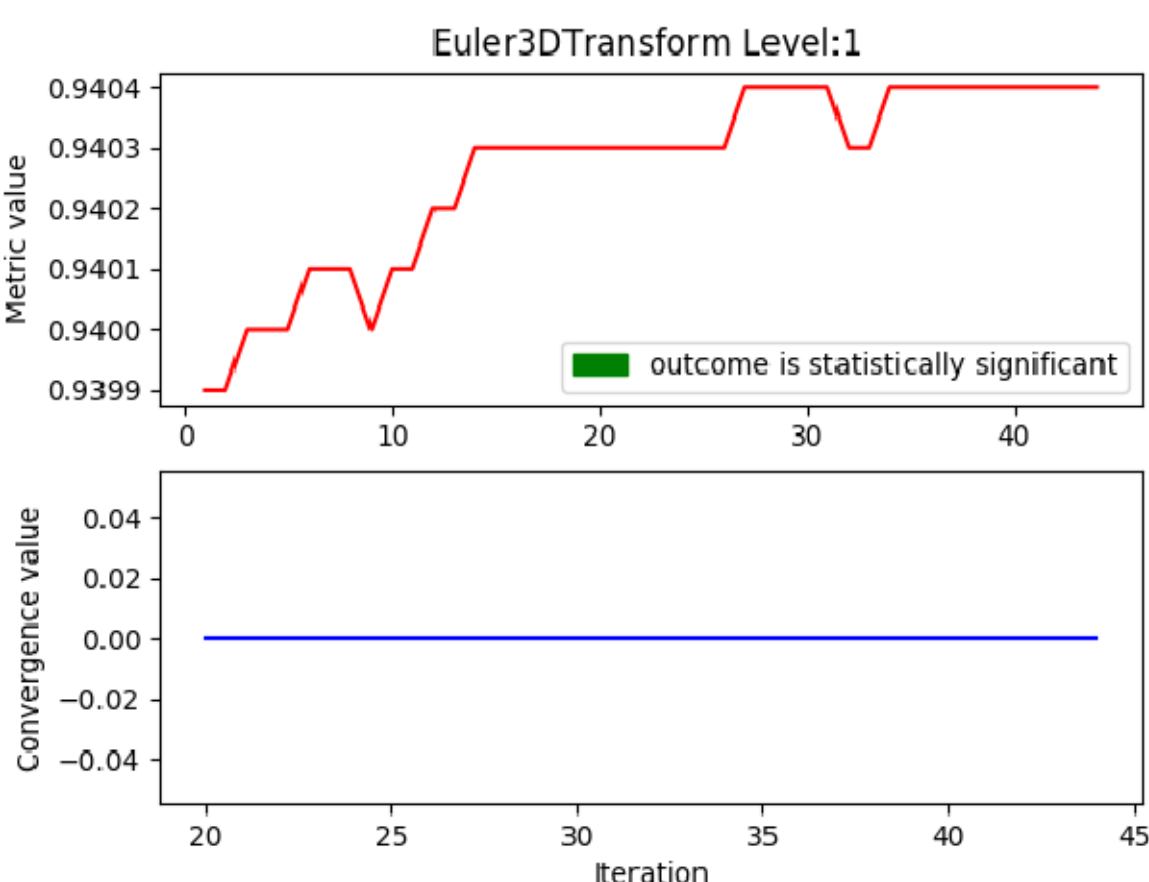
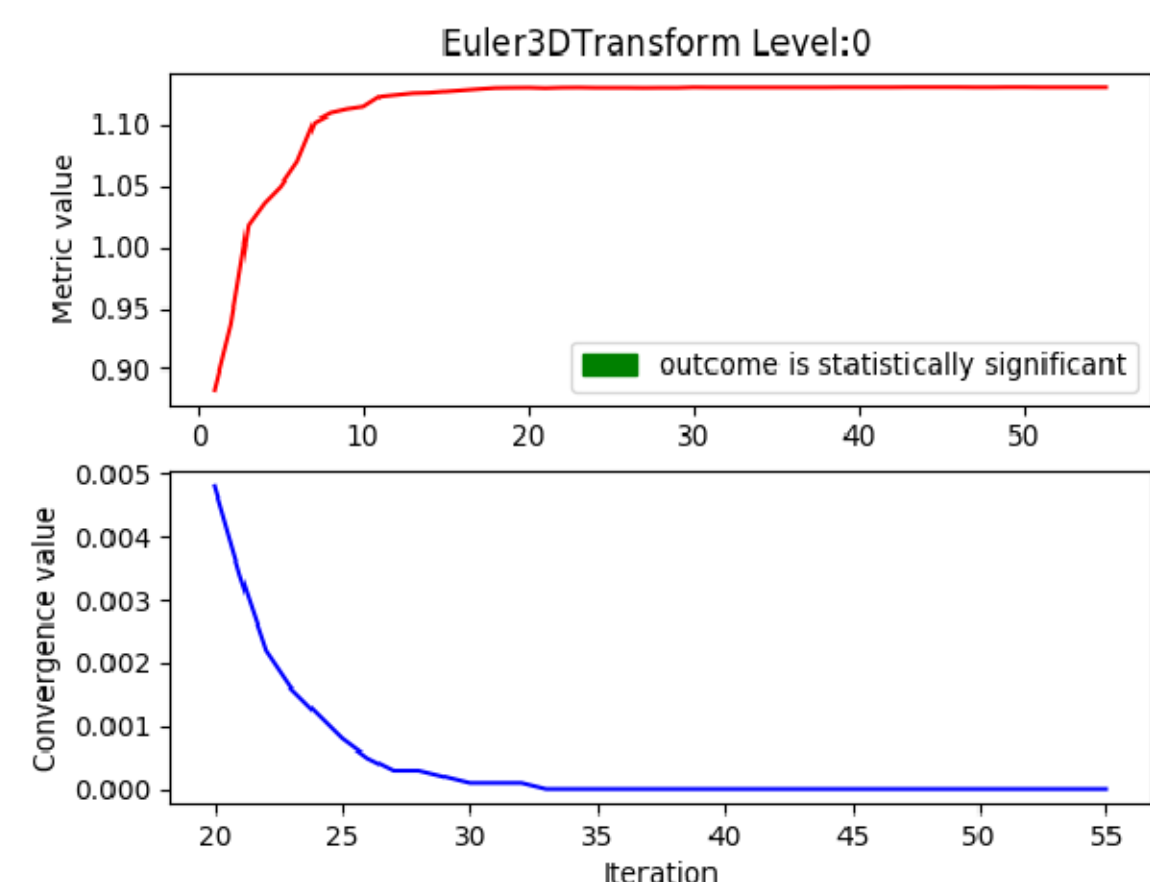


Volumes

Fixed: /research/sharedresources/cbi/data_exchange/zakhagrp/jeff/Atlases/A4_refined.nrrd

Move: /research/sharedresources/cbi/data_exchange/zakhagrp/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/BDH6230_brain.nrrd
volume size: 256, 256, 345

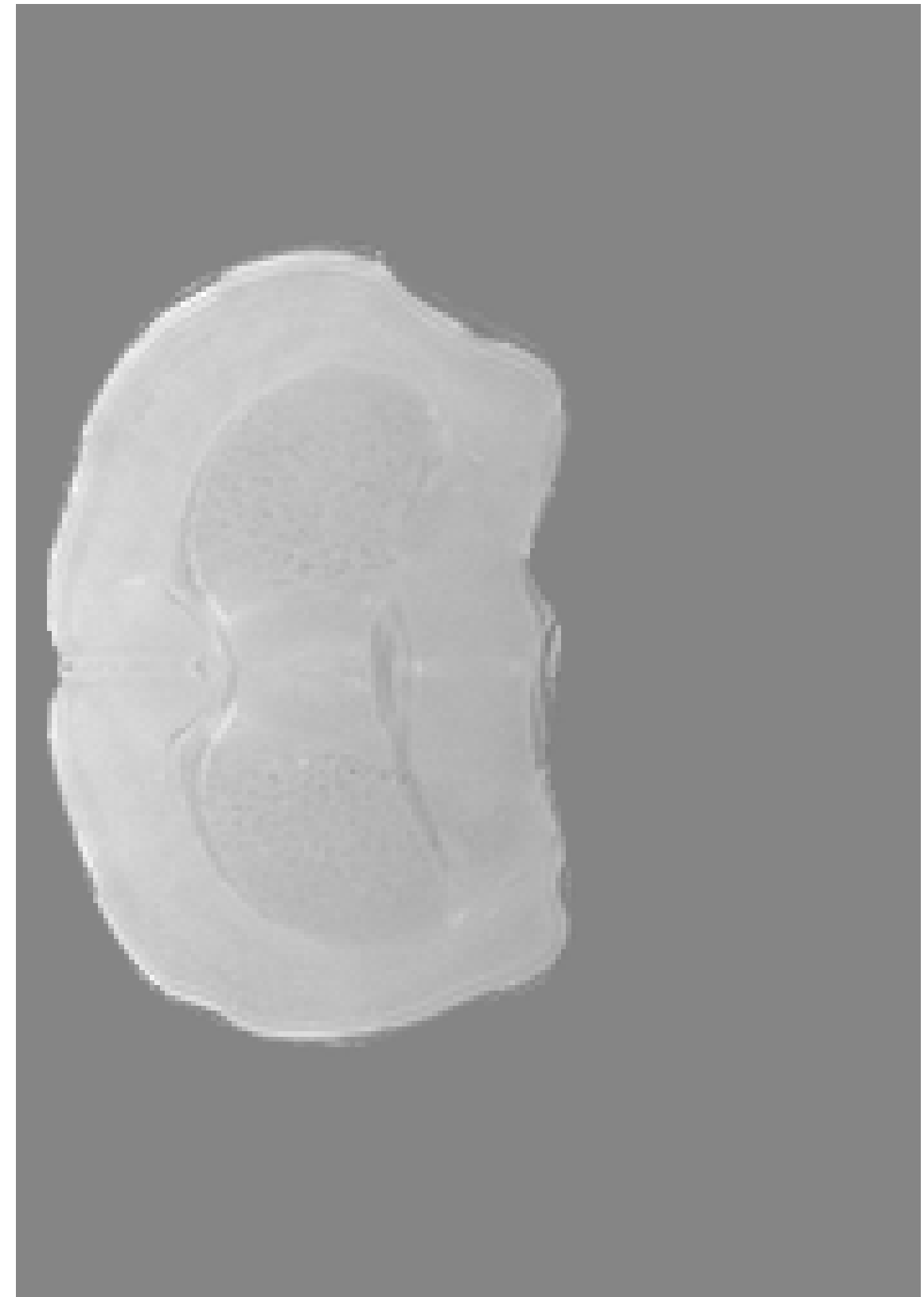
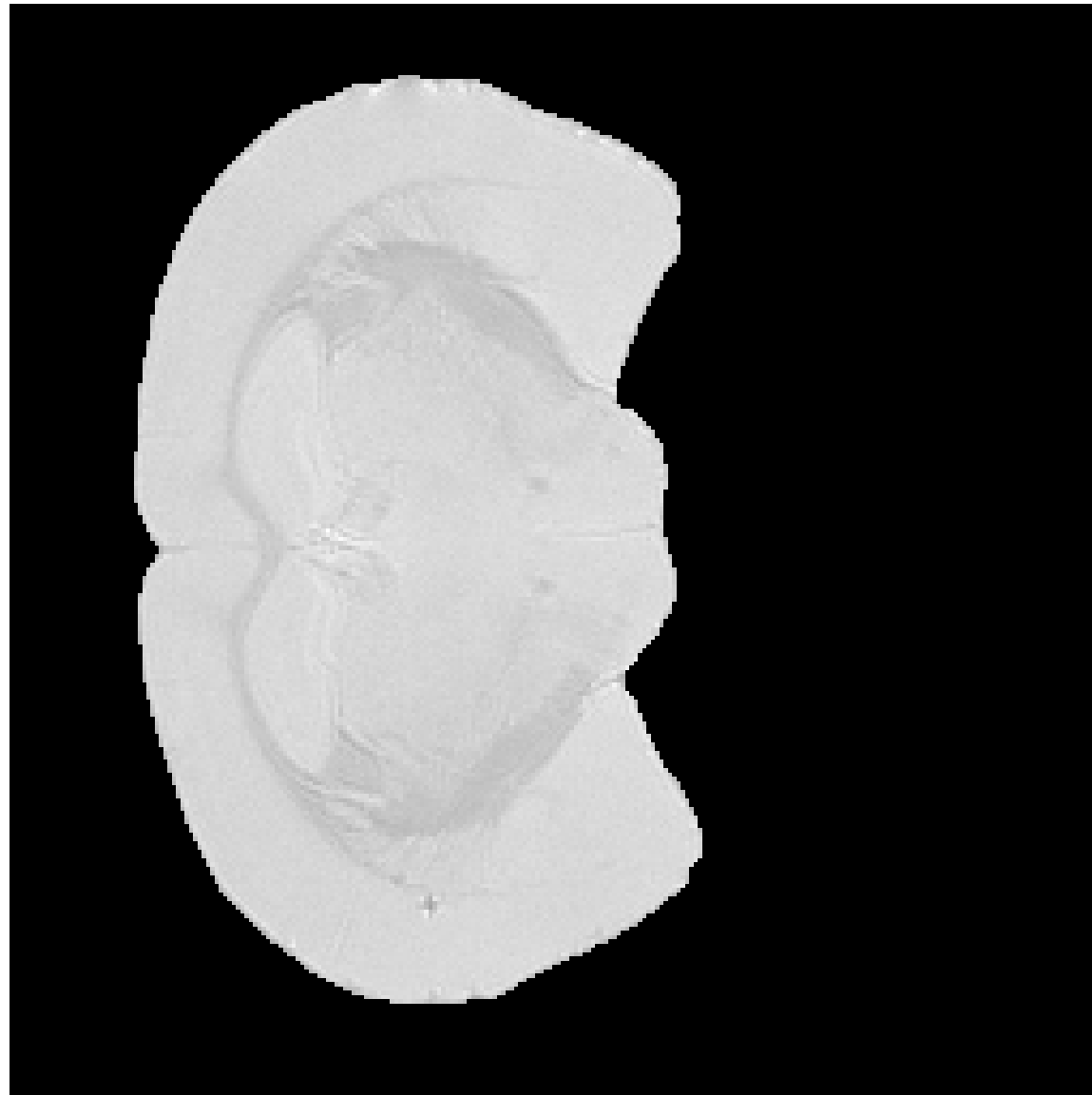
Elapsed time: stage#1: 1.0 min, stage#2: 1.0 min, stage#3: 176.0 min, Total: 178.0 min



Raw volume

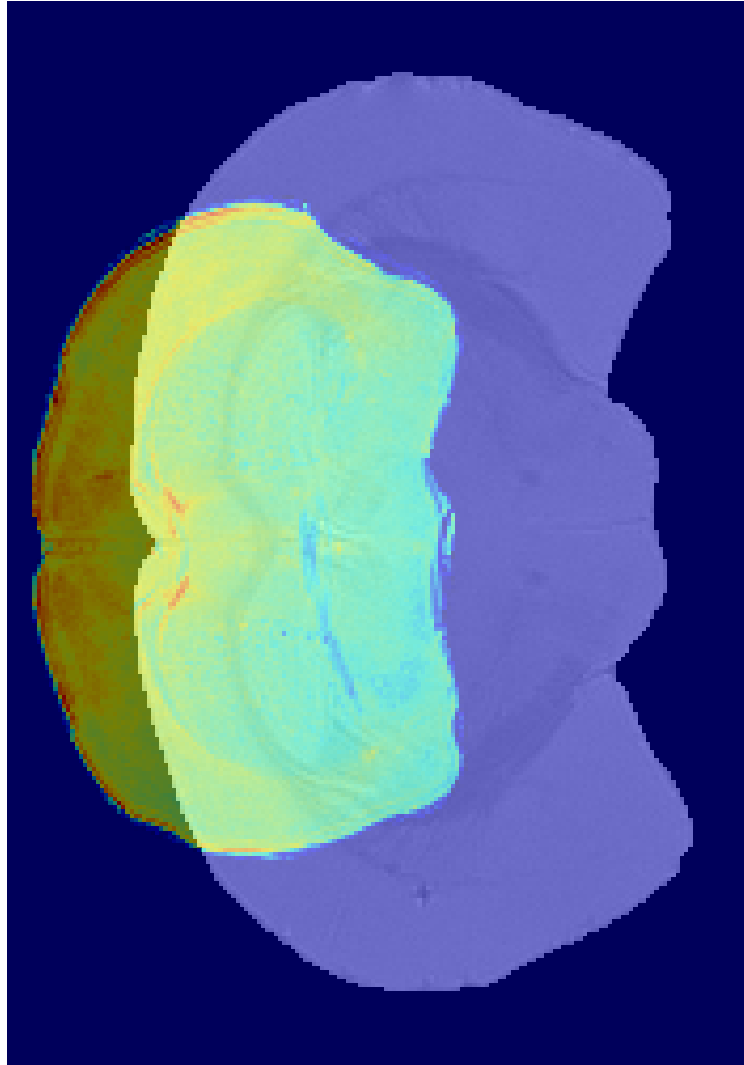
Movable

Fixed data

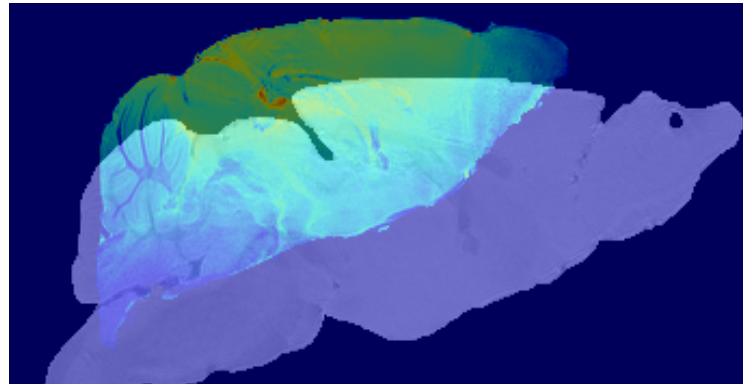


Composite before registration

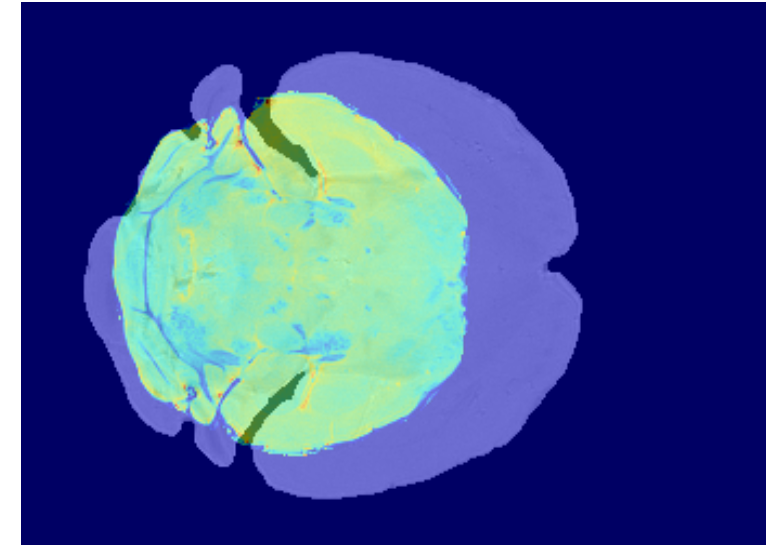
slice Z# 172 Plane-XY



slice X# 128 Plane-YZ

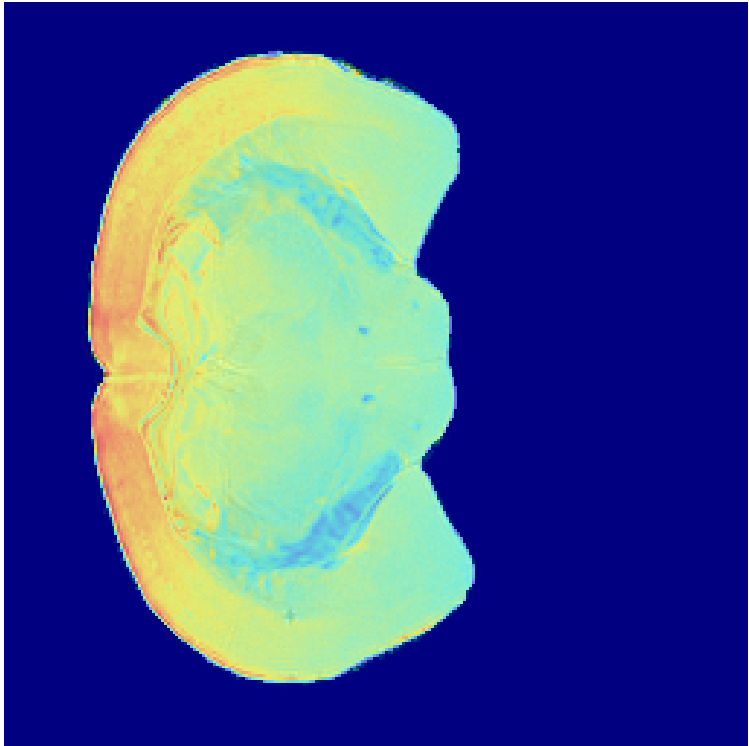


slice Y# 128 Plane-ZX

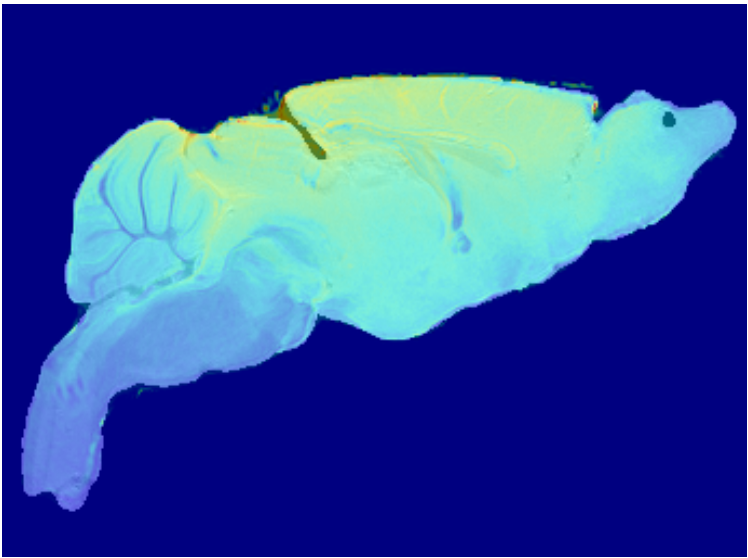


Composite after registration

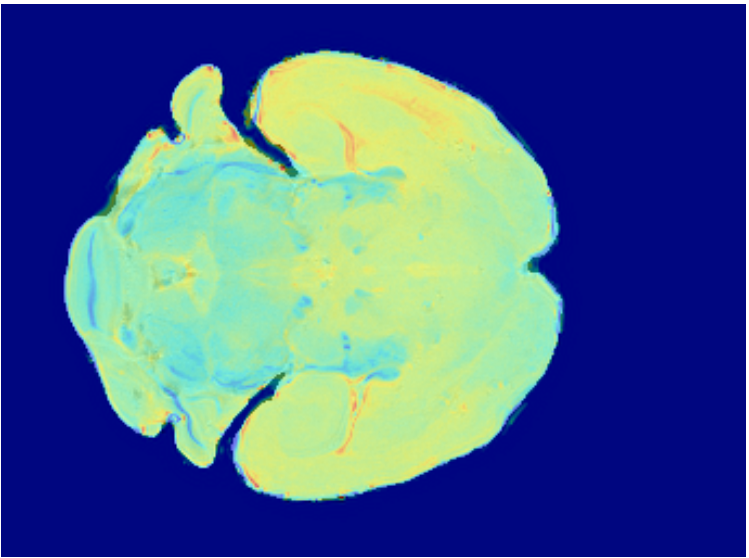
slice Z# 172 Plane-XY



slice X# 128 Plane-YZ



slice Y# 128 Plane-ZX



```
" --output [/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/out/reg_by_cbi_salam_SIMtoEM_1622219373_./research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/out/reg_by_cbi_salam_SIMtoEM_1622219373_Warped.nii.gz,/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/out/reg_by_cbi_salam_SIMtoEM_1622219373_InverseWarped.nii.gz] --verbose 1 --dimensionality 3 --float 0 --collapse-output-transforms 1 --interpolation BSpline[3] --use-histogram-matching 1 --winsorize-image-intensities [0.005,0.995] --initial-moving-transformation [/research/sharedresources/cbi/data_exchange/zakhagr/Jeff/Atlases/A4_refined.nrrd,/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/BDH6230_brain.nrrd,1] --transform Rigid[0.1] --metric MI[/research/sharedresources/cbi/data_exchange/zakhagr/Jeff/Atlases/A4_refined.nrrd,/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/BDH6230_brain.nrrd,1,64,Regular,0.25] --convergence [1000x500x250x100,1e-6,20] --shrink-factors 8x4x2x1 --smoothing-sigmas 8x6x4x2vox --transform Affine[0.1] --metric Mattes[/research/sharedresources/cbi/data_exchange/zakhagr/Jeff/Atlases/A4_refined.nrrd,/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/BDH6230_brain.nrrd,1,64,Regular,0.25] --convergence [1000x500x250x100,1e-6,20] --shrink-factors 8x4x2x1 --smoothing-sigmas 8x6x4x2vox --transform Syn[0.1,3,0] --metric CC[/research/sharedresources/cbi/data_exchange/zakhagr/Jeff/Atlases/A4_refined.nrrd,/research/sharedresources/cbi/data_exchange/zakhagr/shahinur/ex_vivo_whole_brain/first_phase_anno_ex/annotation_high_res_v1/registered/BDH6230/BDH6230_brain.nrrd,1,4] --convergence [1000x500x250x100,1e-6,20] --shrink-factors 8x4x2x1 --smoothing-sigmas 8x6x4x2vox"
```