# Supplementary material

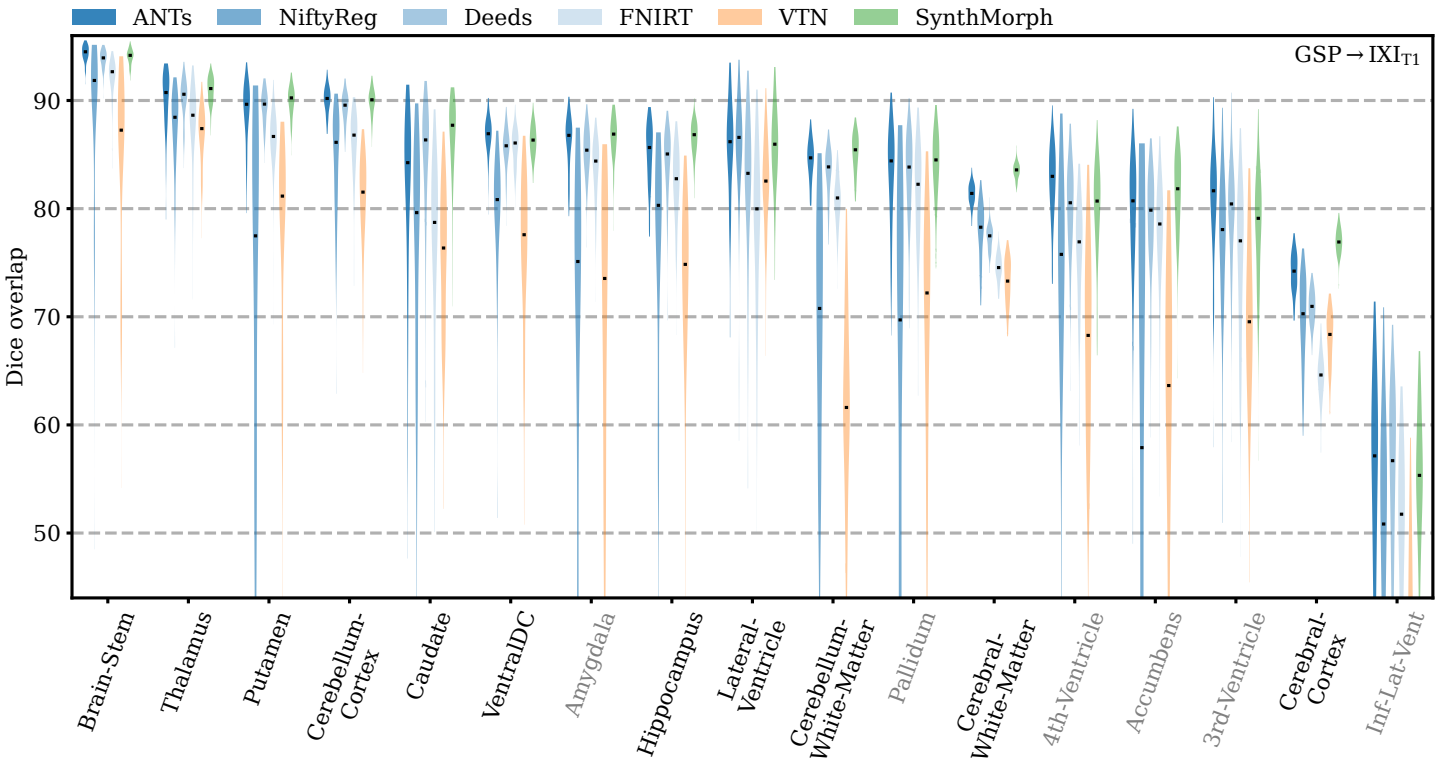


**Figure S1.** Deformable 3D registration accuracy per structure across testset GSP→IXI$_{T1}$ after affine initialization with NiftyReg. We left-right average bilateral brain regions. SynthMorph training did not optimize the overlap of structures shown in gray.

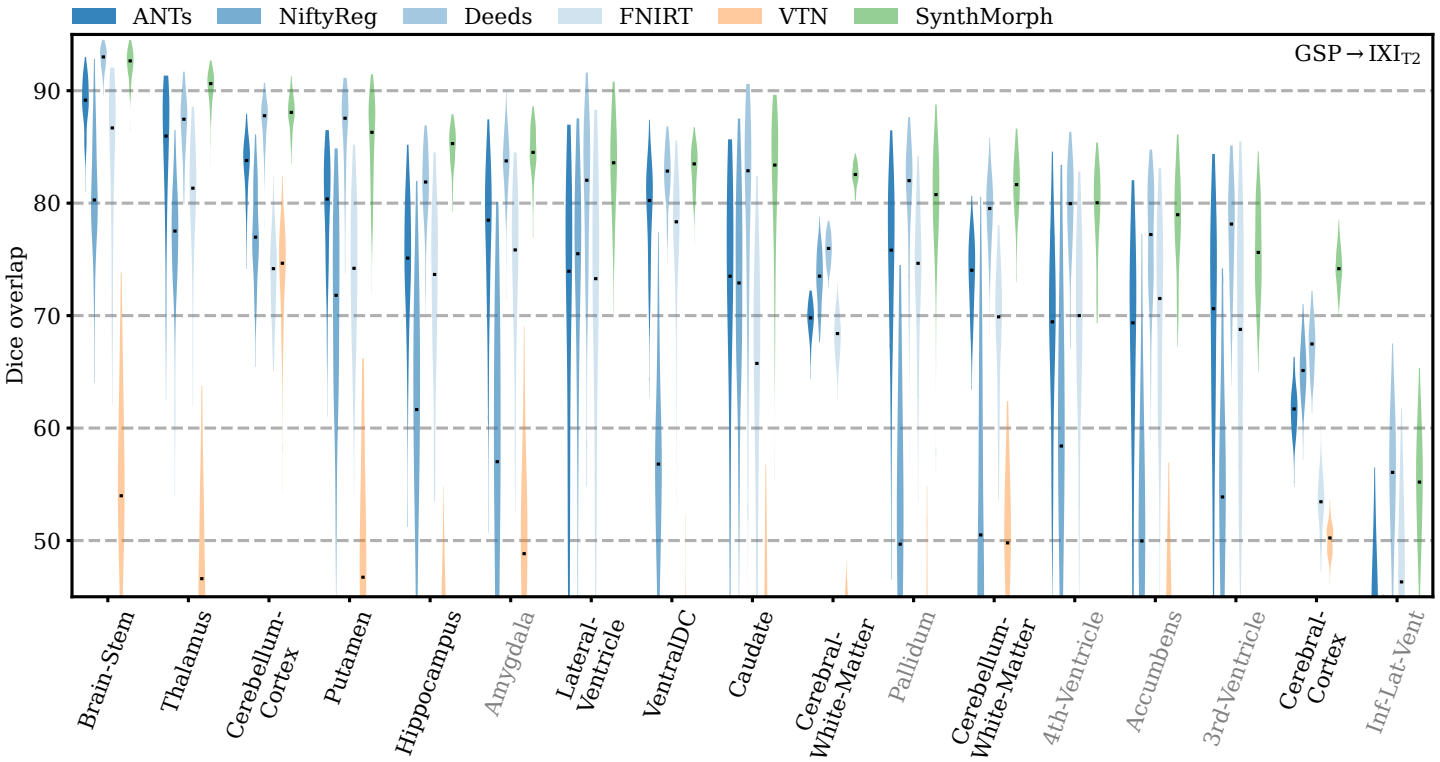


**Figure S2.** Deformable 3D registration accuracy per structure across testset GSP→IXI$_{T2}$ after affine initialization with NiftyReg. We left-right average bilateral brain regions. SynthMorph training did not optimize the overlap of structures shown in gray.

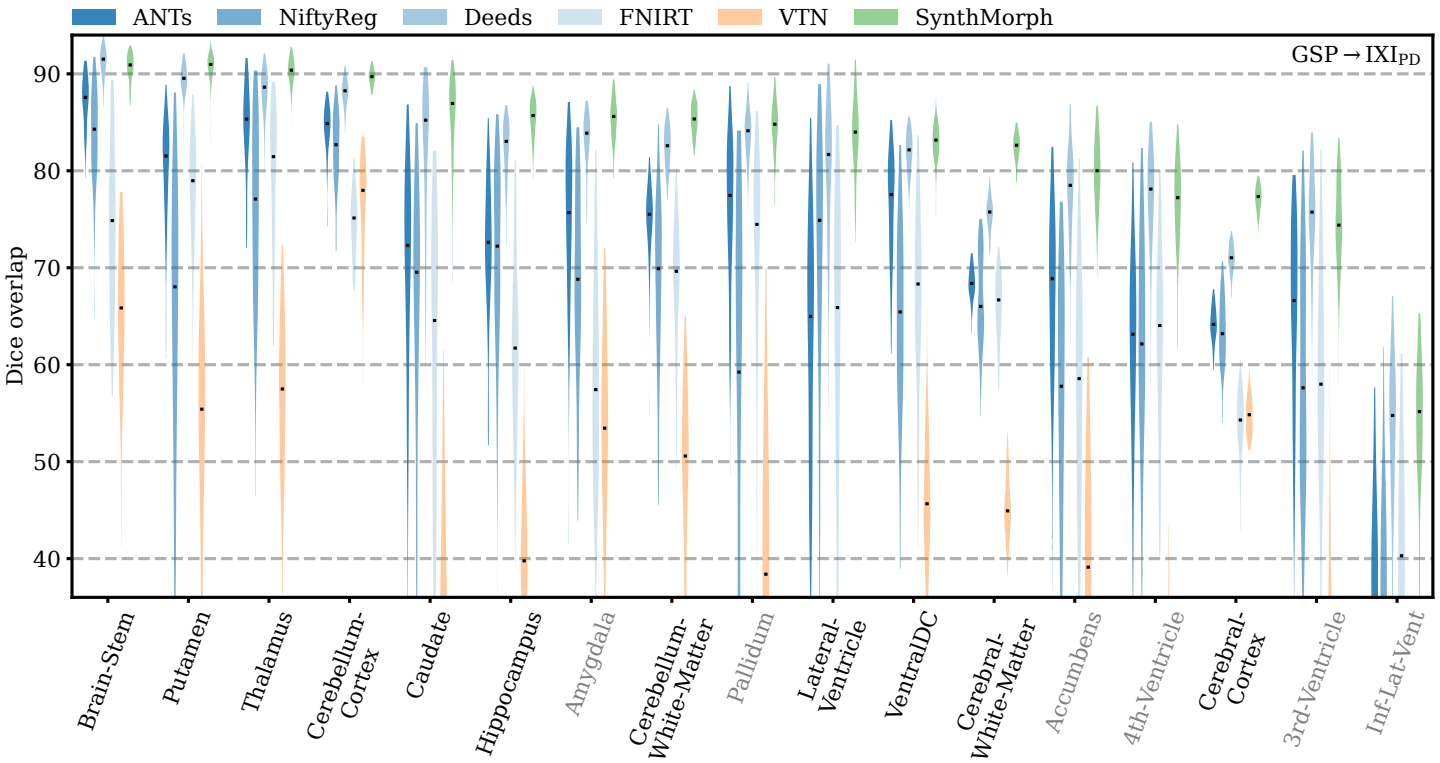


**Figure S3.** Deformable 3D registration accuracy per structure across testset GSP→IXI$_{PD}$ after affine initialization with NiftyReg. We left-right average bilateral brain regions. SynthMorph training did not optimize the overlap of structures shown in gray.

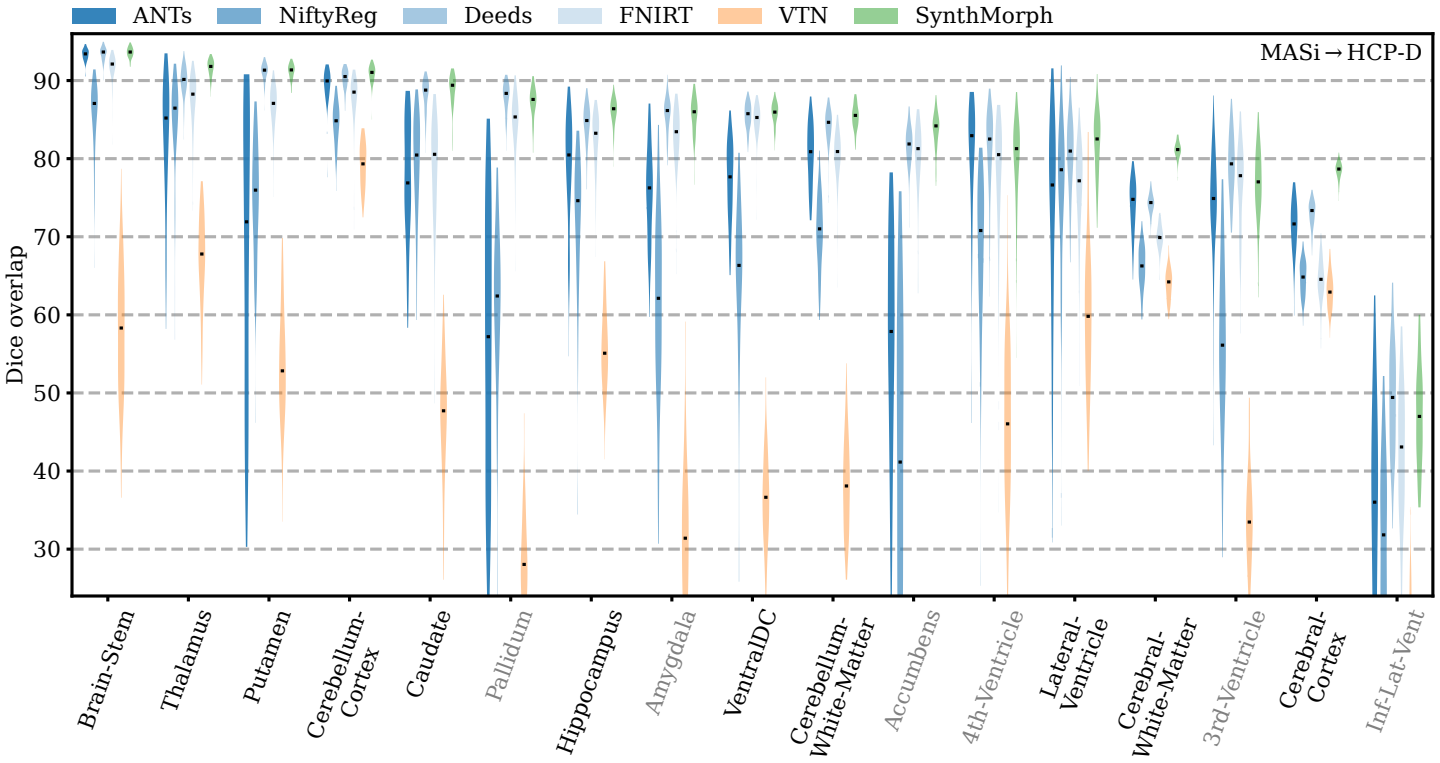


**Figure S4.** Deformable 3D registration accuracy per structure across testset MASi→HCP-D after affine initialization with NiftyReg. We left-right average bilateral brain regions. SynthMorph training did not optimize the overlap of structures shown in gray.

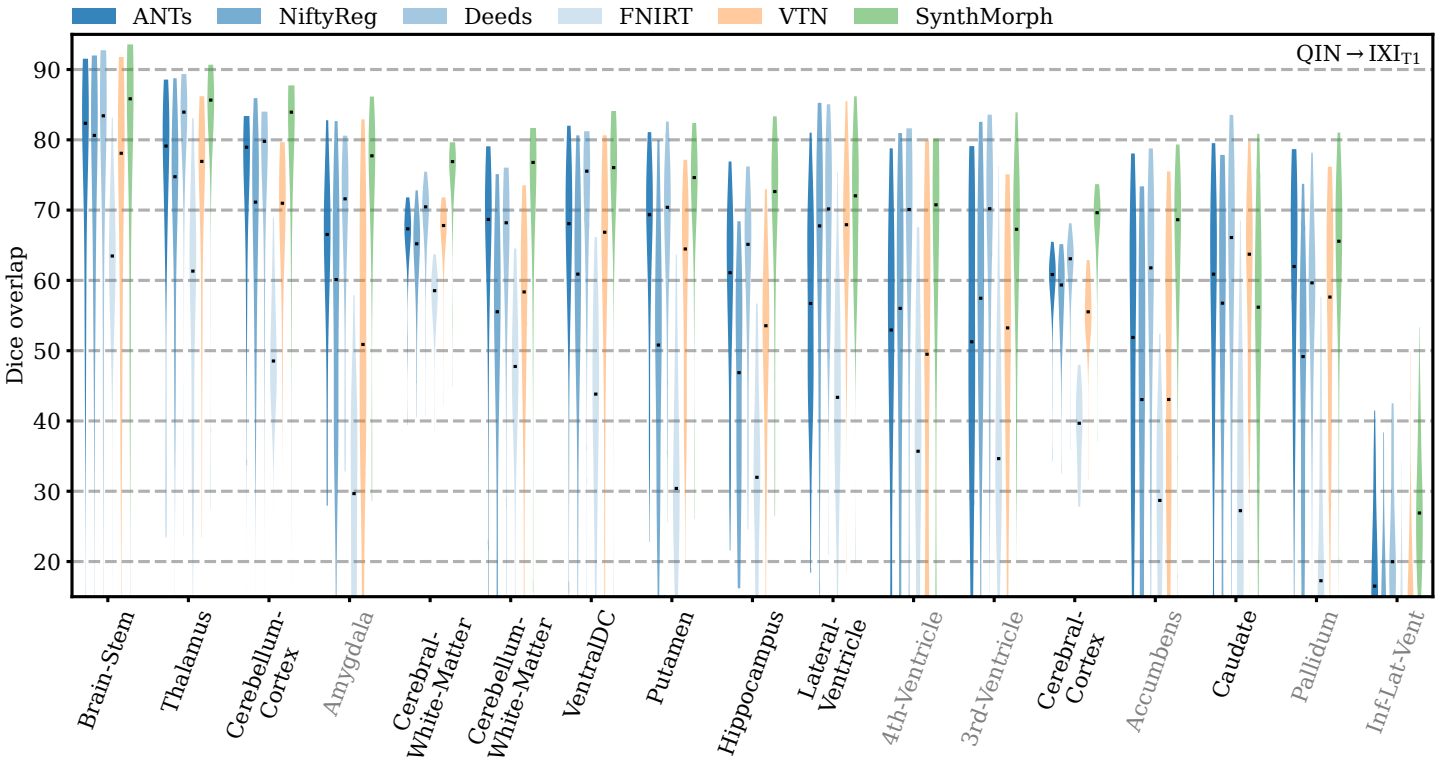


**Figure S5.** Deformable 3D registration accuracy per structure across testset QIN→IXI$_{T1}$ after affine initialization with NiftyReg. We left-right average bilateral brain regions. SynthMorph training did not optimize the overlap of structures shown in gray.