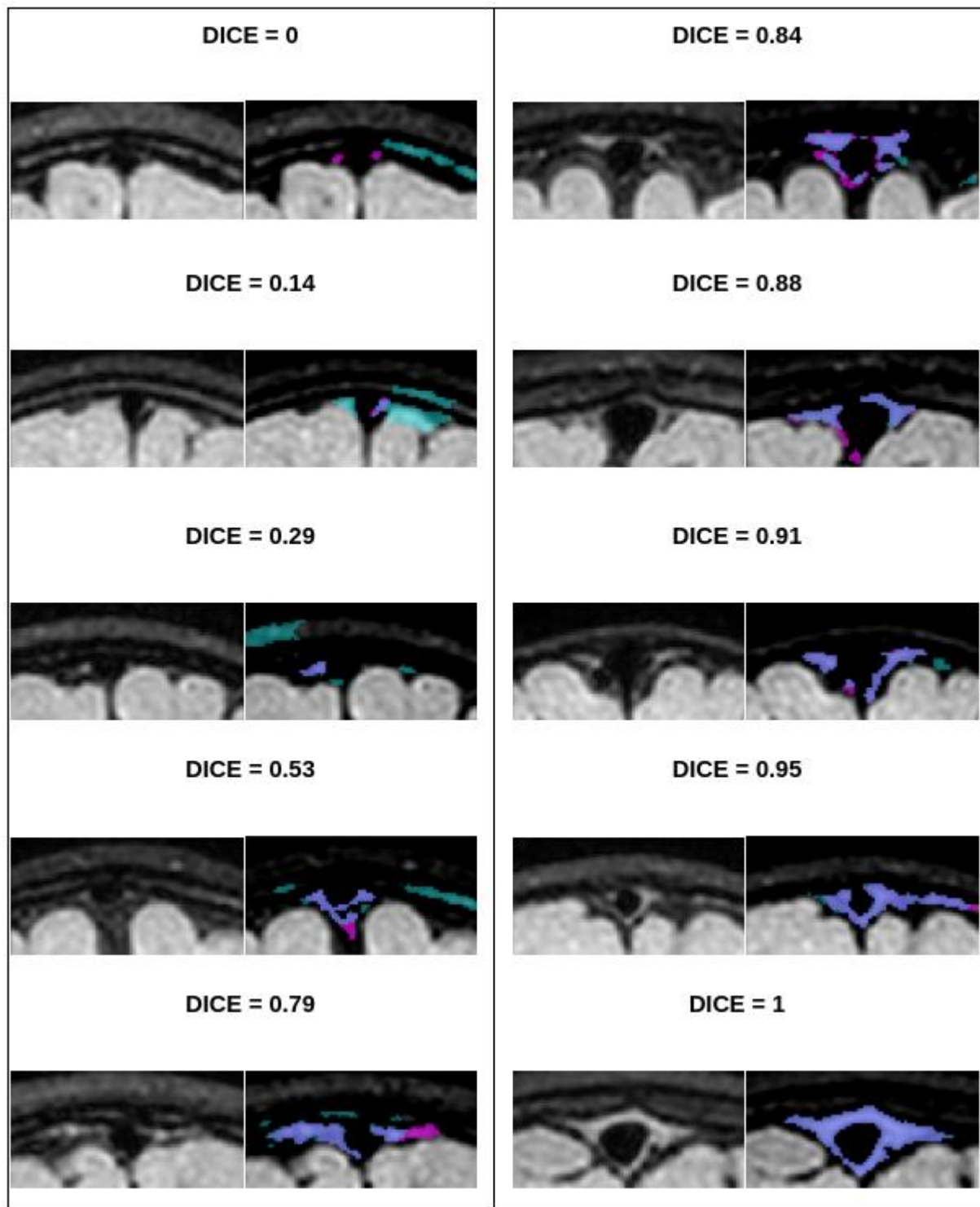


Supplementary Materials



 Automatic segmentation  Manual segmentation  Automatic and manual segmentation

Fig. S1: The above images illustrate automatic segmentation masks of PSD overlapped with manually corrected masks from ten randomly selected images from the entire cohort. Each example shows cropped FLAIR images on the left side, while on the right side, FLAIR images are displayed overlapped with both manual and automatic segmentations. Additionally, the DICE-score corresponding to each example is presented.

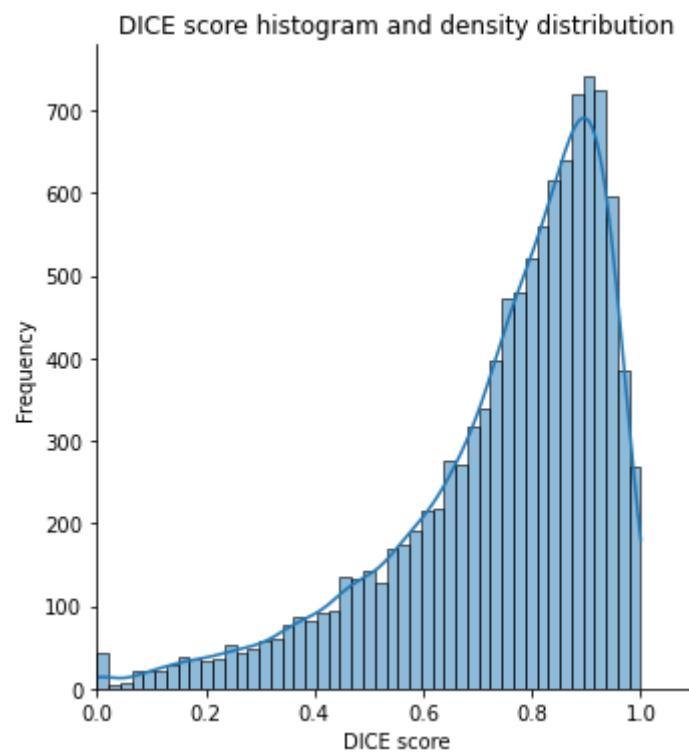


Fig. S2: The graph illustrates the histogram and density distribution of DICE-scores, comparing the manually corrected segmentation of PSD as the ground truth with automatic segmentation of PSD across 56 children with ASD.