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Supplementary Material

A Region-Based Residual-Encoder nnU-Net Ensemble for Brain Metastasis Segmentation (BraTS 2026, Task 1)

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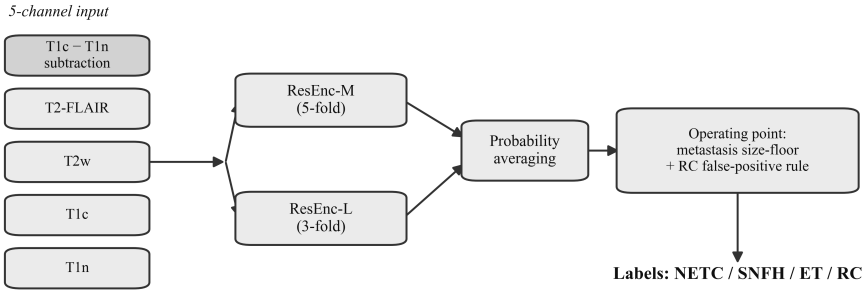


Fig. S1. Overview of the pipeline. Five input channels, including a matched-normalization T1c minus T1n subtraction channel, are processed by a five-fold ResEnc-M and a three-fold ResEnc-L. Their softmax outputs are averaged and passed through the operating point, a metastasis size-floor together with a resection-cavity false-positive rule, to produce the final labels. Referenced in Section 1 of the main text.

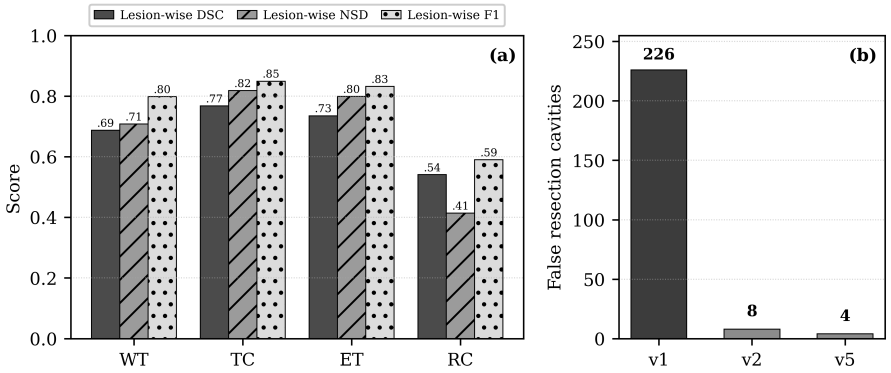


Fig. S2. (a) Lesion-wise Dice, NSD, and F1 of the final ensemble by region on the validation set (n = 179); these are the values tabulated in Table 2 of the main text. (b) Resection-cavity false-positive count across submissions; the size-floor rule reduces false cavities from 226 to 4. Referenced in Section 4 of the main text.