—Supplementary Materials— BSDA-Net: A Boundary Shape and Distance Aware Joint Learning Framework for Segmenting and Classifying OCTA Images

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Table A1. BSDA-Net's classification results on OCTA-500.

	Precision	Recall	F1-score	Support
Normal	95.31	97.21	96.25	251
DR	94.92	87.50	91.06	64
AMD	87.76	87.76	87.76	49
Macro avg	92.66	90.82	91.69	
Weight avg	94.23	94.23	94.20	364
Accuracy	94.23	**Kappa**	87.68	

Table A2. BSDA-Net's classification results on OCTAGON.

	Precision	Recall	F1-score	Support
Normal	99.31	100	99.65	144
DR	100	98.55	99.27	69
Macro avg	99.66	99.28	99.46	
Weight avg	99.53	99.53	99.53	213
Accuracy	99.53	**Kappa**	98.92	

Table A3. BSDA-Net's classification results on FAZID.

	Precision	Recall	F1-score	Support
Normal	74.39	69.32	71.77	88
Diabetic	92.93	85.98	89.32	107
Myopic	79.68	89.91	84.48	109
Macro avg	82.33	81.74	81.86	
Weight avg	82.81	82.57	82.50	304
Accuracy	82.57	**Kappa**	73.67	

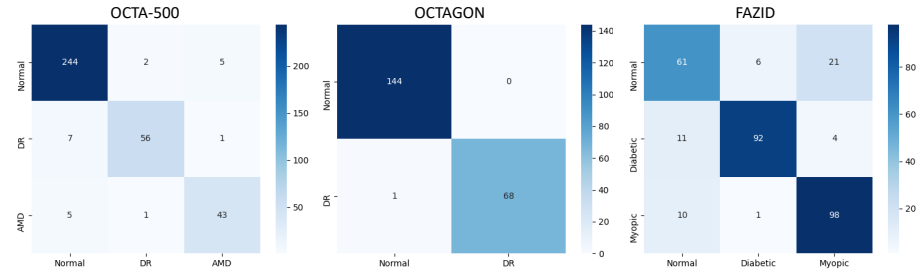

Fig. A1. Classification confusion matrixes of BSDA-Net on the three datasets.

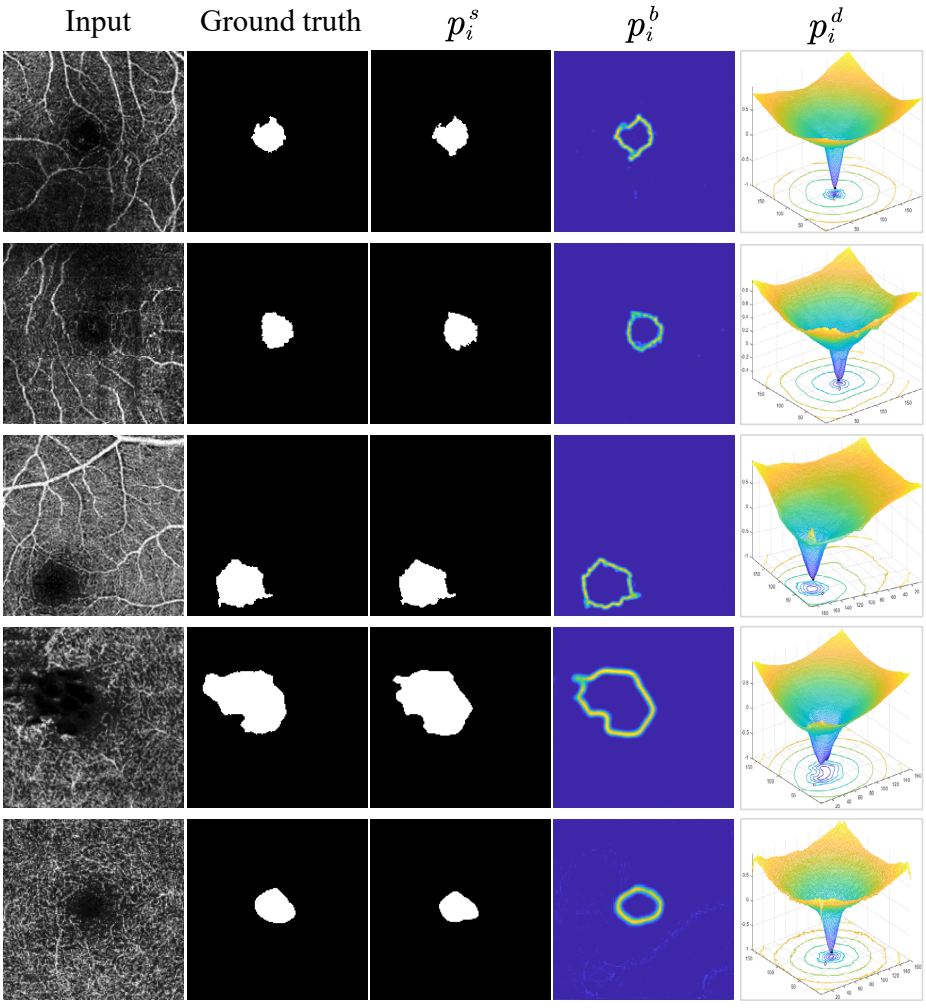

Fig. A2. Visualization results. Representative segmentation predictions p_i^s, regressed soft boundary p_i^b, and reconstructed SDM p_i^d from BSDA-Net. Zoom-in for details.