

Supp. Table S3: Layer-wise evaluation results on OCT-A data: non-smokers vs. heavy smokers (cumulative pack count ≥ 2,500)

Layer	Mean TP	Mean FN	Mean FP	Mean TN	Mean TPR	Mean FPR	Mean Accuracy
Full	11.15	16.85	22.3	29.7	39.82%±7.51%	42.88%±4.75%	51.06%±4.11%
Vitreoretinal Interface	18.6	9.4	21.05	30.95	66.43%±6.53%	40.48%±4.57%	61.94%±3.15%
Retina	9.15	18.85	24.35	27.65	32.68%±6.42%	46.83%±5.41%	46.00%±4.14%
SVC	10.1	17.9	18.2	33.8	36.07%±7.40%	35.00%±4.62%	54.87%±4.14%
NFLVP	14.25	13.75	18.55	33.45	50.89%±6.48%	35.67%±4.73%	59.63%±3.01%
SVP	9.7	18.3	17.6	34.4	34.64%±9.18%	33.85%±4.65%	55.12%±4.16%
DVC	11.8	16.2	18.25	33.75	42.14%±6.74%	35.10%±3.84%	56.94%±3.70%
ICP	6.1	21.9	21.85	30.15	21.79%±7.04%	42.02%±6.03%	45.31%±5.12%
DCP	14.25	13.75	14.05	37.95	50.89%±7.73%	27.02%±4.01%	65.25%±3.48%
Avascular Complex	13.35	14.65	18.05	33.95	47.68%±6.51%	34.71%±3.41%	59.13%±2.41%
CC	9.6	18.4	22.55	29.45	34.29%±5.80%	43.37%±3.77%	48.81%±3.17%
Choroid	10.4	17.6	16.35	35.65	37.14%±6.33%	31.44%±4.05%	57.56%±4.43%
HL	9.6	18.4	24.3	27.7	34.29%±5.46%	46.73%±5.44%	46.62%±4.35%
ILMtoBM	16.5	11.5	18.65	33.35	58.93%±4.72%	35.87%±5.21%	62.31%±3.86%
SL	12	16	21.95	30.05	42.86%±6.39%	42.21%±4.92%	52.56%±4.32%

Full: all layers, SVC: supeficial vasular complex, NVLVP: nerve fiber layer vascular plexus, SVP: superficial vascular plexus, DVC: deep vascular complex, ICP: intermediate capillary plexus, DCP: deep capillary plexus, avascular complex, CC: choriocapillaris, choroid, HL: Haller's layer, ILMtoBM: internal limiting membrane to Bruch membrane, SL: Sattlers's layer