

SUPPLEMENTARY MATERIAL

Artificial intelligence-based Quantification of Central Macular Fluid Volume and VA Prediction for Diabetic Macular Edema Using OCT Images

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Supplementary Table S1. Relationship between different anti-VEGF agents and the change of CMFV, CST, and logMAR BCVA

Anti-VEGF agents	Variables	Baseline	M1	<i>p</i>
Aflibercept group (mm ³)	CMFV (mm ³)	0.339 (0.061, 0.801)	0.070 (0.018, 0.240)	0.013
	CST (μm)	476 (378, 602)	292 (254, 542)	0.010
	LogMAR BCVA	0.398 (0.301, 0.651)	0.301 (0.261, 0.523)	0.049
Conbercept group (mm ³)	CMFV (mm ³)	0.231 (0.055, 0.526)	0.073 (0.016, 0.290)	< 0.001
	CST (μm)	410 (295, 565)	322 (250, 394)	< 0.001
	LogMAR BCVA	0.523 (0.301, 0.796)	0.523 (0.222, 0.699)	< 0.001
Ranibizumab group (mm ³)	CMFV (mm ³)	0.281 (0.067, 0.635)	0.130 (0.021, 0.347)	< 0.001
	CST (μm)	400 (278, 578)	336 (252, 442)	< 0.001
	LogMAR BCVA	0.523 (0.301, 1.000)	0.398 (0.222, 0.810)	< 0.001

Supplementary Table S2. Difference in change of CMFV, CST, and LogMAR BCVA in three different anti-VEGF agents.

Variables	Aflibercept (n=13)	Conbercept (n=62)	Ranibizumab (n=81)	<i>p</i>
CMFV resolution (mm ³)	-0.307 (-0.460, -0.001)	-0.077 (-0.370, -0.004)	-0.078 (-0.250, 0.012)	0.523
CST reduction (μm)	-184 (-288, -2)	-52 (-137, -16)	-40 (-166, 4)	0.231
LogMAR BCVA gain	-0.079 (-0.199, 0.000)	-0.097 (-0.280, 0.000)	-0.097 (-0.222, 0.000)	0.898