

Accuracy when treating FH grading as discrete value					
FH grading	1	2	3	4	Average acc.
Image	96.70	23.30	55.00	77.80	63.20
Image+GAN base	100.00	16.70	60.00	72.20	62.23
Image+GAN55	100.00	33.30	65.00	72.00	67.58
Image+GAN75	100.00	36.70	60.00	83.30	70.00
Image+GAN90	100.00	30.00	60.00	83.30	68.33

**Supplementary Table 1.** Neural network predictor accuracy when treating FH grading as discrete value. Image: OCT images. GAN base: Type 1 fake OCT scans, where each fake image is generated for specific given FH grading. GAN55: Type 2 fake OCT scans where mix ratio is 55%; for example, a fake image would have 55% and 45% characteristic of FH grading 1 and 2. GAN75: Type 2 fake OCT scans where mix ratio is 75%. GAN90: Type 2 fake OCT scans where mix ratio is 90%.