

Parameter	Mean (standard deviation)
Number of subjects (eyes; right/left)	37 (72; 36/36)
Age (years)	51.3 (12.9)
AL (mm)	24.3 (1.0)
Spherical equivalent refraction (diopters)	-1.55 (2.02)
Best-corrected decimal visual acuity	1.5 (0.9 ~ 1.5)*
Central corneal thickness (μm)	515 (29)
Corneal curvature (mm)	7.75 (0.28)
IOP (mmHg)	13.6 (0.8)
Disc area (mm^2)	2.21 (0.37)
VF_{mean} (dB)	30.3 (1.1)
$\text{VF}_{4\text{TestPoints}}$ (dB)	33.0 (0.8)
CpRNFLT (μm)	106.8 (8.7)
GCIPLT _{4TestPoints} (μm)	87.8 (6.4)

1 **Table 1. Summary of subjects' characteristics.**

2 The data are expressed as the mean (standard deviation). VF_{mean} , mean visual field (VF)
 3 sensitivities (dB) of 52 test points of the HFA 24-2 test; $\text{VF}_{4\text{TestPoints}}$, mean VF sensitivity
 4 of the central 4 test points of the HFA 24-2; cpRNFLT, circumpapillary retinal nerve fiber
 5 layer thickness measured and averaged over the entire circumference of the circle with
 6 a diameter of 3.4 mm centered on the barycenter of clinical disc; GCIPLT_{4TestPoints}, mean
 7 ganglion cell-inner plexiform layer thicknesses in a circular retinal area with a diameter
 8 of 0.6 mm (approximately 2 degrees of the visual angle) corresponding to the four
 9 central test points of the HFA 24-2, adjusted for RGC displacement according to Drasdo
 10 *et al.* [25]. All measured values listed were obtained at the baseline examination.

11 *Median (range).

12

Item	Estimate*	Standard error	p value
Intercept	13.9	2.7	<0.001
Duration=time (years)	-0.121	0.019	<0.001
VF _{mean} at baseline (dB)	0.604	0.058	<0.001
VF _{mean} at baseline × duration	-0.111	0.005	<0.001
Age at baseline (years)	-0.021	0.005	<0.001
Age at baseline × duration	-0.009	0.002	<0.001
AL (mm)	-0.022	0.061	0.725
AL × duration	0.006	0.020	0.777

13 **Table 2. Factors contributing to the aging-related changes in VF_{mean} in normal**
14 **Japanese subjects.**
15 VF_{mean}, mean visual field sensitivity of 52 test points of the HFA 24-2 test; VF_{mean} at
16 baseline × duration, interaction between VF_{mean} at baseline and duration (time lapse
17 from the baseline measurement); age at baseline × duration, interaction between age
18 and duration (time lapse from the baseline measurement); AL × duration, interaction
19 between AL and duration (time lapse from the baseline measurement). *Estimated
20 coefficient value.

21

22

Item	Estimate*	Standard error	p value
Intercept	21.9	3.42	<0.001
Duration=time (years)	-0.185	0.027	<0.001
VF _{4TestPoints} at baseline (dB)	0.432	0.070	<0.001
VF _{4TestPoints} × duration	-0.143	0.031	<0.001
Age at baseline (years)	-0.028	0.006	<0.001
Age at baseline × duration	-0.010	0.002	<0.001
AL (mm)	-0.063	0.068	0.356
AI × duration	-0.010	0.029	0.729

23 **Table 3. Factors contributing to aging-related changes in VF_{4TestPoints} in normal**
 24 **Japanese subjects.**
 25 VF_{4TestPoints}, mean VF sensitivity of the central four test points of the HFA 24-2 test;
 26 VF_{4TestPoints} at baseline × duration, interaction between VF_{4TestPoints} at baseline and
 27 duration (time lapse from the baseline measurement); age at baseline × duration,
 28 interaction between baseline age and duration (time lapse from the baseline
 29 measurement); AL × duration, interaction between AL and duration (time lapse from
 30 the baseline measurement). *Estimated coefficient value.

31

32

33

Item	Estimate*	Standard error	p value
Intercept	5.48	1.94	0.005
Duration=time (years)	0.067	0.072	0.352
CpRNFLT at baseline (μm)	1.00	0.009	<0.001
CpRNFLT at baseline \times duration	0.001	0.010	0.934
Age at baseline (years)	-0.025	0.006	<0.001
Age at baseline \times duration	-0.021	0.006	0.001
Axial length (mm)	-0.153	0.071	0.030
Axial length \times duration	-0.132	0.075	0.078
Disc area (mm^2)	-0.619	0.181	<0.001
Disc area \times duration	-0.128	0.192	0.505

34 **Table 4. Factors contributing to aging-related changes in the cpRNFLT in normal**
35 **Japanese subjects.**
36 CpRNFLT, circumpapillary retinal nerve fiber layer thickness measured and averaged
37 over whole circumference of the circle with a diameter of 3.4 mm centered on the
38 barycenter of clinical disc; cpRNFLT at baseline \times duration, interaction between the
39 cpRNFLT at baseline and duration (time lapse from the baseline measurement); age at
40 baseline \times duration, interaction between baseline age and duration (time lapse from
41 the baseline measurement); AL \times duration, interaction between AL and duration (time
42 lapse from the baseline measurement); disc area \times duration, interaction between disc
43 area and duration (time lapse from the baseline measurement). *Estimated coefficient
44 value.
45
46

Item	Estimate*	Standard error	p value
Intercept	4.69	1.16	<0.001
Duration=time (years)	-0.064	0.040	0.114
GCIPLT _{4TestPoints} at baseline (μm)	0.992	0.006	<0.001
GCIPLT _{4TestPoints} at baseline × duration	-0.008	0.007	0.238
Age at baseline (years)	-0.025	0.003	<0.001
Age at baseline × duration	-0.010	0.0034	0.004
AL (mm)	-0.092	0.039	0.019
AL × duration	-0.056	0.041	0.174
Disc area (mm ²)	-0.191	0.097	0.048
Disc area × duration	-0.188	0.102	0.067

47 **Table 5. Factors contributing to aging-related changes in the GCIPLT_{4TestPoints} in normal**
48 **Japanese subjects.**

49 GCIPLT_{4TestPoints}, the mean of ganglion cell-inner plexiform layer thicknesses in a circular
50 retinal area with a diameter of 0.6 mm (corresponding to about 2 degrees of visual
51 angle) in the four central test points of the HFA 24-2 test, adjusted for RGC
52 displacement according to Drasdo et al. [25] GCIPLT_{4TestPoints} at baseline × duration,
53 interaction between the GCIPLT_{4TestPoints} at baseline and duration (time lapse from the
54 baseline measurement); age at baseline × duration, interaction between baseline age
55 and duration (time lapse from the baseline measurement); AL × duration, interaction
56 between AL and duration (time lapse from the baseline measurement); disc area ×
57 duration, interaction between disc area and duration (time lapse from the baseline
58 measurement). *Estimated coefficient value.

59