

Supplementary Table 1. Baseline characteristics and percentage change in macular thickness

	Healthy group		<i>P</i> value	Vitrectomy group		<i>P</i> value
	VMA (n=54)	VMS (n=164)		ILMon (n=26)	ILMoff (n=93)	
Female no. (%)	31(57.4)	118(72.0)	0.046 ^a	14(53.8)	66(71.0)	0.10 ^a
Age (years)	65.2±6.4	69.3±6.5	<0.0001 ^b	69.9±7.3	68.4±6.0	0.27 ^b
range	(56-84)	(56-86)		(56-80)	(57-80)	
Axial length(mm)	23.5±1.2	23.6±1.2	0.95 ^b	24.1±1.6	23.3±1.3	0.012 ^b
range	(21.0-26.1)	(21.3-27.1)		(22.1-27.0)	(21.5-27.7)	
Sectors (%/year)						
Central	0.31±0.72	-0.22±0.93	0.0001 ^b	-0.65±0.82	-0.31±1.1	0.15 ^b
inner superior	0.073±0.55	-0.30±0.67	0.0003 ^b	-0.58±0.57	-0.69±0.73	0.47 ^b
inner temporal	0.032±0.53	-0.29±0.69	0.0020 ^b	-0.46±0.56	-0.86±0.83	0.021 ^b
inner inferior	0.064±1.5	-0.35±0.66	<0.0001 ^b	-0.37±0.56	-0.77±0.77	0.017 ^b
inner nasal	0.024±0.50	-0.28±0.63	0.0013 ^b	-0.43±0.54	-0.50±0.70	0.64 ^b

VMA=vitreomacular adhesion

^a Chi-square test

VMS=vitreomacular separation

^b Unpaired t-test

ILM=internal limiting membrane

Supplementary Table 2. Multiple regression analysis for percentage change in macular thickness among healthy group

	central		superior		temporal		inferior		nasal	
	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value
Women	-0.055	0.46	-0.025	0.73	-0.071	0.35	-0.068	0.36	-0.02	0.79
Age	-0.11	0.12	-0.088	0.22	-0.033	0.65	-0.062	0.38	-0.028	0.7
Axial length	-0.13	0.076	-0.11	0.13	-0.085	0.26	-0.079	0.29	-0.076	0.31
Presence of VMA	0.19	0.0076	0.24	0.011	0.20	0.0058	0.26	0.0002	0.22	0.0025

VMA=vitreomacular adhesion

Supplementary Table 3. Multiple regression analysis for percentage change in macular thickness among vitrectomy group

	central		superior		temporal		inferior		nasal	
	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value
Women	-0.006	0.95	0.13	0.21	0.003	0.98	0.084	0.41	0.088	0.39
Age	-0.21	0.034	-0.21	0.031	-0.17	0.069	-0.21	0.025	-0.090	0.35
Axial length	-0.043	0.690	-0.22	0.044	-0.25	0.020	-0.17	0.11	-0.25	0.022
ILM peeling	0.088	0.36	-0.17	0.077	-0.29	0.0023	-0.30	0.0017	-0.12	0.20

ILM=internal limiting membrane

Supplementary Table 4. Baseline characteristics and percentage change in macular thickness among healthy and ILMon group

Healthy	ILMon	
(n=218)	(n=26)	p value

Women no. (%)	149(68.3)	14(53.8)	0.14^a
Age (years)	65.3±6.7	69.9±7.3	0.24^b
range	(56-86)	(56-80)	
Axial length(mm)	23.6±1.2	24.1±1.6	0.035^b
range	(21.0-27.1)	(22.1-27.0)	
Sectors (%/year)			
Central	-0.088±0.91	-0.65±0.82	0.0031^b
inner superior	-0.21±0.66	-0.58±0.57	0.0063^b
inner temporal	-0.21±0.67	-0.46±0.56	0.065^b
inner inferior	-0.25±0.64	-0.37±0.56	0.33^b
inner nasal	-0.21±0.61	-0.43±0.54	0.075^b

ILM=internal limiting membrane

^a **Chi-square test**

^b **Unpaired t-test**

Supplementary Table 5. Multiple regression analysis for percentage change in macular thickness among healthy and ILMon group

	central		superior		temporal		inferior		nasal	
	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value	β	<i>P</i> value
Women	-0.075	0.29	-0.026	0.72	-0.083	0.25	-0.093	0.2	-0.031	0.67
Age	-0.17	0.014	-0.13	0.055	-0.064	0.35	-0.12	0.072	-0.064	0.35
Axial length	-0.12	0.100	-0.16	0.029	-0.10	0.19	-0.093	0.22	-0.12	0.11
ILMon	-0.15	0.028	-0.14	0.04	-0.11	0.12	-0.043	0.52	-0.1	0.14

ILM=internal limiting membrane