Supplementary Table 1. Characteristics and changes in ocular biometric parameters at baseline and at 0, 10, 20, and 30 minutes after the cold pressor test in healthy participants (n = 44)

Case no.	Age (yr)	Sex	IOP (mmHg)					OPP (mmHg)					MBR-A					MBR-T					MBR-V				
			Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min
1	20	Male	15.7	14.0	15.0	14.3	15.0	41.4	51.1	39.7	37.7	43.4	38.7	37.1	38.7	38.7	37.3	11.9	11.5	11.2	11.1	10.8	21.6	20.6	22.3	21.8	21.6
2	20	Female	12.7	11.7	14.3	11.3	11.7	36.9	41.4	33.5	41.8	37.9	54.6	52,6	54.5	54.6	53.6	18.6	17.6	17.9	18.1	18.1	32.1	31.1	33.1	33.2	33.0
3	20	Female	15.3	16.3	15.3	15.3	13.3	43.4	44.1	41.6	42.9	43.1	45.5	48.4	48.7	49.1	47.4	15.2	16.1	15.9	15.9	15.5	28.5	28.3	29.3	29.0	29.9
4	36	Female	11.0	11.3	10.0	10.7	11.7	40.6	45.8	41.6	46.0	39.6	45.7	46.0	40.6	46.2	53.7	12.5	12.6	11.3	12.0	13.6	26.5	27.3	25.1	25.7	26.1
5	20	Female	12.0	11.3	11.7	11.3	11.7	44.7	49.1	42.5	41.4	43.9	45.3	40.8	41.6	45.7	44.7	10.4	10.0	10.0	10.9	10.5	23.1	21.0	21.2	22.6	22.6
6	20	Female	15.0	15.7	16.0	14.3	14.7	35.7	43.6	34.4	40.6	42.6	40.0	44.8	47.3	40.4	47.0	13.4	14.6	15.1	13.2	15.0	21.8	21.7	21.1	21.4	22.7
7	21	Female	11.0	12.7	11.3	11.0	11.0	32.6	40.0	39.4	31.2	32.3	45.2	47.1	55.2	53.2	54.6	12.3	12.6	14.5	14.4	14.8	23.6	23.1	26.4	25.7	25.6
8	21	Female	14.7	15.0	14.7	14.3	15.0	35.5	40.6	38.4	32.8	35.0	43.9	42.9	43.8	43.9	44.6	15.1	14.7	15.2	14.7	15.1	29.3	27.6	28.6	29.2	30.0
9	21	Female	10.7	11.3	11.0	10.3	10.7	39.3	35.6	37.9	39.3	39.1	39.0	40.9	41.3	39.2	42.0	11.1	11.4	12.0	11.0	11.8	21.2	20.8	20.6	19.6	20.9
10	36	Male	15.3	16.3	14.0	16.7	15.0	48.3	49.7	49.3	43.5	46.3	44.4	47.1	50.3	49.5	51.5	12.6	13.2	13.6	13.5	13.6	25.2	25.6	26.1	26.4	26.4
11	43	Male	17.0	17.7	16.7	15.7	16.0	39.7	42.5	45.1	41.4	38.7	37.3	45.7	42.1	37.2	44.2	10.9	13.7	12.9	11.3	13.5	24.3	26.9	24.7	23.8	27.4
12	20	Female	16.7	16.7	16.0	16.3	16.3	32.9	37.5	34.2	35.7	30.1	37.2	42.2	42.1	45.2	39.4	13.1	13.9	14.6	16.1	13.4	24.4	26.8	26.4	24.6	25.0
13	20	Female	16.0	17.3	16.7	18.0	18.7	27.3	28.7	26.9	28.2	25.3	40.1	38.5	43.6	37.0	36.7	11.4	11.5	12.1	10.9	10.5	21.2	21.7	22.1	21.8	21.9
14	20	Female	14.3	12.3	12.0	12.7	12.3	40.8	51.7	43.3	40.9	41.9	60.1	56.0	57.0	55.0	56.9	18.7	17.5	17.2	17.2	17.6	32.8	31.2	31.0	30.6	31.8
15	20	Female	9.7	10.0	10.0	10.3	9.7	46.3	44.4	42.7	44.1	43.0	48.6	42.5	42.6	40.9	43.5	14.3	13.3	13.2	12.4	13.6	24.1	20.6	21.2	21.6	22.5
16	20	Female	15.0	14.0	13.3	13.3	13.7	37.2	42.2	36.7	40.3	37.4	48.9	50.1	48.1	43.7	43.0	15.0	16.0	14.6	13.8	13.7	27.9	27.4	29.2	26.7	26.4
17	20	Female	12.3	13.0	13.0	13.7	13.0	39.9	41.2	39.0	37.0	39.2	37.5	38.2	38.3	39.3	37.9	13.5	12.4	12.5	12.1	12.6	23.8	24.3	24.2	24.0	23.5
18	20	Female	10.3	11.0	11.3	10.7	10.7	37.9	41.9	40.9	41.5	38.2	43.9	42.2	41.5	42.6	42.4	12.9	12.4	12.5	12.5	12.2	25.2	25.3	25.0	25.8	25.0
19	20	Female	12.0	12.7	12.3	11.3	14.0	39.1	45.5	38.6	39.4	40.2	46.7	49.4	41.8	47.8	49.2	12.8	14.4	12.5	14.2	14.5	29.0	29.4	27.4	28.6	31.7
20	20	Female	12.3	11.3	10.0	10.3	12.0	41.5	41.4	45.6	43.0	42.4	41.7	44.5	43.5	47.6	44.8	10.3	11.2	10.9	12.0	11.1	23.1	22.1	22.6	23.0	22.7
21	20	Female	12.0	10.7	10.7	11.0	11.0	38.4	47.1	40.6	40.1	41.0	38.0	34.0	38.7	35.3	37.0	13.9	12.0	14.2	12.6	15.6	25.4	23.5	25.4	24.0	23.4
22	20	Female	10.3	10.3	10.7	10.0	10.0	39.9	41.5	36.4	36.4	40.7	43.5	43.6	40.9	41.3	43.8	12.1	12.5	11.9	11.9	12.1	26.5	25.4	26.3	25.9	27.5
23	20	Male	18.7	17.7	18.7	17.3	18.3	45.3	45.6	43.7	44.9	47.5	49.6	46.0	50.6	47.4	46.0	17.7	17.0	19.0	17.5	17.2	30.2	27.6	28.4	28.0	27.8
24	18	Female	13.0	12.7	11.7	13.0	12.0	35.2	39.7	41.4	38.6	37.1	42.1	46.4	43.3	40.5	39.5	15.2	16.5	15.8	14.4	14.1	28.2	28.9	28.7	27.5	27.8
25	18	Female	13.3	14.7	12.0	11.3	11.0	35.6	33.5	34.2	41.1	37.0	51.9	48.1	54.3	52.4	47.9	16.3	14.8	17.5	17.1	15.5	33.6	32.9	33.4	34.5	29.3
26	21	Female	14.3	14.0	14.0	14.7	13.0	34.4	37.8	35.1	32.6	36.8	49.1	47.6	50.0	50.3	46.1	16.1	15.4	15.9	16.5	14.8	30.4	30.4	30.0	30.5	30.0
27	21	Male	12.3	11.0	10.3	10.3	10.0	37.5	44.8	40.6	41.9	42.4	41.1	40.2	41.3	37.4	38.9	14.9	14.2	14.8	13.9	14.5	26.1	24.2	25.6	25.1	25.0
28	20	Male	9.3	8.7	9.0	8.3	8.0	47.6	55.1	51.9	51.5	55.1	40.5	41.3	42.3	39.8	44.0	10.7	10.9	11.1	10.6	11.6	19.3	19.8	19.5	19.4	20.2
29	20	Male	17.3	15.3	13.7	15.0	13.3	35.1	41.4	40.1	37.0	42.9	44.0	45.3	44.1	48.2	49.4	14.6	15.0	14.4	15.9	16.3	24.8	26.3	26.4	26.8	26.7
30	27	Male	16.3	15.7	15.0	16.3	18.0	41.7	45.0	49.0	45.9	44.2	37.5	39.5	48.7	45.9	48.3	11.3	12.1	13.7	12.5	13.4	21.8	22.8	27.3	24.6	26.4
31	21	Male	15.0	13.3	11.7	13.0	13.0	44.3	49.6	44.5	45.7	43.4	47.7	54.3	50.1	52.9	53.5	11.3	12.5	11.6	11.9	12.4	20.1	21.4	19.6	20.3	22.1
32	18	Male	16.7	17.0	16.7	15.3	17.3	42.6	45.2	43.5	45.1	44.5	39.3	39.4	36.6	38.5	37.0	13.4	13.5	11.9	13.5	12.6	22.5	23.5	22.9	23.2	22.5
33	22	Male	13.7	11.7	12.3	12.0	12.0	43.4	41.4	41.9	40.0	43.3	40.3	38.7	40.7	38.7	37.3	10.7	10.1	10.5	10.3	9.9	21.7	21.0	22.0	21.4	21.2

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Supplementary Table 1. (Continued)

Case no.	Age (yr)	Sex	IOP (mmHg)					OPP (mmHg)					MBR-A					MBR-T					MBR-V				
			Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min	Baseline	0 min	10 min	20 min	30 min
34	22	Male	8.0	7.0	7.3	7.3	8.7	46.9	51.4	46.0	46.5	44.0	45.9	45.3	41.6	41.0	41.1	13.9	13.3	12.3	12.1	11.2	26.2	27.1	25.2	26.1	25.8
35	19	Male	12.7	11.0	13.3	11.7	14.0	46.0	48.3	38.5	43.0	42.9	51.6	51.6	51.8	48.8	52.4	17.1	16.9	16.8	14.9	16.2	26.6	28.0	27.6	27.7	27.2
36	23	Male	9.3	8.3	9.3	9.7	9.0	45.1	47.3	40.7	45.6	46.1	51.3	43.1	54.1	46.5	46.1	10.1	9.4	13.4	10.1	11.1	23.4	21.8	22.8	25.1	23.4
37	21	Male	13.3	12.0	13.0	12.7	11.0	43.8	51.1	43.2	47.1	47.4	39.1	40.1	42.6	40.9	41.7	14.1	13.5	14.0	13.5	14.1	20.0	20.9	20.2	20.5	20.2
38	20	Male	11.3	12.0	12.0	12.0	10.0	44.0	49.3	41.8	42.2	47.1	45.3	42.7	45.1	47.9	48.1	9.9	9.3	9.6	10.3	10.2	25.5	24.1	24.8	25.7	25.8
39	21	Male	10.7	12.3	10.7	11.0	11.0	44.9	46.8	45.3	42.6	42.6	47.5	46.6	46.6	49.7	48.3	13.8	13.0	13.7	12.9	13.4	26.3	26.2	24.5	25.4	26.5
40	21	Female	12.3	12.7	12.3	13.0	12.3	33.3	39.3	42.4	40.3	34.1	38.2	40.8	39.4	40.6	41.6	12.1	13.3	12.6	13.1	13.3	25.4	26.0	25.1	25.8	25.6
41	21	Female	12.3	12.7	12.7	12.7	12.7	53.0	54.0	51.7	52.4	52.9	45.0	39.7	43.8	42.6	41.0	14.6	13.3	15.2	14.2	13.9	22.8	21.2	22.6	21.5	22.1
42	20	Female	8.7	9.0	9.3	9.7	8.7	38.6	46.6	38.0	33.2	37.1	42.6	41.3	44.2	44.4	43.8	11.1	11.0	11.4	11.4	11.1	20.9	21.2	21.3	21.7	21.6
43	20	Female	9.7	10.0	10.0	10.3	10.7	36.7	40.0	40.0	36.4	38.6	50.5	55.5	53.1	53.5	53.7	16.8	18.0	18.0	17.2	16.8	24.9	26.3	26.2	26.6	25.5
44	21	Male	18.7	18.3	18.3	19.0	18.7	40.9	52.8	41.5	39.2	43.1	43.6	43.3	44.4	43.5	46.2	11.7	12.0	11.8	11.5	12.4	23.0	21.6	22.5	23.6	22.9
Mean	21.7	-	13.1	12.9	12.7	12.6	12.7	40.3	44.3	40.9	40.8	41.1	44.3	44.3	45.2	44.6	45.1	13.3	13.4	13.6	13.3	13.5	25.0	24.8	25.1	25.1	25.3
SD	5.0	-	2.7	2.7	2.6	2.6	2.7	5.0	5.5	4.8	4.9	5.3	5.1	4.9	5.2	5.3	5.4	2.3	2.2	2.2	2.1	2.0	3.4	3.4	3.4	3.4	3.2

IOP = intraocular pressure; OPP = ocular perfusion pressure; MBR-A = overall average of the mean blur rate; MBR-T = tissue average of the mean blur rate; MBR-V = vessel average of mean blur rate; min = minutes; SD = standard deviation.