

**Supplementary Table 1: Peripapillary and foveal choroidal thickness ( $\mu\text{m}$ ) of the different locations in the Gutenberg Prematurity Eye Study (n=408) stratified by gestational age and ROP status**

<b>Gestational age</b>	<b>Group 1 GA <math>\geq</math> 37</b>	<b>Group 2 GA 33 - 36 no ROP</b>	<b>Group 3 GA 29 - 32 no ROP</b>	<b>Group 4 GA <math>\leq</math> 28 no ROP</b>	<b>Group 5 GA <math>\leq</math> 32 ROP without treatment</b>	<b>Group 6 GA <math>\leq</math> 32 ROP with treatment</b>
Participants/eyes (n)	132 / 241	134 / 250	79 / 144	16 / 29	38 / 57	9 / 14
<b><u>Choroidal thickness macula (<math>\mu\text{m}</math>)</u></b>						
<b>Right eye</b>						
Foveal center	291.6 $\pm$ 67.5	282 $\pm$ 62.7	283.2 $\pm$ 67.3	304.1 $\pm$ 71	316.9 $\pm$ 79.8	250.7 $\pm$ 53.2
Fovea	291 $\pm$ 66.7	282 $\pm$ 61	285.9 $\pm$ 67.3	303.3 $\pm$ 69.7	313.4 $\pm$ 78.4	247.7 $\pm$ 49.3
Inner quadrant superior	292.4 $\pm$ 64.4	292.8 $\pm$ 61	295.8 $\pm$ 69.4	311.4 $\pm$ 83.1	307.7 $\pm$ 60.9	232.7 $\pm$ 50.1
Inner quadrant nasal	277.4 $\pm$ 67.2	274.9 $\pm$ 59.9	281.1 $\pm$ 66	294.1 $\pm$ 89.3	305.8 $\pm$ 78.7	247 $\pm$ 42.5
Inner quadrant inferior	286 $\pm$ 66.3	273.9 $\pm$ 61	284.5 $\pm$ 68.2	298.4 $\pm$ 65.7	316.7 $\pm$ 88.9	257.3 $\pm$ 53.3
Inner quadrant temporal	295.1 $\pm$ 66	280.4 $\pm$ 60.8	282.6 $\pm$ 68.6	299.6 $\pm$ 59.1	303.9 $\pm$ 77.4	231.7 $\pm$ 64.5
Outer quadrant superior	292.5 $\pm$ 63.8	296.6 $\pm$ 59.6	300.1 $\pm$ 68.1	306.6 $\pm$ 80.9	297.6 $\pm$ 56.8	223.7 $\pm$ 46.2
Outer quadrant nasal	262.8 $\pm$ 66.9	262.7 $\pm$ 58.5	269.5 $\pm$ 64.3	282.4 $\pm$ 95.8	284 $\pm$ 77.6	239.3 $\pm$ 31.8
Outer quadrant inferior	283.8 $\pm$ 66.1	272.1 $\pm$ 62.1	282.8 $\pm$ 65.2	299.4 $\pm$ 71.5	305.4 $\pm$ 90.4	264.3 $\pm$ 43.6
Outer quadrant temporal	292.9 $\pm$ 65.8	276.9 $\pm$ 60	277.1 $\pm$ 66.2	297.1 $\pm$ 56.3	291.3 $\pm$ 78.1	225.3 $\pm$ 63.7
<b>Left Eye</b>						
Foveal center	287.2 $\pm$ 68.1	285.9 $\pm$ 56.4	292.6 $\pm$ 56.8	266.3 $\pm$ 64.7	311.7 $\pm$ 64.7	197.5 $\pm$ 62.9
Fovea	288.7 $\pm$ 67.7	286.3 $\pm$ 54.3	292.4 $\pm$ 55.1	268 $\pm$ 59.1	311.4 $\pm$ 62.8	196 $\pm$ 63.6
Inner quadrant superior	290.1 $\pm$ 64.6	292.6 $\pm$ 51.9	294.1 $\pm$ 52.8	274 $\pm$ 38.3	309.8 $\pm$ 66.2	204.5 $\pm$ 14.8
Inner quadrant nasal	277.7 $\pm$ 68.3	275 $\pm$ 55.7	279.4 $\pm$ 52.1	264.3 $\pm$ 71.1	304.5 $\pm$ 67.5	200.5 $\pm$ 47.4
Inner quadrant inferior	287.5 $\pm$ 66.9	286.3 $\pm$ 54.8	292.8 $\pm$ 57.7	273.3 $\pm$ 72.9	311.7 $\pm$ 62.9	198 $\pm$ 86.3
Inner quadrant temporal	291.8 $\pm$ 66	292 $\pm$ 52.8	296.5 $\pm$ 57.1	269.7 $\pm$ 34.2	309.1 $\pm$ 61.3	188.5 $\pm$ 53
Outer quadrant superior	287 $\pm$ 64.2	295.3 $\pm$ 52.9	291.9 $\pm$ 55.9	277.3 $\pm$ 26	307.6 $\pm$ 64.6	232 $\pm$ 17
Outer quadrant nasal	262.3 $\pm$ 67.7	261.9 $\pm$ 55.2	263.5 $\pm$ 53.1	247 $\pm$ 81.4	290.2 $\pm$ 72.3	199.5 $\pm$ 31.8
Outer quadrant inferior	285.4 $\pm$ 65.1	285.1 $\pm$ 52.9	292.5 $\pm$ 56	273.3 $\pm$ 86.7	310.7 $\pm$ 65.5	203 $\pm$ 86.3
Outer quadrant temporal	287.9 $\pm$ 63.5	290.8 $\pm$ 51.5	292.2 $\pm$ 56.2	268.3 $\pm$ 27	303.3 $\pm$ 61	186 $\pm$ 18.4
<b><u>Peripapillary choroidal thickness</u></b>						
<b>Right eye</b>						
Global	189 $\pm$ 60	184 $\pm$ 55	192 $\pm$ 58	223 $\pm$ 68	186 $\pm$ 60	187 $\pm$ 71
Superotemporal	201 $\pm$ 67	194 $\pm$ 58	204 $\pm$ 63	239 $\pm$ 74	200 $\pm$ 64	201 $\pm$ 80
Temporal	198 $\pm$ 74	195 $\pm$ 66	203 $\pm$ 68	241 $\pm$ 65 <sup>#</sup>	205 $\pm$ 67	198 $\pm$ 79
Inferotemporal	165 $\pm$ 60	164 $\pm$ 60	172 $\pm$ 60	194 $\pm$ 67	169 $\pm$ 66	172 $\pm$ 60
Inferonasal	167 $\pm$ 56	162 $\pm$ 55	173 $\pm$ 59	196 $\pm$ 65	161 $\pm$ 60	171 $\pm$ 64
Nasal	193 $\pm$ 62	187 $\pm$ 58	194 $\pm$ 59	220 $\pm$ 84	180 $\pm$ 64	181 $\pm$ 73
Superonasal	193 $\pm$ 60	187 $\pm$ 55	194 $\pm$ 61	233 $\pm$ 88	184 $\pm$ 68	191 $\pm$ 84
<b>Left Eye</b>						
Global	193 $\pm$ 58	187 $\pm$ 57	195 $\pm$ 58	201 $\pm$ 64	178 $\pm$ 52	187 $\pm$ 144

Superotemporal	203 ± 60	199 ± 62	209 ± 68	216 ± 62	187 ± 61	202 ± 147
Temporal	202 ± 67	196 ± 64	200 ± 69	211 ± 67	194 ± 59	202 ± 163
Inferotemporal	169 ± 58	164 ± 57	171 ± 62	172 ± 63	157 ± 54	180 ± 149
Inferonasal	168 ± 57	162 ± 60	170 ± 56	175 ± 60	144 ± 51 <sup>#</sup>	156 ± 116
Nasal	199 ± 63	193 ± 68	201 ± 58	206 ± 74	183 ± 58	182 ± 133
Superonasal	200 ± 63	198 ± 66	207 ± 65	211 ± 81	185 ± 59	195 ± 150

GA – gestational age; ROP – Retinopathy of Prematurity;  $\mu\text{m}$  – micrometer. OD – right eye, OS – left eye