Supplemental material

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Supplementary Table 1. Linear associations of anterior chamber depth and lens thickness with different perinatal parameters (n = 438) for the sample of the Gutenberg Prematurity Eye Study (GPES).

	univariate	
	B [95% CI]	**p**
Anterior chamber depth (mm)		
Gestational age (weeks)	0.001 (-0.007; 0.009)	0.76
Birth weight (kg)	0.001 (-0.034; 0.036)	0.95
Birth weight percentile	0.000 (-0.001; 0.002)	0.74
ROP (yes)	-0.11 (-0.25; 0.02)	0.10
ROP treatment (yes)	-0.63 (-0.98; -0.27)	0.001
Placental insufficiency (yes)	-0.04 (-0.15; 0.07)	0.46
Preeclampsia (yes)	-0.07 (-0.16; 0.02)	0.12
Breastfeeding (yes)	0.06 (-0.006; 0.127)	0.08
Smoking pregnancy (yes)	0.02 (-0.10; 0.14)	0.71
Lens thickness (mm)		
Gestational age (weeks)	0.003 (-0.004; 0.009)	0.45
Birth weight (kg)	0.010 (-0.023; 0.042)	0.56
Birth weight percentile	0.000 (-0.001; 0.001)	0.78
ROP (yes)	-0.04 (-0.16; 0.07)	0.47
ROP treatment (yes)	0.64 (0.31; 0.97)	<0.001
Placental insufficiency (yes)	-0.003 (-0.102; 0.097)	0.96
Preeclampsia (yes)	0.010 (-0.06; 0.07)	0.89
Breastfeeding (yes)	-0.10 (-0.17; -0.04)	0.001
Smoking pregnancy (yes)	-0.05 (-0.18; 0.07)	0.39

B – Beta; ROP – Retinopathy of prematurity; GA – gestational age; kg – kilogram; CI – Confidence interval; mm – millimeter

Linear regression analysis using generalized estimating equations to control for correlations between right and left eyes.