

**Supplementary table 4. The effect of manual adjustment of small segmentation errors on reflectivity and retinal layer thickness for PXE patients and controls.**

<b>Supplementary Table 4</b>			
	<b>Adjusted segmentation</b>	<b>Unadjusted segmentation</b>	<b>P-value</b>
<b>PXE patients</b>	<b>N=8</b>	<b>N=8</b>	
GCL-IPL reflectivity	0.0059 ± 0.002	0.0064 ± 0.002	0.666
RPE-BM peak reflectivity	87.6 ± 33.1	80.8 ± 27.3	0.643
<b>Layer specific thickness in µm</b>			
Retinal nerve fiber layer	32.8 ± 5.1	35.1 ± 5.4	0.398
Ganglion cell layer	40 ± 6.5	38.7 ± 6.6	0.699
Inner plexiform layer	37.4 ± 2.1	38.1 ± 2.1	0.515
Inner nuclear layer	33.8 ± 3.5	33.6 ± 3.3	0.884
Outer plexiform layer	28 ± 3.5	28.2 ± 3.4	0.917
Outer nuclear layer	83.5 ± 3.5	83.2 ± 3.5	0.869
Ellipsoid zone	26.2 ± 1.5	26.2 ± 1.5	0.964
Outer photoreceptor segments	19.5 ± 3.9	19.5 ± 3.9	0.995
RPE and Bruch's membrane	19.7 ± 1.9	19.7 ± 1.8	0.999
<b>Controls</b>	<b>N=8</b>	<b>N=8</b>	
GCL-IPL reflectivity	0.0111 ± 0.0035	0.0122 ± 0.0041	0.575
RPE-BM peak reflectivity	33.1 ± 16.3	30.6 ± 16.7	0.770
<b>Layer specific thickness in µm</b>			
Retinal nerve fiber layer	34.3 ± 6.2	36.4 ± 5.6	0.479
Ganglion cell layer	39.6 ± 4.4	38.8 ± 5.1	0.743
Inner plexiform layer	39.2 ± 3.1	39.6 ± 3	0.760
Inner nuclear layer	35.2 ± 2.4	35.4 ± 2.7	0.881
Outer plexiform layer	27.2 ± 1.9	27.2 ± 1.8	0.977
Outer nuclear layer	86.6 ± 3.3	86.4 ± 3	0.898
Ellipsoid zone	27.2 ± 1.7	27.2 ± 1.7	0.934
Outer photoreceptor segments	18.4 ± 2.9	18.4 ± 2.9	0.997
RPE and Bruch's membrane	20.6 ± 2.7	20.6 ± 2.7	0.997
<p>Values are presented as mean ± standard deviation. <i>P</i>-values were based on the two-sample <i>t</i>-test. The number represents the amount of OCT-scans. Each OCT scan consisted of 7 B-scans. The segmentation was manually adjusted in one group and compared with the unadjusted segmentation.</p> <p>Abbreviations: PXE; pseudoxanthoma elasticum, GCL; ganglion cell layer, IPL; inner plexiform layer, RPE; retinal pigment epithelium, BM; Bruch's membrane.</p>			