

**Supplementary Table S2 Linear cell density comparison within quadrant ANOVA with post-hoc Tukey HSD test**

	dorsal			ventral			nasal			temporal		
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
GC	Cent.	<i>0.0438</i>	<b>0.0098</b>	Cent.	1	0.228	Cent.	0.1385	<i>0.0334</i>	Cent.	1	0.2083
	Int.		0.9996	Int.		0.2947	Int.		0.9994	Int.		0.361
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
bINC	Cent.	0.6147	0.3501	Cent.	0.9823	0.9916	Cent.	0.7614	0.7051	Cent.	1	0.9987
	Int.		1	Int.		0.6104	Int.		1	Int.		0.9799
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
HC	Cent.	<i>0.0443</i>	<b>0.0009</b>	Cent.	0.9816	<i>0.032</i>	Cent.	0.2152	<b>0.0074</b>	Cent.	0.7774	<i>0.0354</i>
	Int.		0.8778	Int.		0.2839	Int.		0.8825	Int.		0.6818
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
rod	Cent.	0.9128	1	Cent.	0.1284	<b>0.001</b>	Cent.	1	0.2415	Cent.	0.0877	<b>0.0041</b>
	Int.		0.9432	Int.		0.6397	Int.		0.1571	Int.		0.9519
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
UV	Cent.	0.3072	<b>0.0081</b>	Cent.	1	<b>0.0041</b>	Cent.	0.5031	<i>0.0244</i>	Cent.	0.9523	<i>0.0813</i>
	Int.		0.8036	Int.		<i>0.0107</i>	Int.		0.844	Int.		0.6232
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.
RGB	Cent.	0.5671	<i>0.0121</i>	Cent.	1	0.1446	Cent.	<i>0.0125</i>	<b>0.0045</b>	Cent.	0.2068	<i>0.0482</i>
	Int.		0.634	Int.		0.2817	Int.		1	Int.		0.9988
		Int.	Per.		Int.	Per.		Int.	Per.		Int.	Per.

**Supplementary Table S2. Linear cell density comparison within quadrant ANOVA with post-hoc Tukey HSD test.**

The differences in linear densities of six retinal cell categories in the radial dimension within local retinal regions in 15 mpf retina

(n=5) were evaluated statistically with ANOVA and a post-hoc Tukey HSD test. p values  $\leq 0.1$  (red);  $\leq 0.05$  (red, *italic*);  $\leq 0.01$  (**red,**

**bold**);  $\leq 0.001$  (*red, bold, italic*).