

Table 2. Summary of GLM results for comparable ganglion cell types

Cell Type	N _C	N _D	Indep. Variable	DF	Type I SS	F Value	Pr > F	Significance	Type III SS	F Value	Pr > F	Significance
G1	22	18	nucleus	1	1.0306	28.11	<.0001	<.0001	0.9419	25.69	<.0001	<.0001
			light	1	0.0122	0.33	0.5677		0.0122	0.33	0.5677	
G4 OFF	16	8	nucleus	1	1.6651	20.65	0.0002	<.001	1.6605	20.59	0.0002	<.001
			light	1	0.0004	0.01	0.9432		0.0004	0.01	0.9432	
G5	6	8	nucleus	1	0.1478	3.28	0.0976		0.2023	4.49	0.0577	
			light	1	0.1007	2.23	0.1631		0.1007	2.23	0.1631	
G7 ON layer	19	26	nucleus	1	3.1645	138.97	<.0001	<.0001	3.1647	138.98	<.0001	<.0001
			light	1	0.0003	0.01	0.9072		0.0003	0.01	0.9072	
G7 OFF layer	19	26	nucleus	1	3.2706	160.22	<.0001	<.0001	3.2756	160.47	<.0001	<.0001
			light	1	0.0695	3.41	0.0721		0.0695	3.41	0.0721	
G9	6	10	nucleus	1	0.1588	7.69	0.0158	<.05	0.0998	4.83	0.0466	<.05
			light	1	0.0024	0.11	0.7407		0.0024	0.11	0.7407	
G10	8	22	nucleus	1	0.6162	7.34	0.0116	<.05	0.5011	5.97	0.0214	<.05
			light	1	0.0131	0.16	0.6962		0.0131	0.16	0.6962	
G11 ON	6	7	nucleus	1	0.226	15.75	0.0026	<.01	0.0649	4.53	0.0593	
			light	1	0.0101	0.7	0.4211		0.0101	0.7	0.4211	
G11 OFF	8	16	nucleus	1	0.8118	14.11	0.0012	<.01	0.7748	13.47	0.0014	<.01
			light	1	0.0003	0.01	0.9407		0.0003	0.01	0.9407	

N_C and N_D, numbers of analyzed cells in the control and dark reared groups. DF, degree of freedom. SS, sums of squares. P values

larger than 0.05 are shown in boldface.