Both eyes open At Least One Eye Open No Eyes Open

Cohort	Litter	dose	PND15	PND16	PND17	PND18	PND19	PND15	PND16	PND17	PND18	PND19
A	1	0	0.0	88.9	100.0	100.0	100.0	11.1	88.9	100.0	100.0	100.0
88.9	100.0	100.0	100.0	88.9	11.1	0.0	0.0	0.0				
Control				1				30				
A	5	0	25.0	100.0	100.0	100.0	100.0	62.5	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	37.5	0.0	0.0	0.0	0.0				
eyes ope	PND	average	std dev	std err	number	average	std dev	std err	number	average		
A	9	0	0.0	77.8	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0				
both	15	29.0	31.8	6.0	28	9.7	8.5	3.5	6	31.9		
A	13	0	12.5	75.0	100.0	100.0	100.0	12.5	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	87.5	0.0	0.0	0.0	0.0				
both	16	94.4	9.7	1.8	28	69.2	31.5	12.9	6	86.7		
A	17	0	0.0	87.5	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0				
both	17	100.0	0.0	0.0	28	98.1	4.5	1.9	6	96.0		
A	21	0	33.3	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0				
both	18	100.0	0.0	0.0	28	100.0	0.0	0.0	6	98.3		
B	5	0	62.5	100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0				
both	19	100.0	0.0	0.0	28	100.0	0.0	0.0	6	100.0		
B	9	0	37.5	100.0	100.0	100.0	100.0	62.5	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	37.5	0.0	0.0	0.0	0.0				
one	15	41.8	35.8	6.8	28	23.6	16.2	6.6	6	51.7		
B	13	0	0.0	87.5	100.0	100.0	100.0	0.0	87.5	100.0	100.0	100.0
100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0				
one	16	97.0	7.2	1.4	28	83.8	14.9	6.1	6	93.0		
B	17	0	12.5	100.0	100.0	100.0	100.0	12.5	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	87.5	0.0	0.0	0.0	0.0				
one	17	100.0	0.0	0.0	28	100.0	0.0	0.0	6	98.3		
B	21	0	0.0	75.0	100.0	100.0	100.0	0.0	87.5	100.0	100.0	100.0
100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0				
one	18	100.0	0.0	0.0	28	100.0	0.0	0.0	6	99.1		
C	5	0	20.0	80.0	100.0	100.0	100.0	20.0	80.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	80.0	20.0	0.0	0.0	0.0				
one	19	100.0	0.0	0.0	28	100.0	0.0	0.0	6	100.0		
C	9	0	22.2	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0
100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0				

none 15 58.2 35.8 6.8 28 76.4 16.2 6.6
6 48.3
C 13 0 88.9 100.0 100.0 100.0 100.0 100.0
100.0 100.0 100.0 100.0 0.0 0.0 0.0 0.0 0.0
none 16 3.0 7.2 1.4 28 16.2 14.9 6.1
6 7.0
C 17 0 0.0 71.4 100.0 100.0 100.0 0.0
71.4 100.0 100.0 100.0 100.0 28.6 0.0 0.0 0.0
none 17 0.0 0.0 0.0 28 0.0 0.0 0.0
6 1.7
C 21 0 22.2 100.0 100.0 100.0 100.0 22.2
100.0 100.0 100.0 100.0 77.8 0.0 0.0 0.0 0.0
none 18 0.0 0.0 0.0 28 0.0 0.0 0.0
6 0.9
D 1 0 33.3 100.0 100.0 100.0 100.0 55.6
100.0 100.0 100.0 100.0 44.4 0.0 0.0 0.0 0.0
none 19 0.0 0.0 0.0 28 0.0 0.0 0.0
6 0.0
D 5 0 25.0 100.0 100.0 100.0 100.0 37.5
100.0 100.0 100.0 100.0 62.5 0.0 0.0 0.0 0.0
D 9 0 88.9 100.0 100.0 100.0 100.0 100.0
100.0 100.0 100.0 100.0 0.0 0.0 0.0 0.0 0.0
D 13 0 11.1 100.0 100.0 100.0 100.0 11.1
100.0 100.0 100.0 100.0 88.9 0.0 0.0 0.0 0.0
D 17 0 0.0 100.0 100.0 100.0 100.0 11.1
100.0 100.0 100.0 100.0 88.9 0.0 0.0 0.0 0.0
D 21 0 22.2 100.0 100.0 100.0 100.0 22.2
100.0 100.0 100.0 100.0 77.8 0.0 0.0 0.0 0.0
E 1 0 0.0 100.0 100.0 100.0 100.0 0.0
100.0 100.0 100.0 100.0 100.0 0.0 0.0 0.0 0.0
E 5 0 100.0 100.0 100.0 100.0 100.0 100.0
100.0 100.0 100.0 100.0 0.0 0.0 0.0 0.0 0.0
E 9 0 88.9 100.0 100.0 100.0 100.0 100.0
100.0 100.0 100.0 100.0 0.0 0.0 0.0 0.0 0.0
E 13 0 0.0 100.0 100.0 100.0 100.0 66.7
100.0 100.0 100.0 100.0 33.3 0.0 0.0 0.0 0.0
E 17 0 66.7 100.0 100.0 100.0 100.0 77.8
100.0 100.0 100.0 100.0 22.2 0.0 0.0 0.0 0.0
E 21 0 40.0 100.0 100.0 100.0 100.0 40.0
100.0 100.0 100.0 100.0 60.0 0.0 0.0 0.0 0.0

average 29.0 94.4 100.0 100.0 100.0 41.8
97.0 100.0 100.0 100.0 58.2 3.0 0.0 0.0 0.0
std dev 31.8 9.7 0.0 0.0 0.0 35.8
7.2 0.0 0.0 0.0 35.8 7.2 0.0 0.0 0.0
std err 6.0 1.8 0.0 0.0 0.0 6.8
1.4 0.0 0.0 0.0 6.8 1.4 0.0 0.0 0.0
number 28.0 28.0 28.0 28.0 28.0 28.0
28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0 28.0

A 3 30 12.5 100.0 100.0 100.0 100.0 50.0
100.0 100.0 100.0 100.0 50.0 0.0 0.0 0.0 0.0
A 11 30 25.0 100.0 100.0 100.0 100.0 50.0
100.0 100.0 100.0 100.0 50.0 0.0 0.0 0.0 0.0

A	15	30	0.0	62.5	100.0	100.0	100.0	0.0	87.5	100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0
A	23	30	ND	ND	100.0	100.0	100.0	100.0	100.0	100.0			0.0	0.0	0.0		
B	14	30	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
B	18	30	0.0	62.5	100.0	100.0	100.0	0.0	75.0	100.0	100.0	100.0	100.0	25.0	0.0	0.0	0.0
B	22	30	33.3	100.0	100.0	100.0	100.0	77.8	100.0	100.0	100.0	100.0	22.2	0.0	0.0	0.0	0.0
B	25	30	0.0	75.0	100.0	100.0	100.0	25.0	87.5	100.0	100.0	100.0	75.0	12.5	0.0	0.0	0.0
C	2	30	0.0	25.0	75.0	100.0	100.0	0.0	75.0	100.0	100.0	100.0	100.0	25.0	0.0	0.0	0.0
C	6	30	62.5	100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0
C	10	30	44.4	100.0	100.0	100.0	100.0	77.8	100.0	100.0	100.0	100.0	22.2	0.0	0.0	0.0	0.0
C	14	30	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
C	18	30	83.3	100.0	100.0	100.0	100.0	83.3	100.0	100.0	100.0	100.0	16.7	0.0	0.0	0.0	0.0
C	22	30	14.3	100.0	100.0	100.0	100.0	42.9	100.0	100.0	100.0	100.0	57.1	0.0	0.0	0.0	0.0
C	25	30	66.7	100.0	100.0	100.0	100.0	88.9	100.0	100.0	100.0	100.0	11.1	0.0	0.0	0.0	0.0
D	2	30	77.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
D	6	30	0.0	87.5	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
D	10	30	0.0	0.0	22.2	55.6	100.0	0.0	11.1	55.6	77.8	100.0	100.0	88.9	44.4	22.2	0.0
D	18	30	0.0	55.6	100.0	100.0	100.0	0.0	88.9	100.0	100.0	100.0	100.0	11.1	0.0	0.0	0.0
D	22	30	11.1	100.0	100.0	100.0	100.0	44.4	100.0	100.0	100.0	100.0	55.6	0.0	0.0	0.0	0.0
D	25	30	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
E	2	30	0.0	100.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
E	6	30	22.2	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0
E	10	30	44.4	100.0	100.0	100.0	100.0	77.8	100.0	100.0	100.0	100.0	22.2	0.0	0.0	0.0	0.0
E	14	30	50.0	100.0	100.0	100.0	100.0	70.0	100.0	100.0	100.0	100.0	30.0	0.0	0.0	0.0	0.0
E	18	30	0.0	100.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
		average	31.9	86.7	96.0	98.3	100.0	51.7	93.0	98.3	99.1	100.0	48.3	7.0	1.7	0.9	0.0
		std dev	33.1	26.4	15.8	8.7	0.0	37.6	18.7	8.7	4.4	0.0	37.6	18.7	8.7	4.4	0.0

			std err	6.6	5.3	3.1	1.7	0.0	7.5	3.7	1.7	0.9	0.0	7.5	3.7	1.7	0.9
			number	25.0	25.0	26.0	26.0	26.0	25.0	25.0	26.0	26.0	26.0	25.0	25.0	26.0	26.0
A	4	300	11.1	77.8	100.0	100.0	100.0	11.1	77.8	100.0	100.0	100.0	88.9	22.2	0.0	0.0	0.0
A	8	300	25.0	100.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
A	12	300	0.0	100.0	100.0	100.0	100.0	11.1	100.0	100.0	100.0	100.0	88.9	0.0	0.0	0.0	0.0
A	16	300	0.0	0.0	0.0	40.0	100.0	0.0	0.0	20.0	80.0	100.0	100.0	100.0	80.0	20.0	0.0
A	24	300	14.3	100.0	100.0	100.0	100.0	14.3	100.0	100.0	100.0	100.0	85.7	0.0	0.0	0.0	0.0
A	25	300	0.0	75.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
B	3	300	25.0	100.0	100.0	100.0	100.0	37.5	100.0	100.0	100.0	100.0	62.5	0.0	0.0	0.0	0.0
B	7	300	0.0	62.5	100.0	100.0	100.0	12.5	62.5	100.0	100.0	100.0	87.5	37.5	0.0	0.0	0.0
B	11	300	0.0	75.0	100.0	100.0	100.0	12.5	87.5	100.0	100.0	100.0	87.5	12.5	0.0	0.0	0.0
B	15	300	0.0	75.0	100.0	100.0	100.0	12.5	87.5	100.0	100.0	100.0	87.5	12.5	0.0	0.0	0.0
B	19	300	12.5	100.0	100.0	100.0	100.0	37.5	100.0	100.0	100.0	100.0	62.5	0.0	0.0	0.0	0.0
B	23	300	0.0	100.0	100.0	100.0	100.0	37.5	100.0	100.0	100.0	100.0	62.5	0.0	0.0	0.0	0.0
C	3	300	87.5	100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0
C	11	300	50.0	100.0	100.0	100.0	100.0	62.5	100.0	100.0	100.0	100.0	37.5	0.0	0.0	0.0	0.0
C	15	300	12.5	100.0	100.0	100.0	100.0	50.0	100.0	100.0	100.0	100.0	50.0	0.0	0.0	0.0	0.0
C	19	300	55.6	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0
C	23	300	0.0	57.1	100.0	100.0	100.0	14.3	85.7	100.0	100.0	100.0	85.7	14.3	0.0	0.0	0.0
D	3	300	0.0	66.7	88.9	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
D	7	300	37.5	100.0	100.0	100.0	100.0	75.0	100.0	100.0	100.0	100.0	25.0	0.0	0.0	0.0	0.0
D	11	300	42.9	100.0	100.0	100.0	100.0	57.1	100.0	100.0	100.0	100.0	42.9	0.0	0.0	0.0	0.0
D	15	300	11.1	100.0	100.0	100.0	100.0	11.1	100.0	100.0	100.0	100.0	88.9	0.0	0.0	0.0	0.0
D	19	300	11.1	100.0	100.0	100.0	100.0	44.4	100.0	100.0	100.0	100.0	55.6	0.0	0.0	0.0	0.0
D	23	300	33.3	100.0	100.0	100.0	100.0	77.8	100.0	100.0	100.0	100.0	22.2	0.0	0.0	0.0	0.0
D	26	300	22.2	100.0	100.0	100.0	100.0	77.8	100.0	100.0	100.0	100.0	22.2	0.0	0.0	0.0	0.0

E	3	300	11.1	100.0	100.0	100.0	100.0	55.6	100.0	100.0	100.0	100.0	44.4	0.0	0.0	0.0	0.0
E	7	300	33.3	100.0	100.0	100.0	100.0	44.4	100.0	100.0	100.0	100.0	55.6	0.0	0.0	0.0	0.0
E	11	300	11.1	100.0	100.0	100.0	100.0	33.3	100.0	100.0	100.0	100.0	66.7	0.0	0.0	0.0	0.0
E	15	300	0.0	88.9	100.0	100.0	100.0	11.1	88.9	100.0	100.0	100.0	88.9	11.1	0.0	0.0	0.0
E	19	300	44.4	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0
		average	19.0	88.9	96.2	97.9	100.0	36.1	92.8	97.2	99.3	100.0	63.9	7.2	2.8	0.7	0.0
		std dev	21.6	21.8	18.6	11.1	0.0	27.1	19.8	14.9	3.7	0.0	27.1	19.8	14.9	3.7	0.0
		std err	4.0	4.0	3.5	2.1	0.0	5.0	3.7	2.8	0.7	0.0	5.0	3.7	2.8	0.7	0.0
		number	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
B	4	1000	75.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0	0.0
B	8	1000	87.5	100.0	100.0	100.0	100.0	87.5	100.0	100.0	100.0	100.0	12.5	0.0	0.0	0.0	0.0
B	12	1000	12.5	87.5	100.0	100.0	100.0	62.5	100.0	100.0	100.0	100.0	37.5	0.0	0.0	0.0	0.0
B	16	1000	12.5	75.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
B	20	1000	0.0	16.7	100.0	100.0	100.0	14.3	33.3	100.0	100.0	100.0	85.7	66.7	0.0	0.0	0.0
B	24	1000	0.0	66.7	100.0	100.0	100.0	0.0	83.3	100.0	100.0	100.0	100.0	16.7	0.0	0.0	0.0
C	4	1000	10.0	100.0	100.0	100.0	100.0	20.0	100.0	100.0	100.0	100.0	80.0	0.0	0.0	0.0	0.0
C	8	1000	25.0	100.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0
C	12	1000	11.1	100.0	100.0	100.0	100.0	44.4	100.0	100.0	100.0	100.0	55.6	0.0	0.0	0.0	0.0
C	20	1000	0.0	22.2	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
C	24	1000	44.4	100.0	100.0	100.0	100.0	55.6	100.0	100.0	100.0	100.0	44.4	0.0	0.0	0.0	0.0
D	4	1000	0.0	100.0	100.0	100.0	100.0	33.3	100.0	100.0	100.0	100.0	66.7	0.0	0.0	0.0	0.0
D	8	1000	28.6	100.0	100.0	100.0	100.0	42.9	100.0	100.0	100.0	100.0	57.1	0.0	0.0	0.0	0.0
D	12	1000	0.0	62.5	100.0	100.0	100.0	0.0	75.0	100.0	100.0	100.0	100.0	25.0	0.0	0.0	0.0
D	16	1000	0.0	100.0	100.0	100.0	100.0	14.3	100.0	100.0	100.0	100.0	85.7	0.0	0.0	0.0	0.0
D	20	1000	0.0	88.9	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
D	24	1000	0.0	100.0	100.0	100.0	100.0	25.0	100.0	100.0	100.0	100.0	75.0	0.0	0.0	0.0	0.0

D	27	1000	22.2	100.0	100.0	100.0	100.0	44.4	100.0	100.0	100.0	100.0	55.6	0.0	0.0	0.0	0.0
E	4	1000	55.6	100.0	100.0	100.0	100.0	66.7	100.0	100.0	100.0	100.0	33.3	0.0	0.0	0.0	0.0
E	8	1000	0.0	100.0	100.0	100.0	100.0	0.0	100.0	100.0	100.0	100.0	100.0	0.0	0.0	0.0	0.0
E	12	1000	0.0	83.3	100.0	100.0	100.0	16.7	83.3	100.0	100.0	100.0	83.3	16.7	0.0	0.0	0.0
E	16	1000	25.0	100.0	100.0	100.0	100.0	62.5	100.0	100.0	100.0	100.0	37.5	0.0	0.0	0.0	0.0
E	20	1000	11.1	100.0	100.0	100.0	100.0	33.3	100.0	100.0	100.0	100.0	66.7	0.0	0.0	0.0	0.0
		average	18.3	87.1	100.0	100.0	100.0	33.6	94.6	100.0	100.0	100.0	66.4	5.4	0.0	0.0	0.0
		std dev	25.1	24.2	0.0	0.0	0.0	28.6	15.0	0.0	0.0	0.0	28.6	15.0	0.0	0.0	0.0
		std err	5.2	5.0	0.0	0.0	0.0	6.0	3.1	0.0	0.0	0.0	6.0	3.1	0.0	0.0	0.0
		number	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0

300						1000					
std dev	std err	number	average	std dev	std err	number	average	std dev	std err	number	
33.1	6.6	25	19.0	21.6	4.0	29	18.3	25.1	5.2	23	
26.4	5.3	25	88.9	21.8	4.0	29	87.1	24.2	5.0	23	
15.8	3.1	26	96.2	18.6	3.5	29	100.0	0.0	0.0	23	
8.7	1.7	26	97.9	11.1	2.1	29	100.0	0.0	0.0	23	
0.0	0.0	26	100.0	0.0	0.0	29	100.0	0.0	0.0	23	
37.6	7.5	25	36.1	27.1	5.0	29	33.6	28.6	6.0	23	
18.7	3.7	25	92.8	19.8	3.7	29	94.6	15.0	3.1	23	
8.7	1.7	26	97.2	14.9	2.8	29	100.0	0.0	0.0	23	
4.4	0.9	26	99.3	3.7	0.7	29	100.0	0.0	0.0	23	
0.0	0.0	26	100.0	0.0	0.0	29	100.0	0.0	0.0	23	
37.6	7.5	25	63.9	27.1	5.0	29	66.4	28.6	6.0	23	
18.7	3.7	25	7.2	19.8	3.7	29	5.4	15.0	3.1	23	
8.7	1.7	26	2.8	14.9	2.8	29	0.0	0.0	0.0	23	
4.4	0.9	26	0.7	3.7	0.7	29	0.0	0.0	0.0	23	

0.0 0.0 26 0.0 0.0 0.0 29 0.0 0.0
0.0 23