

Open Field

Mouse Strain: C57 Black 6
 Sex: Male
 Age: 7 months
 Trial Length: 10min
 Color Coding: Group 1 Group 2

Distance Moved (cm)

	Group 1				Group 2			
1min	867.7	994.6	1019.1	1353.2	555.3	1004.4	1261.7	1197.1
2min	530.3	646.1	1010.4	1103.4	449.5	1032.9	1077.8	1019.4
3min	750.0	841.5	615.6	918.8	418.9	667.8	854.0	1042.2
4min	525.1	639.9	578.4	896.9	450.3	664.1	929.8	767.8
5min	516.2	408.9	769.6	771.8	95.4	573.4	772.5	790.6
6min	547.0	629.0	667.3	690.4	392.1	633.2	795.5	681.2
7min	428.0	701.7	548.2	692.2	462.1	683.4	753.8	617.3
8min	723.9	512.8	774.3	686.8	609.5	423.0	815.3	794.2
9min	637.1	559.1	635.2	780.3	789.6	550.1	634.4	806.5
10min	638.2	594.8	667.4	635.8	273.8	492.7	733.6	771.7
Total Distance Moved (cm)	6163.5	6528.4	7285.4	8529.6	4496.5	6725.0	8628.4	8488.1

Velocity (cm/s)

	Group 1				Group 2			
1min	14.5	17.7	17.0	22.6	9.3	16.7	21.0	20.0
2min	8.8	12.2	16.8	18.4	7.5	17.2	18.0	17.0
3min	12.5	15.0	10.3	15.3	7.0	11.4	14.2	17.4
4min	8.8	11.1	9.6	15.0	7.5	11.8	15.5	12.8
5min	8.6	6.8	12.8	12.9	1.6	10.8	12.9	13.2
6min	9.1	10.5	11.1	11.5	6.5	11.4	13.3	11.4
7min	7.1	11.7	9.1	11.5	7.7	11.5	12.6	10.3
8min	12.1	8.5	12.9	11.4	10.2	7.1	13.6	13.2
9min	10.6	9.3	10.6	13.0	13.2	9.2	10.6	13.4
10min	10.6	9.9	11.1	10.6	4.6	8.2	12.2	12.9
Mean Velocity (cm/s)	10.3	11.3	12.1	14.2	7.5	11.5	14.4	14.1

Duration in Periphery (s)

	Group 1				Group 2			
1min	58.43	56.56	52.03	45.31	57.20	49.85	49.36	47.21
2min	57.93	45.99	51.41	37.18	59.57	47.13	49.46	50.13
3min	54.13	49.76	56.58	49.64	60.00	50.96	48.96	50.26
4min	59.77	54.76	56.10	43.97	56.03	39.01	42.36	51.70
5min	52.46	53.99	37.81	54.49	60.00	47.09	47.25	50.92
6min	50.46	48.21	47.29	52.25	52.86	52.29	45.65	50.29
7min	55.06	43.52	48.32	40.55	56.68	33.67	51.59	44.55
8min	44.18	55.60	31.94	51.19	48.37	54.81	45.85	50.69
9min	46.05	52.49	44.92	51.69	44.18	41.74	47.79	39.21
10min	47.05	51.42	46.95	47.25	60.00	53.33	52.23	50.26
Total Periphery Duration (s)	525.53	512.31	473.34	473.54	554.89	469.87	480.48	485.22

Duration in Center (s)

	Group 1				Group 2			
1min	1.57	3.44	7.97	14.69	2.80	10.15	10.48	12.79
2min	2.07	14.01	8.59	22.82	0.43	12.87	10.54	9.87
3min	5.87	10.24	3.42	10.36	0.00	9.04	11.04	9.74
4min	0.23	5.24	3.90	16.03	3.97	20.99	17.64	8.30
5min	7.54	6.01	22.19	5.51	0.00	12.91	12.75	9.08
6min	9.54	11.79	12.71	7.75	7.14	7.71	14.35	9.71
7min	4.94	16.48	11.68	19.45	3.32	26.33	8.41	15.45
8min	15.82	4.40	28.06	8.81	11.63	5.19	14.15	9.31
9min	13.95	7.51	15.08	8.31	15.82	18.26	12.21	20.79
10min	12.95	8.58	13.05	12.75	0.00	6.67	7.77	9.74
Total Center Duration (s)	74.47	87.69	126.66	126.46	45.11	130.13	119.35	114.78

Frequency in Periphery

	Group 1				Group 2			
1min	28	33	26	35	16	26	36	34
2min	23	17	32	29	16	25	24	29
3min	20	19	13	25	10	23	22	26
4min	16	15	23	19	15	19	24	19
5min	22	10	19	19	1	17	22	19
6min	12	16	15	17	9	20	18	16
7min	10	16	18	10	13	16	18	14
8min	22	15	19	23	11	11	39	22
9min	19	11	17	18	18	17	16	15
10min	18	12	13	15	6	19	21	24
Total Periphery Frequency	190	164	195	210	115	193	240	218

Frequency in Center

	Group 1				Group 2			
1min	2	8	9	19	2	10	20	14
2min	5	9	12	18	1	14	16	15
3min	6	11	6	14	0	7	15	13
4min	1	4	3	9	4	12	16	9
5min	6	4	20	8	0	4	12	13
6min	11	11	10	7	5	6	12	11
7min	3	7	7	12	2	14	8	12
8min	10	6	21	10	11	3	13	8
9min	8	6	9	3	9	11	12	15
10min	6	3	10	5	0	4	8	10
Total Center Frequency	58	69	107	105	34	85	132	120