

Appendix A. Table 5. Analysis of variance of body temperature data of 12 wk old Leghorn cockerels which received ICV injections of histamine (0,25, 50, 100µg/10µl) (Chapter 1).

	df	Sum of squares	Mean Square	F Value	Pr > F
TEMPERATURE 0- 15					
TRT	3	0.049	0.165	1.66	0.1848
DAY	1	0.108	0.108	1.10	0.2995
BIRD	1	0.042	0.042	0.43	0.5170
TEMPERATURE 0- 30					
TRT	3	0.236	0.078	0.79	0.5030
DAY	1	0.406	0.406	4.08	0.0481
BIRD	1	0.048	0.048	0.48	0.4904
TEMPERATURE 0- 45					
TRT	3	0.147	0.047	0.56	0.6404
DAY	1	0.399	0.399	4.77	0.0330
BIRD	1	0.123	0.123	1.48	0.2292
TEMPERATURE 0- 60					
TRT	3	0.201	0.067	0.64	0.5947
DAY	1	0.294	0.294	2.78	0.1007
BIRD	1	0.013	0.013	0.12	0.7269
TEMPERATURE 0- 75					
TRT	3	0.275	0.091	0.52	0.6673
DAY	1	0.132	0.132	0.76	0.3877
BIRD	1	0.001	0.001	0.01	0.9220
TEMPERATURE 0- 90					
TRT	3	0.164	0.054	0.42	0.7379
DAY	1	0.175	0.175	1.36	0.2491
BIRD	1	0.000	0.000	0.00	0.9799
TEMPERATURE 0-105					
TRT	3	0.213	0.071	0.55	0.6525
DAY	1	0.210	0.210	1.62	0.2087
BIRD	1	0.060	0.060	0.47	0.4970
TEMPERATURE 0-120					
TRT	3	0.655	0.217	1.27	0.2922
DAY	1	0.552	0.552	3.24	0.0771
BIRD	1	0.368	0.368	2.16	0.1471
TEMPERATURE 0-135					
TRT	3	0.998	0.332	1.50	0.2253
DAY	1	0.236	0.236	1.06	0.3067
BIRD	1	0.325	0.325	1.46	0.2313
TEMPERATURE 0-150					
TRT	3	0.947	0.315	1.14	0.3422
DAY	1	0.236	0.236	0.85	0.3603
BIRD	1	0.270	0.270	0.97	0.3280
TEMPERATURE 0-165					
TRT	3	2.371	0.791	2.70	0.0538
DAY	1	0.112	0.112	0.38	0.5376
BIRD	1	0.005	0.005	0.02	0.8931
TEMPERATURE 0-180					
TRT	3	2.522	0.841	2.65	0.0570
DAY	1	0.258	0.258	0.82	0.3700
BIRD	1	0.001	0.001	0.00	0.9485

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	df	Sum of squares	Mean Square	F Value	Pr > F
TEMPERATURE 0- 15					
LINEAR	1	0.180	0.180	1.82	0.1829
QUADRATIC	1	0.313	0.313	3.16	0.0807
TEMPERATURE 0- 30					
LINEAR	1	0.080	0.080	0.80	0.3734
QUADRATIC	1	0.106	0.106	1.07	0.3055
TEMPERATURE 0- 45					
LINEAR	1	0.057	0.057	0.68	0.4124
QUADRATIC	1	0.058	0.058	0.70	0.4067
TEMPERATURE 0- 60					
LINEAR	1	0.016	0.016	0.16	0.6932
QUADRATIC	1	0.055	0.055	0.53	0.4714
TEMPERATURE 0- 75					
LINEAR	1	0.002	0.002	0.01	0.9237
QUADRATIC	1	0.069	0.069	0.40	0.5298
TEMPERATURE 0- 90					
LINEAR	1	0.003	0.003	0.03	0.8747
QUADRATIC	1	0.038	0.038	0.29	0.5895
TEMPERATURE 0-105					
LINEAR	1	0.000	0.000	0.00	0.9907
QUADRATIC	1	0.001	0.001	0.01	0.9158
TEMPERATURE 0-120					
LINEAR	1	0.038	0.038	0.23	0.6361
QUADRATIC	1	0.005	0.005	0.03	0.8575
TEMPERATURE 0-135					
LINEAR	1	0.067	0.067	0.30	0.5837
QUADRATIC	1	0.101	0.101	0.46	0.5025
TEMPERATURE 0-150					
LINEAR	1	0.078	0.078	0.28	0.5962
QUADRATIC	1	0.350	0.350	1.26	0.2662
TEMPERATURE 0-165					
LINEAR	1	0.135	0.135	0.46	0.4994
QUADRATIC	1	1.300	1.300	4.44	0.0394
TEMPERATURE 0-180					
LINEAR	1	0.104	0.104	0.33	0.5681
QUADRATIC	1	1.500	1.500	4.73	0.0337