

Appendix B. Table 3. Analysis of variance of cumulative feed and water intake data of Leghorn cockerels which received ICV injections of cimetidine (100µg) followed by corticotropin releasing factor(0,20µg/10µl) (Chapter 2).

	df	Sum of squares	Mean Square	F Value	Pr > F
FCON 0- 15					
TRT	3	6.610	2.203	0.55	0.6545
DAY	3	56.010	18.670	4.67	0.0158
BIRD	9	22.088	2.454	0.61	0.7684
WCON 0- 15					
TRT	3	14.764	4.921	0.45	0.7207
DAY	3	41.926	13.975	1.28	0.3156
BIRD	9	100.841	11.204	1.02	0.4616
FCON 0- 30					
TRT	3	21.815	7.271	1.05	0.3966
DAY	3	38.474	12.824	1.86	0.1777
BIRD	9	77.133	8.570	1.24	0.3383
WCON 0- 30					
TRT	3	70.179	23.393	1.32	0.3041
DAY	3	135.247	45.082	2.53	0.0935
BIRD	9	390.384	43.376	2.44	0.0575
FCON 0- 45					
TRT	3	50.448	16.816	1.72	0.2032
DAY	3	109.134	36.378	3.72	0.0334
BIRD	9	60.185	6.687	0.68	0.7135
WCON 0- 45					
TRT	3	126.182	42.060	1.80	0.1885
DAY	3	385.514	128.504	5.49	0.0087
BIRD	9	444.771	49.419	2.11	0.0923
FCON 0- 60					
TRT	3	57.000	19.000	1.86	0.1773
DAY	3	129.745	43.248	4.23	0.0221
BIRD	9	61.970	6.885	0.67	0.7217
WCON 0- 60					
TRT	3	220.171	73.390	1.95	0.1619
DAY	3	466.768	155.589	4.14	0.0238
BIRD	9	832.992	92.555	2.46	0.0556
FCON 0- 75					
TRT	3	69.748	23.249	2.12	0.1378
DAY	3	85.350	28.450	2.59	0.0885
BIRD	9	74.925	8.325	0.76	0.6540
WCON 0- 75					
TRT	3	364.595	121.531	3.30	0.0475
DAY	3	557.061	185.687	5.04	0.0120
BIRD	9	1172.836	130.315	3.54	0.0135
FCON 0- 90					
TRT	3	96.675	32.225	2.94	0.0648
DAY	3	106.952	35.650	3.25	0.0494
BIRD	9	74.390	8.265	0.75	0.6577

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0- 90					
TRT	3	483.824	161.274	2.74	0.0779
DAY	3	744.890	248.296	4.21	0.0225
BIRD	9	1588.822	176.535	2.99	0.0268
FCON 0-105					
TRT	3	131.790	43.930	3.23	0.0505
DAY	3	208.564	69.521	5.11	0.0114
BIRD	9	86.669	9.629	0.71	0.6949
WCON 0-105					
TRT	3	635.644	211.881	3.13	0.0548
DAY	3	1114.582	371.527	5.49	0.0087
BIRD	9	2031.310	225.701	3.34	0.0172
FCON 0-120					
TRT	3	216.867	72.289	5.75	0.0072
DAY	3	259.782	86.594	6.89	0.0034
BIRD	9	85.797	9.53	0.76	0.6544
WCON 0-120					
TRT	3	941.090	313.696	2.65	0.0840
DAY	3	1389.784	463.261	3.92	0.0284
BIRD	9	2739.302	304.366	2.57	0.0476
FCON 0-135					
TRT	3	224.864	74.954	5.17	0.0109
DAY	3	225.505	75.168	5.19	0.0108
BIRD	9	119.567	13.285	0.92	0.5354
WCON 0-135					
TRT	3	1285.867	428.622	3.21	0.0513
DAY	3	1277.027	425.675	3.19	0.0522
BIRD	9	2772.896	308.099	2.31	0.0693
FCON 0-150					
TRT	3	277.432	92.477	6.21	0.0053
DAY	3	396.843	132.281	8.88	0.0011
BIRD	9	118.787	13.198	0.89	0.5574
WCON 0-150					
TRT	3	1723.024	574.341	4.32	0.0207
DAY	3	1489.548	496.516	3.73	0.0330
BIRD	9	3942.127	438.014	3.29	0.0182
FCON 0-165					
TRT	3	287.259	95.753	6.00	0.0061
DAY	3	379.103	126.367	7.92	0.0018
BIRD	9	129.266	14.362	0.90	0.5469
WCON 0-165					
TRT	3	2218.086	739.362	3.77	0.0321
DAY	3	1998.223	666.074	3.39	0.0438
BIRD	9	5216.406	579.600	2.95	0.0284
FCON 0-180					
TRT	3	305.198	101.732	5.56	0.0083
DAY	3	355.627	118.542	6.48	0.0045
BIRD	9	119.854	13.317	0.73	0.6784

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0-180					
TRT	3	2348.367	782.789	3.55	0.0385
DAY	3	2073.859	691.286	3.13	0.0548
BIRD	9	6351.021	705.669	3.20	0.0206
FCON 0- 15					
A VS B	1	1.388	1.288	0.35	0.5638
A VS D	1	5.880	5.880	1.47	0.2427
A VS C	1	3.544	3.544	0.89	0.3603
B VS D	1	0.997	0.997	0.25	0.6241
WCON 0- 15					
A VS B	1	10.622	10.622	0.97	0.3390
A VS D	1	6.250	6.250	0.57	0.4606
A VS C	1	0.447	0.447	0.04	0.8423
B VS D	1	1.029	1.029	0.09	0.7630
FCON 0- 30					
A VS B	1	5.845	5.845	0.85	0.3710
A VS D	1	20.930	20.930	3.03	0.1010
A VS C	1	2.724	2.724	0.39	0.5389
B VS D	1	2.850	2.850	0.41	0.5298
WCON 0- 30					
A VS B	1	52.593	52.593	2.96	0.1048
A VS D	1	0.000	0.000	0.00	1.0000
A VS C	1	1.225	1.225	0.07	0.7963
B VS D	1	52.595	52.595	2.96	0.1048
FCON 0- 45					
A VS B	1	19.850	19.850	2.03	0.1735
A VS D	1	40.322	40.322	4.12	0.0593
A VS C	1	2.371	2.371	0.24	0.6291
B VS D	1	1.553	1.553	0.16	0.6955
WCON 0- 45					
A VS B	1	76.790	76.790	3.28	0.0890
A VS D	1	0.000	0.000	0.00	1.0000
A VS C	1	1.125	1.125	0.05	0.8293
B VS D	1	76.790	76.790	3.28	0.0890
FCON 0- 60					
A VS B	1	24.102	24.102	2.36	0.1442
A VS D	1	40.960	40.960	4.01	0.0626
A VS C	1	1.419	1.419	0.14	0.7143
B VS D	1	0.700	0.700	0.07	0.7968
WCON 0- 60					
A VS B	1	23.209	23.209	3.96	0.0641
A VS D	1	0.000	0.000	0.00	1.0000
A VS C	1	0.001	0.001	0.00	0.9970
B VS D	1	148.714	148.714	3.96	0.0641
FCON 0- 75					
A VS B	1	38.549	38.549	3.52	0.0792
A VS D	1	44.555	44.555	4.06	0.0609
A VS C	1	2.577	2.577	0.24	0.6344
B VS D	1	0.046	0.046	0.00	0.9489

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0- 75					
A VS B	1	209.125	209.125	5.67	0.0300
A VS D	1	1.562	1.562	0.04	0.8395
A VS C	1	4.307	4.307	0.12	0.7369
B VS D	1	242.846	242.846	6.59	0.0207
FCON 0- 90					
A VS B	1	59.300	59.300	5.41	0.0335
A VS D	1	58.140	58.140	5.31	0.0350
A VS C	1	4.440	4.440	0.41	0.5333
B VS D	1	0.729	0.729	0.07	0.7996
WCON 0- 90					
A VS B	1	421.325	421.325	7.15	0.0167
A VS D	1	56.250	56.250	0.95	0.3432
A VS C	1	15.916	15.916	0.27	0.6104
B VS D	1	190.221	190.221	3.23	0.0913
FCON 0-105					
A VS B	1	78.418	78.418	5.76	0.0289
A VS D	1	68.062	68.062	5.00	0.0400
A VS C	1	2.175	2.175	0.16	0.6946
B VS D	1	2.096	2.096	0.15	0.7000
WCON 0-105					
A VS B	1	590.654	590.654	8.73	0.0093
A VS D	1	76.562	76.562	1.13	0.3031
A VS C	1	48.504	48.504	0.72	0.4095
B VS D	1	270.499	270.499	4.00	0.0628
FCON 0-120					
A VS B	1	146.407	146.407	11.65	0.0036
A VS D	1	121.550	121.550	9.67	0.0067
A VS C	1	12.358	12.358	0.98	0.3361
B VS D	1	4.843	4.843	0.39	0.5435
WCON 0-120					
A VS B	1	888.476	888.476	7.51	0.0145
A VS D	1	76.562	76.562	0.65	0.4329
A VS C	1	100.634	100.634	0.85	0.3701
B VS D	1	481.835	481.835	4.07	0.0607
FCON 0-135					
A VS B	1	151.018	151.018	10.42	0.0053
A VS D	1	113.422	113.422	7.82	0.0129
A VS C	1	7.998	7.998	0.55	0.4683
B VS D	1	7.433	7.433	0.51	0.4842
WCON 0-135					
A VS B	1	1285.275	1285.275	9.63	0.0068
A VS D	1	264.062	264.062	1.98	0.1788
A VS C	1	329.395	329.395	2.47	0.1358
B VS D	1	451.990	451.990	3.38	0.0844
FCON 0-150					
A VS B	1	168.964	168.964	11.34	0.0039
A VS D	1	114.490	114.490	7.69	0.0136
A VS C	1	1.225	1.225	0.08	0.7779
B VS D	1	11.500	11.500	0.77	0.3926

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WCON 0-150					
A VS B	1	1703.070	1703.070	12.81	0.0025
A VS D	1	400.000	400.000	3.01	0.1021
A VS C	1	347.208	347.208	2.61	0.1256
B VS D	1	543.381	543.381	4.09	0.0603
FCON 0-165					
A VS B	1	178.707	178.707	11.20	0.0041
A VS D	1	119.902	119.902	7.52	0.0145
A VS C	1	1.873	1.873	0.12	0.7362
B VS D	1	12.505	12.505	0.78	0.3890
WCON 0-165					
A VS B	1	2066.206	2066.206	10.53	0.0051
A VS D	1	826.562	826.562	4.21	0.0569
A VS C	1	391.509	391.509	1.99	0.1770
B VS D	1	385.780	385.780	1.97	0.1800
FCON 0-180					
A VS B	1	181.244	181.244	9.91	0.0062
A VS D	1	114.490	114.490	6.26	0.0236
A VS C	1	0.259	0.259	0.01	0.9066
B VS D	1	14.863	14.863	0.81	0.3807
WCON 0-180					
A VS B	1	2111.583	2111.583	9.57	0.0070
A VS D	1	976.562	976.562	4.43	0.0516
A VS C	1	374.362	374.362	1.70	0.2112
B VS D	1	320.159	320.159	1.45	0.2459