

Appendix B. Table 4. Analysis of variance of cumulative feed and water intake data of broilers 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	42.464	14.154	13.43	0.0001
DAY	3	0.988	0.329	0.31	0.8160
BIRD	7	6.691	0.955	0.91	0.5227
WCON 0- 15					
TRT	3	31.473	10.491	1.08	0.3824
DAY	3	6.250	2.083	0.21	0.8850
BIRD	7	87.723	12.531	1.29	0.3097
FCON 0- 30					
TRT	3	104.392	34.797	18.82	0.0001
DAY	3	6.357	2.119	1.15	0.3573
BIRD	7	16.022	2.288	1.24	0.3335
WCON 0- 30					
TRT	3	51.674	17.224	4.37	0.0177
DAY	3	133.593	44.531	11.29	0.0002
BIRD	7	161.049	23.007	5.83	0.0012
FCON 0- 45					
TRT	3	180.472	60.157	27.22	0.0001
DAY	3	5.548	1.849	0.84	0.4912
BIRD	7	18.869	2.695	1.22	0.3423
WCON 0- 45					
TRT	3	172.767	57.589	4.76	0.0130
DAY	3	159.375	53.125	4.39	0.0174
BIRD	7	210.267	30.038	2.48	0.0569
FCON 0- 60					
TRT	3	252.046	84.015	24.56	0.0001
DAY	3	4.898	1.632	0.48	0.7021
BIRD	7	24.282	3.468	1.01	0.4542
WCON 0- 60					
TRT	3	286.049	95.349	4.83	0.0123
DAY	3	264.843	88.281	4.47	0.0163
BIRD	7	195.424	27.917	1.41	0.2597
FCON 0- 75					
TRT	3	340.772	113.590	27.89	0.0001
DAY	3	7.895	2.631	0.65	0.5954
BIRD	7	20.160	2.880	0.71	0.6666
WCON 0- 75					
TRT	3	389.062	129.687	5.24	0.0089
DAY	3	353.125	117.708	4.76	0.0130
BIRD	7	382.812	54.687	2.21	0.0830
FCON 0- 90					
TRT	3	439.177	146.392	31.60	0.0001
DAY	3	19.031	6.343	1.37	0.2840
BIRD	7	32.684	4.669	1.01	0.4579

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0- 90					
TRT	3	453.571	151.190	3.89	0.0264
DAY	3	284.375	94.791	2.44	0.0978
BIRD	7	309.821	44.260	1.14	0.3831
FCON 0-105					
TRT	3	496.904	165.634	32.81	0.0001
DAY	3	17.258	5.752	1.14	0.3598
BIRD	7	34.061	4.865	0.96	0.4854
WCON 0-105					
TRT	3	644.754	214.918	4.47	0.0163
DAY	3	546.093	182.031	3.79	0.0288
BIRD	7	535.379	76.482	1.59	0.2014
FCON 0-120					
TRT	3	619.991	206.663	28.15	0.0001
DAY	3	19.201	6.400	0.87	0.4740
BIRD	7	34.988	4.998	0.68	0.6866
WCON 0-120					
TRT	3	995.535	331.845	5.58	0.0069
DAY	3	559.375	186.458	3.14	0.0511
BIRD	7	558.035	79.719	1.34	0.2883
FCON 0-135					
TRT	3	780.210	260.070	30.35	0.0001
DAY	3	41.436	13.812	1.61	0.2216
BIRD	7	43.823	6.260	0.73	0.6489
WCON 0-135					
TRT	3	1154.687	384.895	6.29	0.0042
DAY	3	543.750	181.250	2.96	0.0599
BIRD	7	773.437	110.491	1.81	0.1478
FCON 0-150					
TRT	3	1027.804	342.601	30.27	0.0001
DAY	3	53.703	17.901	1.58	0.2286
BIRD	7	80.438	11.491	1.02	0.4535
WCON 0-150					
TRT	3	1365.848	455.282	7.27	0.0021
DAY	3	531.250	177.083	2.83	0.0679
BIRD	7	847.098	121.014	1.93	0.1234
FCON 0-165					
TRT	3	1113.619	371.206	27.72	0.0001
DAY	3	80.830	26.943	2.01	0.1483
BIRD	7	101.062	14.437	1.08	0.4164
WCON 0-165					
TRT	3	1701.562	567.187	7.50	0.0018
DAY	3	500.000	166.666	2.20	0.1228
BIRD	7	1382.812	197.544	2.61	0.0476
FCON 0-180					
TRT	3	1249.343	416.447	23.27	0.0001
DAY	3	89.485	29.828	1.67	0.2097
BIRD	7	123.677	17.668	0.99	0.4707

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0-180					
TRT	3	2053.125	684.375	8.00	0.0013
DAY	3	631.250	210.416	2.46	0.0960
BIRD	7	1546.875	220.982	2.58	0.0497
FCON 0- 15					
A VS B	1	34.161	34.161	32.42	0.0001
A VS D	1	1.755	1.755	1.67	0.2132
A VS C	1	0.664	0.664	0.63	0.4375
B VS D	1	21.160	21.160	20.08	0.0003
WCON 0- 15					
A VS B	1	25.007	25.007	2.58	0.1259
A VS D	1	14.231	14.231	1.47	0.2417
A VS C	1	1.785	1.785	0.18	0.6731
B VS D	1	1.562	1.562	0.16	0.6930
FCON 0- 30					
A VS B	1	88.651	88.651	47.96	0.0001
A VS D	1	4.810	4.810	2.60	0.1241
A VS C	1	4.290	4.290	2.32	0.1450
B VS D	1	54.022	54.022	29.22	0.0001
WCON 0- 30					
A VS B	1	48.037	48.037	12.18	0.0026
A VS D	1	4.071	4.071	1.03	0.3230
A VS C	1	7.142	7.142	1.81	0.1951
B VS D	1	25.000	25.000	6.34	0.0215
FCON 0- 45					
A VS B	1	152.374	152.374	68.95	0.0001
A VS D	1	4.515	4.515	2.04	0.1700
A VS C	1	12.635	12.635	5.72	0.0279
B VS D	1	108.160	108.160	48.94	0.0001
WCON 0- 45					
A VS B	1	146.582	146.582	12.11	0.0027
A VS D	1	5.203	5.203	0.43	0.5203
A VS C	1	44.642	44.642	3.69	0.0708
B VS D	1	100.000	100.000	8.26	0.0101
FCON 0- 60					
A VS B	1	206.666	206.666	60.41	0.0001
A VS D	1	3.786	3.786	1.11	0.3067
A VS C	1	16.071	16.071	4.70	0.0439
B VS D	1	160.022	160.022	46.77	0.0001
WCON 0- 60					
A VS B	1	280.795	280.795	14.22	0.0014
A VS D	1	48.037	48.037	2.43	0.1362
A VS C	1	54.017	54.017	2.74	0.1154
B VS D	1	100.000	100.000	5.07	0.0371
FCON 0- 75					
A VS B	1	288.910	288.910	70.93	0.0001
A VS D	1	8.824	8.824	2.17	0.1583
A VS C	1	25.245	25.245	6.20	0.0228
B VS D	1	203.775	203.775	50.03	0.0001

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0- 75					
A VS B	1	362.446	362.446	14.65	0.0012
A VS D	1	30.549	30.549	1.23	0.2811
A VS C	1	87.500	87.500	3.54	0.0763
B VS D	1	189.062	189.062	7.64	0.0128
FCON 0- 90					
A VS B	1	393.343	393.343	84.91	0.0001
A VS D	1	22.795	22.795	4.92	0.0396
A VS C	1	45.901	45.901	9.91	0.0056
B VS D	1	234.855	234.855	50.70	0.0001
WCON 0- 90					
A VS B	1	421.459	421.459	10.84	0.0040
A VS D	1	33.528	33.528	0.86	0.3653
A VS C	1	75.446	75.446	1.94	0.1805
B VS D	1	225.000	225.000	5.79	0.0271
FCON 0-105					
A VS B	1	430.149	430.149	85.22	0.0001
A VS D	1	17.704	17.704	3.51	0.0774
A VS C	1	39.446	39.446	7.81	0.0120
B VS D	1	283.080	283.080	56.08	0.0001
WCON 0-105					
A VS B	1	569.458	569.458	11.84	0.0029
A VS D	1	29.587	29.587	0.62	0.4430
A VS C	1	161.160	161.160	3.35	0.0837
B VS D	1	351.562	351.562	7.31	0.0145
FCON 0-120					
A VS B	1	548.385	548.385	74.69	0.0001
A VS D	1	26.431	26.431	3.60	0.0739
A VS C	1	64.930	64.930	8.84	0.0081
B VS D	1	345.960	345.960	47.12	0.0001
WCON 0-120					
A VS B	1	910.837	910.837	15.32	0.0010
A VS D	1	65.147	65.147	1.10	0.3090
A VS C	1	236.160	236.160	3.97	0.0616
B VS D	1	506.250	506.250	8.52	0.0092
FCON 0-135					
A VS B	1	699.678	699.678	81.66	0.0001
A VS D	1	38.256	38.256	4.46	0.0488
A VS C	1	94.900	94.900	11.08	0.0037
B VS D	1	425.390	425.390	49.65	0.0001
WCON 0-135					
A VS B	1	980.980	980.980	16.03	0.0008
A VS D	1	30.549	30.549	0.50	0.4889
A VS C	1	87.500	87.500	1.43	0.2473
B VS D	1	689.062	689.062	11.26	0.0035
FCON 0-150					
A VS B	1	932.357	932.357	82.37	0.0001
A VS D	1	56.504	56.504	4.99	0.0384
A VS C	1	145.608	145.608	12.86	0.0021
B VS D	1	548.730	548.730	48.48	0.0001

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WCON 0-150					
A VS B	1	1176.731	1176.731	18.78	0.0004
A VS D	1	36.645	36.645	0.58	0.4543
A VS C	1	161.160	161.160	2.57	0.1262
B VS D	1	826.562	826.562	13.19	0.0019
FCON 0-165					
A VS B	1	1039.307	1039.307	77.61	0.0001
A VS D	1	86.843	86.843	6.49	0.0202
A VS C	1	222.402	222.402	16.61	0.0007
B VS D	1	544.055	544.055	40.63	0.0001
WCON 0-165					
A VS B	1	1496.928	1496.928	19.80	0.0003
A VS D	1	63.739	63.739	0.84	0.3707
A VS C	1	196.875	196.875	2.60	0.1240
B VS D	1	976.562	976.562	12.92	0.0021
FCON 0-180					
A VS B	1	1144.215	1144.215	63.93	0.0001
A VS D	1	76.478	76.478	4.27	0.0534
A VS C	1	235.340	235.340	13.15	0.0019
B VS D	1	651.525	651.525	36.40	0.0001
WCON 0-180					
A VS B	1	1848.060	1848.060	21.59	0.0002
A VS D	1	122.198	122.198	1.43	0.2476
A VS C	1	196.875	196.875	2.30	0.1467
B VS D	1	1056.250	1056.250	12.34	0.0025