

Appendix C. Table 2. Analysis of variance of cumulative feed and water intake data of broiler cockerels which received ICV injections of bombesin(0,0.5µg/10µl) followed by alpha CRF (0,5µg/10µl) (Chapter 3).

	df	Sum of squares	Mean Square	F Value	Pr > F
FCON 0- 15					
TRT	3	54.93	18.31	24.85	0.0001
DAY	3	5.42	1.81	2.45	0.0967
BIRD	7	11.64	1.66	2.26	0.0776
WCON 0- 15					
TRT	3	27.34	9.11	0.79	0.5154
DAY	3	8.59	2.86	0.25	0.8616
BIRD	7	99.22	14.17	1.23	0.3385
FCON 0- 30					
TRT	3	83.54	27.85	38.52	0.0001
DAY	3	11.87	3.96	5.47	0.0075
BIRD	7	58.36	8.34	11.53	0.0001
WCON 0- 30					
TRT	3	18.75	6.25	0.45	0.7204
DAY	3	143.75	47.92	3.45	0.0386
BIRD	7	175.00	25.00	1.80	0.1489
FCON 0- 45					
TRT	3	208.08	69.36	39.12	0.0001
DAY	3	9.68	3.23	1.82	0.1795
BIRD	7	74.26	10.61	5.98	0.0010
WCON 0- 45					
TRT	3	27.34	9.11	0.25	0.8607
DAY	3	221.09	73.70	2.02	0.1477
BIRD	7	342.96	48.99	1.34	0.2884
FCON 0- 60					
TRT	3	305.33	101.78	4.54	0.0001
DAY	3	7.77	2.59	0.63	0.6080
BIRD	7	150.24	21.46	5.18	0.0023
WCON 0- 60					
TRT	3	178.12	59.37	1.06	0.3897
DAY	3	215.62	71.87	1.29	0.3095
BIRD	7	921.87	131.69	2.36	0.0677
FCON 0- 75					
TRT	3	396.77	132.25	28.75	0.0001
DAY	3	5.04	1.68	0.37	0.7787
BIRD	7	183.36	26.19	5.70	0.0014
WCON 0- 75					
TRT	3	133.59	44.53	0.70	0.5643
DAY	3	164.84	54.94	0.86	0.4779
BIRD	7	1436.71	205.24	3.23	0.0213
FCON 0- 90					
TRT	3	412.35	137.45	28.54	0.0001
DAY	3	6.24	2.08	0.43	0.7323
BIRD	7	175.86	25.12	5.22	0.0022

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WCON 0- 90					
TRT	3	83.59	27.86	0.31	0.8190
DAY	3	233.59	77.86	0.86	0.4789
BIRD	7	2242.96	320.42	3.55	0.0143
FCON 0-105					
TRT	3	469.63	156.54	32.50	0.0001
DAY	3	7.13	2.37	0.49	0.6912
BIRD	7	124.50	17.78	3.69	0.0119
WCON 0-105					
TRT	3	39.84	13.28	0.12	0.9477
DAY	3	196.09	65.36	0.59	0.6319
BIRD	7	3261.71	465.95	4.18	0.0068
FCON 0-120					
TRT	3	433.07	144.35	17.95	0.0001
DAY	3	20.85	6.95	0.86	0.4774
BIRD	7	138.21	19.74	2.46	0.0590
WCON 0-120					
TRT	3	134.37	44.79	0.33	0.8014
DAY	3	234.37	78.12	0.58	0.6348
BIRD	7	2659.37	379.91	2.83	0.0357
FCON 0-135					
TRT	3	432.10	144.03	16.02	0.0001
DAY	3	42.24	14.08	1.57	0.2322
BIRD	7	147.31	21.04	2.34	0.0692
WCON 0-135					
TRT	3	296.09	98.69	0.82	0.4992
DAY	3	171.09	57.03	0.47	0.7040
BIRD	7	2792.96	398.99	3.32	0.0189
FCON 0-150					
TRT	3	409.97	136.65	15.30	0.0001
DAY	3	42.66	14.22	1.59	0.2261
BIRD	7	152.39	21.77	2.44	0.0605
WCON 0-150					
TRT	3	483.59	161.19	1.13	0.3628
DAY	3	196.09	65.36	0.46	0.7144
BIRD	7	3142.96	448.99	3.15	0.0234
FCON 0-165					
TRT	3	454.28	151.42	10.65	0.0003
DAY	3	73.20	24.40	1.72	0.1994
BIRD	7	212.05	30.29	2.13	0.0928
WCON 0-165					
TRT	3	718.75	239.58	1.72	0.1994
DAY	3	393.75	131.25	0.94	0.4418
BIRD	7	2775.00	396.42	2.84	0.0351
FCON 0-180					
TRT	3	481.88	160.62	9.86	0.0005
DAY	3	66.71	22.23	1.36	0.2853
BIRD	7	246.86	35.26	2.16	0.0886

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0-180					
TRT	3	781.25	260.41	1.77	0.1891
DAY	3	431.25	143.75	0.98	0.4257
BIRD	7	3675.00	525.00	3.57	0.0139
FCON 0- 15					
A VS B	1	48.30	48.30	65.57	0.0001
A VS D	1	1.62	1.62	2.21	0.1547
A VS C	1	5.76	5.76	7.82	0.0119
B VS D	1	20.70	20.70	28.10	0.0001
WCON 0- 15					
A VS B	1	25.00	25.00	2.17	0.1584
A VS D	1	1.56	1.56	0.14	0.7173
A VS C	1	6.25	6.25	0.54	0.4714
B VS D	1	6.25	6.25	0.54	0.4714
FCON 0- 30					
A VS B	1	69.72	69.72	96.45	0.0001
A VS D	1	1.15	1.15	1.60	0.2222
A VS C	1	5.40	5.40	7.48	0.0136
B VS D	1	36.30	36.30	50.21	0.0001
WCON 0- 30					
A VS B	1	14.06	14.06	1.01	0.3276
A VS D	1	0.00	0.00	0.00	1.0000
A VS C	1	1.56	1.56	0.11	0.7412
B VS D	1	6.25	6.25	0.45	0.5109
FCON 0- 45					
A VS B	1	182.92	182.92	103.17	0.0001
A VS D	1	6.12	6.12	3.45	0.0795
A VS C	1	21.85	21.85	12.33	0.0025
B VS D	1	78.32	78.32	44.17	0.0001
WCON 0- 45					
A VS B	1	14.06	14.06	0.38	0.5428
A VS D	1	25.00	25.00	0.68	0.4190
A VS C	1	6.25	6.25	0.17	0.6841
B VS D	1	1.56	1.56	0.04	0.8385
FCON 0- 60					
A VS B	1	254.40	254.40	61.34	0.0001
A VS D	1	6.50	6.50	1.57	0.2266
A VS C	1	11.39	11.39	2.75	0.1148
B VS D	1	158.13	158.13	38.13	0.0001
WCON 0- 60					
A VS B	1	126.56	126.56	2.26	0.1498
A VS D	1	126.56	126.56	2.26	0.1498
A VS C	1	25.00	25.00	0.45	0.5122
B VS D	1	39.06	39.06	0.70	0.4142
FCON 0- 75					
A VS B	1	319.51	319.51	69.46	0.0001
A VS D	1	2.03	2.03	0.44	0.5148
A VS C	1	27.82	27.82	6.05	0.0243
B VS D	1	158.76	158.76	34.51	0.0001

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0- 75					
A VS B	1	56.25	56.25	0.88	0.3595
A VS D	1	126.56	126.56	1.99	0.1755
A VS C	1	25.00	25.00	0.39	0.5386
B VS D	1	6.25	6.25	0.10	0.7576
FCON 0- 90					
A VS B	1	299.29	299.29	62.14	0.0001
A VS D	1	0.27	0.27	0.06	0.8136
A VS C	1	23.52	23.52	4.88	0.0403
B VS D	1	155.00	155.00	32.18	0.0001
WCON 0- 90					
A VS B	1	76.56	76.56	0.85	0.3695
A VS D	1	25.00	25.00	0.28	0.6053
A VS C	1	6.25	6.25	0.07	0.7955
B VS D	1	39.06	39.06	0.43	0.5192
FCON 0-105					
A VS B	1	367.68	367.68	76.34	0.0001
A VS D	1	0.85	0.85	0.18	0.6784
A VS C	1	31.08	31.08	6.45	0.0205
B VS D	1	184.96	184.96	38.40	0.0001
WCON 0-105					
A VS B	1	6.25	6.25	0.06	0.8156
A VS D	1	39.06	39.06	0.35	0.5614
A VS C	1	6.25	6.25	0.06	0.8156
B VS D	1	0.00	0.00	0.00	1.0000
FCON 0-120					
A VS B	1	329.42	329.42	40.97	0.0001
A VS D	1	0.20	0.20	0.03	0.8757
A VS C	1	20.02	20.02	2.49	0.1319
B VS D	1	187.00	187.00	23.26	0.0001
WCON 0-120					
A VS B	1	0.00	0.00	0.00	1.0000
A VS D	1	100.00	100.00	0.74	0.3997
A VS C	1	6.25	6.25	0.05	0.8317
B VS D	1	6.25	6.25	0.05	0.8317
FCON 0-135					
A VS B	1	314.17	314.17	34.94	0.0001
A VS D	1	0.05	0.05	0.01	0.9410
A VS C	1	12.60	12.60	1.40	0.2519
B VS D	1	200.93	200.93	2.35	0.0002
WCON 0-135					
A VS B	1	14.06	14.06	0.12	0.7363
A VS D	1	156.25	156.25	1.30	0.2692
A VS C	1	25.00	25.00	0.21	0.6538
B VS D	1	76.56	76.56	0.64	0.4353
FCON 0-150					
A VS B	1	327.61	327.61	36.69	0.0001
A VS D	1	1.96	1.96	0.22	0.6450
A VS C	1	23.04	23.04	2.58	0.1256
B VS D	1	176.89	176.89	19.81	0.0003

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	df	Sum of squares	Mean Square	F Value	Pr > F
WCON 0-150					
A VS B	1	39.06	39.06	0.27	0.6069
A VS D	1	225.00	225.00	1.58	0.6802
A VS C	1	25.00	25.00	0.18	0.6802
B VS D	1	126.56	126.56	0.89	0.3584
FCON 0-165					
A VS B	1	385.14	385.14	27.09	0.0001
A VS D	1	9.30	9.30	0.65	0.4291
A VS C	1	27.30	27.30	1.92	0.1827
B VS D	1	207.36	207.36	14.59	0.0013
WCON 0-165					
A VS B	1	100.00	100.00	0.72	0.4084
A VS D	1	264.06	264.06	1.89	0.1859
A VS C	1	1.56	1.56	0.01	0.9169
B VS D	1	76.56	76.56	0.55	0.4685
FCON 0-180					
A VS B	1	403.00	403.00	24.73	0.0001
A VS D	1	10.08	10.08	0.62	0.4418
A VS C	1	20.02	20.02	1.23	0.2822
B VS D	1	243.36	243.36	14.94	0.0011
WCON 0-180					
A VS B	1	25.00	25.00	0.17	0.6851
A VS D	1	451.56	451.56	3.07	0.0969
A VS C	1	14.06	14.06	0.10	0.7608
B VS D	1	76.56	76.56	0.52	0.4801