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LAMPIRAN

Lampiran 1. Analisis Ragam Berat Embrio Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

Dependent Variable: berat embrio

perlakuan	kelompok	Mean	Std. Deviation	N
P0	kelompok1	22.6000	.	1
	kelompok2	23.5000	.	1
	kelompok3	25.9000	.	1
	Total	24.0000	1.70587	3
P1	kelompok1	23.5000	.	1
	kelompok2	25.2000	.	1
	kelompok3	27.2000	.	1
	Total	25.3000	1.85203	3
P2	kelompok1	23.1000	.	1
	kelompok2	26.0000	.	1
	kelompok3	23.7000	.	1
	Total	24.2667	1.53080	3
P3	kelompok1	24.8000	.	1
	kelompok2	25.5000	.	1
	kelompok3	23.2000	.	1
	Total	24.5000	1.17898	3
P4	kelompok1	23.6000	.	1
	kelompok2	25.5000	.	1
	kelompok3	26.6000	.	1
	Total	25.2333	1.51767	3
P5	kelompok1	23.4000	.	1
	kelompok2	24.4000	.	1
	kelompok3	25.2000	.	1
	Total	24.3333	.90185	3
Total	kelompok1	23.5000	.73212	6
	kelompok2	25.0167	.91086	6
	kelompok3	25.3000	1.58997	6
	Total	24.6056	1.34404	18

Tests of Between-Subjects Effects

Dependent Variable: berat embrio

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	15.571 ^a	7	2.224	1.469	.280
Intercept	10897.801	1	10897.801	7198.547	.000
perlakuan	4.329	5	.866	.572	.721
kelompok	11.241	2	5.621	3.713	.062
Error	15.139	10	1.514		
Total	10928.510	18			
Corrected Total	30.709	17			

a. R Squared = .507 (Adjusted R Squared = .162)

Lampiran 2. Analisis Ragam Berat *Yolk sac* Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

Dependent Variable: berat yolk sac

perlakuan	kelompok	Mean	Std. Deviation	N
P0	kelompok1	8.6000	.	1
	kelompok2	8.2000	.	1
	kelompok3	8.2000	.	1
	Total	8.3333	.23094	3
P1	kelompok1	8.4000	.	1
	kelompok2	8.1000	.	1
	kelompok3	8.6000	.	1
	Total	8.3667	.25166	3
P2	kelompok1	7.3000	.	1
	kelompok2	9.8000	.	1
	kelompok3	7.2000	.	1
	Total	8.1000	1.47309	3
P3	kelompok1	8.3000	.	1
	kelompok2	7.3000	.	1
	kelompok3	8.1000	.	1
	Total	7.9000	.52915	3
P4	kelompok1	7.8000	.	1
	kelompok2	7.4000	.	1
	kelompok3	7.2000	.	1
	Total	7.4667	.30551	3
P5	kelompok1	7.2000	.	1
	kelompok2	7.6000	.	1
	kelompok3	7.3000	.	1
	Total	7.3667	.20817	3
Total	kelompok1	7.9333	.59217	6
	kelompok2	8.0667	.92448	6
	kelompok3	7.7667	.60882	6
	Total	7.9222	.69244	18

Tests of Between-Subjects Effects

Dependent Variable: berat yolk sac

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	3.016 ^a	7	.431	.839	.580
Intercept	1129.709	1	1129.709	2199.779	.000
perlakuan	2.744	5	.549	1.069	.432
kelompok	.271	2	.136	.264	.773
Error	5.136	10	.514		
Total	1137.860	18			
Corrected Total	8.151	17			

a. R Squared = .370 (Adjusted R Squared = -.071)

Lampiran 3. Analisis Ragam Berat Komponen Lain Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

Dependent Variable: Berat Komponen Lain

Perlakuan	Kelompok	Mean	Std. Deviation	N
P0	kelompok1	2.9000	.	1
	kelompok2	2.5000	.	1
	kelompok3	3.1000	.	1
	Total	2.8333	.30551	3
P1	kelompok1	3.3000	.	1
	kelompok2	3.6000	.	1
	kelompok3	3.1000	.	1
	Total	3.3333	.25166	3
P2	kelompok1	3.2000	.	1
	kelompok2	4.2000	.	1
	kelompok3	2.9000	.	1
	Total	3.4333	.68069	3
P3	kelompok1	3.1000	.	1
	kelompok2	3.8000	.	1
	kelompok3	4.0000	.	1
	Total	3.6333	.47258	3
P4	kelompok1	2.7000	.	1
	kelompok2	3.1000	.	1
	kelompok3	3.3000	.	1
	Total	3.0333	.30551	3
P5	kelompok1	3.4000	.	1
	kelompok2	3.1000	.	1
	kelompok3	2.9000	.	1
	Total	3.1333	.25166	3
Total	kelompok1	3.1000	.26077	6
	kelompok2	3.3833	.60470	6
	kelompok3	3.2167	.41191	6
	Total	3.2333	.43791	18

Tests of Between-Subjects Effects

Dependent Variable: Berat Komponen Lain

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	1.503 ^a	7	.215	1.223	.373
Intercept	188.180	1	188.180	1071.233	.000
Perlakuan	1.260	5	.252	1.435	.293
Kelompok	.243	2	.122	.693	.523
Error	1.757	10	.176		
Total	191.440	18			
Corrected Total	3.260	17			

a. R Squared = .461 (Adjusted R Squared = .084)

Lampiran 4. Analisis Ragam Daya tetas Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

Dependent Variable: Daya Tetas

Perlakuan	Kelompok	Mean	Std. Deviation	N
P0	kelompok1	96.0000	.	1
	kelompok2	90.0000	.	1
	kelompok3	96.0000	.	1
	Total	94.0000	3.46410	3
P1	kelompok1	93.0000	.	1
	kelompok2	93.0000	.	1
	kelompok3	90.0000	.	1
	Total	92.0000	1.73205	3
P2	kelompok1	86.0000	.	1
	kelompok2	80.0000	.	1
	kelompok3	96.0000	.	1
	Total	87.3333	8.08290	3
P3	kelompok1	36.0000	.	1
	kelompok2	80.0000	.	1
	kelompok3	96.0000	.	1
	Total	70.6667	31.06981	3
P4	kelompok1	56.0000	.	1
	kelompok2	73.0000	.	1
	kelompok3	80.0000	.	1
	Total	69.6667	12.34234	3
P5	kelompok1	86.0000	.	1
	kelompok2	83.0000	.	1
	kelompok3	90.0000	.	1
	Total	86.3333	3.51188	3
Total	kelompok1	75.5000	24.03123	6
	kelompok2	83.1667	7.30525	6
	kelompok3	91.3333	6.28225	6
	Total	83.3333	15.53743	18

Tests of Between-Subjects Effects

Dependent Variable: Daya Tetas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	2435.667 ^a	7	347.952	2.086	.141
Intercept	125000.000	1	125000.000	749.251	.000
Perlakuan	1683.333	5	336.667	2.018	.161
Kelompok	752.333	2	376.167	2.255	.156
Error	1668.333	10	166.833		
Total	129104.000	18			
Corrected Total	4104.000	17			

a. R Squared = .593 (Adjusted R Squared = .309)

Lampiran 5. Analisis Ragam Berat tetas Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

Dependent Variable: Berat Tetas

Perlakuan	Kelompok	Mean	Std. Deviation	N
P0	kelompok1	29.6000	.	1
	kelompok2	28.0000	.	1
	kelompok3	29.2000	.	1
	Total	28.9333	.83267	3
P1	kelompok1	30.4000	.	1
	kelompok2	30.4000	.	1
	kelompok3	30.2000	.	1
	Total	30.3333	.11547	3
P2	kelompok1	24.3000	.	1
	kelompok2	32.4000	.	1
	kelompok3	32.6000	.	1
	Total	29.7667	4.73533	3
P3	kelompok1	30.5000	.	1
	kelompok2	31.3000	.	1
	kelompok3	33.4000	.	1
	Total	31.7333	1.49778	3
P4	kelompok1	30.0000	.	1
	kelompok2	29.7000	.	1
	kelompok3	30.8000	.	1
	Total	30.1667	.56862	3
P5	kelompok1	30.6000	.	1
	kelompok2	28.4000	.	1
	kelompok3	32.8000	.	1
	Total	30.6000	2.20000	3
Total	kelompok1	29.2333	2.44513	6
	kelompok2	30.0333	1.68839	6
	kelompok3	31.5000	1.67212	6
	Total	30.2556	2.08615	18

Tests of Between-Subjects Effects

Dependent Variable: Berat Tetas

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	28.769 ^a	7	4.110	.909	.536
Intercept	16477.176	1	16477.176	3644.139	.000
Perlakuan	12.911	5	2.582	.571	.721
Kelompok	15.858	2	7.929	1.754	.222
Error	45.216	10	4.522		
Total	16551.160	18			
Corrected Total	73.984	17			

a. R Squared = .389 (Adjusted R Squared = -.039)

Lampiran 6. Analisis Ragam kematian Embrio-Early Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Perlakuan	18	1.00	6.00	3.5000	1.75734
Kelompok	18	1.00	3.00	2.0000	.84017
Umur kematian-early	18	.00	33.30	6.2833	9.94504
Valid N (listwise)	18				

Lampiran 7. Analisis Ragam kematian Embrio-Middle Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Perlakuan	18	1.00	6.00	3.5000	1.75734
Kelompok	18	1.00	3.00	2.0000	.84017
Umur kematian-middle	18	.00	16.60	4.7833	5.12310
Valid N (listwise)	18				

Lampiran 8. Analisis Ragam kematian Embrio-Late Hasil *In Ovo Feeding* Beberapa Jenis Asam Amino Terhadap Perkembangan Embrio Ayam Kampung

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Perlakuan	18	1.00	6.00	3.5000	1.75734
Kelompok	18	1.00	3.00	2.0000	.84017
Umur kematian-late	18	.00	13.30	5.1444	3.06675
Valid N (listwise)	18				

Lampiran 9. Dokumentasi Pelaksanaan Penelitian



Ket : Pengeboran dan injeksi In Ovo beberapa jenis asam amino



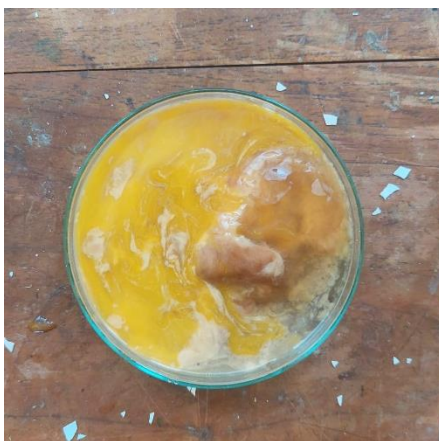
Ket : Pengamatan berat komponen lain



Ket : Penimbangan Bahan Injeksi



Ket : Pengamatan berat embrio



Ket : Pengamatan umur kematian embrio



Ket : Candling telur

RIWAYAT HIDUP



Nur Fauzan Fikri biasa di panggil fauzan atau ocang, Lahir di Makassar pada tanggal 12 April 2000. Penulis anak pertama dari dua bersaudara yang berasal dari pasangan ayah yang bernama Poniman dan ibu yang Bernama Buniati. Ayah penulis bekerja sebagai wiraswasta dan Ibu penulis bekerja sebagai ibu rumah tangga. Penulis memiliki seorang adik perempuan bernama Bella Alfiyyah. Kedua orang tua penulis bertempat tinggal di Desa Sumberdadi Kecamatan Tana Lili Kabupaten Luwu Utara. Jenjang pendidikan formal yang pernah ditempuh penulis adalah SDN 210 Minna namun pindah ke SDN 209 Sumberdadi, kemudian melanjutkan sekolah di SMP Negeri 1 Bone-Bone, setelah lulus pada tahun 2015 penulis melanjutkan kejenjang selanjutnya yaitu di SMA Negeri 1 Bone-Bone yang sekarang berubah nama menjadi SMA Negeri 4 Luwu Utara dan Lulus pada tahun 2018. Selanjutnya pada tahun yang sama, penulis diterima dan menempuh Pendidikan S-1 (Strata 1) di Perguruan Tinggi Negeri (PTN) Fakultas Peternakan, Universitas Hasanuddin, Makassar melalui jalur SBMPTN. Saat ini penulis mengikuti beberapa organisasi yaitu Himpunan Mahasiswa Produksi ternak (HIMAPROTEK-UH) dan UKM Panahan (UKMP). Selama kuliah penulis juga tergabung dalam Tim Asisten Laboratorium Ilmu Ternak Unggas, dan Asisten praktikum teknologi Penetasan dan Pembibitan unggas tahun 2020. Sampai Tahun 2023 penulis masih menjadi Asisten praktikum Teknologi Penetasan dan Pembibitan unggas. Penulis berharap kedepannya bisa menyelesaikan studi S1 dengan baik, mendapatkan pekerjaan serta dapat membahagiakan kedua orang tua penulis.

