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LAMPIRAN

Lampiran 1. *CURRICULUM VITAE*

A. Data Pribadi

1. Nama : Ummi Wajdiyah
2. Tempat, tgl, lahir : Tarakan, 17 Oktober 1978
3. Alamat : jl. KH. Agus Salim Rt.5 no.6 Selumit, Tarakan
Tengah, Tarakan, Kalimantan Utara 77113
4. Kewarganegaraan : Warga Negara Indonesia

B. Riwayat Pendidikan

1. Tamat SLTA tahun 1997 di SMU Muhammadiyah 1 Yogyakarta
2. Sarjana (S1) tahun 2003 di Universitas Gadjah Mada
3. Profesi tahun 2005 di Universitas Gadjah Mada

C. Pekerjaan dan Riwayat Pekerjaan

- Jenis Pekerjaan : Aparatur Sipil Negara (ASN)
- NIP : 19781017 200604 2 012
- Pangkat/ Jabatan : Staf Dinas Kesehatan Kota Tarakan

D. Makalah pada Seminar/ Konferensi Ilmiah Nasional dan Internasional

1. *Literature Review "Orfacial Myofunctional Therapy Effectivity in Child's Anterior Open Bite"* pada Pertemuan Ilmiah Nasional Ilmu Kedokteran Gigi Anak ke-15 Ikatan Dokter Ggi Anak Indonesia (PIN IKGA 15 IDGAI) di Medan, tahun 2022
2. *Literature Review "The Risk of Caries in Asthmatic Children with Inhaled Corticosteroid Therapy"* pada Pertemuan Ilmiah Nasional Ilmu Kedokteran Gigi Anak ke-16 Ikatan Dokter Ggi Anak Indonesia (PIN IKGA 16 IDGAI) di Solo, tahun 2023
3. *Research Article "Potential Calcium Content of Anchovies (Stolephorus sp.) on Mandibular Bone Growth Through Osteoprotegerin Expression Analysis"* pada Pertemuan Ilmiah Nasional Ilmu Kedokteran Gigi Anak ke-17 Ikatan Dokter Ggi Anak Indonesia (PIN IKGA 17 IDGAI) di Jakarta, tahun 2024

Lampiran 2. SURAT IJIN PENELITIAN

|  KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN GIGI Jalan Perintis Kemerdekaan Km. 10, Makassar 90245 Telepon (0411) 586012, Faximile (0411) 584641 Laman www.unhas.ac.id Email fdhu@unhas.ac.id | |
|---|--|
| Nomor : | 01335/UN4.13/PT.01.04/2024 |
| Hal : | Izin Penelitian |
| 4 Maret 2024 | |
| Yth. | |
| 1. Kepala Laboratorium Pengujian Kimia, Jurusan Teknologi Pengolahan Hasil Pertanian, Politeknik Pertanian Negeri Pangkep | |
| 2. Balai Besar Laboratorium Kesehatan (BBLK) Propinsi Sulawesi Selatan | |
| 3. Pimpinan Klinik Hewan La Coste Gowa | |
| di - Tempat | |
| <p>Dengan hormat kami sampaikan bahwa mahasiswa Program Studi Pendidikan Dokter Gigi Spesialis (PPDGS) Kedokteran Gigi Anak Fakultas Kedokteran Gigi Universitas Hasanuddin bermaksud untuk melakukan penelitian.</p> <p>Sehubungan dengan hal tersebut, mohon kiranya dapat diberikan izin penelitian kepada peneliti di bawah ini:</p> | |
| Nama / NIM | : Ummi Wajdiyah / J065211007 |
| Waktu Penelitian | : Maret s.d. April 2024 |
| Tempat Penelitian | : Laboratorium Pengujian Kimia Jurusan Teknologi Pengolahan Hasil Pertanian Politeknik Pertanian Negeri Pangkep, Klinik Hewan La Coste Gowa, dan Balai Besar Laboratorium Kesehatan (BBLK) Propinsi Sulawesi Selatan di Makassar |
| Pembimbing | : 1. Prof. Dr. Muh. Harun Achmad, drg., M.Kes., Sp.KGA., KKA(K), FSASS. 2. Yayah Inayah, drg., M.Kg., Sp.KGA. |
| Judul Penelitian | : Potensi Ikan Teri (<i>Stolephorus Sp.</i>) sebagai Sumber Kalsium terhadap Kadar Kalsium Serum dan Pertumbuhan Tulang Mandibula Tikus Wistar Jantan (<i>Rattus Novergicus</i>): Studi <i>In Vivo</i> |
| Demikian permohonan kami, atas perhatian dan kerjasama yang baik diucapkan terima kasih. | |
| a.n. Dekan, Wakil Dekan Bidang Akademik dan Kemahasiswaan  Acing Habibie Mude, drg., Ph.D., Sp.Pro., Subsp. OGST(K). NIP 198102072008121002 | |
| Tembusan: | |
| 1. Dekan FKG Unhas; | |
| 2. Kepala Bagian Tata Usaha FKG Unhas. | |
|  | |

Lampiran 3. SURAT REKOMENDASI PERSETUJUAN PENELITIAN

| | | | | | |
|---|---|--|---------------------------|--|--|
|  | | <p style="text-align: center;">KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET, DAN TEKNOLOGI UNIVERSITAS HASANUDDIN FAKULTAS KEDOKTERAN GIGI RUMAH SAKIT GIGI DAN MULUT PENDIDIKAN KOMITE ETIK PENELITIAN KESEHATAN</p> | |  | |
| <p style="text-align: center;">Sekretariat : JL.Kandea No. 5 Makassar Lantai 2, Gedung Lama RSGM Unhas Contact Person: drg. Muhammad Ikbal, Sp.Prof/Nur Aedah AR TELP. 081342971011/08114919191</p> | | | | | |
| REKOMENDASI PERSETUJUAN ETIK Nomor: 0071/PL.09/KEPK FKG-RSGM UNHAS/2024 | | | | | |
| Tanggal: 13 Maret 2024 | | | | | |
| Dengan ini menyatakan bahwa protokol dan dokumen yang berhubungan dengan protokol berikut ini telah mendapatkan persetujuan etik: | | | | | |
| No. Protokol | UH 17121086 | No Protokol Sponsor | | | |
| Peneliti Utama | drg. Ummi Wajdiyah | Sponsor | Pribadi | | |
| Judul Peneliti | Potensi Ikan Teri (<i>Stolephorus</i> sp.) sebagai Sumber Kalsium terhadap kadar Kalsium Serum dan Pertumbuhan Tulang Mandibula Tikus Wistar Jantan (<i>Rattus novgericus</i>): Studi In Vivo | | | | |
| No. Versi Protokol | 1 | Tanggal Versi | 11 Maret 2024 | | |
| No. Versi Protokol | | Tanggal Versi | | | |
| Tempat Penelitian | 1. Laboratorium Pengujian Kimia Jurusan Teknologi Pengolahan Hasil Pertanian Politeknik Pertanian Negeri Pangkep, 2. Klinik Hewan La Coste Gowa, 3. Balai Besar Laboratorium Kesehatan (BBLK) Propinsi Sulawesi Selatan di Makassar | | | | |
| Dokumen Lain | | | | | |
| Jenis Review | <input type="checkbox"/> Exempted <input checked="" type="checkbox"/> Expedited <input type="checkbox"/> Fullboard | Masa Berlaku 13 Maret 2024-13 Maret 2025 | Frekuensi Review Lanjutan | | |
| Ketua Komisi Etik Penelitian | Nama: Dr. drg. Marhamah, M.Kes | Tanda Tangan  | Tanggal 13 Maret 2024 | | |
| Sekretaris Komisi Etik Penelitian | Nama: drg. Muhammad Ikbal, Sp.Prof | Tanda Tangan  | Tanggal 13 Maret 2024 | | |
| Kewajiban peneliti utama: <ul style="list-style-type: none"> ▪ Menyerahkan Amandemen Protokol untuk persetujuan sebelum diimplementasikan ▪ Menyerahkan laporan SAE ke Komisi Etik dalam 24 Jam dan dilengkapi dalam 7 hari dan lapor SUSAR dalam 72 jam setelah peneliti utama menerima laporan. ▪ Menyerahkan laporan kemajuan (<i>progress report</i>) setiap 6 bulan untuk penelitian resiko tinggi dan setiap setahun untuk penelitian resiko rendah. ▪ Menyerahkan laporan akhir setelah penelitian berakhir. ▪ Melaporkan penyimpangan dari protokol yang disetujui (<i>protocol deviation/violation</i>) ▪ Mematuhi semua aturan yang berlaku. | | | | | |

Lampiran 4. DOKUMENTASI PROSEDUR PENELITIAN**a. Pembuatan Serbuk Ikan Teri**

Keterangan:

- A. Ikan Teri Segar
- B. Pengeringan Ikan Teri
- C. Pembuatan Serbuk Ikan Teri
- D. Pemeriksaan/ Uji Kandungan Kalsium Serbuk Ikan Teri
- E. Penyimpanan Serbuk Ikan Teri dalam Wadah Plastik Kedap Udara

Hasil Uji Kandungan Kalsium



KEMENTERIAN PENDIDIKAN, KEBUDAYAAN, RISET DAN TEKNOLOGI
POLITEKNIK PERTANIAN NEGERI PANGKAJENE DAN KEPULAUAN
JURUSAN TEKNOLOGI PENGOLAHAN HASIL PERIKANAN
LABORATORIUM PENGUJIAN KIMIA
 Jl. Poros Makassar Pare KM. 83 Mandalle Kec. Mandalle Kab. Pangkep
 Telepon. (0410)2312704, 2312703 FAX.(0410)2312705
SULAWESI SELATAN (90655)

KADAR KALSIMUM DAN POSFOR TEPUNG IKAN TERI KERING

| Kadar Kalsium | | Kadar Posfor | |
|-------------------|-------|---------------|------|
| mg Ca/100 g bahan | % | mg/10 g bahan | % |
| 19332,05 | 19,33 | 92,4 | 0,93 |

Pangkep, 22 Maret 2024

Mengetahui

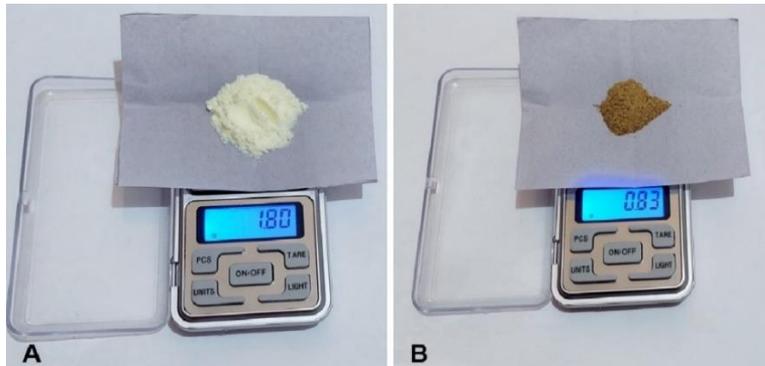
Ketua Jurusan Teknologi Hasil Pertanian

Dr. Andi Ridwan Makkulawu, ST, M.Si
NIP. 197506262001121001

Penanggung jawab Lab. Pengujian Kimia

Sahriawati, S.Pi., MT
NIP. 197507052002122002

b. Persiapan Dosis Pemberian Susu dan Ikan Teri



Keterangan :

- A. Dosis Pemberian Susu
- B. Dosis Pemberian Serbuk Ikan Teri

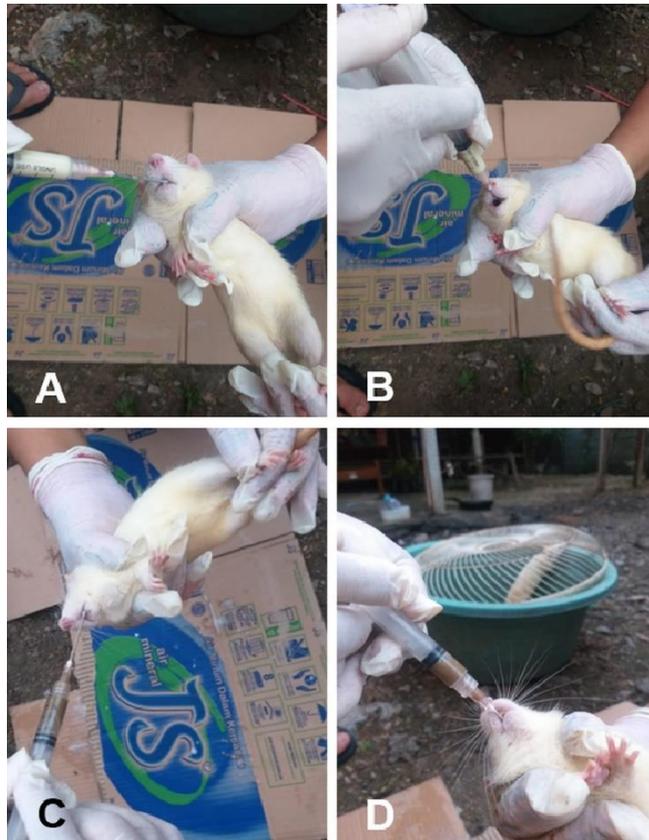
c. Persiapan Hewan Coba



Keterangan:

Adaptasi tikus selama 1 minggu:

1. Tikus Kelompok Kontrol
2. Tikus Kelompok Susu
3. Tikus Kelompok Ikan Teri

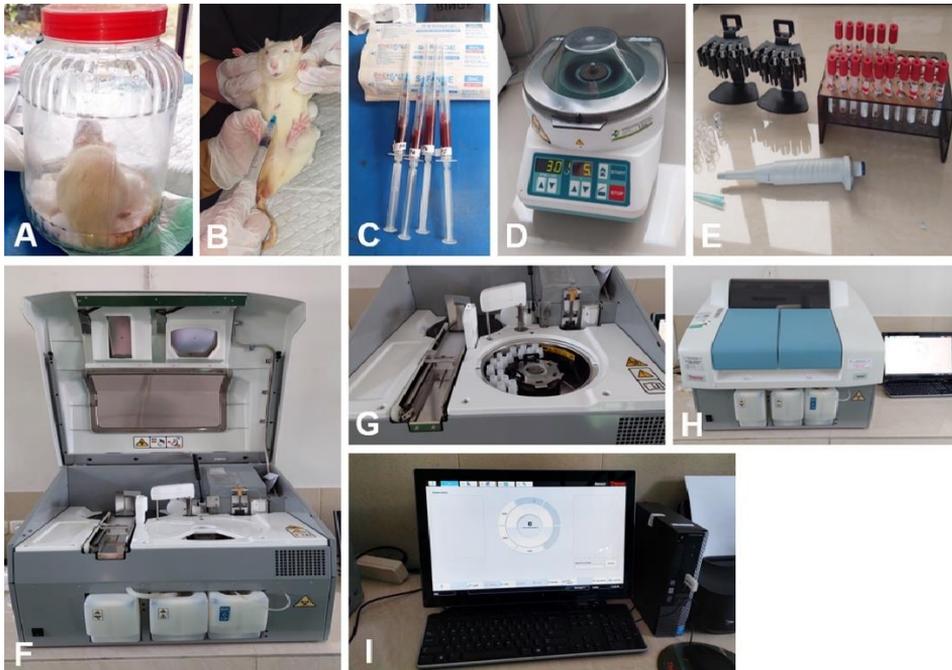
d. Perlakuan Hewan Coba

Keterangan:

A – B. Proses pemberian susu

C – D. Proses pemberian ikan teri

e. Pemeriksaan Kalsium Serum



Keterangan:

- A. Tikus diinhalasi dengan eter sampai tidak sadar (tanda vital masih ada)
- B. Pengambilan darah tikus dari jantung
- C. Sampel darah tikus yang sudah diambil
- D. Dilakukan pemisahan antara plasma dan serum darah dengan sentrifuge
- E. Serum darah yang sudah dipisahkan
- F. Alat spektrofotometer untuk analisis kalsium serum
- G. Sampel serum darah dimasukkan ke dalam spektrofotometer
- H – I. Proses analisis kalsium serum

Hasil Analisis Kalsium Serum



KEMENTERIAN KESEHATAN RI
DIREKTORAT JENDERAL PELAYANAN KESEHATAN
BALAI BESAR LABORATORIUM KESEHATAN MAKASSAR
Jl. Perintis Kemerdekaan KM.11 Tamalanrea Makassar 90245



HASIL PENELITIAN

Nama : drg. Ummi Wajdiyah
Nim : J065211007
Perguruan Tinggi : Universitas Hasanuddin
Fakultas/Jurusan : Kedokteran Gigi
Judul : Potensi Ikan Teri (*Stolephorus sp.*) terhadap Kadar Kalsium Serum dan Pertumbuhan Tulang Mandibula Tikus Wistar Jantan (*Rattus novergicus*): Studi *In Vivo*

Tabel. Hasil Pemeriksaan Kadar Kalsium

| No | Nomor Lab | Kode Sampel | Calsium (mg/dl) |
|----|-----------|-------------|-----------------|
| 1 | 23017949 | K 1 | 8.8 |
| 2 | 23017950 | K 2 | 10.0 |
| 3 | 23017951 | K 3 | 10.0 |
| 4 | 23017952 | K 4 | 10.3 |
| 5 | 23017953 | K 5 | 8.4 |
| 6 | 23017954 | K 6 | 9.7 |
| 7 | 23017973 | K 7 | 9.4 |
| 8 | 23017974 | K 8 | 9.4 |
| 9 | 23017975 | K 9 | 9.2 |
| 10 | 23017978 | S 1 | 10.8 |
| 11 | 23017979 | S 2 | 10.7 |
| 12 | 23017980 | S 3 | 10.6 |
| 13 | 23017981 | S 4 | 11.0 |
| 14 | 23017982 | S 5 | 10.7 |
| 15 | 23017983 | S 6 | 10.3 |
| 16 | 23017984 | S 7 | 10.8 |
| 17 | 23017985 | S 8 | 10.3 |
| 18 | 23017986 | S 9 | 10.4 |
| 19 | 23017990 | T 1 | 11.2 |
| 20 | 23017991 | T 2 | 11.6 |
| 21 | 23017992 | T 3 | 11.3 |
| 22 | 23018014 | T 4 | 11.1 |
| 23 | 23018015 | T 5 | 10.5 |
| 24 | 23017989 | T 6 | 10.9 |
| 25 | 23017989 | T 7 | 11.3 |
| 26 | 23017989 | T 8 | 10.9 |
| 27 | 23017989 | T 9 | 10.6 |

Makassar, 08 Mei 2024
Mengetahui
Kepala Instalasi Patologi Klinik

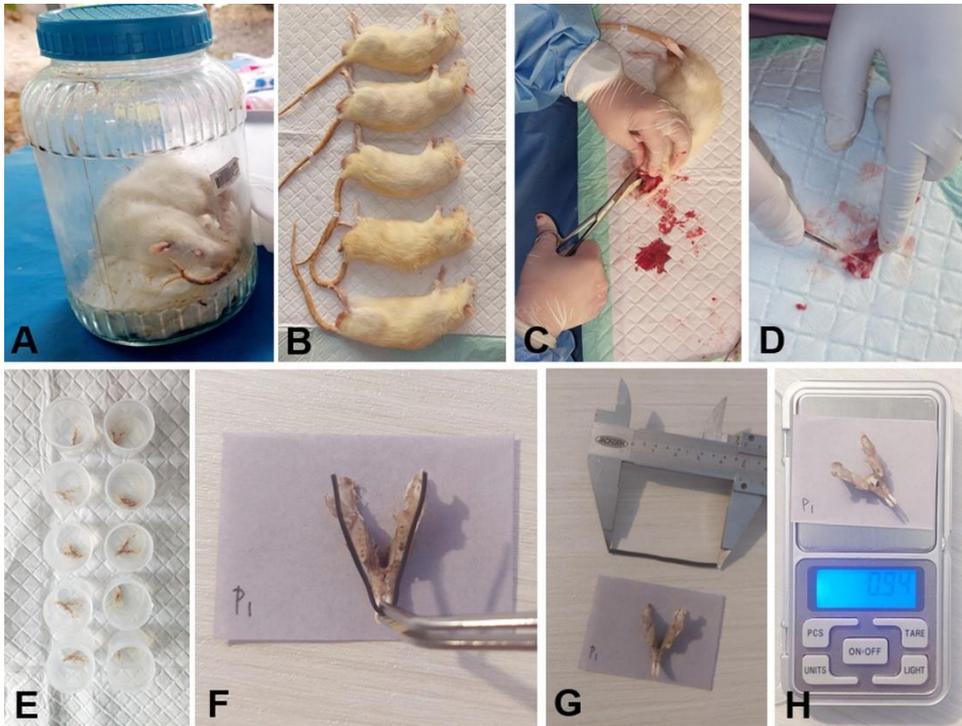


Martani, AMAK
NIP. 19840524200604

Telp. 0411 586458, 586457, 586270 Fax. 0411 586270
Surat Elektronik : bblk_makassar@yahoo.com, bblk.mksr@gmail.com



f. Pemeriksaan Panjang Lengkung dan Massa Tulang Mandibula

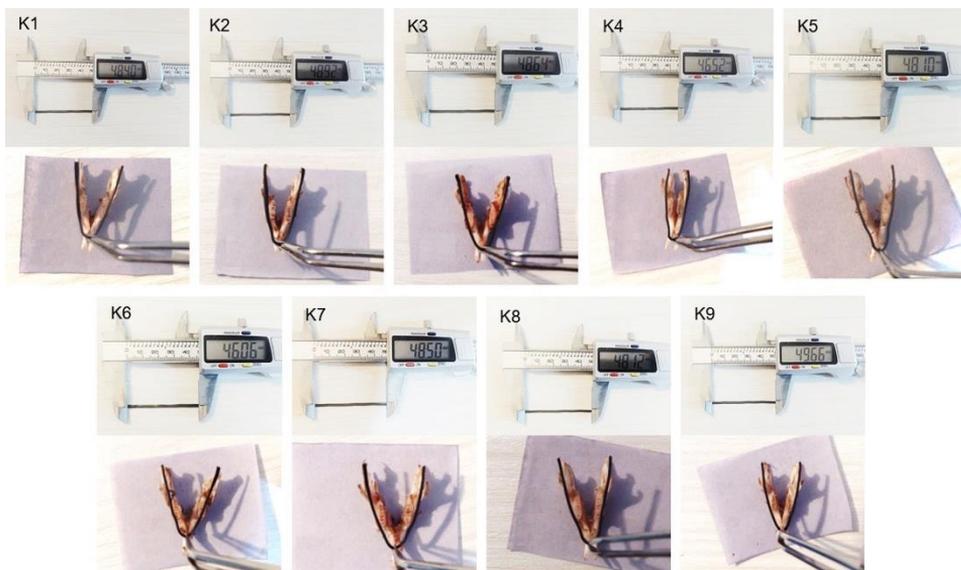


Keterangan:

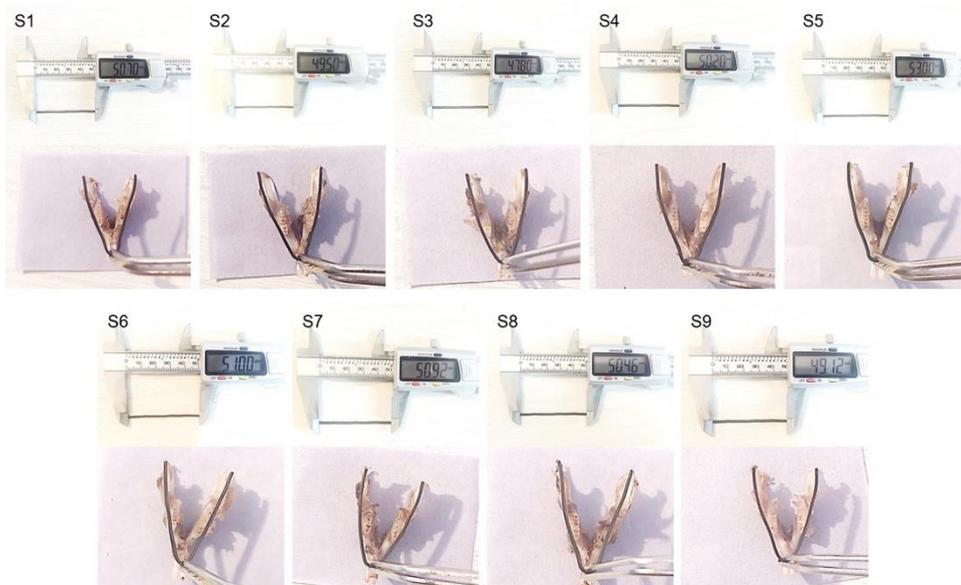
- A. Tikus yang telah diambil darahnya diinhalasi dengan eter sampai tanda – tanda vital hilang
- B – C. Dilakukan *sacrifice* dan ekstraksi tulang mandibula
- D. Tulang mandibula dibersihkan
- E. Tulang mandibula ditempatkan dalam wadah
- F – G. Pengukuran panjang lengkung mandibula
- H. Pengukuran massa tulang mandibula

Hasil Pengukuran Panjang Lengkung Mandibula

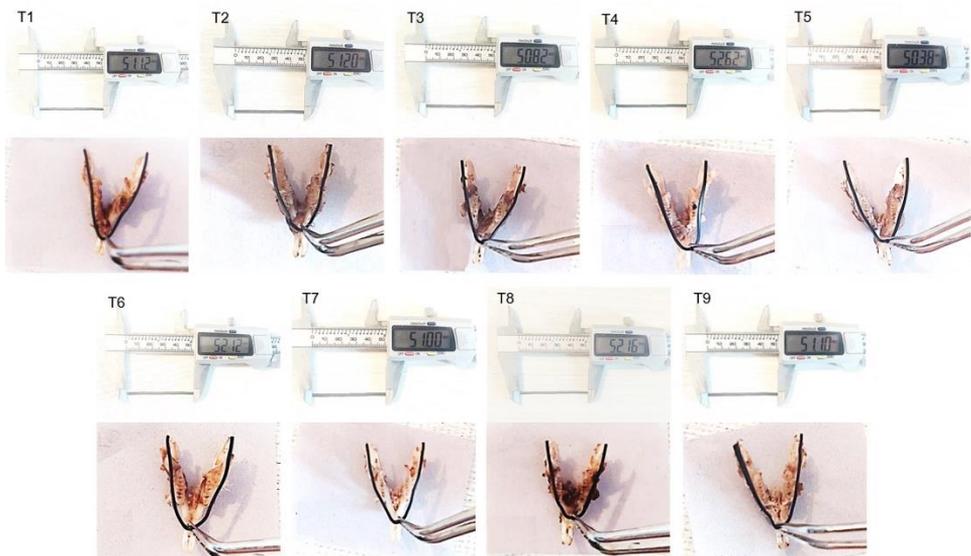
a. Mandibula Tikus Kelompok Kontrol



b. Mandibula Tikus Kelompok Susu



c. Mandibula Tikus Kelompok Ikan Teri



Data Hasil Pengukuran Panjang Lengkung Mandibula (mm)

| No. | KONTROL (K) | No. | SUSU (S) | No. | IKAN TERI (T) |
|--------|-------------|-----|----------|-----|---------------|
| 1 | 48,40 | 1 | 50,70 | 1 | 51,12 |
| 2 | 48,92 | 2 | 49,50 | 2 | 51,20 |
| 3 | 48,64 | 3 | 47,80 | 3 | 50,82 |
| 4 | 46,52 | 4 | 50,20 | 4 | 52,62 |
| 5 | 48,10 | 5 | 53,00 | 5 | 50,38 |
| 6 | 46,06 | 6 | 51,00 | 6 | 52,12 |
| 7 | 48,50 | 7 | 50,92 | 7 | 51,00 |
| 8 | 48,12 | 8 | 50,46 | 8 | 52,16 |
| 9 | 49,66 | 9 | 49,12 | 9 | 51,10 |
| Rerata | 48,10 | | 50,30 | | 51,39 |

Hasil Pengukuran Massa Tulang Mandibula

a. Mandibula Tikus Kelompok Kontrol



b. Mandibula Tikus Kelompok Susu



c. Mandibula Tikus Kelompok Teri



Data Hasil Pengukuran Massa Tulang Mandibula (gram)

| No. | KONTROL (K) | No. | SUSU (S) | No. | IKAN TERI (T) |
|--------|-------------|-----|----------|-----|---------------|
| 1 | 0,83 | 1 | 1,03 | 1 | 1,08 |
| 2 | 0,96 | 2 | 1,02 | 2 | 1,18 |
| 3 | 1,08 | 3 | 1,08 | 3 | 1,18 |
| 4 | 0,99 | 4 | 1,11 | 4 | 1,14 |
| 5 | 0,96 | 5 | 1,15 | 5 | 1,15 |
| 6 | 0,91 | 6 | 1,07 | 6 | 1,21 |
| 7 | 0,95 | 7 | 1,17 | 7 | 1,00 |
| 8 | 0,85 | 8 | 1,10 | 8 | 1,14 |
| 9 | 0,98 | 9 | 1,21 | 9 | 1,22 |
| Rerata | 0,95 | | 1,10 | | 1,14 |

Lampiran 5. HASIL ANALISIS DATA SPSS

DATASET ACTIVATE DataSet1.

Explore

| | | Notes | |
|------------------------|--------------------------------|--|----------------------|
| Output Created | | | 14-MEI-2024 12:24:28 |
| Comments | | | |
| Input | Active Dataset | DataSet2 | |
| | Filter | <none> | |
| | Weight | <none> | |
| | Split File | <none> | |
| | N of Rows in Working Data File | | 27 |
| Missing Value Handling | Definition of Missing | User-defined missing values for dependent variables are treated as missing. | |
| | Cases Used | Statistics are based on cases with no missing values for any dependent variable or factor used. | |
| Syntax | | EXAMINE VARIABLES=Hasil BY Kelompok /PLOT BOXPLOT HISTOGRAM NPLOT /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL. | |
| Resources | Processor Time | | 00:00:00,42 |
| | Elapsed Time | | 00:00:00,99 |

[DataSet2]

Kelompok

Case Processing Summary

| | Kelompok | N | Valid | | Cases Missing | | Total | |
|---------|-----------|---|---------|---|---------------|---|---------|--|
| | | | Percent | N | Percent | N | Percent | |
| Kalsium | Kontrol | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% | |
| Serum | Susu | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% | |
| | Ikan Teri | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% | |

Descriptives

| | Kelompok | Statistic | Std. Error |
|---------|----------------------------------|-----------------|------------|
| Kalsium | Kontrol | Mean | 9.4667 |
| Serum | 95% Confidence Interval for Mean | Lower Bound | 8.9975 |
| | | Upper Bound | 9.9358 |
| | | 5% Trimmed Mean | 9.4796 |
| | Median | 9.4000 | |
| | Variance | .372 | |
| | Std. Deviation | .61033 | |
| | Minimum | 8.40 | |
| | Maximum | 10.30 | |
| | Range | 1.90 | |
| | Interquartile Range | 1.00 | |

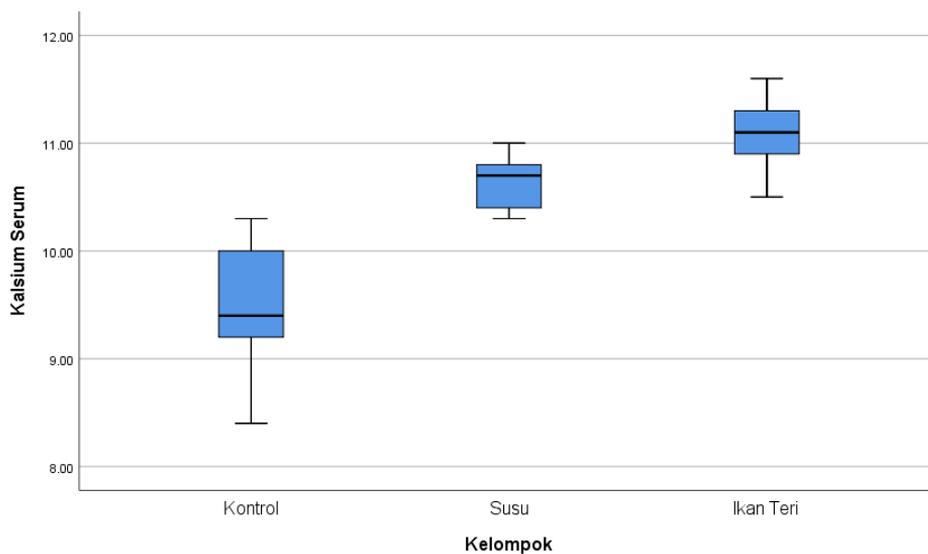
| | | | | | | |
|-----------|----------------------------------|-------------|--------|---------|---------|--|
| Susu | Skewness | | | - .449 | .717 | |
| | Kurtosis | | | - .432 | 1.400 | |
| | Mean | | | 10.6222 | .08127 | |
| | 95% Confidence Interval for Mean | Lower Bound | | | 10.4348 | |
| | | Upper Bound | | | 10.8096 | |
| | 5% Trimmed Mean | | | 10.6191 | | |
| | Median | | | 10.7000 | | |
| | Variance | | | .059 | | |
| | Std. Deviation | | | .24381 | | |
| | Minimum | | | 10.30 | | |
| | Maximum | | | 11.00 | | |
| | Range | | | .70 | | |
| | Interquartile Range | | | .45 | | |
| | Skewness | | | - .131 | .717 | |
| Kurtosis | | | -1.051 | 1.400 | | |
| Ikan Teri | Mean | | | 11.0444 | .11798 | |
| | 95% Confidence Interval for Mean | Lower Bound | | 10.7724 | | |
| | | Upper Bound | | 11.3165 | | |
| | 5% Trimmed Mean | | | 11.0438 | | |
| | Median | | | 11.1000 | | |
| | Variance | | | .125 | | |
| | Std. Deviation | | | .35395 | | |
| | Minimum | | | 10.50 | | |
| | Maximum | | | 11.60 | | |
| | Range | | | 1.10 | | |
| | Interquartile Range | | | .55 | | |
| | Skewness | | | - .168 | .717 | |
| | Kurtosis | | | - .610 | 1.400 | |

| | | Tests of Normality | | | | | |
|---------|-----------|---------------------------------|----|-------------------|--------------|----|------|
| | | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
| | Kelompok | Statistic | df | Sig. | Statistic | df | Sig. |
| Kalsium | Kontrol | .142 | 9 | .200 [*] | .964 | 9 | .836 |
| Serum | Susu | .181 | 9 | .200 [*] | .924 | 9 | .429 |
| | Ikan Teri | .124 | 9 | .200 [*] | .963 | 9 | .827 |

*. This is a lower bound of the true significance.

a. Lilliefors Significance Correction

Kalsium Serum



Test of Homogeneity of Variances

| | | Levene Statistic | df1 | df2 | Sig. |
|---------------|--------------------------------------|------------------|-----|--------|------|
| Kalsium Serum | Based on Mean | 3.183 | 2 | 24 | .059 |
| | Based on Median | 2.709 | 2 | 24 | .087 |
| | Based on Median and with adjusted df | 2.709 | 2 | 16.091 | .097 |
| | Based on trimmed mean | 3.241 | 2 | 24 | .057 |

Descriptives

| | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | Min. | Max |
|-----------|----|---------|----------------|------------|----------------------------------|-------------|-------|-------|
| | | | | | Lower Bound | Upper Bound | | |
| Kontrol | 9 | 9.4667 | .61033 | .20344 | 8.9975 | 9.9358 | 8.40 | 10.30 |
| Susu | 9 | 10.6222 | .24381 | .08127 | 10.4348 | 10.8096 | 10.30 | 11.00 |
| Ikan Teri | 9 | 11.0444 | .35395 | .11798 | 10.7724 | 11.3165 | 10.50 | 11.60 |
| Total | 27 | 10.3778 | .79582 | .15316 | 10.0630 | 10.6926 | 8.40 | 11.60 |

ANOVA

| | Sum of Squares | df | Mean Square | F | Sig. |
|----------------|----------------|----|-------------|--------|------|
| Between Groups | 12.009 | 2 | 6.004 | 32.327 | .000 |
| Within Groups | 4.458 | 24 | .186 | | |
| Total | 16.467 | 26 | | | |

Post Hoc Tests

Multiple Comparisons

Dependent Variable: Kalsium Serum

Tukey HSD

| (I) Kelompok | (J) Kelompok | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
|--------------|--------------|-----------------------|------------|------|-------------------------|-------------|
| | | | | | Lower Bound | Upper Bound |
| Kontrol | Susu | -1.15556 [*] | .20316 | .000 | -1.6629 | -.6482 |
| | Ikan Teri | -1.57778 [*] | .20316 | .000 | -2.0851 | -1.0704 |
| Susu | Kontrol | 1.15556 [*] | .20316 | .000 | .6482 | 1.6629 |
| | Ikan Teri | -.42222 | .20316 | .116 | -.9296 | .0851 |
| Ikan Teri | Kontrol | 1.57778 [*] | .20316 | .000 | 1.0704 | 2.0851 |
| | Susu | .42222 | .20316 | .116 | -.0851 | .9296 |

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Kalsium Serum

Tukey HSD^a

| Kelompok | N | Subset for alpha = 0.05 | |
|-----------|---|-------------------------|---------|
| | | 1 | 2 |
| Kontrol | 9 | 9.4667 | |
| Susu | 9 | | 10.6222 |
| Ikan Teri | 9 | | 11.0444 |
| Sig. | | 1.000 | .116 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

Kelompok

Case Processing Summary

| | Kelompok | N | Valid | | Cases Missing | | Total N | Percent |
|----------------------------|-----------|---|-------|---------|---------------|---------|---------|---------|
| | | | N | Percent | N | Percent | | |
| Panjang Lengkung Mandibula | Kontrol | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |
| | Susu | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |
| | Ikan Teri | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |
| Massa Tulang Mandibula | Kontrol | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |
| | Susu | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |
| | Ikan Teri | 9 | 9 | 100.0% | 0 | 0.0% | 9 | 100.0% |

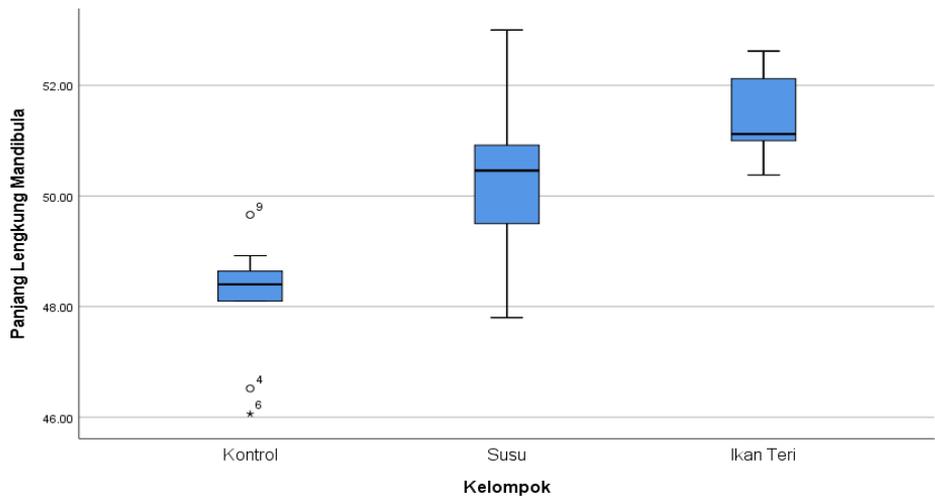
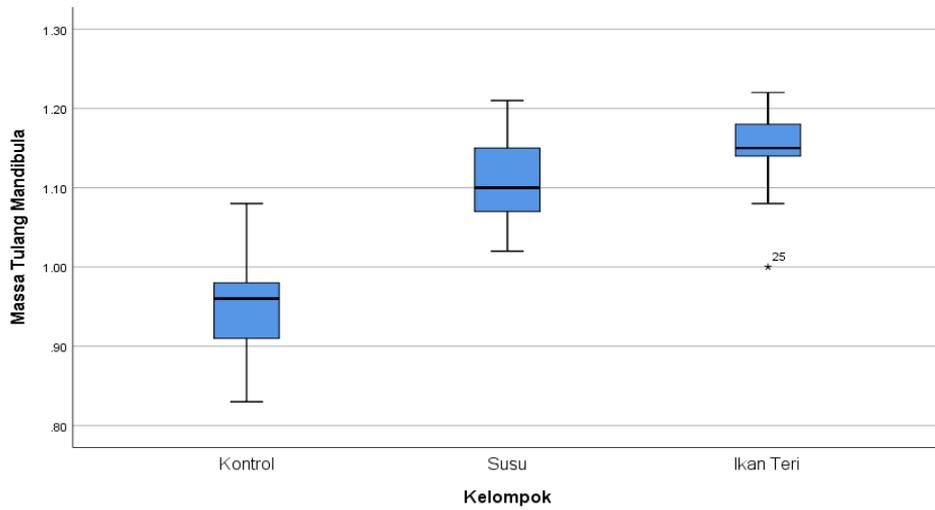
Descriptives

| | Kelompok | | Statistic | Std. Error |
|----------------------------|-----------|----------------------------------|-------------|------------|
| Panjang Lengkung Mandibula | Kontrol | Mean | 48.1022 | .37834 |
| | | 95% Confidence Interval for Mean | Lower Bound | 47.2298 |
| | | | Upper Bound | 48.9747 |
| | | 5% Trimmed Mean | 48.1291 | |
| | | Median | 48.4000 | |
| | | Variance | 1.288 | |
| | | Std. Deviation | 1.13501 | |
| | | Minimum | 46.06 | |
| | | Maximum | 49.66 | |
| | | Range | 3.60 | |
| | | Interquartile Range | 1.47 | |
| | | Skewness | -.869 | .717 |
| | Kurtosis | .289 | 1.400 | |
| | Susu | Mean | 50.3000 | .48077 |
| | | 95% Confidence Interval for Mean | Lower Bound | 49.1913 |
| | | | Upper Bound | 51.4087 |
| | | 5% Trimmed Mean | 50.2889 | |
| | | Median | 50.4600 | |
| | | Variance | 2.080 | |
| | | Std. Deviation | 1.44232 | |
| | | Minimum | 47.80 | |
| | | Maximum | 53.00 | |
| | | Range | 5.20 | |
| | | Interquartile Range | 1.65 | |
| | | Skewness | .137 | .717 |
| | Kurtosis | 1.307 | 1.400 | |
| | Ikan Teri | Mean | 51.3911 | .24520 |
| | | 95% Confidence Interval for Mean | Lower Bound | 50.8257 |
| | | | Upper Bound | 51.9565 |
| | | 5% Trimmed Mean | 51.3790 | |
| | | Median | 51.1200 | |
| | | Variance | .541 | |
| | | Std. Deviation | .73560 | |
| Minimum | | 50.38 | | |
| Maximum | | 52.62 | | |
| Range | | 2.24 | | |
| Interquartile Range | | 1.23 | | |
| Skewness | | .552 | .717 | |
| Kurtosis | -.820 | 1.400 | | |
| Massa Tulang Mandibula | Kontrol | Mean | .9456 | .02512 |
| | | 95% Confidence Interval for Mean | Lower Bound | .8876 |
| | | | Upper Bound | 1.0035 |

| | | | | |
|---------------------|----------------------------------|-------------|--------|--------|
| | 5% Trimmed Mean | | .9445 | |
| | Median | | .9600 | |
| | Variance | | .006 | |
| | Std. Deviation | | .07535 | |
| | Minimum | | .83 | |
| | Maximum | | 1.08 | |
| | Range | | .25 | |
| | Interquartile Range | | .10 | |
| | Skewness | | .039 | .717 |
| | Kurtosis | | .376 | 1.400 |
| Susu | Mean | | 1.1044 | .02109 |
| | 95% Confidence Interval for Mean | Lower Bound | 1.0558 | |
| | | Upper Bound | 1.1531 | |
| | 5% Trimmed Mean | | 1.1033 | |
| | Median | | 1.1000 | |
| | Variance | | .004 | |
| | Std. Deviation | | .06327 | |
| | Minimum | | 1.02 | |
| | Maximum | | 1.21 | |
| | Range | | .19 | |
| Interquartile Range | | .11 | | |
| | Skewness | | .306 | .717 |
| | Kurtosis | | -.722 | 1.400 |
| Ikan Teri | Mean | | 1.1444 | .02286 |
| | 95% Confidence Interval for Mean | Lower Bound | 1.0917 | |
| | | Upper Bound | 1.1972 | |
| | 5% Trimmed Mean | | 1.1483 | |
| | Median | | 1.1500 | |
| | Variance | | .005 | |
| | Std. Deviation | | .06858 | |
| | Minimum | | 1.00 | |
| | Maximum | | 1.22 | |
| | Range | | .22 | |
| Interquartile Range | | .08 | | |
| | Skewness | | -1.235 | .717 |
| | Kurtosis | | 1.567 | 1.400 |

Tests of Normality

| | Kelompok | Kolmogorov-Smirnov ^a | | | Shapiro-Wilk | | |
|----------------------------|-----------|---------------------------------|----|-------|--------------|----|------|
| | | Statistic | df | Sig. | Statistic | df | Sig. |
| Panjang Lengkung Mandibula | Kontrol | .277 | 9 | .045 | .897 | 9 | .236 |
| | Susu | .203 | 9 | .200* | .961 | 9 | .811 |
| | Ikan Teri | .269 | 9 | .059 | .910 | 9 | .315 |
| Massa Tulang Mandibula | Kontrol | .190 | 9 | .200* | .947 | 9 | .656 |
| | Susu | .132 | 9 | .200* | .967 | 9 | .866 |
| | Ikan Teri | .252 | 9 | .104 | .894 | 9 | .219 |

Panjang Lengkung Mandibula**Massa Tulang Mandibula**

| | | Descriptives | | | | | | Min | Max |
|----------------------------|-----------|--------------|---------|----------------|------------|----------------------------------|-------------|-------|-------|
| | | N | Mean | Std. Deviation | Std. Error | 95% Confidence Interval for Mean | | | |
| | | | | | | Lower Bound | Upper Bound | | |
| Panjang Lengkung Mandibula | Kontrol | 9 | 48.1022 | 1.13501 | .37834 | 47.2298 | 48.9747 | 46.06 | 49.66 |
| | Susu | 9 | 50.3000 | 1.44232 | .48077 | 49.1913 | 51.4087 | 47.80 | 53.00 |
| | Ikan Teri | 9 | 51.3911 | .73560 | .24520 | 50.8257 | 51.9565 | 50.38 | 52.62 |
| | Total | 27 | 49.9311 | 1.77363 | .34134 | 49.2295 | 50.6327 | 46.06 | 53.00 |
| Massa Tulang Mandibula | Kontrol | 9 | .9456 | .07535 | .02512 | .8876 | 1.0035 | .83 | 1.08 |
| | Susu | 9 | 1.1044 | .06327 | .02109 | 1.0558 | 1.1531 | 1.02 | 1.21 |
| | Ikan Teri | 9 | 1.1444 | .06858 | .02286 | 1.0917 | 1.1972 | 1.00 | 1.22 |
| | Total | 27 | 1.0648 | .10994 | .02116 | 1.0213 | 1.1083 | .83 | 1.22 |

| | | Test of Homogeneity of Variances | | | | |
|----------------------------|--------------------------------------|----------------------------------|-----|--------|------|--|
| | | Levene Statistic | df1 | df2 | Sig. | |
| Panjang Lengkung Mandibula | Based on Mean | .716 | 2 | 24 | .499 | |
| | Based on Median | .731 | 2 | 24 | .492 | |
| | Based on Median and with adjusted df | .731 | 2 | 20.429 | .494 | |
| | Based on trimmed mean | .727 | 2 | 24 | .494 | |
| Massa Tulang Mandibula | Based on Mean | .057 | 2 | 24 | .944 | |
| | Based on Median | .023 | 2 | 24 | .978 | |
| | Based on Median and with adjusted df | .023 | 2 | 22.121 | .978 | |
| | Based on trimmed mean | .070 | 2 | 24 | .932 | |

| | | ANOVA | | | | |
|----------------------------|----------------|----------------|----|-------------|--------|------|
| | | Sum of Squares | df | Mean Square | F | Sig. |
| Panjang Lengkung Mandibula | Between Groups | 50.513 | 2 | 25.256 | 19.380 | .000 |
| | Within Groups | 31.277 | 24 | 1.303 | | |
| | Total | 81.790 | 26 | | | |
| Massa Tulang Mandibula | Between Groups | .199 | 2 | .100 | 20.775 | .000 |
| | Within Groups | .115 | 24 | .005 | | |
| | Total | .314 | 26 | | | |

Post Hoc Tests

| | | Multiple Comparisons | | | | | |
|----------------------------|--------------|----------------------|-----------------------|------------|------|-------------------------|-------------|
| | | Tukey HSD | | | | | |
| Dependent Variable | (I) Kelompok | (J) Kelompok | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
| | | | | | | Lower Bound | Upper Bound |
| Panjang Lengkung Mandibula | Kontrol | Susu | -2.19778* | .53815 | .001 | -3.5417 | -.8539 |
| | | Ikan Teri | -3.28889* | .53815 | .000 | -4.6328 | -1.9450 |
| | Susu | Kontrol | 2.19778* | .53815 | .001 | .8539 | 3.5417 |
| | | Ikan Teri | -1.09111 | .53815 | .127 | -2.4350 | .2528 |
| | Ikan Teri | Kontrol | 3.28889* | .53815 | .000 | 1.9450 | 4.6328 |
| | | Susu | 1.09111 | .53815 | .127 | -.2528 | 2.4350 |
| Massa Tulang Mandibula | Kontrol | Susu | -.15889* | .03264 | .000 | -.2404 | -.0774 |
| | | Ikan Teri | -.19889* | .03264 | .000 | -.2804 | -.1174 |
| | Susu | Kontrol | .15889* | .03264 | .000 | .0774 | .2404 |
| | | Ikan Teri | -.04000 | .03264 | .450 | -.1215 | .0415 |
| | Ikan Teri | Kontrol | .19889* | .03264 | .000 | .1174 | .2804 |
| | | Susu | .04000 | .03264 | .450 | -.0415 | .1215 |

*. The mean difference is significant at the 0.05 level.

Homogeneous Subsets

Panjang Lengkung Mandibula

Tukey HSD^a

| Kelompok | N | Subset for alpha = 0.05 | |
|-----------|---|-------------------------|---------|
| | | 1 | 2 |
| Kontrol | 9 | 48.1022 | |
| Susu | 9 | | 50.3000 |
| Ikan Teri | 9 | | 51.3911 |
| Sig. | | 1.000 | .127 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

Massa Tulang Mandibula

Tukey HSD^a

| Kelompok | N | Subset for alpha = 0.05 | |
|-----------|---|-------------------------|--------|
| | | 1 | 2 |
| Kontrol | 9 | .9456 | |
| Susu | 9 | | 1.1044 |
| Ikan Teri | 9 | | 1.1444 |
| Sig. | | 1.000 | .450 |

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 9,000.

DATASET CLOSE DataSet2.