LAMPIRAN

Lampiran 1. Lembar Penjelasan Penelitian

Lembar Penjelasan Penelitian

Saya bernama Anes Widya Ningsih dengan NIM G1A122102, mahasiswi Program Studi Kedokteran Fakultas Kedokteran dan Ilmu Kesehatan Universitas Jambi yang akan melakukan penelitian yang berjudul "Korelasi Panjang Os Femur dengan Tinggi Badan pada Mahasiswa Kedokteran dan Ilmu Kesehatan Universitas Jambi Angkatan 2022-2024".

Tujuan dari penelitian ini yaitu untuk mengetahui korelasi panjang os femur dengan tinggi badan pada mahasiswa kedokteran dan ilmu kesehatan universitas jambi angkatan 2022-2024.

1. **Prosedur Penelitian**
   a. Bila calon responden bersedia mengikuti penelitian ini maka calon responden diminta untuk melakukan penandatanganan formulir *informed consent* yang telah peneliti sediakan.
   b. Peneliti akan memberikan lembar data diri dan pengukuran untuk mendapatkan data yang diperlukan dalam penelitian.
   c. Peneliti akan melakukan pengukuran panjang os femur dan tinggi badan sesuai dengan prosedur pengukuran.
   d. Peneliti mencatatkan hasil pengukuran panjang os femur dan tinggi badan pada lembar data diri dan pengukuran.
2. **Risiko**

   Tidak ada risiko yang didapatkan setelah mengikuti penelitian ini.
3. **Manfaat**

   Manfaat yang akan diperoleh setelah mengikuti penelitian ini adalah dapat mengetahui apakah ada korelasi panjang os femur dengan tinggi badan serta sekuat apa korelasi keduanya.

4. **Kerahasiaan**

Seluruh informasi yang berhubungan dengan profil atau identitas responden akan peneliti rahasiakan dan hanya diketahui oleh peneliti. Hasil penelitian nantinya akan dipublikasikan tanpa mencantumkan identitas responden.

5. **Pembiayaan**

Seluruh pembiayaan yang berhubungan dengan penelitian ini akan ditanggung oleh peneliti.

6. **Informasi Tambahan**

Responden berkesempatan untuk bertanya mengenai hal yang belum dimengerti terkait penelitian ini, Apabila di lain waktu responden membutuhkan penjelasan lebih lanjut maka dapat menghubungi Anes Widya Ningsih melalui no *handphone*: 087896798556 atau melalui email: aneswidyaa@gmail.com.

Jambi, 30 Mei 2025

Lampiran 2. Lembar *Informed Consent*

FORMULIR *INFORMED CONSENT*
(KESEDIAAN MENGIKUTI PENELITIAN)

Saya yang bertanda tangan di bawah ini:

Nama :

NIM :

Usia :

Angkatan :

Menyatakan bahwa Saya telah mendapat penjelasan segala sesuatu mengenai penelitian yang berjudul "Korelasi Panjang Os Femur dengan Tinggi Badan pada Mahasiswa Kedokteran dan Ilmu Kesehatan Universitas Jambi Angkatan 2022-2024". Setelah membaca penjelasan tersebut, Saya bersedia untuk ikut serta menjadi responden dalam penelitian ini secara bebas dan tanpa paksaan dengan kondisi:

1. Data yang didapatkan dari penelitian ini akan dirahasikan dan hanya digunakan untuk kebutuhan dan kepentingan ilmiah.
2. Jika saya menginginkan, saya diperbolehkan untuk meninggalkan atau tidak mengikuti penelitian lagi dan saya harus menyampaikan alasan untuk meninggalkan atau tidak mengikuti penelitian lagi.

Jambi, 2025

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Lampiran 3. Lembar Data Diri dan Pengukuran

LEMBAR DATA DIRI DAN PENGUKURAN
KORELASI PANJANG OS FEMUR DENGAN TINGGI BADAN PADA MAHASISWA KEDOKTERAN DAN ILMU KESEHATAN UNIVERSITAS JAMBI ANGKATAN
2022-2024

A. Data Diri Responden

Nama lengkap :

NIM :

Angkatan :

Alamat :

Umur :

Jenis kelamin :

Ras :

No. HP :

B. Data Hasil Pengukuran

Pengukuran	Hasil Pengukuran		
	I	II	III
Panjang os femur kanan			
Panjang os femur kiri			
Tinggi badan (cm)			

Berat badan (kg) :

IMT (kg/m^2) :

Lampiran 4. *International Physical Activity Questionnaire-Short Form* (IPAQ-SF)

KUESIONER IPAQ-SF

***International Physical Activity Questionnaire-Short Form* (IPAQ-SF)**

1. Dalam waktu **7 hari terakhir**, berapa hari Anda telah melakukan **aktivitas fisik berat,** contohnya mengangkat barang berat, mencangkul, senam, atau bersepeda cepat?

   ____ hari per minggu

   ☐ Tidak ada aktivitas fisik berat ➡ **Lanjut ke nomor 3**

2. Berapa lama waktu yang Anda gunakan untuk melakukan **aktivitas fisik berat** pada salah satu hari tersebut?

   ____ jam ____ menit dalam sehari

   ☐ Tidak tahu/tidak pasti

3. Dalam waktu **7 hari terakhir**, berapa hari Anda telah melakukan **aktivitas fisik sedang,** contohnya mengangkat barang ringan, menyapu, bersepeda santai? Ini tidak termasuk jalan kaki

   ____ hari per minggu

   ☐ Tidak ada aktivitas fisik sedang ➡ **Lanjut ke nomor 5**

4. Berapa lama waktu yang Anda gunakan untuk melakukan **aktivitas fisik sedang** pada salah satu hari tersebut?

   ____ jam ____ menit dalam sehari

   ☐ Tidak tahu/tidak pasti

5. Dalam waktu **7 hari terakhir**, berapa hari Anda telah **berjalan kaki selama minimal 10 menit?**

   ____ hari per minggu

   ☐ Tidak berjalan kaki ➡ **Lanjut ke nomor 7**

6. Berapa lama waktu yang Anda gunakan untuk **berjalan kaki** pada salah satu hari tersebut?

   ____ jam ____ menit dalam sehari

   ☐ Tidak tahu/tidak pasti

7. Dalam waktu **7 hari terakhir**, berapa lama waktu yang Anda gunakan untuk **duduk pada saat hari kerja?**

   ____ jam ____ menit dalam sehari

   ☐ Tidak tahu/tidak pasti

Cara Mengukur Aktivitas Fisik dengan Hitung METs menit/minggu

METs menit/minggu = Frekuensi (hari/minggu) × Durasi (hari/minggu) × Nilai METs

Keterangan:

Nilai METs:

a. Aktivitas berat : 8 METs
b. Aktivitas sedang : 4 METs
c. Aktivitas jalan kaki : 3,3 METs

Total METs menit/minggu = METs berat + METs sedang + METs jalan kaki

Untuk kuesioner no. 7, asumsikan frekuensinya menjadi 5 hari karena hari kerja dan nilai METs nya adalah 1,5 METs

Interpretasi:

a. <600 METs menit/minggu : Tingkat aktivitas rendah (kurang aktif)
b. 600-3.000 METs menit/minggu : Tingkat aktivitas sedang (cukup aktif)
c. >3.000 METs menit/minggu : Tingkat aktivitas tinggi (sangat aktif)

Lampiran 5. Master Data

ID	Usia	Jenis Kelamin	IMT	Aktivitas Fisik	Ras	Femur Kanan	Femur Kiri	Tinggi Badan
1	21	2	2	3	2	41,2	41,2	155,5
2	21	2	1	1	2	40,5	40,5	153
3	21	2	2	2	2	40	40	160
4	21	1	2	2	2	46,1	46,1	170,7
5	21	1	2	2	2	43,7	43,7	162
6	21	2	2	2	2	41,9	41,9	158
7	20	1	1	2	2	42	42	163
8	21	2	2	2	2	41	41	158
9	22	2	4	2	2	40,3	40,3	152
10	21	1	2	2	2	48,9	48,9	181
11	21	2	2	2	2	42	42	161,5
12	21	2	2	2	2	40	40	161
13	22	1	2	3	2	38	38	173
14	22	1	2	2	2	38	38	171
15	22	2	1	3	2	38	38	145
16	21	2	2	3	2	43	43	151
17	21	2	2	2	2	42	42	154,5
18	21	1	2	3	2	44	44	180
19	22	2	2	3	2	41	41	151
20	21	2	3	1	2	41	41	153
21	20	1	2	2	2	43	43	181
22	22	2	2	2	2	38	38	156,5
23	21	1	3	2	2	44	44	168
24	21	2	1	1	2	40	40	156
25	22	2	4	2	2	39	39	165
26	21	2	2	2	2	40	40	153
27	21	2	4	1	2	38	38	150

28	21	2	3	1	2	40	40	158
29	22	1	2	2	2	41	41	172
30	22	2	2	2	2	38	38	156
31	20	2	2	2	2	43	43	160
32	20	1	3	3	2	38	38	173
33	21	1	2	2	2	38	38	167
34	20	1	3	2	2	45	45	172
35	20	2	3	3	2	47	47	161
36	20	2	2	2	2	35	35	149
37	20	2	3	2	2	41	41	153
38	20	1	2	3	1	44,3	44,3	184
39	19	2	4	1	2	44	44	165
40	20	2	4	2	2	38,7	38,7	148,3
41	20	1	1	2	2	40	40	166
42	21	1	2	2	2	50	50	182
43	20	1	2	1	2	35	35	164,2
44	18	1	2	2	2	39	39	165
45	18	2	2	2	2	35,7	35,7	145
46	19	2	2	2	2	34	34	154,8
47	19	2	3	2	2	38	38	155
48	18	2	2	2	2	39	39	158
49	19	2	2	2	2	35,7	35,7	151
50	19	2	2	2	1	38,7	38,7	168
51	19	1	2	2	2	39,3	39,3	167,8
52	18	1	2	2	2	44	44	169
53	19	1	2	2	2	40	40	174
54	19	1	2	3	2	35,7	35,7	166
55	21	2	2	2	2	38	38	150
56	21	2	2	1	2	42	42	164
57	22	2	2	2	2	39	39	156

58	21	2	3	2	2	42	42	162
59	21	2	2	2	2	41	41	166
60	20	1	2	1	2	38,3	38,3	157
61	20	1	3	3	2	37	37	163,8
62	20	1	1	2	2	41	41	168,3
63	20	2	2	3	2	43	43	162
64	20	2	3	2	2	38	38	148
65	19	1	2	1	2	39,7	39,7	165
66	18	2	2	2	2	38	38	157
67	19	2	2	2	2	40	40	154,5
68	19	2	3	1	2	36,3	36,3	154
69	22	1	2	3	3	38	38	154
70	19	2	1	3	2	42	42	157,5
71	18	2	1	2	2	39	39	155,3
72	19	2	3	2	2	41	41	153
73	19	2	2	3	2	39,3	39,3	149,8
74	19	2	2	2	2	44	44	163,8
75	19	2	2	1	2	43	43	163,5
76	20	1	2	3	2	42	42	167
77	19	1	1	1	2	41,3	41,3	171,5
78	21	1	2	2	2	44,3	44,3	170
79	21	2	1	2	2	39	39	163,3
80	21	2	1	3	2	33	33	146,5
81	20	2	4	3	2	40	40	155,5
82	19	2	3	2	2	42	42	161,5
83	19	2	2	2	2	36,7	36,7	151
84	21	2	2	2	2	34,3	34,3	148,6
85	20	2	2	1	2	45	45	171
86	20	2	2	2	2	41	41	164,4
87	20	2	1	2	2	43	43	160

88	20	2	3	2	2	40	40	149,4
89	19	1	2	3	2	39	39	171
90	19	2	3	1	2	35	35	149
91	19	2	1	2	2	44	44	167
92	19	2	2	2	2	42	42	157
93	19	1	2	3	2	39	39	169,4
94	18	2	2	2	2	43	43	158
95	20	1	2	2	2	37	37	162
96	21	1	2	1	2	39	39	170
97	20	2	2	2	2	38	38	157
98	20	1	2	3	2	44	44	179,6
99	20	2	2	3	2	41	41	156,5
100	19	2	2	1	2	39	39	154
101	19	1	2	3	2	42	42	165
102	21	1	2	3	2	38	38	162
103	20	2	3	3	2	38	38	167,5
104	20	2	2	3	2	36	36	157
105	19	2	4	3	2	38	38	159
106	20	1	3	3	2	40	40	171
107	20	1	1	1	2	39	39	158
108	20	2	2	2	2	36	36	142
109	19	2	2	2	2	39	39	149,6
110	19	2	2	1	2	39	39	151
111	19	2	3	2	2	41	41	158,5
112	20	2	2	2	2	36	36	148
113	18	2	2	2	2	42	42	158,4
114	19	1	1	3	2	42	42	174,5

Lampiran 6. Hasil *Output* SPSS

1. Deskriptif Karakteristik Responden

a) Frekuensi Jenis Kelamin

JENISKELAMIN

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	LAKI-LAKI	40	35.1	35.1	35.1
	PEREMPUAN	74	64.9	64.9	100.0
	Total	114	100.0	100.0	

b) Frekuensi Usia

USIA

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	18	8	7.0	7.0	7.0
	19	31	27.2	27.2	34.2
	20	33	28.9	28.9	63.2
	21	31	27.2	27.2	90.4
	22	11	9.6	9.6	100.0
	Total	114	100.0	100.0	

c) Frekuensi IMT

KODEIMT

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KURUS	15	13.2	13.2	13.2
	NORMAL	73	64.0	64.0	77.2
	BERAT BERLEBIH	19	16.7	16.7	93.9
	OBESITAS	7	6.1	6.1	100.0
	Total	114	100.0	100.0	

d) Frekuensi Aktivitas Fisik

AKTIVITASFISIK

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	RINGAN	19	16.7	16.7	16.7
	SEDANG	66	57.9	57.9	74.6
	BERAT	29	25.4	25.4	100.0
	Total	114	100.0	100.0	

e) Frekuensi Ras

RAS

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	KAUKASOID	2	1.8	1.8	1.8
	MONGOLOID	111	97.4	97.4	99.1
	NEGROID	1	.9	.9	100.0
	Total	114	100.0	100.0	

2. Rerata Pengukuran Panjang Femur dengan Tinggi Badan

a) Rerata Pengukuran Panjang Femur dengan Tinggi Badan pada Laki-Laki

Descriptives

			Statistic	Std. Error
FEMURKANAN	Mean		40.940	.5331
	95% Confidence Interval for Mean	Lower Bound	39.862	
		Upper Bound	42.018	
	5% Trimmed Mean		40.778	
	Median		40.000	
	Variance		11.369	
	Std. Deviation		3.3718	
	Minimum		35.0	
	Maximum		50.0	
	Range		15.0	
	Interquartile Range		5.8	
	Skewness		.694	.374
	Kurtosis		.337	.733
FEMURKIRI	Mean		40.940	.5331
	95% Confidence Interval for Mean	Lower Bound	39.862	
		Upper Bound	42.018	
	5% Trimmed Mean		40.778	
	Median		40.000	
	Variance		11.369	
	Std. Deviation		3.3718	
	Minimum		35.0	
	Maximum		50.0	
	Range		15.0	
	Interquartile Range		5.8	
	Skewness		.694	.374
	Kurtosis		.337	.733
TB	Mean		169.2700	1.08634
	95% Confidence Interval for Mean	Lower Bound	167.0727	
		Upper Bound	171.4673	
	5% Trimmed Mean		169.2722	
	Median		169.2000	
	Variance		47.205	
	Std. Deviation		6.87061	
	Minimum		154.00	
	Maximum		184.00	
	Range		30.00	
	Interquartile Range		7.75	
	Skewness		.198	.374
	Kurtosis		.024	.733

b) Rerata Pengukuran Panjang Femur dengan Tinggi Badan pada Perempuan

Descriptives

			Statistic	Std. Error
FEMURKANAN	Mean		39.747	.3193
	95% Confidence Interval for Mean	Lower Bound	39.111	
		Upper Bound	40.384	
	5% Trimmed Mean		39.770	
	Median		40.000	
	Variance		7.542	
	Std. Deviation		2.7463	
	Minimum		33.0	
	Maximum		47.0	
	Range		14.0	
	Interquartile Range		4.0	
	Skewness		-.143	.279
	Kurtosis		-.001	.552
FEMURKIRI	Mean		39.747	.3193
	95% Confidence Interval for Mean	Lower Bound	39.111	
		Upper Bound	40.384	
	5% Trimmed Mean		39.770	
	Median		40.000	
	Variance		7.542	
	Std. Deviation		2.7463	
	Minimum		33.0	
	Maximum		47.0	
	Range		14.0	
	Interquartile Range		4.0	
	Skewness		-.143	.279
	Kurtosis		-.001	.552
TB	Mean		156.1243	.71109
	95% Confidence Interval for Mean	Lower Bound	154.7071	
		Upper Bound	157.5415	
	5% Trimmed Mean		156.0848	
	Median		156.0000	
	Variance		37.418	
	Std. Deviation		6.11701	
	Minimum		142.00	
	Maximum		171.00	
	Range		29.00	
	Interquartile Range		9.25	
	Skewness		.135	.279
	Kurtosis		-.391	.552

c) Rerata Pengukuran Panjang Femur dengan Tinggi Badan pada Keseluruhan Responden

Descriptives

			Statistic	Std. Error
FEMURKANAN	Mean		40.166	.2829
	95% Confidence Interval for Mean	Lower Bound	39.605	
		Upper Bound	40.726	
	5% Trimmed Mean		40.103	
	Median		40.000	
	Variance		9.123	
	Std. Deviation		3.0205	
	Minimum		33.0	
	Maximum		50.0	
	Range		17.0	
	Interquartile Range		4.0	
	Skewness		.368	.226
	Kurtosis		.622	.449
FEMURKIRI	Mean		40.166	.2829
	95% Confidence Interval for Mean	Lower Bound	39.605	
		Upper Bound	40.726	
	5% Trimmed Mean		40.103	
	Median		40.000	
	Variance		9.123	
	Std. Deviation		3.0205	
	Minimum		33.0	
	Maximum		50.0	
	Range		17.0	
	Interquartile Range		4.0	
	Skewness		.368	.226
	Kurtosis		.622	.449
TB	Mean		160.7368	.83861
	95% Confidence Interval for Mean	Lower Bound	159.0754	
		Upper Bound	162.3983	
	5% Trimmed Mean		160.4306	
	Median		160.0000	
	Variance		80.172	
	Std. Deviation		8.95390	
	Minimum		142.00	
	Maximum		184.00	
	Range		42.00	
	Interquartile Range		13.00	
	Skewness		.395	.226
	Kurtosis		-.264	.449

3. **Uji Normalitas** dilakukan menggunakan Shapiro–Wilk karena ukuran sampel kurang dari 2000 dan uji ini memiliki sensitivitas yang lebih baik untuk mendeteksi distribusi normal pada ukuran sampel kecil hingga menengah.

a) Laki-laki

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
FEMURKANAN	.135	40	.065	.951	40	.080
FEMURKIRI	.135	40	.065	.951	40	.080
TB	.096	40	.200*	.974	40	.469

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

a. Lilliefors Significance Correction

b) Perempuan

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
FEMURKANAN	.100	74	.063	.985	74	.502
FEMURKIRI	.100	74	.063	.985	74	.502
TB	.069	74	.200*	.991	74	.902

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

a. Lilliefors Significance Correction

c) Keseluruhan Responden

Tests of Normality

	Kolmogorov-Smirnov[a]			Shapiro-Wilk		
	Statistic	df	Sig.	Statistic	df	Sig.
FEMURKANAN	.096	114	.011	.980	114	.092
FEMURKIRI	.096	114	.011	.980	114	.092
TB	.085	114	.042	.980	114	.084

a. Lilliefors Significance Correction

UJI BIVARIAT

1. **Korelasi Panjang Femur dengan Tinggi Badan dengan korelasi Pearson**

   a) Korelasi Panjang Femur dengan Tinggi Badan pada Laki-Laki

   - Korelasi Panjang Femur Kanan dengan Tinggi Badan pada Laki-Laki

Correlations

		FEMURKANAN	TB
FEMURKANAN	Pearson Correlation	1	.599***
	Sig. (2-tailed)		<.001
	N	40	40
TB	Pearson Correlation	.599***	1
	Sig. (2-tailed)	<.001	
	N	40	40

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKANAN <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kiri dengan Tinggi Badan pada Laki-Laki

Correlations

		FEMURKIRI	TB
FEMURKIRI	Pearson Correlation	1	.599***
	Sig. (2-tailed)		<.001
	N	40	40
TB	Pearson Correlation	.599***	1
	Sig. (2-tailed)	<.001	
	N	40	40

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kanan dan Kiri dengan Tinggi Badan pada Laki-Laki

Correlations

		FEMURKANAN	FEMURKIRI	TB
FEMURKANAN	Pearson Correlation	1	1.000***	.599***
	Sig. (2-tailed)		<.001	<.001
	N	40	40	40
FEMURKIRI	Pearson Correlation	1.000***	1	.599***
	Sig. (2-tailed)	<.001		<.001
	N	40	40	40
TB	Pearson Correlation	.599***	.599***	1
	Sig. (2-tailed)	<.001	<.001	
	N	40	40	40

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(FEMURKANAN <---> FEMURKIRI)*

Positive: *(FEMURKANAN <---> TB), (FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

b) Korelasi Panjang Femur dengan Tinggi Badan pada Perempuan

- Korelasi Panjang Femur Kanan dengan Tinggi Badan pada Perempuan

Correlations

		FEMURKANAN	TB
FEMURKANAN	Pearson Correlation	1	.598***
	Sig. (2-tailed)		<.001
	N	74	74
TB	Pearson Correlation	.598***	1
	Sig. (2-tailed)	<.001	
	N	74	74

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKANAN <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kiri dengan Tinggi Badan pada Perempuan

Correlations

		FEMURKIRI	TB
FEMURKIRI	Pearson Correlation	1	.598***
	Sig. (2-tailed)		<.001
	N	74	74
TB	Pearson Correlation	.598***	1
	Sig. (2-tailed)	<.001	
	N	74	74

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kanan dan Kiri dengan Tinggi Badan pada Perempuan

Correlations

		FEMURKANAN	FEMURKIRI	TB
FEMURKANAN	Pearson Correlation	1	1.000***	.598***
	Sig. (2-tailed)		<.001	<.001
	N	74	74	74
FEMURKIRI	Pearson Correlation	1.000***	1	.598***
	Sig. (2-tailed)	<.001		<.001
	N	74	74	74
TB	Pearson Correlation	.598***	.598***	1
	Sig. (2-tailed)	<.001	<.001	
	N	74	74	74

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(FEMURKANAN <---> FEMURKIRI)*

Positive: *(FEMURKANAN <---> TB), (FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

c) Korelasi Panjang Femur dengan Tinggi Badan pada Keseluruhan Responden

- Korelasi Panjang Femur Kanan dengan Tinggi Badan pada Keseluruhan Responden

Correlations

		FEMURKANAN	TB
FEMURKANAN	Pearson Correlation	1	.550***
	Sig. (2-tailed)		<.001
	N	114	114
TB	Pearson Correlation	.550***	1
	Sig. (2-tailed)	<.001	
	N	114	114

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKANAN <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kiri dengan Tinggi Badan pada Keseluruhan Responden

Correlations

		FEMURKIRI	TB
FEMURKIRI	Pearson Correlation	1	.550***
	Sig. (2-tailed)		<.001
	N	114	114
TB	Pearson Correlation	.550***	1
	Sig. (2-tailed)	<.001	
	N	114	114

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(None)*

Positive: *(FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

- Korelasi Panjang Femur Kanan dan Kiri dengan Tinggi Badan pada Keseluruhan Responden

Correlations

		FEMURKANAN	FEMURKIRI	TB
FEMURKANAN	Pearson Correlation	1	1.000***	.550***
	Sig. (2-tailed)		<.001	<.001
	N	114	114	114
FEMURKIRI	Pearson Correlation	1.000***	1	.550***
	Sig. (2-tailed)	<.001		<.001
	N	114	114	114
TB	Pearson Correlation	.550***	.550***	1
	Sig. (2-tailed)	<.001	<.001	
	N	114	114	114

***. Correlation at 0.001(2-tailed)

Pearson Correlations

Highly Positive: *(FEMURKANAN <---> FEMURKIRI)*

Positive: *(FEMURKANAN <---> TB), (FEMURKIRI <---> TB)*

No Linear Correlation: *(None)*

Negative: *(None)*

Highly Negative: *(None)*

Note: Curated Help is calculated based on actual cell values, not the formatted values.

2. Uji Kesamaan Varians (Homogenitas) dengan Levene's *Test* dan Uji ANOVA

a) Uji Homogenitas IMT & Uji ANOVA IMT terhadap Femur Kanan

Descriptives

FEMURKANAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KURUS	15	40.253	2.6046	.6725	38.811	41.696	33.0	44.0
NORMAL	73	40.175	3.2132	.3761	39.426	40.925	34.0	50.0
BERAT BERLEBIH	19	40.226	3.0251	.6940	38.768	41.684	35.0	47.0
OBESITAS	7	39.714	2.0900	.7899	37.781	41.647	38.0	44.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKANAN	Based on Mean	1.241	3	110	.298
	Based on Median	1.267	3	110	.289
	Based on Median and with adjusted df	1.267	3	109.438	.289
	Based on trimmed mean	1.222	3	110	.305

ANOVA

FEMURKANAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.618	3	.539	.058	.982
Within Groups	1029.298	110	9.357		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKANAN	Eta-squared	.002	.000	.000
	Epsilon-squared	-.026	-.027	-.027
	Omega-squared Fixed-effect	-.025	-.027	-.027
	Omega-squared Random-effect	-.008	-.009	-.009

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

b) Uji Homogenitas Aktivitas Fisik & Uji ANOVA Aktivitas Fisik terhadap Femur Kanan

Descriptives

FEMURKANAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
RINGAN	19	39.742	2.6910	.6174	38.445	41.039	35.0	45.0
SEDANG	66	40.338	3.1256	.3847	39.570	41.106	34.0	50.0
BERAT	29	40.052	3.0463	.5657	38.893	41.210	33.0	47.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKANAN	Based on Mean	.412	2	111	.663
	Based on Median	.375	2	111	.688
	Based on Median and with adjusted df	.375	2	108.661	.688
	Based on trimmed mean	.404	2	111	.668

ANOVA

FEMURKANAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.743	2	2.871	.311	.733
Within Groups	1025.174	111	9.236		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKANAN	Eta-squared	.006	.000	.046
	Epsilon-squared	-.012	-.018	.029
	Omega-squared Fixed-effect	-.012	-.018	.029
	Omega-squared Random-effect	-.006	-.009	.015

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

c) Uji Homogenitas Ras Antropometri & Uji ANOVA Ras Antropometri terhadap Femur Kanan

Descriptives

FEMURKANAN

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KAUKASOID	2	41.500	3.9598	2.8000	5.923	77.077	38.7	44.3
MONGOLOID	111	40.161	3.0256	.2872	39.592	40.730	33.0	50.0
NEGROID	1	38.000	.	.	.	.	38.0	38.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKANAN	Based on Mean	.108	1	111	.743
	Based on Median	.112	1	111	.738
	Based on Median and with adjusted df	.112	1	110.000	.738
	Based on trimmed mean	.110	1	111	.741

ANOVA

FEMURKANAN

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8.253	2	4.127	.448	.640
Within Groups	1022.663	111	9.213		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKANAN	Eta-squared	.008	.000	.055
	Epsilon-squared	-.010	-.018	.038
	Omega-squared Fixed-effect	-.010	-.018	.037
	Omega-squared Random-effect	-.005	-.009	.019

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

d) Uji Homogenitas IMT & Uji ANOVA IMT terhadap Femur Kiri

Descriptives

FEMURKIRI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KURUS	15	40.253	2.6046	.6725	38.811	41.696	33.0	44.0
NORMAL	73	40.175	3.2132	.3761	39.426	40.925	34.0	50.0
BERAT BERLEBIH	19	40.226	3.0251	.6940	38.768	41.684	35.0	47.0
OBESITAS	7	39.714	2.0900	.7899	37.781	41.647	38.0	44.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKIRI	Based on Mean	1.241	3	110	.298
	Based on Median	1.267	3	110	.289
	Based on Median and with adjusted df	1.267	3	109.438	.289
	Based on trimmed mean	1.222	3	110	.305

ANOVA

FEMURKIRI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	1.618	3	.539	.058	.982
Within Groups	1029.298	110	9.357		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKIRI	Eta-squared	.002	.000	.000
	Epsilon-squared	-.026	-.027	-.027
	Omega-squared Fixed-effect	-.025	-.027	-.027
	Omega-squared Random-effect	-.008	-.009	-.009

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

e) Uji Homogenitas Aktivitas Fisik & Uji ANOVA Aktivitas Fisik terhadap Femur Kiri

Descriptives

FEMURKIRI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
RINGAN	19	39.742	2.6910	.6174	38.445	41.039	35.0	45.0
SEDANG	66	40.338	3.1256	.3847	39.570	41.106	34.0	50.0
BERAT	29	40.052	3.0463	.5657	38.893	41.210	33.0	47.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKIRI	Based on Mean	.412	2	111	.663
	Based on Median	.375	2	111	.688
	Based on Median and with adjusted df	.375	2	108.661	.688
	Based on trimmed mean	.404	2	111	.668

ANOVA

FEMURKIRI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	5.743	2	2.871	.311	.733
Within Groups	1025.174	111	9.236		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKIRI	Eta-squared	.006	.000	.046
	Epsilon-squared	-.012	-.018	.029
	Omega-squared Fixed-effect	-.012	-.018	.029
	Omega-squared Random-effect	-.006	-.009	.015

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

f) Uji Homogenitas Ras Antropometri & Uji ANOVA Ras Antropometri terhadap Femur Kiri

Descriptives

FEMURKIRI

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
KAUKASOID	2	41.500	3.9598	2.8000	5.923	77.077	38.7	44.3
MONGOLOID	111	40.161	3.0256	.2872	39.592	40.730	33.0	50.0
NEGROID	1	38.000	.	.	.	.	38.0	38.0
Total	114	40.166	3.0205	.2829	39.605	40.726	33.0	50.0

Tests of Homogeneity of Variances

		Levene Statistic	df1	df2	Sig.
FEMURKIRI	Based on Mean	.108	1	111	.743
	Based on Median	.112	1	111	.738
	Based on Median and with adjusted df	.112	1	110.000	.738
	Based on trimmed mean	.110	1	111	.741

ANOVA

FEMURKIRI

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	8.253	2	4.127	.448	.640
Within Groups	1022.663	111	9.213		
Total	1030.917	113			

ANOVA Effect Sizes[a,b]

		Point Estimate	95% Confidence Interval	
			Lower	Upper
FEMURKIRI	Eta-squared	.008	.000	.055
	Epsilon-squared	-.010	-.018	.038
	Omega-squared Fixed-effect	-.010	-.018	.037
	Omega-squared Random-effect	-.005	-.009	.019

a. Eta-squared and Epsilon-squared are estimated based on the fixed-effect model.

b. Negative but less biased estimates are retained, not rounded to zero.

3. Estimasi Tinggi Badan dari Panjang Femur dengan Uji Regresi Linear Sederhana

a) Estimasi Tinggi Badan dari Panjang Femur Laki-Laki

1) Estimasi Tinggi Badan dari Panjang Femur Kanan Laki-Laki

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKANAN[b]	.	Enter

a. Dependent Variable: TB
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.599[a]	.359	.342	5.57230	1.731

a. Predictors: (Constant), FEMURKANAN
b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	661.085	1	661.085	21.291	<.001[b]
	Residual	1179.919	38	31.050		
	Total	1841.004	39			

a. Dependent Variable: TB
b. Predictors: (Constant), FEMURKANAN

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	119.280	10.870		10.974	<.001	97.276	141.285
	FEMURKANAN	1.221	.265	.599	4.614	<.001	.685	1.757

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	162.0170	180.3327	169.2700	4.11715	40
Residual	-11.68012	10.62728	.00000	5.50039	40
Std. Predicted Value	-1.762	2.687	.000	1.000	40
Std. Residual	-2.096	1.907	.000	.987	40

a. Dependent Variable: TB

2) Estimasi Tinggi Badan dari Panjang Femur Kiri Laki-Laki

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKIRI[b]	.	Enter

a. Dependent Variable: TB

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin–Watson
1	.599[a]	.359	.342	5.57230	1.731

a. Predictors: (Constant), FEMURKIRI

b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	661.085	1	661.085	21.291	<.001[b]
	Residual	1179.919	38	31.050		
	Total	1841.004	39			

a. Dependent Variable: TB

b. Predictors: (Constant), FEMURKIRI

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	119.280	10.870		10.974	<.001	97.276	141.285
	FEMURKIRI	1.221	.265	.599	4.614	<.001	.685	1.757

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	162.0170	180.3327	169.2700	4.11715	40
Residual	−11.68012	10.62728	.00000	5.50039	40
Std. Predicted Value	−1.762	2.687	.000	1.000	40
Std. Residual	−2.096	1.907	.000	.987	40

a. Dependent Variable: TB

b) Estimasi Tinggi Badan dari Panjang Femur Perempuan

1) Estimasi Tinggi Badan dari Panjang Femur Kanan Perempuan

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKANAN[b]	.	Enter

a. Dependent Variable: TB
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.598[a]	.357	.348	4.93855	1.757

a. Predictors: (Constant), FEMURKANAN
b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	975.466	1	975.466	39.996	<.001[b]
	Residual	1756.031	72	24.389		
	Total	2731.496	73			

a. Dependent Variable: TB
b. Predictors: (Constant), FEMURKANAN

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	103.219	8.385		12.310	<.001	86.503	119.934
	FEMURKANAN	1.331	.210	.598	6.324	<.001	.911	1.751

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	147.1433	165.7780	156.1243	3.65548	74
Residual	-9.45383	13.70141	.00000	4.90461	74
Std. Predicted Value	-2.457	2.641	.000	1.000	74
Std. Residual	-1.914	2.774	.000	.993	74

a. Dependent Variable: TB

2) Estimasi Tinggi Badan dari Panjang Femur Kiri Perempuan

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKIRI[b]	.	Enter

a. Dependent Variable: TB

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin–Watson
1	.598[a]	.357	.348	4.93855	1.757

a. Predictors: (Constant), FEMURKIRI

b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	975.466	1	975.466	39.996	<.001[b]
	Residual	1756.031	72	24.389		
	Total	2731.496	73			

a. Dependent Variable: TB

b. Predictors: (Constant), FEMURKIRI

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			95.0% Confidence Interval for B	
		B	Std. Error	Beta	t	Sig.	Lower Bound	Upper Bound
1	(Constant)	103.219	8.385		12.310	<.001	86.503	119.934
	FEMURKIRI	1.331	.210	.598	6.324	<.001	.911	1.751

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	147.1433	165.7780	156.1243	3.65548	74
Residual	-9.45383	13.70141	.00000	4.90461	74
Std. Predicted Value	-2.457	2.641	.000	1.000	74
Std. Residual	-1.914	2.774	.000	.993	74

a. Dependent Variable: TB

c) Estimasi Tinggi Badan dari Panjang Femur Keseluruhan Responden

1) Estimasi Tinggi Badan dari Panjang Femur Kanan Keseluruhan Responden

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKANAN[b]	.	Enter

a. Dependent Variable: TB
b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin-Watson
1	.550[a]	.303	.296	7.51027	1.802

a. Predictors: (Constant), FEMURKANAN
b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2742.204	1	2742.204	48.617	<.001[b]
	Residual	6317.261	112	56.404		
	Total	9059.465	113			

a. Dependent Variable: TB
b. Predictors: (Constant), FEMURKANAN

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients			95.0% Confidence Interval for B	
		B	Std. Error	Beta	t	Sig.	Lower Bound	Upper Bound
1	(Constant)	95.229	9.421		10.108	<.001	76.562	113.896
	FEMURKANAN	1.631	.234	.550	6.973	<.001	1.167	2.094

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	149.0499	176.7758	160.7368	4.92618	114
Residual	-14.35927	16.52051	.00000	7.47696	114
Std. Predicted Value	-2.372	3.256	.000	1.000	114
Std. Residual	-1.912	2.200	.000	.996	114

a. Dependent Variable: TB

2) Estimasi Tinggi Badan dari Panjang Femur Kiri Keseluruhan Responden

Variables Entered/Removed[a]

Model	Variables Entered	Variables Removed	Method
1	FEMURKIRI[b]	.	Enter

a. Dependent Variable: TB

b. All requested variables entered.

Model Summary[b]

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate	Durbin–Watson
1	.550[a]	.303	.296	7.51027	1.802

a. Predictors: (Constant), FEMURKIRI

b. Dependent Variable: TB

ANOVA[a]

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	2742.204	1	2742.204	48.617	<.001[b]
	Residual	6317.261	112	56.404		
	Total	9059.465	113			

a. Dependent Variable: TB

b. Predictors: (Constant), FEMURKIRI

Coefficients[a]

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	95.229	9.421		10.108	<.001	76.562	113.896
	FEMURKIRI	1.631	.234	.550	6.973	<.001	1.167	2.094

a. Dependent Variable: TB

Residuals Statistics[a]

	Minimum	Maximum	Mean	Std. Deviation	N
Predicted Value	149.0499	176.7758	160.7368	4.92618	114
Residual	-14.35927	16.52051	.00000	7.47696	114
Std. Predicted Value	-2.372	3.256	.000	1.000	114
Std. Residual	-1.912	2.200	.000	.996	114

a. Dependent Variable: TB