

## DAFTAR PUSTAKA

1. Kleerekoper M, Avioli LP. Evaluation and Treatment of Postmenopausal Osteoporosis in Primer on The Metabolic Bone Diseases and Disorders of Mineral Metabolism, 2<sup>nd</sup> ed, Raven Press, New York 1993 : 223-228.
2. Genant HK. Radiology in Osteoporosis in Evaluation and Treatment of Postmenopausal Osteoporosis. Primer on The Metabolic Bone Diseases and Disorders of Mineral Metabolism, 2<sup>nd</sup> ed, Raven Press, New York 1993 :229-234.
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7. Reksoprodjo S. Osteoporosis, Diagnosis dan Terapi. Kumpulan Makalah 2002: 234-241.
8. Singh M, Nagrath AR. Changes in Trabecular Pattern of Upper End of Femur as an Index of Osteoporosis. J Bone & Joint Surgery 1970;52-A :457-467.

## Correlations

### Descriptive Statistics

	Mean	Std. Deviation	N
UMUR	56,7700	9,12855	100
Singh Index	4,5500	1,19236	100

### Correlations

		UMUR	Singh Index
UMUR	Pearson Correlation	1	-,833**
	Sig. (2-tailed)	.	,000
	N	100	100
Singh Index	Pearson Correlation	-,833**	1
	Sig. (2-tailed)	,000	.
	N	100	100

\*\* . Correlation is significant at the 0.01 level (2-tailed).

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Jenis Kelamin * Singh Index	100	100,0%	0	,0%	100	100,0%

### Jenis Kelamin \* Singh Index Crosstabulation

			Singh Index				Total
			5 - 6	4	3	2	
Jenis Kelamin	Laki-laki	Count	30	4	9	2	45
		% within Jenis Kelamin	66,7%	8,9%	20,0%	4,4%	100,0%
	Perempuan	Count	29	15	7	4	55
		% within Jenis Kelamin	52,7%	27,3%	12,7%	7,3%	100,0%
Total		Count	59	19	16	6	100
		% within Jenis Kelamin	59,0%	19,0%	16,0%	6,0%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	6,366 <sup>a</sup>	3	,095
Likelihood Ratio	6,728	3	,081
Linear-by-Linear Association	,416	1	,519
N of Valid Cases	100		

a. 2 cells (25,0%) have expected count less than 5. The minimum expected count is 2,70.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	,252	,095
	Cramer's V	,252	,095
	Contingency Coefficient	,245	,095
N of Valid Cases		100	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Kelompok umur * Singh Index	100	100,0%	0	,0%	100	100,0%

### Kelompok umur \* Singh Index Crosstabulation

			Singh Index				Total
			5 - 6	4	3	2	
Kelompok umur	40-50 tahun	Count	26	2	0	0	28
		% within Kelompok umur	92,9%	7,1%	,0%	,0%	100,0%
	51-60 tahun	Count	30	10	0	0	40
		% within Kelompok umur	75,0%	25,0%	,0%	,0%	100,0%
	61-70 tahun	Count	3	6	14	2	25
		% within Kelompok umur	12,0%	24,0%	56,0%	8,0%	100,0%
	> 70 tahun	Count	0	1	2	4	7
		% within Kelompok umur	,0%	14,3%	28,6%	57,1%	100,0%
Total	Count	59	19	16	6	100	
	% within Kelompok umur	59,0%	19,0%	16,0%	6,0%	100,0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	95,240 <sup>a</sup>	9	,000
Likelihood Ratio	88,811	9	,000
Linear-by-Linear Association	57,584	1	,000
N of Valid Cases	100		

a. 10 cells (62,5%) have expected count less than 5. The minimum expected count is ,42.

### Symmetric Measures

		Value	Approx. Sig.
Nominal by	Phi	,976	,000
Nominal	Cramer's V	,563	,000
	Contingency Coefficient	,698	,000
N of Valid Cases		100	

- a. Not assuming the null hypothesis.
- b. Using the asymptotic standard error assuming the null hypothesis.

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		% within Jenis Kelamin	52,7%	27,3%	12,7%	7,3%	100,0%
Total		Count	59	19	16	6	100
		% within Jenis Kelamin	59,0%	19,0%	16,0%	6,0%	100,0%

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	Contingency Coefficient	,245	,095
N of Valid Cases		100	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.



## Crosstabs

### Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Kelompok umur * Singh Index	100	100,0%	0	,0%	100	100,0%

### Kelompok umur \* Singh Index Crosstabulation

			Singh Index				Total
			5 - 6	4	3	2	
Kelompok umur	40-50 tahun	Count	26	2	0	0	28
		% within Kelompok umur	92,9%	7,1%	,0%	,0%	100,0%
	51-60 tahun	Count	30	10	0	0	40
		% within Kelompok umur	75,0%	25,0%	,0%	,0%	100,0%
	61-70 tahun	Count	3	6	14	2	25
		% within Kelompok umur	12,0%	24,0%	56,0%	8,0%	100,0%
	> 70 tahun	Count	0	1	2	4	7
		% within Kelompok umur	,0%	14,3%	28,6%	57,1%	100,0%
Total	Count	59	19	16	6	100	
	% within Kelompok umur	59,0%	19,0%	16,0%	6,0%	100,0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
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Likelihood Ratio	88,811	9	,000
Linear-by-Linear Association	57,584	1	,000
N of Valid Cases	100		

a. 10 cells (62,5%) have expected count less than 5. The minimum expected count is ,42.

### Symmetric Measures

		Value	Approx. Sig.
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Nominal	Cramer's V	,563	,000
	Contingency Coefficient	,698	,000
N of Valid Cases		100	

- a. Not assuming the null hypothesis.
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## Crosstabs

### Kelompok umur \* Singh Index

Crosstab

		Singh Index					Total	
		6	5	4	3	2		
Kelompok umur	40-50 tahun	Count	17	9	2	0	0	28
		% within Kelompok umu	60,7%	32,1%	7,1%	,0%	,0%	100,0%
	51-60 tahun	Count	7	23	10	0	0	40
		% within Kelompok umu	17,5%	57,5%	25,0%	,0%	,0%	100,0%
	61-70 tahun	Count	0	3	6	14	2	25
		% within Kelompok umu	,0%	12,0%	24,0%	56,0%	8,0%	100,0%
	> 70 tahun	Count	0	0	1	2	4	7
		% within Kelompok umu	,0%	,0%	14,3%	28,6%	57,1%	100,0%
Total	Count	24	35	19	16	6	100	
	% within Kelompok umu	24,0%	35,0%	19,0%	16,0%	6,0%	100,0%	

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	110,764 <sup>a</sup>	12	,000
Likelihood Ratio	102,401	12	,000
Linear-by-Linear Association	62,275	1	,000
N of Valid Cases	100		

a. 11 cells (55,0%) have expected count less than 5. The minimum expected count is ,42.

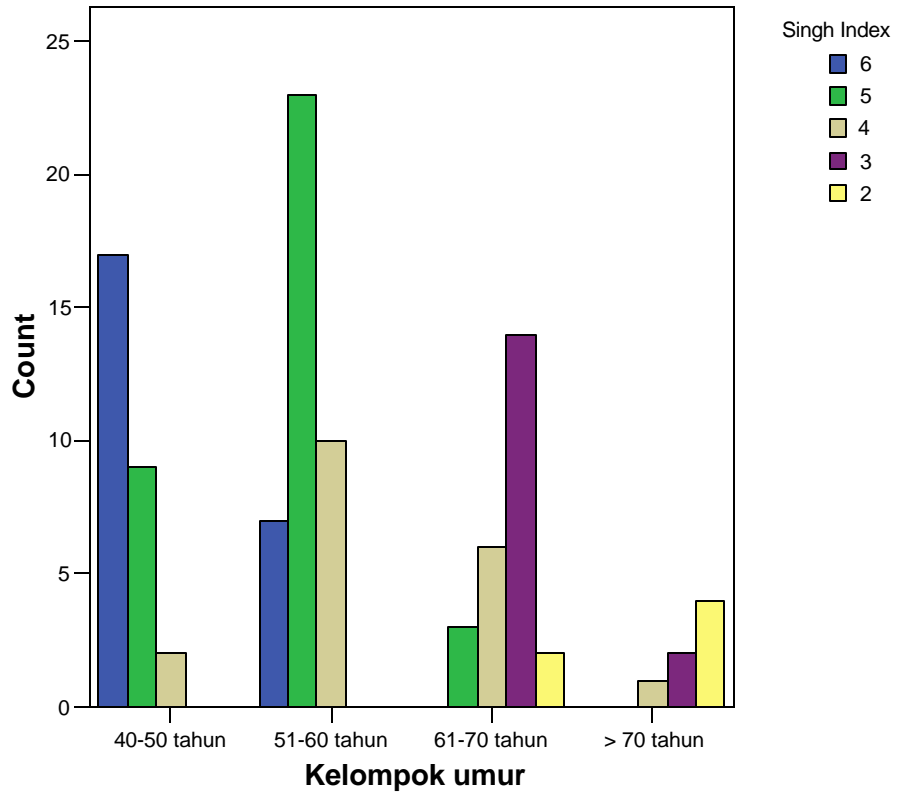
### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	1,052	,000
	Cramer's V	,608	,000
	Contingency Coefficient	,725	,000
N of Valid Cases		100	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

**Bar Chart**



## Jenis Kelamin \* Singh Index

Crosstab

			Singh Index					Total
			6	5	4	3	2	
Jenis Kelamin	Laki-laki	Count	14	16	4	9	2	45
		% within Jenis Kelamin	31,1%	35,6%	8,9%	20,0%	4,4%	100,0%
	Perempuan	Count	10	19	15	7	4	55
		% within Jenis Kelamin	18,2%	34,5%	27,3%	12,7%	7,3%	100,0%
Total		Count	24	35	19	16	6	100
		% within Jenis Kelamin	24,0%	35,0%	19,0%	16,0%	6,0%	100,0%

### Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	7,282 <sup>a</sup>	4	,122
Likelihood Ratio	7,639	4	,106
Linear-by-Linear Association	1,110	1	,292
N of Valid Cases	100		

a. 2 cells (20,0%) have expected count less than 5. The minimum expected count is 2,70.

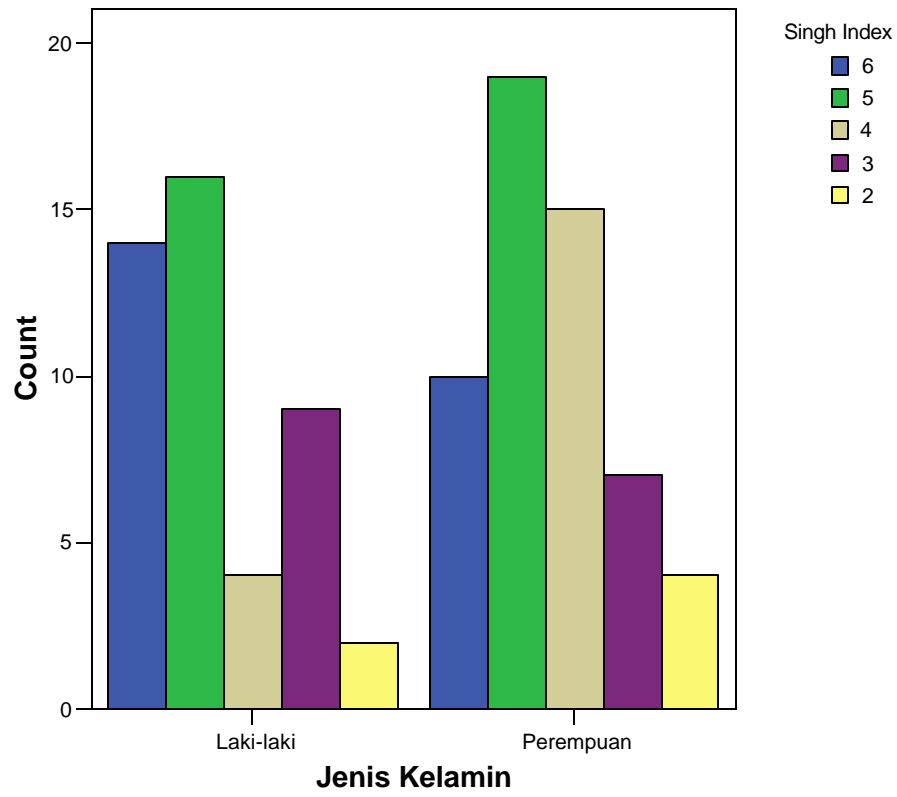
### Symmetric Measures

		Value	Approx. Sig.
Nominal by Nominal	Phi	,270	,122
	Cramer's V	,270	,122
	Contingency Coefficient	,261	,122
N of Valid Cases		100	

a. Not assuming the null hypothesis.

b. Using the asymptotic standard error assuming the null hypothesis.

Bar Chart



# Correlations

Correlations

		UMUR	Singh Index
UMUR	Pearson Correlation	1	-,833**
	Sig. (2-tailed)	.	,000
	N	100	100
Singh Index	Pearson Correlation	-,833**	1
	Sig. (2-tailed)	,000	.
	N	100	100

\*\* . Correlation is significant at the 0.01 level (2-tailed).

# KUISONER

## I. IDENTITAS

Nama :  
Umur :  
Jenis kelamin :  
Alamat :  
No. Telepon :  
Status :  
Agama :  
Pendidikan terakhir :  
Pekerjaan :

## II. RIWAYAT KESEHATAN

1. Riwayat Penyakit Sebelumnya : Ya / Tidak
  - ? Diabetes Mellitus
  - ? Thyroid
  - ? Tekanan Darah Tinggi
  - ? Penyakit Jantung
  - ? Patah Tulang
  - ? Lain-lain : .....
  
2. Riwayat pemakaian obat-obatan : Ya / Tidak
  - ? Jenis : .....
  - ? Lama pemakaian : .....
  
3. Usia Menarche : .....
  
4. Jumlah anak : .....
  
5. Riwayat pemakaian alat kontrasepsi : Ya / Tidak
  - ? Jenis : .....
  - ? Lama pemakaian : .....
  
6. Usia Menopause : .....
  
7. Riwayat merokok : Ya / Tidak
  - ? Jumlah : ..... batang/hari
  - ? Usia mulai merokok : ..... Tahun
  
8. Riwayat minum minuman beralkohol : Ya / Tidak
  - ? Jumlah : .....



## LEMBAR PERSETUJUAN

Saya yang bertanda tangan dibawah ini :

Nama :  
Umur :  
Alamat :  
No. KTP :

Menyatakan bersedia terlibat dalam penelitian ” *Hubungan Gambaran Singh Index Dengan Umur*”

Makassar, .....

(.....)