



Lampiran 3. Surat Kerjasama Pemeriksaan Osteoporosis



Dairy for life

Jakarta, _____ 2008

PT Fonterra Brands Indonesia

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Indonesia

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Kepada Yth,
Bapak/Ibu
Jabatan _____
Instansi/Outlet _____
Kota _____

Hal : Penawaran Kerja Sama Pemeriksaan Osteoporosis

Dengan hormat,

Kami dari PT Fonterra Brands Indonesia bermaksud menjalin kerja sama dengan **Institusi/outlet** yang Bapak/Ibu pimpin berupa kegiatan **Pemeriksaan Tulang (Bone Scan)** untuk mengetahui secara dini terjadinya kekeroposan tulang atau **Osteoporosis**.

Kegiatan tersebut akan dijadwalkan pada :

Hari / Tanggal _____
Jam _____

Pemeriksaan Tulang GRATIS dari **ANLENE** ini juga dapat menjadi alat promosi serta mengangkat **nama institusi/outlet** Bapak / Ibu sebagai lembaga yang peduli akan kesehatan masyarakat.

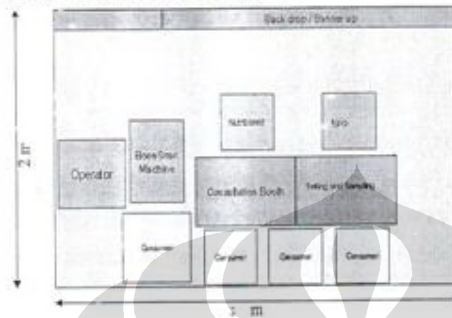
Berikut ini adalah teknis pelaksanaan dari kegiatan Pemeriksaan Osteoporosis ini :

1. **PT Fonterra Brands Indonesia akan menyediakan :**

- Mesin pemeriksaan tulang (bone densitometri – GE Achilles Insight/Express) beserta peralatan pendukungnya (UPS, DVD player, speaker aktif dan projector)
- Tim **Ahli Gizi / Nutritionist** yang berpengalaman untuk konsultasi gizi
- Tim Promosi untuk mengajak karyawan/ti atau pengunjung/konsumen untuk ikut serta dan mendukung kegiatan ini
- Produk untuk sampling dan selling, beserta dispensernya

2. Pihak institusi / outlet menyediakan dan mengijinkan :

- Tempat / lokasi yang strategis untuk kegiatan sebesar $\pm 2 \times 3$ m² (lihat Lay Out) dengan suhu ruangan sekitar 25°C.



- Sumber listrik untuk mesin bone densitometri, projector, UPS, DVD serta dispenser (sekitar 500 watt).
- Tempat / lokasi untuk memasang spanduk kegiatan (bila memungkinkan).
- Tim Promosi : untuk memberikan informasi, promosi serta mengajak karyawan/ti serta pengunjung/konsumen di institusi/outlet dan melakukan registrasi selama acara **Pemeriksaan Tulang GRATIS dari ANLENE** berlangsung serta melakukan direct selling/penjualan produk .

Persyaratan untuk mengikuti kegiatan Pemeriksaan Osteoporosis :

- Setiap peserta yang ingin mengikuti Pemeriksaan Tulang **TIDAK** diwajibkan membeli produk ANLENE (Gratis Pemeriksaan)

Demikian proposal ini kami ajukan, apabila terdapat hal yang ingin ditanyakan, Bapak/Ibu dapat segera menghubungi kami. Mohon surat konfirmasi dibawah ini diisi dan dikembalikan kepada kami.

Atas perhatian serta kerja sama yang baik kami ucapkan terima kasih.

Hormat kami,

.....
(Pihak FBI)

SURAT KONFIRMASI

Yang bertanda tangan di bawah ini menerangkan bahwa :

Nama :
Jabatan :
Nama institusi/outlet :

Bersedia dan tidak keberatan untuk diadakan / dilaksanakan kegiatan Pemeriksaan Osteoporosis **GRATIS dari ANLENE** di outlet / institusi kami dengan ketentuan :

- Tempat / lokasi yang strategis untuk kegiatan Pemeriksaan Osteoporosis $\pm 2 \times 3$ m dengan suhu ruangan +/- 25°C.
- Sumber listrik untuk mesin bone densitometri (GE Achilles Insight/Express), projector, UPS, DVD dan Dispenser.
- Memberikan ijin kepada team Promosi untuk memberikan informasi kepada pengunjung dan mendukung jalannya acara pada saat pelaksanaan kegiatan.
- Memberikan ijin kepada team Promosi untuk free drink ANLENE / sampling dan pemajangan produk ANLENE serta melakukan penjualan / direct selling pada saat pelaksanaan kegiatan

Kegiatan pemeriksaan Osteoporosis tersebut diatas akan dilaksanakan pada :

Hari / tanggal :
Jam :
Lokasi :

Demikian surat konfirmasi dari kami untuk mendukung acara di atas.

Jakarta,2008

.....
(Pihak Institusi/Outlet)

**KUESIONER PENELITIAN HUBUNGAN UMUR, STATUS GIZI, GAYA
HIDUP, DAN KEBIASAAN KONSUMSI KALSIUM DAN VITAMIN D
DENGAN KEJADIAN OSTEOPOROSIS DAN OSTEOPENIA
PADA WARGA USIA \geq 45 TAHUN DI TAMAN WISMA ASRI
BEKASI UTARA TAHUN 2009**

Sebelumnya saya ingin menyampaikan terimakasih kepada Bapak/Ibu yang telah bersedia untuk diwawancara.

Nama saya Ratih Agustin Prikhatina, mahasiswa semester terakhir Fakultas Kesehatan Masyarakat Universitas Indonesia.

Saat ini sedang melakukan penelitian mengenai Hubungan Umur, Status Gizi, Gaya Hidup dan Kebiasaan Konsumsi Kalsium dan Vitamin D dengan Kejadian Osteoporosis dan Osteopenia Pada Warga Usia \geq 45 tahun di Taman Wisma Asri Bekasi Utara. Dan saya dibantu oleh beberapa teman saya. Oleh karena itu, saya berharap bapak/Ibu dapat menjawab kuesioner dengan jujur dan lengkap. Saya akan menjaga kerahasiaan identitas dan jawaban dari Bapak/Ibu.

Saya menghargai bantuan bapak/Ibu atas terlaksananya penelitian ini. Dan sekali lagi saya mengucapkan terimakasih atas kerjasama yang telah diberikan.

Peneliti

Lanjutan

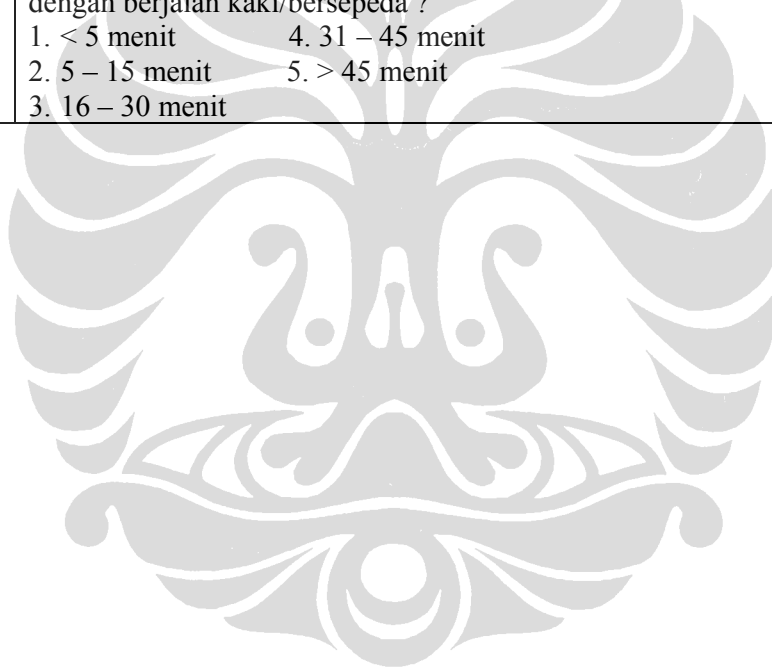
Tanggal wawancara : / /

Nama pewawancara : _____

| No. | Pertanyaan | Coding |
|-------------|---|-------------|
| I. | Identitas Responden | |
| 1.01 | No. Responden | [] [] [] |
| 1.02 | Nama Responden | |
| 1.03 | Jenis Kelamin : 1. Laki-laki 2. Perempuan | [] |
| 1.04 | Tanggal lahir : [] [] / [] [] / [] [] [] [] [] [] | |
| 1.05 | Umur | [] [] [] |
| 1.06 | Pendidikan tertinggi yang telah dicapai : 1. Tidak sekolah 4. SMP Sederajat (tamat) 2. Tidak tamat SD 5. SMU Sederajat (tamat) 3. SD sederajat (tamat) 6. Akademi/S1/S2/S3 (tamat) | [] |
| 1.07 | Alamat Rumah : | |
| 1.08 | No. Telp/Hp : | |
| II. | Status Menopause | |
| 2.01 | Apakah Ibu sudah menopause ? 1. Sudah (lanjut ke 2.02) 2. Belum (lanjut ke 3.01) | [] |
| 2.02 | Sejak umur berapa ibu mengalami menopause ? 1. ____ tahun 2. Tidak tahu | [] |
| III. | Pengukuran | |
| 3.01 | BMD : _____ 1. Normal 2. Osteopenia 3. Osteoporosis | [] |
| 3.02 | Berat Badan : _____, _____ kg | |
| 3.03 | Tinggi Badan : _____, _____ cm | |
| 3.04 | IMT (Status Gizi) : _____ 1. Kurang 2. Normal 3. Lebih 4. Obesitas | [] |
| IV. | Kebiasaan Merokok | |
| 4.01 | Apakah bapak/ibu merokok? 1. Tidak (lanjut ke 5a1) 2. Ya (lanjut ke 4.02) | [] |
| 4.02 | Sejak usia berapakah bapak/ibu merokok? _____ tahun | |
| 4.03 | Apakah sampai saat ini bapak/ibu masih merokok? 1. Tidak (lanjut ke 4.04) 2. Ya (lanjut ke 4.05) | [] |
| 4.04 | Sejak Usia Berapakah Bapak/Ibu berhenti merokok? | [] |
| 4.05 | Apa jenis rokok yang biasa Bapak/Ibu Hisap? 1. Kretek 3. Linting 2. Filter 4. Lain-lain | [] |
| 4.06 | Berapa batang rokok yang bapak/ibu hisap? _____ batang | |
| V. | Aktivitas fisik | |
| V. A | Indeks Waktu Kerja | |

| | | | |
|------|--|---------------------------|-------------------------------|
| 5a1. | Apa Pekerjaan Bapak/Ibu saat ini ? | | |
| 5a2. | Apakah dalam melakukan pekerjaan Bapak/Ibu selalu duduk? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a3 | Apakah dalam melakukan pekerjaan Bapak/Ibu selalu berdiri? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a4 | Apakah dalam melakukan pekerjaan Bapak/Ibu selalu berjalan? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a5 | Apakah dalam melakukan pekerjaan Bapak/Ibu mengangkat beban berat ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a6 | Apakah setelah melakukan pekerjaan Bapak/Ibu merasa lelah? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a7 | Apakah setelah melakukan pekerjaan Bapak/Ibu berkeringat? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5a8 | Dibandingkan dengan orang lain yang seusia Bapak/Ibu, bagaimanakah pekerjaan fisik Bapak/Ibu? 1. Sangat ringan 3. Sedang 5. Sangat berat 2. Ringan 4. Berat | | [] |
| V. B | Indeks Waktu Olahraga | | |
| 5b1 | Apakah secara rutin Bapak/Ibu melakukan olahraga ? 1. Ya 2. Tidak (lanjut ke no. 5b3) | | [] |
| 5b2 | Sebutkan jenis olahraga yang biasa Bapak/Ibu lakukan dan berapa lama dalam melakukan olahraga ? | | |
| | Jenis Olahraga (Intensitas) |Jam/minggu (waktu) |Bulan/tahun (Proporsi) |
| | 1. 2. 3. 4. | | |
| 5b3 | Apakah disaat waktu luang Bapak/Ibu berkeringat ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |
| 5b4 | Apakah disaat waktu luang Bapak/Ibu melakukan olahraga ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | | [] |

| | | |
|------|---|-----|
| 5b5 | Dibandingkan dengan orang lain yang seusia Bapak/Ibu, bagaimanakah aktivitas yang dilakukan Bapak/Ibu saat waktu luang? 1. Jauh lebih sedikit 3. Sama 5. Jauh lebih banyak 2. Lebih sedikit 4. Lebih banyak | [] |
| V. C | Indeks Waktu Luang | |
| 5c1 | Apakah Bapak/Ibu menonton TV disaat waktu luang ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | [] |
| 5c2 | Apakah Bapak/Ibu berjalan kaki disaat waktu luang ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | [] |
| 5c3 | Apakah Bapak/Ibu bersepeda disaat waktu luang ? 1. Tidak pernah 3. Kadang-kadang 5. Sangat sering 2. Jarang 4. Sering | [] |
| 5c4 | Berapa menit Bapak/Ibu pergi ke tempat kerja/kepasar dengan berjalan kaki/bersepeda ? 1. < 5 menit 4. 31 – 45 menit 2. 5 – 15 menit 5. > 45 menit 3. 16 – 30 menit | [] |



Formulir Metode Frekuensi Makanan

Petunjuk : Beri tanda (√) pada kolom frekuensi tiap masing-masing bahan makanan yang dikonsumsi selama 1 tahun terakhir.

| No. | Bahan Makanan | Frekuensi | | | | | | Ket |
|-----------|-----------------------|------------|-----------|----------------|----------------|-------------|-----------------|-----|
| | | >1x/ hr | 1x/ hr | 4 – 6x/ mgg | 1 – 3x/ mgg | <1x/ mgg | Tidak pernah | |
| A. | Sumber Kalsium | | | | | | | |
| 1. | Kacang hijau | | | | | | | |
| 2. | Kacang kedele | | | | | | | |
| 3. | Tempe | | | | | | | |
| 4. | Tahu | | | | | | | |
| 5. | Kacang merah | | | | | | | |
| 6. | Kacang tanah | | | | | | | |
| 7. | Bayam | | | | | | | |
| 8. | Daun katuk | | | | | | | |
| 9. | Ketimun | | | | | | | |
| 10. | Toge | | | | | | | |
| 11. | Kangkung | | | | | | | |
| 12. | Daun singkong | | | | | | | |
| 13. | Sawi | | | | | | | |
| 14. | Telur bebek | | | | | | | |
| 15. | Belut | | | | | | | |
| 16. | Kerang | | | | | | | |
| 17. | Ikan teri | | | | | | | |
| 18. | Udang | | | | | | | |
| 19. | Susu kental manis | | | | | | | |
| 20. | Susu penuh bubuk | | | | | | | |
| 21. | Susu bubuk skim | | | | | | | |
| 22. | Agar-agar | | | | | | | |
| 23. | Jeruk | | | | | | | |
| 24. | Pepaya | | | | | | | |
| 25. | Salak | | | | | | | |
| 26. | Nanas | | | | | | | |

| No. | Bahan Makanan | Frekuensi | | | | | | Ket |
|-----------|--|-----------|-------|------------|------------|---------|--------------|-----|
| | | >1x/hr | 1x/hr | 4 – 6x/mgg | 1 – 3x/mgg | <1x/mgg | Tidak pernah | |
| B. | Sumber Vitamin D | | | | | | | |
| 1 | Susu bubuk penuh | | | | | | | |
| 2 | Susu bubuk skim | | | | | | | |
| 3 | Susu kedele | | | | | | | |
| 4. | Belut | | | | | | | |
| 5. | Telur | | | | | | | |
| 6. | Sarden | | | | | | | |
| 7. | Keju | | | | | | | |
| C. | Sumber Kafein | | | | | | | |
| 1. | Kopi | | | | | | | |
| 2. | Teh | | | | | | | |
| 3. | Soft drink (coca cola, fanta, sprite, dll) | | | | | | | |

Lampiran 6 Hasil Pengolahan Data Dengan SPSS

Data Hasil SPSS

A. Analisis Data Univariat

Statistics

Jenis kelamin

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

jenis kelamin

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-----------------|-----------|---------|---------------|--------------------|
| Valid perempuan | 84 | 73,0 | 73,0 | 73,0 |
| laki-laki | 31 | 27,0 | 27,0 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Umur Responden

| | | |
|----------------|---------|-------|
| N | Valid | 115 |
| | Missing | 0 |
| Mean | | 52,88 |
| Median | | 51,00 |
| Std. Deviation | | 6,806 |
| Minimum | | 45 |
| Maximum | | 80 |

Statistics

umur responden1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

umur responden1

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------------|-----------|---------|---------------|--------------------|
| Valid 45-54 | 76 | 66,1 | 66,1 | 66,1 |
| 55-64 | 31 | 27,0 | 27,0 | 93,0 |
| >=65 | 8 | 7,0 | 7,0 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

umur responden2

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

umur responden2

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------------|-----------|---------|---------------|--------------------|
| Valid 45-64 | 107 | 93,0 | 93,0 | 93,0 |
| 65-74 | 7 | 6,1 | 6,1 | 99,1 |
| 75-84 | 1 | ,9 | ,9 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

umur responden4

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

umur responden4

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-----------|-----------|---------|---------------|--------------------|
| Valid <55 | 76 | 66,1 | 66,1 | 66,1 |
| >=55 | 39 | 33,9 | 33,9 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden4 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Statistics

BMD

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

BMD

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------|-----------|---------|---------------|--------------------|
| Valid normal | 37 | 32,2 | 32,2 | 32,2 |
| osteopenia | 63 | 54,8 | 54,8 | 87,0 |
| osteoporosis | 15 | 13,0 | 13,0 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Kejadian osteoporosis dan osteopenia

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Kejadian osteoporosis dan osteopenia

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|-----------------------------------|-----------|---------|---------------|--------------------|
| Valid osteoporosis dan osteopenia | 78 | 67,8 | 67,8 | 67,8 |
| normal | 37 | 32,2 | 32,2 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Status Gizi

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Status Gizi

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|----------|-----------|---------|---------------|--------------------|
| Valid | kurang | 3 | 2,6 | 2,6 | 2,6 |
| | normal | 53 | 46,1 | 46,1 | 48,7 |
| | lebih | 51 | 44,3 | 44,3 | 93,0 |
| | obesitas | 8 | 7,0 | 7,0 | 100,0 |
| | Total | 115 | 100,0 | 100,0 | |

Statistics

Status gizi 1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Status gizi 1

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------|-----------|---------|---------------|--------------------|
| Valid | <25.00 | 56 | 48,7 | 48,7 | 48,7 |
| | >=25.00 | 59 | 51,3 | 51,3 | 100,0 |
| | Total | 115 | 100,0 | 100,0 | |

Statistics

Kebiasaan merokok 1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Kebiasaan merokok 1

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|---------------|-----------|---------|---------------|--------------------|
| Valid | merokok | 25 | 21,7 | 21,7 | 21,7 |
| | tidak merokok | 90 | 78,3 | 78,3 | 100,0 |
| | Total | 115 | 100,0 | 100,0 | |

Statistics

Kebiasaan merokok 2

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Kebiasaan merokok 2

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|----------------|-----------|---------|---------------|--------------------|
| Valid merokok | 25 | 21,7 | 21,7 | 21,7 |
| pernah merokok | 5 | 4,3 | 4,3 | 26,1 |
| tidak merokok | 85 | 73,9 | 73,9 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Aktivitas fisik

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Aktivitas fisik

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------|-----------|---------|---------------|--------------------|
| Valid ringan | 13 | 11,3 | 11,3 | 11,3 |
| sedang | 84 | 73,0 | 73,0 | 84,3 |
| berat | 18 | 15,7 | 15,7 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Kebiasaan konsumsi kafein

| | | |
|----------------|---------|-------|
| N | Valid | 115 |
| | Missing | 0 |
| Mean | | 5,19 |
| Median | | 5,00 |
| Std. Deviation | | 2,672 |
| Minimum | | 0 |
| Maximum | | 12 |

Statistics

Kebiasaan konsumsi kafein 1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Kebiasaan konsumsi kafein 1

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|--------------------|-----------|---------|---------------|--------------------|
| Valid tinggi (> 5) | 49 | 42,6 | 42,6 | 42,6 |
| rendah (<=5) | 66 | 57,4 | 57,4 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Pola Konsumsi Kalsium

| | | |
|----------------|---------|-------|
| N | Valid | 115 |
| | Missing | 0 |
| Mean | | 35,42 |
| Median | | 34,00 |
| Std. Deviation | | 8,234 |
| Minimum | | 19 |
| Maximum | | 58 |

Statistics

Pola Konsumsi kalsium 1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Pola Konsumsi kalsium 1

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------------------|-----------|---------|---------------|--------------------|
| Valid kurang (< 34) | 52 | 45,2 | 45,2 | 45,2 |
| baik (>= 34) | 63 | 54,8 | 54,8 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Pola konsumsi kalsium2

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Pola konsumsi kalsium2

| | Frequency | Percent | Valid Percent | Cumulative Percent |
|------------------------|-----------|---------|---------------|--------------------|
| Valid kurang (< 35,42) | 62 | 53,9 | 53,9 | 53,9 |
| baik (>=35,42) | 53 | 46,1 | 46,1 | 100,0 |
| Total | 115 | 100,0 | 100,0 | |

Statistics

Pola Konsumsi Vitamin D

| | | |
|----------------|---------|-------|
| N | Valid | 115 |
| | Missing | 0 |
| Mean | | 7,78 |
| Median | | 7,00 |
| Std. Deviation | | 2,685 |
| Minimum | | 3 |
| Maximum | | 17 |

Statistics

Pola Konsumsi vitamin D 1

| | | |
|---|---------|-----|
| N | Valid | 115 |
| | Missing | 0 |

Pola Konsumsi vitamin D 1

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|-------|-------------|-----------|---------|---------------|--------------------|
| Valid | kurang (<7) | 42 | 36,5 | 36,5 | 36,5 |
| | baik (>=7) | 73 | 63,5 | 63,5 | 100,0 |
| | Total | 115 | 100,0 | 100,0 | |

Statistics

Status menopause

| | | |
|---|---------|----|
| N | Valid | 84 |
| | Missing | 31 |

Status menopause

| | | Frequency | Percent | Valid Percent | Cumulative Percent |
|---------|--------|-----------|---------|---------------|--------------------|
| Valid | sudah | 38 | 33,0 | 45,2 | 45,2 |
| | belum | 46 | 40,0 | 54,8 | 100,0 |
| | Total | 84 | 73,0 | 100,0 | |
| Missing | System | 31 | 27,0 | | |
| Total | | 115 | 100,0 | | |

B. Analisis Data Bivariat**Case Processing Summary**

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| jenis kelami I * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

jenis kelamin1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | |
|----------------|-----------|-------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | Total |
| jenis kelamin1 | Perempuan | Count | 53 | 31 | 84 |
| | | % within jenis kelamin1 | 63,1% | 36,9% | 100,0% |
| | laki-laki | Count | 25 | 6 | 31 |
| | | % within jenis kelamin1 | 80,6% | 19,4% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within jenis kelamin1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 3,196(b) | 1 | ,074 | | |
| Continuity Correction(a) | 2,442 | 1 | ,118 | | |
| Likelihood Ratio | 3,399 | 1 | ,065 | | |
| Fisher's Exact Test | | | | ,114 | ,056 |
| Linear-by-Linear Association | 3,168 | 1 | ,075 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 9,97.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | | Upper | Lower |
| Odds Ratio for jenis kelamin1 (perempuan / laki-laki) | ,410 | ,152 | 1,110 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,782 | ,617 | ,992 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 1,907 | ,882 | 4,122 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|---------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| jenis kelami1 * BMD | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

jenis kelami1 * BMD Crosstabulation

| | | | BMD | | | Total |
|---------------|-----------|------------------------|--------|------------|--------------|--------|
| | | | normal | osteopenia | osteoporosis | |
| jenis kelami1 | perempuan | Count | 31 | 44 | 9 | 84 |
| | | % within jenis kelami1 | 36,9% | 52,4% | 10,7% | 100,0% |
| | laki-laki | Count | 6 | 19 | 6 | 31 |
| | | % within jenis kelami1 | 19,4% | 61,3% | 19,4% | 100,0% |
| Total | | Count | 37 | 63 | 15 | 115 |
| | | % within jenis kelami1 | 32,2% | 54,8% | 13,0% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|----------|----|-----------------------|
| Pearson Chi-Square | 3,792(a) | 2 | ,150 |
| Likelihood Ratio | 3,922 | 2 | ,141 |
| Linear-by-Linear Association | 3,705 | 1 | ,054 |
| N of Valid Cases | 115 | | |

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 4,04.

Risk Estimate

| | Value |
|--|-------|
| Odds Ratio for jenis kelami1 (perempuan / laki-laki) | (a) |

a. Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

umur responden1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | |
|-----------------|-------|--------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | Total |
| umur responden1 | 45-54 | Count | 45 | 31 | 76 |
| | | % within umur responden1 | 59,2% | 40,8% | 100,0% |
| | 55-64 | Count | 26 | 5 | 31 |
| | | % within umur responden1 | 83,9% | 16,1% | 100,0% |
| | >=65 | Count | 7 | 1 | 8 |
| | | % within umur responden1 | 87,5% | 12,5% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within umur responden1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|----------|----|-----------------------|
| Pearson Chi-Square | 7,661(a) | 2 | ,022 |
| Likelihood Ratio | 8,295 | 2 | ,016 |
| Linear-by-Linear Association | 6,843 | 1 | ,009 |
| N of Valid Cases | 115 | | |

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 2,57.

Risk Estimate

| | Value |
|--|-------|
| Odds Ratio for umur responden1 (45-54 / 55-64) | (a) |

a. Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden4 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

umur responden4 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | Kejadian osteoporosis dan osteopenia | | | |
|-----------------|------|--------------------------------------|--------|-------|--------|
| | | osteoporosis dan osteopenia | normal | Total | |
| umur responden4 | <55 | Count | 45 | 31 | 76 |
| | | % within umur responden4 | 59,2% | 40,8% | 100,0% |
| | >=55 | Count | 33 | 6 | 39 |
| | | % within umur responden4 | 84,6% | 15,4% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within umur responden4 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 7,623(b) | 1 | ,006 | | |
| Continuity Correction(a) | 6,503 | 1 | ,011 | | |
| Likelihood Ratio | 8,228 | 1 | ,004 | | |
| Fisher's Exact Test | | | | ,006 | ,004 |
| Linear-by-Linear Association | 7,556 | 1 | ,006 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 12,55.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for umur responden4 (<55 / >=55) | ,264 | ,099 | ,705 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,700 | ,556 | ,880 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 2,651 | 1,210 | 5,809 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Riwayat Keluarga atau keturunan * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Riwayat Keluarga atau keturunan * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | |
|---------------------------------|-----------|--|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | Total |
| Riwayat Keluarga atau keturunan | ada | Count | 4 | 6 | 10 |
| | | % within Riwayat Keluarga atau keturunan | 40,0% | 60,0% | 100,0% |
| | tidak ada | Count | 74 | 31 | 105 |
| | | % within Riwayat Keluarga atau keturunan | 70,5% | 29,5% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Riwayat Keluarga atau keturunan | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 3,886(b) | 1 | ,049 | | |
| Continuity Correction(a) | 2,615 | 1 | ,106 | | |
| Likelihood Ratio | 3,597 | 1 | ,058 | | |
| Fisher's Exact Test | | | | ,074 | ,057 |
| Linear-by-Linear Association | 3,852 | 1 | ,050 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 1 cells (25,0%) have expected count less than 5. The minimum expected count is 3,22.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Riwayat Keluarga atau keturunan (ada / tidak ada) | ,279 | ,074 | 1,059 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,568 | ,263 | 1,225 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 2,032 | 1,131 | 3,652 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Status gizi 1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Status gizi 1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | Total |
|---------------|---------|------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | |
| Status gizi 1 | <=25.00 | Count | 42 | 14 | 56 |
| | | % within Status gizi 1 | 75,0% | 25,0% | 100,0% |
| | >25.00 | Count | 36 | 23 | 59 |
| | | % within Status gizi 1 | 61,0% | 39,0% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Status gizi 1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | Df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 2,574(b) | 1 | ,109 | | |
| Continuity Correction(a) | 1,973 | 1 | ,160 | | |
| Likelihood Ratio | 2,595 | 1 | ,107 | | |
| Fisher's Exact Test | | | | ,116 | ,080 |
| Linear-by-Linear Association | 2,552 | 1 | ,110 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 18,02.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | | Lower | Upper |
| Odds Ratio for Status gizi 1 (<=25.00 / >25.00) | 1,917 | ,861 | 4,265 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | 1,229 | ,954 | 1,584 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | ,641 | ,368 | 1,117 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Kebiasaan merokok 1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Kebiasaan merokok1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Kebiasaan merokok1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | |
|--------------------|---------------|-----------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | Total |
| Kebiasaan merokok1 | merokok | Count | 19 | 6 | 25 |
| | | % within Kebiasaan merokok1 | 76,0% | 24,0% | 100,0% |
| | tidak merokok | Count | 59 | 31 | 90 |
| | | % within Kebiasaan merokok1 | 65,6% | 34,4% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Kebiasaan merokok1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|---------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | ,978(b) | 1 | ,323 | | |
| Continuity Correction(a) | ,558 | 1 | ,455 | | |
| Likelihood Ratio | 1,017 | 1 | ,313 | | |
| Fisher's Exact Test | | | | ,468 | ,230 |
| Linear-by-Linear Association | ,970 | 1 | ,325 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 8,04.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Kebiasaan merokok1 (merokok / tidak merokok) | 1,664 | ,603 | 4,594 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | 1,159 | ,888 | 1,513 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | ,697 | ,328 | 1,480 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Kebiasaan merokok 2 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Aktivitas fisik * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|---------------------------------|----------|----|--------------------------|
| Pearson Chi-Square | 4,864(a) | 2 | ,088 |
| Likelihood Ratio | 5,764 | 2 | ,056 |
| Linear-by-Linear Association | 4,289 | 1 | ,038 |
| N of Valid Cases | 115 | | |

a. 1 cells (16,7%) have expected count less than 5. The minimum expected count is 4,18.

Risk Estimate

| | Value |
|---|-------|
| Odds Ratio for Aktivitas fisik (ringan / sedang) | (a) |

a. Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Kebiasaan konsumsi kafein 1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Kebiasaan konsumsi kafein 1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | |
|-----------------------------|--------------|--------------------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | Total |
| Kebiasaan konsumsi kafein 1 | tinggi (> 5) | Count | 30 | 19 | 49 |
| | | % within Kebiasaan konsumsi kafein 1 | 61,2% | 38,8% | 100,0% |
| | rendah (<=5) | Count | 48 | 18 | 66 |
| | | % within Kebiasaan konsumsi kafein 1 | 72,7% | 27,3% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Kebiasaan konsumsi kafein 1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 1,705(b) | 1 | ,192 | | |
| Continuity Correction(a) | 1,219 | 1 | ,270 | | |
| Likelihood Ratio | 1,696 | 1 | ,193 | | |
| Fisher's Exact Test | | | | ,228 | ,135 |
| Linear-by-Linear Association | 1,690 | 1 | ,194 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 15,77.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | | Lower | Upper |
| Odds Ratio for Kebiasaan konsumsi kafein 1 (tinggi (> 5) / rendah (<=5)) | ,592 | ,269 | 1,304 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,842 | ,644 | 1,100 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 1,422 | ,838 | 2,411 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Pola Konsumsi kalsium 1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Pola Konsumsi kalsium 1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | Kejadian osteoporosis dan osteopenia | | Total | |
|-------------------------|---------------|--------------------------------------|--------|-------|--------|
| | | osteoporosis dan osteopenia | normal | | |
| Pola Konsumsi kalsium 1 | kurang (< 34) | Count | 35 | 17 | 52 |
| | | % within Pola Konsumsi kalsium 1 | 67,3% | 32,7% | 100,0% |
| | baik (>= 34) | Count | 43 | 20 | 63 |
| | | % within Pola Konsumsi kalsium 1 | 68,3% | 31,7% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Pola Konsumsi kalsium 1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|---------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | ,012(b) | 1 | ,914 | | |
| Continuity Correction(a) | ,000 | 1 | 1,000 | | |
| Likelihood Ratio | ,012 | 1 | ,914 | | |
| Fisher's Exact Test | | | | 1,000 | ,536 |
| Linear-by-Linear Association | ,012 | 1 | ,914 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 16,73.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Pola Konsumsi kalsium 1 (kurang (< 34) / baik (>= 34)) | ,958 | ,437 | 2,101 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,986 | ,765 | 1,271 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 1,030 | ,605 | 1,753 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|-----------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Pola Konsumsi Kalsium | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Descriptives

| | | Statistic | Std. Error | |
|-----------------------|----------------------------------|-------------|------------|--|
| Pola Konsumsi Kalsium | Mean | 35,42 | ,768 | |
| | 95% Confidence Interval for Mean | Lower Bound | 33,90 | |
| | | Upper Bound | 36,94 | |
| | 5% Trimmed Mean | 35,33 | | |
| | Median | 34,00 | | |
| | Variance | 67,807 | | |
| | Std. Deviation | 8,234 | | |
| | Minimum | 19 | | |
| | Maximum | 58 | | |
| | Range | 39 | | |
| | Interquartile Range | 11 | | |
| | Skewness | ,243 | ,226 | |
| | Kurtosis | -,340 | ,447 | |

Tests of Normality

| | Kolmogorov-Smirnov(a) | | | Shapiro-Wilk | | |
|-----------------------|-----------------------|-----|------|--------------|-----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Pola Konsumsi Kalsium | ,073 | 115 | ,191 | ,987 | 115 | ,353 |

a Lilliefors Significance Correction

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Pola konsumsi kalsium2 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Pola konsumsi kalsium2 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | Total |
|------------------------|------------------|---------------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | |
| Pola konsumsi kalsium2 | kurang (< 35,42) | Count | 42 | 20 | 62 |
| | | % within Pola konsumsi kalsium2 | 67,7% | 32,3% | 100,0% |
| | baik (>=35,42) | Count | 36 | 17 | 53 |
| | | % within Pola konsumsi kalsium2 | 67,9% | 32,1% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Pola konsumsi kalsium2 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|---------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | ,000(b) | 1 | ,983 | | |
| Continuity Correction(a) | ,000 | 1 | 1,000 | | |
| Likelihood Ratio | ,000 | 1 | ,983 | | |
| Fisher's Exact Test | | | | 1,000 | ,572 |
| Linear-by-Linear Association | ,000 | 1 | ,983 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 17,05.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Pola konsumsi kalsium2 (kurang (< 35,42) / baik (>=35,42)) | ,992 | ,452 | 2,174 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | ,997 | ,775 | 1,284 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | 1,006 | ,590 | 1,713 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Pola Konsumsi vitamin D 1 * Kejadian osteoporosis dan osteopenia | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Pola Konsumsi vitamin D 1 * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | Total |
|---------------------------|--------------|------------------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | Normal | |
| Pola Konsumsi vitamin D 1 | kurang (< 7) | Count | 32 | 10 | 42 |
| | | % within Pola Konsumsi vitamin D 1 | 76,2% | 23,8% | 100,0% |
| | baik (>=7) | Count | 46 | 27 | 73 |
| | | % within Pola Konsumsi vitamin D 1 | 63,0% | 37,0% | 100,0% |
| Total | | Count | 78 | 37 | 115 |
| | | % within Pola Konsumsi vitamin D 1 | 67,8% | 32,2% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 2,121(b) | 1 | ,145 | | |
| Continuity Correction(a) | 1,560 | 1 | ,212 | | |
| Likelihood Ratio | 2,178 | 1 | ,140 | | |
| Fisher's Exact Test | | | | ,213 | ,105 |
| Linear-by-Linear Association | 2,103 | 1 | ,147 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 13,51.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | | Lower | Upper |
| Odds Ratio for Pola Konsumsi vitamin D 1 (kurang (< 7) / baik (>=7)) | 1,878 | ,799 | 4,414 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | 1,209 | ,947 | 1,543 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | ,644 | ,347 | 1,195 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|--|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| Status menopause * Kejadian osteoporosis dan osteopenia | 84 | 73,0% | 31 | 27,0% | 115 | 100,0% |

Status menopause * Kejadian osteoporosis dan osteopenia Crosstabulation

| | | | Kejadian osteoporosis dan osteopenia | | Total |
|------------------|-------|---------------------------|--------------------------------------|--------|--------|
| | | | osteoporosis dan osteopenia | normal | |
| Status menopause | sudah | Count | 29 | 9 | 38 |
| | | % within Status menopause | 76,3% | 23,7% | 100,0% |
| | belum | Count | 24 | 22 | 46 |
| | | % within Status menopause | 52,2% | 47,8% | 100,0% |
| Total | | Count | 53 | 31 | 84 |
| | | % within Status menopause | 63,1% | 36,9% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 5,209(b) | 1 | ,022 | | |
| Continuity Correction(a) | 4,223 | 1 | ,040 | | |
| Likelihood Ratio | 5,333 | 1 | ,021 | | |
| Fisher's Exact Test | | | | ,026 | ,019 |
| Linear-by-Linear Association | 5,147 | 1 | ,023 | | |
| N of Valid Cases | 84 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 14,02.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Status menopause (sudah / belum) | 2,954 | 1,147 | 7,603 |
| For cohort Kejadian osteoporosis dan osteopenia = osteoporosis dan osteopenia | 1,463 | 1,053 | 2,032 |
| For cohort Kejadian osteoporosis dan osteopenia = normal | ,495 | ,260 | ,944 |
| N of Valid Cases | 84 | | |

Case Processing Summary

| | Cases | | | | | |
|---------------------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden4 * jenis kelamin | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

Jenis kelamin * umur responden4 Crosstabulation

| | | | umur responden4 | | Total |
|---------------|-----------|------------------------|-----------------|-------|--------|
| | | | <55 | >=55 | |
| Jenis kelamin | laki-laki | Count | 13 | 18 | 31 |
| | | % within Jenis kelamin | 41,9% | 58,1% | 100,0% |
| | perempuan | Count | 63 | 21 | 84 |
| | | % within Jenis kelamin | 75,0% | 25,0% | 100,0% |
| Total | | Count | 76 | 39 | 115 |
| | | % within Jenis kelamin | 66,1% | 33,9% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|-----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 11,045(b) | 1 | ,001 | | |
| Continuity Correction(a) | 9,619 | 1 | ,002 | | |
| Likelihood Ratio | 10,668 | 1 | ,001 | | |
| Fisher's Exact Test | | | | ,002 | ,001 |
| Linear-by-Linear Association | 10,949 | 1 | ,001 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 10,51.

Risk Estimate

| | Value | 95% Confidence Interval | |
|--|-------|-------------------------|-------|
| | Lower | Upper | Lower |
| Odds Ratio for Jenis kelamin (laki-laki / perempuan) | ,241 | ,101 | ,573 |
| For cohort umur responden4 = <55 | ,559 | ,363 | ,861 |
| For cohort umur responden4 = >=55 | 2,323 | 1,443 | 3,739 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden4 * Pola Konsumsi kalsium 1 | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

umur responden4 * Pola Konsumsi kalsium 1 Crosstabulation

| | | | Pola Konsumsi kalsium 1 | | Total |
|-----------------|------|--------------------------|-------------------------|--------------|--------|
| | | | kurang (< 34) | baik (>= 34) | |
| umur responden4 | <55 | Count | 38 | 38 | 76 |
| | | % within umur responden4 | 50,0% | 50,0% | 100,0% |
| | >=55 | Count | 14 | 25 | 39 |
| | | % within umur responden4 | 35,9% | 64,1% | 100,0% |
| Total | | Count | 52 | 63 | 115 |
| | | % within umur responden4 | 45,2% | 54,8% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|----------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | 2,069(b) | 1 | ,150 | | |
| Continuity Correction(a) | 1,539 | 1 | ,215 | | |
| Likelihood Ratio | 2,091 | 1 | ,148 | | |
| Fisher's Exact Test | | | | ,170 | ,107 |
| Linear-by-Linear Association | 2,051 | 1 | ,152 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (,0%) have expected count less than 5. The minimum expected count is 17,63.

Risk Estimate

| | Value | 95% Confidence Interval | |
|--|-------|-------------------------|-------|
| | | Upper | Lower |
| Odds Ratio for umur responden4 (<55 / >=55) | 1,786 | ,807 | 3,950 |
| For cohort Pola Konsumsi kalsium 1 = kurang (< 34) | 1,393 | ,865 | 2,242 |
| For cohort Pola Konsumsi kalsium 1 = baik (>= 34) | ,780 | ,564 | 1,080 |
| N of Valid Cases | 115 | | |

Case Processing Summary

| | Cases | | | | | |
|---|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| umur responden4 * Kebiasaan konsumsi kafein 1 | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

umur responden4 * Kebiasaan konsumsi kafein 1 Crosstabulation

| | | | Kebiasaan konsumsi kafein 1 | | Total |
|-----------------|------|--------------------------|-----------------------------|--------------|--------|
| | | | tinggi (> 5) | rendah (<=5) | |
| umur responden4 | <55 | Count | 32 | 44 | 76 |
| | | % within umur responden4 | 42,1% | 57,9% | 100,0% |
| | >=55 | Count | 17 | 22 | 39 |
| | | % within umur responden4 | 43,6% | 56,4% | 100,0% |
| Total | | Count | 49 | 66 | 115 |
| | | % within umur responden4 | 42,6% | 57,4% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) | Exact Sig. (2-sided) | Exact Sig. (1-sided) |
|------------------------------|---------|----|-----------------------|----------------------|----------------------|
| Pearson Chi-Square | ,023(b) | 1 | ,879 | | |
| Continuity Correction(a) | ,000 | 1 | 1,000 | | |
| Likelihood Ratio | ,023 | 1 | ,879 | | |
| Fisher's Exact Test | | | | 1,000 | ,517 |
| Linear-by-Linear Association | ,023 | 1 | ,879 | | |
| N of Valid Cases | 115 | | | | |

a Computed only for a 2x2 table

b 0 cells (.0%) have expected count less than 5. The minimum expected count is 16,62.

Risk Estimate

| | Value | 95% Confidence Interval | |
|---|-------|-------------------------|-------|
| | | Upper | Lower |
| Odds Ratio for umur responden4 (<55 / >=55) | ,941 | ,432 | 2,053 |
| For cohort Kebiasaan konsumsi kafein 1 = tinggi (> 5) | ,966 | ,620 | 1,506 |
| For cohort Kebiasaan konsumsi kafein 1 = rendah (<=5) | 1,026 | ,733 | 1,436 |
| N of Valid Cases | 115 | | |

Descriptives

| | | | Statistic | Std. Error |
|-----------------------|----------------------------------|-------------|-----------|------------|
| Pola Konsumsi Kalsium | Mean | | 35,42 | ,768 |
| | 95% Confidence Interval for Mean | Lower Bound | 33,90 | |
| | | Upper Bound | 36,94 | |
| | 5% Trimmed Mean | | 35,33 | |
| | Median | | 34,00 | |
| | Variance | | 67,807 | |
| | Std. Deviation | | 8,234 | |
| | Minimum | | 19 | |
| | Maximum | | 58 | |
| | Range | | 39 | |
| | Interquartile Range | | 11 | |
| | Skewness | | ,243 | ,226 |
| | Kurtosis | | -,340 | ,447 |

Tests of Normality

| | Kolmogorov-Smirnov(a) | | | Shapiro-Wilk | | |
|-----------------------|-----------------------|-----|------|--------------|-----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Pola Konsumsi Kalsium | ,073 | 115 | ,191 | ,987 | 115 | ,353 |

a. Lilliefors Significance Correction

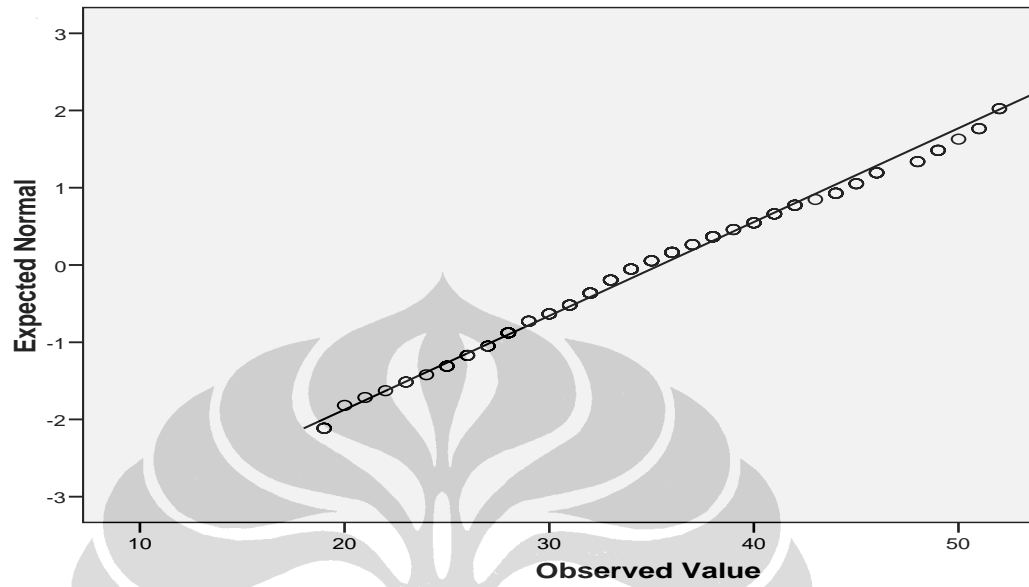
Pola Konsumsi Kalsium Stem-and-Leaf Plot

```

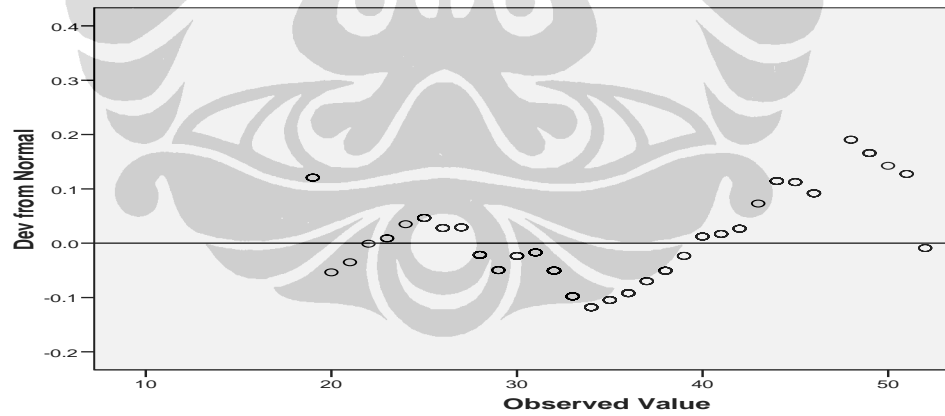
Frequency      Stem & Leaf
  3,00         1 . 999
  6,00         2 . 012334
 19,00         2 . 5556667778888888999
 30,00         3 . 00001111122222222333333444444
 21,00         3 . 55566666677788888899
 18,00         4 . 000001111222234444
 12,00         4 . 555666688999
  5,00         5 . 01122
  1,00 Extremes    (>=58)
    
```

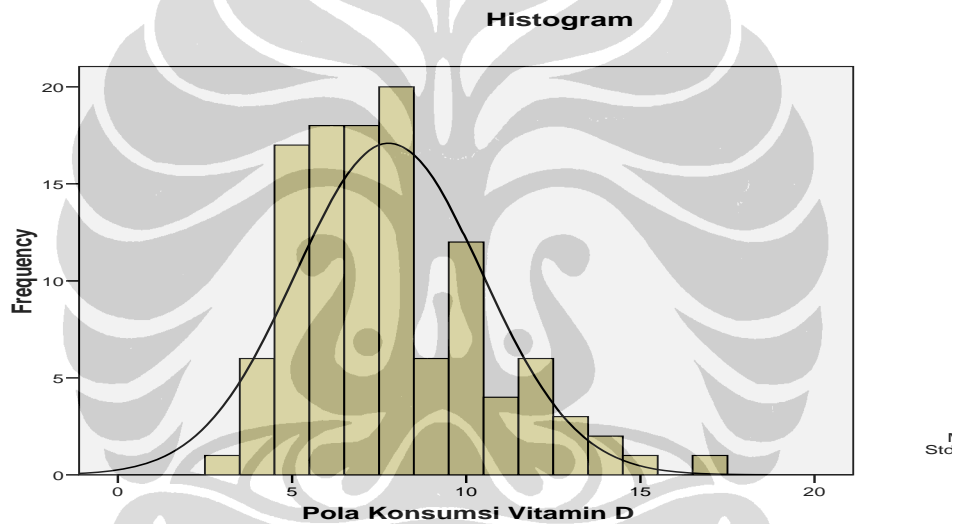
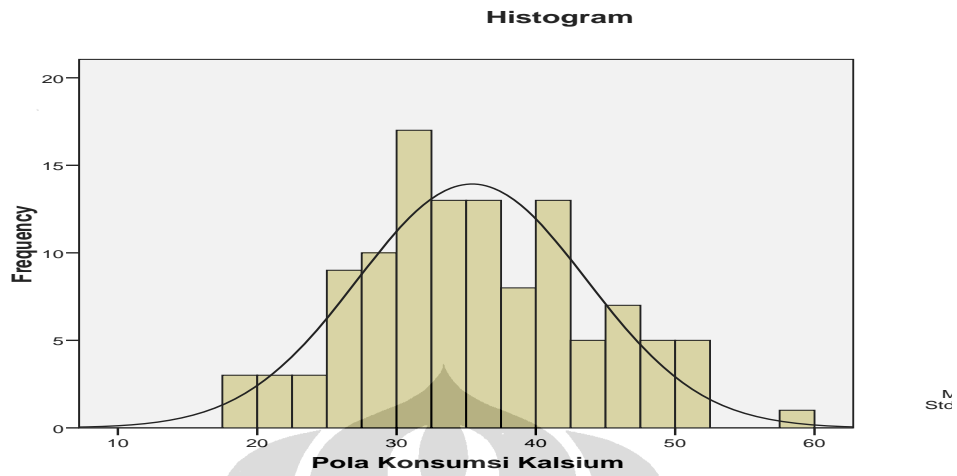
Stem width: 10
 Each leaf: 1 case(s)

Normal Q-Q Plot of Pola Konsumsi Kalsium



Detrended Normal Q-Q Plot of Pola Konsumsi Kalsium





Descriptives

| | | | Statistic | Std. Error |
|-------------------------|----------------------------------|-------------|-----------|------------|
| Pola Konsumsi Vitamin D | Mean | | 7,78 | ,250 |
| | 95% Confidence Interval for Mean | Lower Bound | 7,29 | |
| | | Upper Bound | 8,28 | |
| | 5% Trimmed Mean | | 7,64 | |
| | Median | | 7,00 | |
| | Variance | | 7,207 | |
| | Std. Deviation | | 2,685 | |
| | Minimum | | 3 | |
| | Maximum | | 17 | |
| | Range | | 14 | |
| | Interquartile Range | | 4 | |
| | Skewness | | ,867 | ,226 |
| | Kurtosis | | ,610 | ,447 |

Tests of Normality

| | Kolmogorov-Smirnov(a) | | | Shapiro-Wilk | | |
|-------------------------|-----------------------|-----|------|--------------|-----|------|
| | Statistic | df | Sig. | Statistic | df | Sig. |
| Pola Konsumsi Vitamin D | ,163 | 115 | ,000 | ,937 | 115 | ,000 |

a. Lilliefors Significance Correction

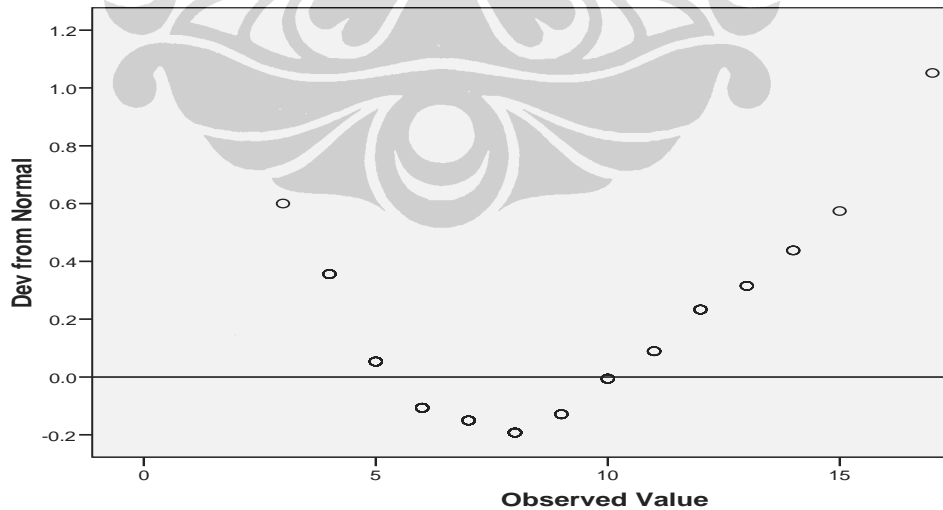
Pola Konsumsi Vitamin D Stem-and-Leaf Plot

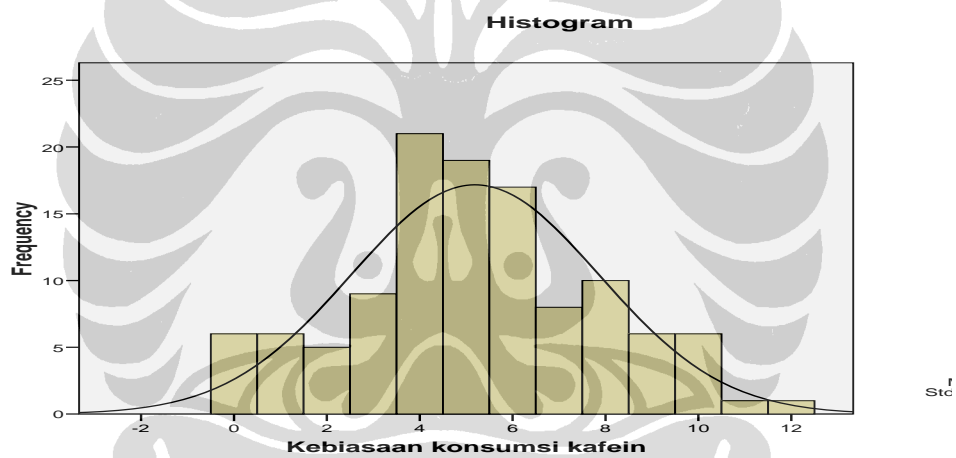
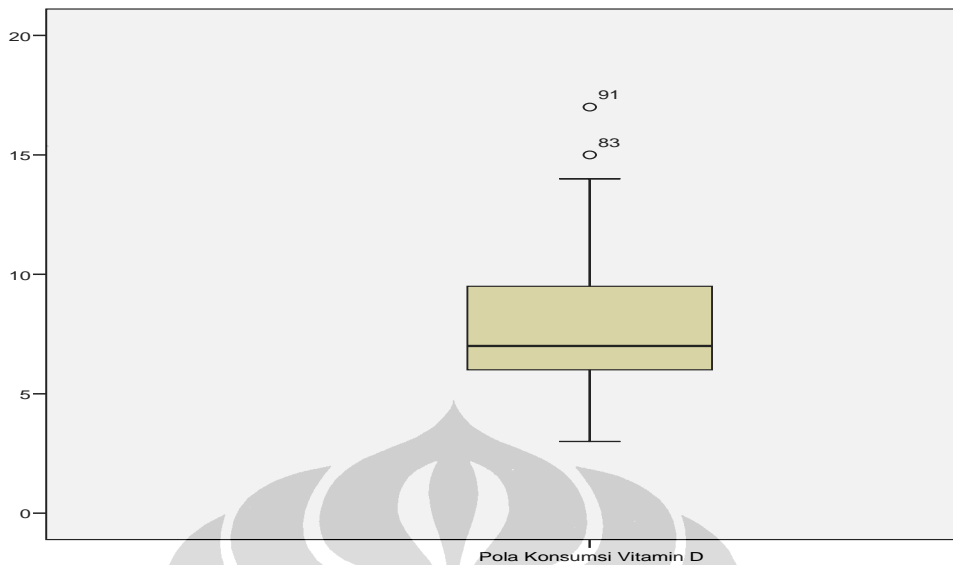
```

Frequency      Stem & Leaf
  1,00         3 . 0
  6,00         4 . 000000
 17,00         5 . 000000000000000000
 18,00         6 . 000000000000000000
 18,00         7 . 000000000000000000
 20,00         8 . 00000000000000000000
   6,00         9 . 000000
 12,00        10 . 000000000000
   4,00        11 . 0000
   6,00        12 . 000000
   3,00        13 . 000
   2,00        14 . 00
   2,00 Extremes (>=15,0)
  
```

Stem width: 1
Each leaf: 1 case(s)

Detrended Normal Q-Q Plot of Pola Konsumsi Vitamin E

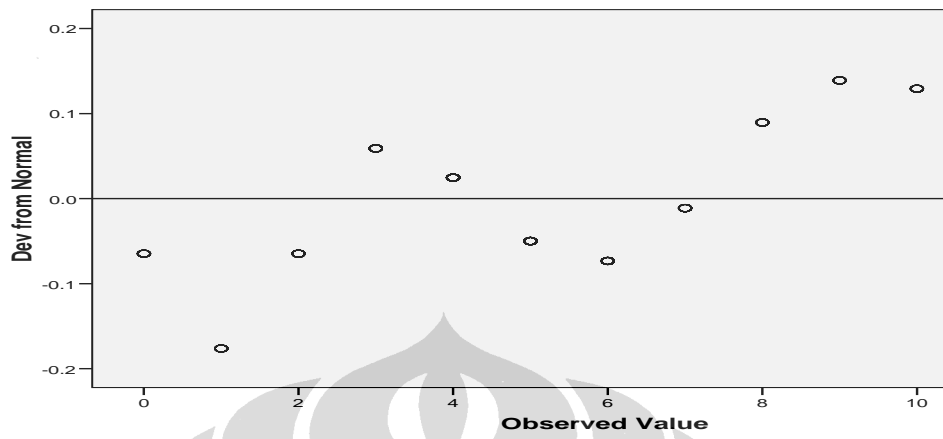




Descriptives

| | | | Statistic | Std. Error |
|---------------------------|----------------------------------|-------------|-----------|------------|
| Kebiasaan konsumsi kafein | Mean | | 5,19 | ,249 |
| | 95% Confidence Interval for Mean | Lower Bound | 4,70 | |
| | | Upper Bound | 5,68 | |
| | 5% Trimmed Mean | | 5,18 | |
| | Median | | 5,00 | |
| | Variance | | 7,139 | |
| | Std. Deviation | | 2,672 | |
| | Minimum | | 0 | |
| | Maximum | | 12 | |
| | Range | | 12 | |
| | Interquartile Range | | 3 | |
| | Skewness | | ,100 | ,226 |
| | Kurtosis | | -,277 | ,447 |

Detrended Normal Q-Q Plot of Kebiasaan konsumsi kafei



Case Processing Summary

| | Cases | | | | | |
|------------------------------------|-------|---------|---------|---------|-------|---------|
| | Valid | | Missing | | Total | |
| | N | Percent | N | Percent | N | Percent |
| jenis kelami1 * umur responden1 | 115 | 100,0% | 0 | ,0% | 115 | 100,0% |

jenis kelami1 * umur responden1 Crosstabulation

| | | | umur responden1 | | | Total |
|---------------|-----------|------------------------|-----------------|-------|------|--------|
| | | | 45-54 | 55-64 | >=65 | 45-54 |
| jenis kelami1 | perempuan | Count | 63 | 15 | 6 | 84 |
| | | % within jenis kelami1 | 75,0% | 17,9% | 7,1% | 100,0% |
| | laki-laki | Count | 13 | 16 | 2 | 31 |
| | | % within jenis kelami1 | 41,9% | 51,6% | 6,5% | 100,0% |
| Total | | Count | 76 | 31 | 8 | 115 |
| | | % within jenis kelami1 | 66,1% | 27,0% | 7,0% | 100,0% |

Chi-Square Tests

| | Value | df | Asymp. Sig. (2-sided) |
|------------------------------|-----------|----|-----------------------|
| Pearson Chi-Square | 13,333(a) | 2 | ,001 |
| Likelihood Ratio | 12,562 | 2 | ,002 |
| Linear-by-Linear Association | 6,178 | 1 | ,013 |
| N of Valid Cases | 115 | | |

a 1 cells (16,7%) have expected count less than 5. The minimum expected count is 2,16.

Risk Estimate

| | Value |
|--|-------|
| Odds Ratio for jenis kelami1 (perempuan / laki-laki) | (a) |

a Risk Estimate statistics cannot be computed. They are only computed for a 2*2 table without empty cells.