Lampiran 1

Lembar evaluasi dan pendataan penggunaan obat pada penderita di RP Ilmu Kedokteran Jiwa dan RP Bedah Urologi RSUD Dr. Soetomo Surabaya

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LEMBAR EVALUASI PENGGUNAAN ANTIMIKROBA RSUD DR SOETOMO SURABAYA

Lab/RP : Ilmu Kesehatan Jiwa
Ruang : ..... Nomor Bed: .....
Nama :.....
Alamat :.....
Kelamin : L / W ; Umur :..... TH.
Tanggal MRS : ..... 199..
Diagnosis Utama :.....
Diagnosis Ikutan :.....

TERAPI:
Bulan :..... .....199..

Tgl	Antimikroba dan Dosis	Bukan Antimikroba dan Dosis

Lampiran 2

Tatacara pemeriksaan aglutinasi, biokimiawi dan motilitas *Escherichia coli* (A) Pemisahan plasmid (B), Pembuatan sel kompeten (C), Uji transformasi (D), Uji kepekaan cara difusi cakram (E) dan Pembuatan reagen (F)

A. Tatacara pemeriksaan aglutinasi, biokimiawi dan motilitas *Escherichia coli* (Baron at al., 1994; Munro, 1992).

1. Uji TSI (*Triple Sugar Iron*)

Uji ini bertujuan menentukan apakah bakteri (*Enterobacteriaceae*) mampu meragi laktosa, sukrosa dan dekstrosa, dean atau tanpa menghasilkan gas dan menghasilkan hidrogensulfida (H2S). Media adalah agar miring (isi media: 0,1% glukosa, 1% laktosa, 1% sukrosa dan sodium tiosulfat). Bakteri ditanam dengan menggunakan sengkelit, diusapkan pada permukaan *Slant* (bagian miring) dan dilanjutkan dengan menusukkan ke dalam *Butt* (bagian dasar). Pengeraman dilakukan suhu 37 °C semalam.

Hasilnya diiihat adanya reaksi berikut ini:

Bagian *Slant*	apakah ada perubahan warna menjadi kuning (=asam) atau tetap merah
Bagian *Butt*	a. apakah ada perubahan warna menjadi kuning (=asam) atau tetap merah (=alkali) b. apakah ada produksi gas yang ditandai munculnya bulatan ruang kosong berisi gas (Gas positif atau negatif) c. apakah ada produksi H2S yang ditandai munculnya warna hitam (H2S positif atau negatif).

2. Uji Indol

Uji ini bertujuan untuk menentukan apakah bakteri tersebut bisa manghasilkan indol. Uji dilakukan dengan membiakkan bakteri pada media cair triptofan suhu 37 °C selama 24 jam. Kemudian ditambahkan reagen Kovacs 0,5 ml (Reagen Kovac berisi: Iso amil alkohol 150 ml; Para dimetil amino benzaldehid 10 g; asam HCl murni 50 ml). Uji yang positif ditandai terbentuknya cincin warna merah di permukaan media cair.

3. Uji Merah Metil

Bertujuan menentukan apakah bakteri bisa menghasilkan keasaman yang tinggi pada media yang dipakai.

Bakteri dibiakkan pada media MR-VP (media Metil Red-Voges Proskauer = media glukose pepton fosfat yang berisi: pepton 5 g, K2HPO4 5 g, glukose 5 g, larutkan dengan akuadest sampai volume 1 liter), suhu 37 °C selama 2-4 hari. Tambahkan 5 tetes larutan Merah metil. Hasil uji positif ditandai munculnya warna merah pada media. (Reagen Merah metil: 0,1 g Merah metil; 300 ml 95% alkohol dan air sulinng 500 ml).

4. Uji Voges-Proskauer

Merupakan uji secara tidak langsung terhadap produksi 'Asetil Metil Karbinol'. Bila pada larutan biakan ada asetil metil karbinol, dan ditambah bahan alkali, maka akan terjadi asetil, dimana bahan ini akan bergabung dengan bahan dari pepton dan membentuk warna merah. Bakteri dibiakkan pada 5 ml media MR-VP, dieramkan 37 °C selama 48 jam. Pada 1 ml biakan tambahkan 5 tetes larutan KOH 40%, kemudian tambahkan 15

tetes reagen VP (5% alfa Naftol dalam etil alkohol). Kocok keras dan biarkan selama kira-kira 15 menit. Uji yang positif ditandai terjadinya warna pink.

5. Uji Pemakaian Sitrat

Untuk mengetahui apakah bakteri bisa memakai sitrat sebagai sumber karbon.

Bakteri dibiakkan pada media Simmons Sitrat Simmon (sebagai sumber karbon hanya dipergunakan sitrat), dieramkan suhu 37 °C selama 2-5 hari. Uji yang positif ditandai adanya pertumbuhan bakteri dan merubah indikator(Bromtimol biru) dari hijau menjadi biru gelap.

6. Uji Urease

Untuk mengetahui apakah bakteri mengahsilkan enzim Urease yang bisa memecah urea menjadi dua molekul amonia.

Bakteri dibiakkan dalam media cair urea (berisi: Urea 0,1%, KH2PO4 0,2%, NaCl 0,5%, dan ditambah merah fenol 0,5% sebanyak 0,24 ml setiap 100 ml media) dan dieramkan suhu 37 °C semalam. Hasil positif ditandai berubahnya warna media menjadi merah.

7. Uji motilitas

Disediakan 3-4 mililiter media semisolid dalam tabung reaksi. Dengan inokulum menggunakan sengkelit lancip, setelah dicelupkan dalam suspensi bakteri, sengkelit ditusukkan di bagian tengah ke dalam media semisolid. Dieramkan suhu 37 °C semalam. Hasil positif ditandai dengan adanya penyebaran pertumbuhan ke sekitar daerah tusukan

sebagai tanda adanya pertumbuhan dan pergerakan *Escherichia coli* ke sekitar akibat pergerakannya.

8. Uji aglutinasi (dipergunakan cara aglutinasi slide)

Pada permukaan gelas obyek yang bersih, taruh masing-masing satu tetes garam faali, satu untuk test satu untuk kontrol. Pada kedua tetes tersebut, suspensikan satu sengkelit biakan bakteri yang dicurigai. Selanjutnya pada bagian uji ditambahkan satu tetes antisera polivalen terhadap *Escherichia coli* dan pada bagian kontrol ditambahkan satu tetes garam faali. Gelas obyek digoyang antara 0,5 sampai 2 menit sambil dilihat adanya aglutinasi. Hasil positif ditandai terdapatnya gumpalan-gumpalan pada bagian uji dan tidak ada di bagian kontrol. Pengamatan hasil bisa dilakukan dengan mata telanjang atau menggunakan lensa pembesar. Dipergunakan antisera buatan Biofarma Bandung.

Spesies *Escherichia coli* ditegakkan berdasar hasil berikut ini:TSI (*Slant*: Asam; *Butt*: asam, ada gas, tidak ada H2S); Indol (positif); MR (positif); VP (negatif); Pemakaian sitrat (negatif); motilitas (positif); produksi urease (negatif) dan aglutinasi (positif). Lihat tabel berikut ini.

Jenis uji	Hasil
1. TSI	Asam ---------- Asam, Gas+, H2S-
2. Indol	+ (positif)
3. MR	+ (positif)
4. VP	- (negatif)
5. Pemakaian Sitrat	- (negatif)
6. Motilitas	+ (positif)
7. Produksi urease	- (negatif)
8. Aglutinasi	+ (positif)

B. Pemisahan plasmid metode alkali (Sambrook *et al.*, 1989)

1. *Escherichia coli* sampel ditanam pada media LB suhu 37 °C semalam pada pengeram bergoyang dengan kecepatan 120 RPM.
2. Diambil sebanyak 1,5 mililiter, sel bakteri diendapkan dengan pemusingan 12.000 rpm, suhu 4 °C selama 30 detik.
3. Supernatan dibuang, dan pelet bakteri ditambah 100 µl larutan I dan divorteks keras sampai pelet larut.
4. Tambahkan larutan II sebanyak 200 µl, dilarutkan dengan membaik-balikkan tabug selanjutnya ditaruh dalam air es diamkan beberapa saat.
5. Tambahkan larutan III dingin sebanyak 150 milkroliter, tabung dikocok pelan dengan cara membalik-balikkan tabung. Taruh dalam air es selama 5 menit.
6. Pusingkan kecepatan 12.000 g , suhu 4 °C selama 5 menit. Supernatan yang berisi plasmid yang dicari, dipindah ke tabung baru.
7. Tambahkan etanol absolut sebanyak dua kali volume, campur dengan membalik-balik tabung, biarkan suhu kamar selama 2 menit.
8. Pusingkan kecepatan 12.000 g , suhu 4 °C selama 5 menit. Supernatan dibuang.
9. Tambahkan 1 mililiter etanol 70% dingin, pusingkan 12.000 g selama 2 menit. Supernatan dibuang dan tabung dibiarkan selama 5 menit dengan dalam keadaan tutup terbuka
10. Maka plasmid akan berada pada dasar tabung. Tambahkan larutan TE senyak 50 µl dan disimpan suhu - 20 °C sampai dipergunakan

C. Cara pembuatan sel kompeten

1. Tanam satu koloni biakan semalam pada 50 ml media LB dalam gelas erlenmeyer isi 300 ml; dieramkan suhu 37 °C, 16-20 jam, dengan goyangan ringan (50-60 RPM)
2. Tanam 1 ml dalam 100 ml media LB dalam erlenmeyer isi 500 ml, eramkan suhu 37 ° C, dengan goyangan keras (200 RPM). Selama pengeraman kepadatan suspensi biakan diikuti sampai kepadatan pada spektrofotometer OD600 adalah 0,4 sampai 0,5. Pengukuran dilakukan setiap 20 menit dan kemudian setiap 5 menit.
3. Tampung biakan dalam tabung polipropilen isi 50 ml, taruh dalam air es sampai 10 menit.
4. Pusingkan dengan kecepatan 2400 g atau 4000 RPM, suhu 4 °C, selama 10 min.
5. Supernatan dibuang dan endapan dilarutkan dengan 10 ml 100 mM $CaCl_2$ dingin, biarkan dalam air es selama 10 min.
6. Pusingkan dengan kecepatan 2400 g atau 4000 RPM, suhu 4 °C, selama 10 min.
7. Supernatan dibuang dan endapan dilarutkan dengan 2.5 ml 100 mM $CaCl_2$ dingin, biarkan dalam air es selama 2 jam sebelum bisa dipergunakan. Penyimpanan selama 12-24 jam dikatakan bisa meningkatkan efisiensi transformasi.

D. Uji transformasi (Sambrook at al., 1989; Nakata at al., 1997)

1. Dicampur sebanyak 200 µl *Escherichia coli* kompeten dengan 10 µl larutan plasmid sampel.
2. Dicampur dengan memutar-mutar cepat diantara dua telapak tangan ('swirling').
3. Masukkan es selama 30 menit.

4. Masukkan dalam air suhu 42 °C selama 90 detik
5. Masukkan es selama 2 menit.
6. Tambahkan 800 µl media cair Luria Bertani
7. Eramkan suhu 37 °C selama 45 menit, dalam penangas air bergoyang (75 rpm).
8. Dilakukan uji seleksi dengan menanam 100 µl larutan bakteri pada media agar Luria Bertani yang mengandung ampisilin kadar 64 µg per mililiter.
9. Adanya pertumbuhan koloni, menunjukkan adanya perubahan *Escherichia coli* acuan dari peka menjadi kebal, yang berarti ada plasmid kekebalan terhadap ampisilin.

E. Uji kepekaan cara difusi cakram (Munro, 1992)

1. Bakteri dibiakkan pada media agar Mueller Hinton untuk mendapatkan koloni terpisah setelah pengeraman suhu 35 ° C semalam.
2. Ambil satu koloni, tanam pada 5 mililiter media cair Mueller Hinton, eramkan suhu 35 ° C semalam. Hasil pertumbuhan diencerkan dengan larutan garam faali (NaCl 0,85%) sampai kekeruhan mencapai standard MacFarland 0,5.
3. Lidi kapas steril dicelupkan dalam suspensi bakteri, kurangi kelebihan cairan dengan menekan lidi kapas pada dinding tabung.
4. Hapuskan lidi kapas yang telah mengandung bakteri pada permukaan media agar Mueller Hinton, biarkan suhu kamar selama 5 menit (3 sampai 15 menit).
5. Tempatkan cakram antimikroba pada permukaan agar, sebanyak 5 cakram per lempeng agar.
6. Lempeng agar ditaruh dalam pengeram secara terbalik, dan dieramkan suhu 35 ° C semalam.

7. Pembacaan dilakukan berdasar adanya daerah hambatan yang merupakan daerah dengan tidak ada pertumbuhan yang berbentuk lingkaran.

8. Garis tengah lingkaran diukur menggunakan alat pengukur jangka sorong

9. Hasil pengukuran dibandingkan dengan patokan.

F. Pembuatan reagen, bufer dan media pembiakan

1.	Susunan larutan TE	10 mM Tris-Cl pH 8,0 1 mM EDTA pH 8,0
2.	Larutan RNase dan cara pembuatan	RNase A 10 mg Tambahkan pelarut 1 ml (Tris-Cl 10 mM pH 7,5; NaCl 15 mM) Dipanaskan 100 °C, 15 menit, kemudian dibiarkan menjadi dingin kembali sampai 60 °C, dan bisa disimpan suhu minus 20 °C
5.	Pembuatan TBE 5X (Bufer Tris-borat EDTA)	Tris base 54 g Asam Borat 27,50 g $Na_2EDTA.2H2O$ 3,72 g Akuades 1 liter
6.	Loading dye (Sucrose based)	Sucrose 40% (w/v) Bromophenol blue. 0.25% H2O
7.	Media Luria Bertani (LB)	H2O deionisasi ('Deionized H2O') 950 ml Tripton Bacto ('Bacto-tryptone') 10 g Ekstrak ragi Bacto ('Bacto-Yeast extract') 5 g NaCl 10 g Dikocok sampai larut, tambahkan 5 N NaOH (kira-kira 0,2 ml.) sampai pH media menjadi 7. Tambahkan H2O sampai satu liter. Disterilkan pada otoklaf tekanan 15 lb/in^2 selama 20 menit.

8. Pembuatan media MacConkey

Pepton	20	g
Laktosa	10	g
Garam empedu	5	g
Indikator Neutral red	0,075	g
Agar	12	g
Ditambah H2O sampai	1	liter

pH = 7,4

9. Pembuatan media agar Mueller Hinton

Dipergunakan media buatan DIFCO dengan susunan berikut ini: Untuk setiap liter media mengandung:

Beef, Infusion from	300 g
Bacto Casaminoacids, Technical	17.5 g
Starch	1.5 g
Bacto Agar	17 g

Cara pembuatan: Ditimbang sebanyak 38 g media bubuk, dilarutkan dalam 1 liter akuades, dicampur dan disteril suhu 121 °C selama 15 menit.

10. Larutan I: (Lisis alkali)

50 mM Glucose
25 mM Tris-Cl, pH 8,0
10 mM EDTA, pH 8,0
otokiaf, Simpan suhu 4 °C

11. Larutan II: (Lisis alkali)

0.2 N NaOH (baru dari larutan 10 N)
1 % SDS
Larutan NaOH 10 N : NaOH 10 N = 400 g/liter; 40 g/100 ml; 40 mg/ml

12. Larutan III: (Lisis alkali)

5 M Pot.Acetate	60 ml
Glacial Ace.Acid	11.5 ml
H2O	28.5 ml

(3 M Potasium; 5 M Acetate)

Lampiran 3

Penggunaan antimikroba (dalam gram) pada penderita rawat inap di RP IKJ dan RP BU RSUD Dr. Soetomo Surabaya

KODE	JEN_AM	AMPI	SULB	SEFA	LAKTAM	AMPI_DOS	SULB_DOS	SEFA_DOS	LAKT_DOS
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	1.00	1.00	1.00	2.00	.00	.00	.00	6.50
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	2.00	1.00	1.00	2.00	4.50	.00	.00	2.45
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	2.00	1.00	1.00	2.00	10.00	.00	.00	10.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	2.00	1.00	1.00	2.00	11.00	.00	.00	1.00
1.00	1.00	2.00	1.00	1.00	2.00	4.50	.00	.00	4.50
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	2.00	1.00	1.00	2.00	4.50	.00	.00	4.50
1.00	1.00	1.00	1.00	1.00	2.00	.00	.00	.00	10.50
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00

1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	4.00	4.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	1.00	.00	1.00
2.00	2.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	9.00	9.00	9.00	9.00	9.00	99.00	99.00	99.00	99.00
2.00	1.00	2.00	1.00	1.00	2.00	5.00	.00	.00	5.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	4.00	4.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	3.00	1.00	2.00	1.00	2.00	.00	1.00	.00	1.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	.80	.80
2.00	1.00	2.00	1.00	1.00	2.00	1.00	.00	.00	1.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	9.00	9.00	9.00	9.00	9.00	99.00	99.00	99.00	99.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	1.80	.00	1.80
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	2.00	2.00	1.00	1.00	2.00	6.00	.00	.00	12.00
2.00	9.00	9.00	9.00	9.00	9.00	99.00	99.00	99.00	99.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	2.00	2.00	1.00	2.00	2.00	4.00	.00	1.00	5.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	4.00	6.00
2.00	2.00	2.00	1.00	1.00	2.00	5.00	.00	.00	5.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	1.00	1.00	2.00	6.00	.00	.00	6.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	12.00	.00	12.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	4.00	.00	4.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	4.00	.00	4.00
2.00	1.00	2.00	1.00	1.00	2.00	1.00	.00	.00	1.00
2.00	1.00	2.00	1.00	1.00	2.00	7.00	.00	.00	7.00
2.00	9.00	9.00	9.00	9.00	9.00	99.00	99.00	99.00	99.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	2.00	1.00	1.00	2.00	6.00	.00	.00	6.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
1.00	1.00	2.00	1.00	1.00	2.00	4.50	.00	.00	4.50
1.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	1.00	1.00	1.00	2.00	.00	.00	.00	4.50
1.00	1.00	1.00	1.00	1.00	2.00	.00	.00	.00	1.50

1.00	1.00	1.00	1.00	1.00	2.00	.00	.00	.00	14.00
1.00	1.00	2.00	1.00	1.00	2.00	8.00	.00	.00	8.00
1.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	2.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	1.00	2.00	1.00	1.00	2.00	6.00	.00	.00	6.00
1.00	1.00	2.00	1.00	1.00	2.00	10.00	.00	.00	10.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00

1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
1.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	2.00	1.00	2.00	.00	39.00	.00	39.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	7.00	.00	7.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	8.00	.00	8.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	4.00	4.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	5.00	5.00
2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	5.00	7.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	4.00	.00	4.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	1.00	1.00	2.00	1.00	.00	.00	5.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	5.00	5.00
2.00	1.00	2.00	1.00	1.00	2.00	4.00	.00	.00	5.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	2.00	1.00	2.00	4.00	3.00	.00	7.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	3.00	3.00
2.00	2.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	17.00	.00	17.00
2.00	1.00	2.00	1.00	1.00	2.00	12.00	.00	.00	12.00
2.00	2.00	2.00	2.00	1.00	2.00	3.00	2.00	.00	5.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	24.00	.00	24.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	6.00	.00	6.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	3.00	.00	3.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	9.00	.00	9.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	2.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	3.00	1.00	2.00	1.00	2.00	.00	3.00	.00	3.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	6.00	.00	6.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	4.00	.00	4.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	14.00	.00	14.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	3.00	3.00

2.00	2.00	2.00	2.00	1.00	2.00	6.00	2.00	.00	8.00
2.00	2.00	1.00	2.00	2.00	2.00	.00	4.00	4.00	8.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	4.00	.00	4.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	1.00	2.00	1.00	1.00	2.00	9.00	.00	.00	9.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	3.00	1.00	2.00	2.00	2.00	.00	18.00	9.00	27.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	8.00	.00	8.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	35.00	.00	35.00
2.00	4.00	1.00	1.00	2.00	2.00	.00	.00	25.60	25.60
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	7.00	.00	7.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	2.00	2.00	1.00	2.00	2.00	18.00	.00	3.00	21.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	26.00	.00	26.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	8.00	8.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	5.00	5.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	7.00	.00	7.00
2.00	2.00	2.00	2.00	1.00	2.00	9.00	3.00	.00	12.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	9.00	9.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	2.00	1.00	2.00	1.00	2.00	.00	2.00	.00	11.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	2.00	1.00	2.00	.00	1.00	.00	1.00
2.00	4.00	2.00	1.00	2.00	2.00	7.00	.00	1.00	8.00
2.00	2.00	1.00	2.00	2.00	2.00	.00	2.00	4.00	6.00
2.00	2.00	2.00	2.00	1.00	2.00	8.00	3.00	.00	11.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	10.00	.00	10.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	8.00	8.00
2.00	2.00	2.00	1.00	1.00	2.00	4.00	.00	.00	4.00
2.00	3.00	2.00	1.00	1.00	2.00	13.00	.00	.00	13.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	8.00	8.00
2.00	2.00	2.00	2.00	1.00	2.00	3.00	1.00	.00	4.00
2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	4.00	6.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	7.00	.00	7.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	2.00	.00	2.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	2.00	2.00	2.00	.00	2.00	2.00	4.00
2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	8.00	10.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	9.00	.00	9.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	17.00	.00	17.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	4.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00

2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	1.00	2.00	2.00	2.00	.00	16.00	1.00	17.00
2.00	1.00	2.00	1.00	1.00	2.00	3.00	.00	.00	3.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	2.00	1.00	1.00	2.00	2.00	.00	.00	3.00	3.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	6.00	6.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	2.00	2.00	2.00	1.00	2.00	1.00	3.00	.00	4.00
2.00	2.00	1.00	2.00	2.00	2.00	.00	2.00	6.00	8.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	1.00	1.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	1.00	.00	1.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	8.00	.00	8.00
2.00	2.00	2.00	1.00	2.00	2.00	3.00	.00	7.00	10.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	8.00	.00	8.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	2.00	2.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	2.00	2.00	1.00	2.00	2.00	2.00	.00	1.00	3.00
2.00	1.00	2.00	1.00	1.00	2.00	2.00	.00	.00	2.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	7.00	.00	7.00
2.00	.00	1.00	1.00	1.00	1.00	.00	.00	.00	.00
2.00	1.00	1.00	2.00	1.00	2.00	.00	5.00	.00	5.00
2.00	1.00	1.00	1.00	2.00	2.00	.00	.00	.50	.50

Keterangan:

1	'Missing'	= Angka 9 dan 99 adalah nilai 'MISSING'/data tidak lengkap
2	KODE	= Kode sampel/RP, 1=RP IKJ, 2=RP BU RSUD Dr. Soetomo Surabaya
3	JEN_AM	= Jumlah jenis antimikroba yang diberikan pada seorang penderita
4	AMPI	1=tidak mendapat ampisilin; 2=mendapat ampisilin
5	SULB	1=tidak mendapat sulbenisilin; 2= mendapat sulbenisilin
6	SEFA	1=tidak mendapat sefalosporin; 2= mendapat sefalosporin
7	LAKTAM	1=tidak mendapat antimikroba golongan cincin beta laktam; 2=mendapat antimikroba golongan cincin beta laktam
8	AMPI_DOS	= dosis total ampisilin (gram) pada seorang penderita
9	SULB_DOS	= dosis total sulbenisilin (gram) pada seorang penderita
10	SEFA_DOS	= dosis total sefalosporin (gram) pada seorang penderita
11	LAKT_DOS	= dosis total antimikroba golongan cincin beta laktam (gram) (termasuk ampisilin, sulbenisilin, sefalosporin dan yang lain) pada seorang penderita
12	RP	= Ruang Perawatan

Lampiran 4

Perhitungan statistik dengan program komputer SPSS/PC+ terhadap frekuensi dan dosis penggunaaan antimikroba di RP IKJ dan RP BU RSUD Dr. Soetomo Surabaya

NPAR TEST KOLMOGOROV-SMIRNOV (NORMAL) = AMPI_DOS SULB_DOS SEFA_DOS LAKT_DOS.

***** WORKSPACE allows for 10856 cases for NPAR TESTS *****

PROCESS IF (KODE=1).
NPAR TEST KOLMOGOROV-SMIRNOV (NORMAL) = AMPI_DOS SULB_DOS SEFA_DOS LAKT_DOS.

***** WORKSPACE allows for 10856 cases for NPAR TESTS *****

Page 46 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

AMPI_DOS

Test Distribution - Normal Mean: .3728
Standard Deviation: 1.6877

Cases: 169

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.53415	.53415	-.41259	6.944	.000

Page 47 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

SULB_DOS

Test Distribution - Normal Mean: .0000
Standard Deviation: .0000

The test distribution has no variance. The test was not run.

Page 48 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

SEFA_DOS

Test Distribution - Normal Mean: .0000
Standard Deviation: .0000

The test distribution has no variance. The test was not run.

Page 49 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

LAKT_DOS

Test Distribution - Normal Mean: .5204
Standard Deviation: 2.0310

Cases: 169

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.51828	.51828	-.39888	6.738	.000

Page 50 SPSS/PC+ 4/15/99

PROCESS IF (KODE=2).
NPAR TEST KOLMOGOROV-SMIRNOV (NORMAL) = AMPI_DOS SULB_DOS SEFA_DOS LAKT_DOS.

***** WORKSPACE allows for 10856 cases for NPAR TESTS *****

Page 51 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

AMPI_DOS

Test Distribution - Normal Mean: .9793
Standard Deviation: 2.4515

Cases: 193

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.41688	.41688	-.34478	5.791	.000

Page 52 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

SULB_DOS

Test Distribution - Normal Mean: 2.3927
Standard Deviation: 5.4535

Cases: 193

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.33042	.30170	-.33042	4.590	.000

Page 53 SPSS/PC+ 4/15/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

SEFA_DOS

Test Distribution - Normal Mean: .9684
Standard Deviation: 2.6153

Cases: 193

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.39571	.39571	-.35559	5.497	.000

Page 54 SPSS/PC+ 4/15/99

- - - - - Koimogorov - Smirnov Goodness of Fit Test

LAKT_DOS

Test Distribution - Normal Mean: 4.4440
Standard Deviation: 6.0263

Cases: 193

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.23043	.19382	-.23043	3.201	.000

This procedure was completed at 12:19:53

CROSSTAB AMPI SULB SEFA LAKTAM BY KODE/OPTION=3,4/ STATISTIC =1.

***** Given WORKSPACE allows for 11253 Cells with
2 Dimensions for CROSSTAB problem *****

Page 51 SPSS/PC+ 2/26/99
Crosstabulation: AMPI AMPISILIN
By KODE KODE SAMPEL

KODED> / AMPI	Count / Row Pct / Col Pct	KEDOK JIWA 1.00	BEDAH UROL 2.00	Row Total
TIDAK	1.00	160	147	307
		52.1	47.9	84.8
		94.7	76.2	
YA	2.00	9	46	55
		16.4	83.6	15.2
		5.3	23.8	
Column Total		169	193	362
		46.7	53.3	100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
22.54061	1	.0000	25.677	None
23.95553	1	.0000	(Before Yates Correction)	

Number of Missing Observations = 4

Page 52 SPSS/PC+ 2/26/99

Crosstabulation: SULB SULBENISILIN
By KODE KODE SAMPEL

KODED> SULB	Count / Row Pct / Col Pct	KEDOK JIWA 1.00	BEDAH UROL 2.00	Row Total
TIDAK	1.00	169 58.1 100.0	122 41.9 63.2	291 80.4
YA	2.00		71 100.0 36.8	71 19.6
Column Total		169 46.7	193 53.3	362 100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
75.02417	1	.0000	33.146	None
77.33985	1	.0000	(Before Yates Correction)	

Number of Missing Observations = 4

Page 53 SPSS/PC+ 2/26/99

Crosstabulation: SEFA SEFALOSPORIN
By KODE KODE SAMPEL

KODED> SEFA	Count / Row Pct / Col Pct	KEDOK JIWA 1.00	BEDAH UROL 2.00	Row Total
TIDAK	1.00	169 53.8 100.0	145 46.2 75.1	314 86.7
YA	2.00		48 100.0 24.9	48 13.3
Column Total		169 46.7	193 53.3	362 100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
46.31798	1	.0000	22.409	None
48.45623	1	.0000	(Before Yates Correction)	

Number of Missing Observations = 4

Page 54 SPSS/PC+ 2/26/99

Crosstabulation: LAKTAM AM CINCIN B LAKTAM
By KODE KODE SAMPEL

KODED> LAKTAM	Count / Row Pct / Col Pct	KEDOK JIWA 1.00	BEDAH UROL 2.00	Row Total
TIDAK	1.00	155	51	206
		75.2	24.8	56.9
		91.7	26.4	
YA	2.00	14	142	156
		9.0	91.0	43.1
		8.3	73.6	
Column Total		169	193	362
		46.7	53.3	100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
153.97667	1	.0000	72.829	None
156.62778	1	.0000	(Before Yates Correction)	

Number of Missing Observations = 4

Page 56 SPSS/PC+ 2/26/99

NPAR TEST MANN-WHITNEY AMPI_DOS SULB_DOS SEFA_DOS LAKT_DOS BY KODE (1,2).

**** WORKSPACE allows for 7678 cases for NPAR TESTS ****

Page 57 SPSS/PC+ 2/26/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

AMPI_DOS

by KODE KODE SAMPEL

Mean Rank	Cases	
164.39	169	KODE = 1.00 KEDOK JIWA
196.48	193	KODE = 2.00 BEDAH UROL

	362	Total

Corrected for Ties

U	W	Z	2-tailed P
13416.5	27781.5	-4.6628	.0000

Page 58 SPSS/PC+ 2/26/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SULB_DOS

by KODE KODE SAMPEL

Mean Rank	Cases	
146.00	169	KODE = 1.00 KEDOK JIWA
212.59	193	KODE = 2.00 BEDAH UROL

	362	Total

Corrected for Ties

U	W	Z	2-tailed P
10309.0	24674.0	-8.7146	.0000

Page 59 SPSS/PC+ 2/26/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

SEFA_DOS

by KODE KODE SAMPEL

Mean Rank	Cases	
157.50	169	KODE = 1.00 KEDOK JIWA
202.52	193	KODE = 2.00 BEDAH UROL

	362	Total

Corrected for Ties

U	W	Z	2-tailed P
12252.5	26617.5	-6.9287	.0000

Page 60 SPSS/PC+ 2/26/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

LAKT_DOS

by KODE KODE SAMPEL

Mean Rank	Cases	
119.49	169	KODE = 1.00 KEDOK JIWA
235.80	193	KODE = 2.00 BEDAH UROL

	362	Total

Corrected for Ties

U	W	Z	2-tailed P
5829.0	20194.0	-11.6899	.0000

Page 61 SPSS/PC+ 2/26/99

NPAR TEST MANN-WHITNEY JEN_AM BY KODE (1,2).

**** WORKSPACE allows for 10856 cases for NPAR TESTS *****

Page 62 SPSS/PC+ 2/26/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

JEN_AM JML JENIS ANTIMIKR
by KODE KODE SAMPEL

Mean Rank	Cases	
108.29	169	KODE = 1.00 KEDOK JIWA
245.60	193	KODE = 2.00 BEDAH UROL

	362	Total

Corrected for Ties

U	W	Z	2-tailed P
3936.5	18301.5	-13.7309	.0000

This procedure was completed at 12:21:22

Lampiran 5

Hasil pemeriksaan uji kepekaan dan uji transformasi *Escherichia coli* isolat dari RP Ilmu Kedokteran Jiwa dan RP Bedah Urologi RSUD Dr. Soetomo Surabaya; pene-raan ukuran plasmid pengkode kebal ampisilin dan uji kepekaan sel transforman.

KODECOL	KODERP	KEBALCOL	TRANSFOR	UKURPLA	KEBALTRA
JE1	1.00	2.00	2.00	1.00	3.00
JE2	1.00	2.00	1.00	.00	.00
JE3	1.00	2.00	1.00	.00	.00
JE4	1.00	2.00	1.00	.00	.00
JE5	1.00	2.00	1.00	.00	.00
JE6	1.00	2.00	2.00	1.00	3.00
JE7	1.00	2.00	1.00	.00	.00
JE8	1.00	1.00	.00	.00	.00
JE9	1.00	2.00	1.00	.00	.00
JE10	1.00	2.00	1.00	.00	.00
JE11	1.00	2.00	1.00	.00	.00
JE12	1.00	2.00	1.00	.00	.00
JE13	1.00	2.00	1.00	.00	.00
JE14	1.00	2.00	1.00	.00	.00
JE15	1.00	2.00	2.00	1.00	3.00
JE16	1.00	2.00	1.00	.00	.00
JE17	1.00	2.00	2.00	1.00	3.00
JE18	1.00	1.00	.00	.00	.00
JE19	1.00	2.00	1.00	.00	.00
JE20	1.00	2.00	2.00	1.00	3.00
JE21	1.00	2.00	1.00	.00	.00
JE22	1.00	2.00	1.00	.00	.00
JE23	1.00	2.00	1.00	.00	.00
JE24	1.00	2.00	1.00	.00	.00
JE25	1.00	1.00	.00	.00	.00
JE26	1.00	2.00	2.00	1.00	3.00
JE27	1.00	1.00	.00	.00	.00
JE28	1.00	1.00	.00	.00	.00
JE29	1.00	2.00	2.00	1.00	3.00
JE30	1.00	2.00	1.00	.00	.00
JE31	1.00	2.00	1.00	.00	.00
JE32	1.00	2.00	1.00	.00	.00
JE33	1.00	2.00	1.00	.00	.00
JE34	1.00	2.00	1.00	.00	.00
JE35	1.00	1.00	.00	.00	.00
JE36	1.00	2.00	1.00	.00	.00
JE37	1.00	2.00	2.00	1.00	3.00
JE38	1.00	2.00	1.00	.00	.00
JE39	1.00	2.00	1.00	.00	.00
JE40	1.00	1.00	.00	.00	.00
JE41	1.00	2.00	1.00	.00	.00
JE42	1.00	2.00	1.00	.00	.00
JE43	1.00	2.00	1.00	.00	.00
JE44	1.00	2.00	2.00	1.00	3.00

JE45	1.00	2.00	1.00	.00	.00
JE46	1.00	2.00	1.00	.00	.00
JE47	1.00	2.00	1.00	.00	.00
JE48	1.00	2.00	1.00	.00	.00
JE49	1.00	2.00	1.00	.00	.00
JE50	1.00	2.00	1.00	.00	.00
JE51	1.00	1.00	.00	.00	.00
JE52	1.00	1.00	.00	.00	.00
JE53	1.00	2.00	1.00	.00	.00
JE54	1.00	2.00	1.00	.00	.00
JE55	1.00	2.00	2.00	1.00	2.00
JE56	1.00	1.00	.00	.00	.00
JE57	1.00	2.00	1.00	.00	.00
JE58	1.00	2.00	1.00	.00	.00
JE59	1.00	2.00	1.00	.00	.00
JE60	1.00	2.00	1.00	.00	.00
JE61	1.00	2.00	2.00	1.00	3.00
JE62	1.00	1.00	.00	.00	.00
JE63	1.00	2.00	1.00	.00	.00
JE64	1.00	2.00	1.00	.00	.00
JE65	1.00	2.00	1.00	.00	.00
JE66	1.00	2.00	1.00	.00	.00
JE67	1.00	2.00	1.00	.00	.00
JE68	1.00	2.00	2.00	1.00	3.00
JE69	1.00	2.00	1.00	.00	.00
JE70	1.00	2.00	1.00	.00	.00
JE71	1.00	1.00	.00	.00	.00
JE72	1.00	1.00	.00	.00	.00
JE73	1.00	2.00	1.00	.00	.00
JE74	1.00	2.00	1.00	.00	.00
JE75	1.00	2.00	1.00	.00	.00
JE76	1.00	1.00	.00	.00	.00
JE77	1.00	2.00	2.00	1.00	3.00
JE78	1.00	2.00	1.00	.00	.00
JE79	1.00	1.00	.00	.00	.00
JE80	1.00	2.00	1.00	.00	.00
JE81	1.00	2.00	1.00	.00	.00
JE82	1.00	2.00	1.00	.00	.00
JE83	1.00	2.00	1.00	.00	.00
JE84	1.00	2.00	1.00	.00	.00
JE85	1.00	2.00	1.00	.00	.00
JE86	1.00	2.00	2.00	1.00	3.00
JE87	1.00	2.00	1.00	.00	.00
JE88	1.00	2.00	1.00	.00	.00
JE89	1.00	1.00	.00	.00	.00
JE90	1.00	1.00	.00	.00	.00
JE91	1.00	2.00	1.00	.00	.00
JE92	1.00	2.00	1.00	.00	.00
JE93	1.00	2.00	1.00	.00	.00
JE94	1.00	2.00	1.00	.00	.00
JE95	1.00	1.00	.00	.00	.00
JE96	1.00	2.00	1.00	.00	.00
JE97	1.00	1.00	0.00	.00	.00

JE98	1.00	2.00	1.00	.00	.00
JE99	1.00	2.00	1.00	.00	.00
JE100	1.00	2.00	2.00	1.00	3.00
JE101	1.00	2.00	1.00	.00	.00
JE102	1.00	2.00	1.00	.00	.00
JE103	1.00	2.00	1.00	.00	.00
JE104	1.00	1.00	.00	.00	.00
JE105	1.00	1.00	.00	.00	.00
JE106	1.00	2.00	2.00	1.00	3.00
JE107	1.00	1.00	.00	.00	.00
JE108	1.00	1.00	.00	.00	.00
JE109	1.00	2.00	1.00	.00	.00
JE110	1.00	2.00	1.00	.00	.00
JE111	1.00	2.00	1.00	.00	.00
JE112	1.00	2.00	1.00	.00	.00
JE113	1.00	2.00	1.00	.00	.00
JE114	1.00	2.00	2.00	1.00	3.00
JE115	1.00	1.00	.00	.00	.00
JE116	1.00	2.00	1.00	.00	.00
JE117	1.00	2.00	1.00	.00	.00
JE118	1.00	2.00	1.00	.00	.00
JE111	1.00	2.00	1.00	.00	.00
JE120	1.00	2.00	1.00	.00	.00
JE121	1.00	2.00	1.00	.00	.00
JE122	1.00	2.00	2.00	1.00	3.00
JE123	1.00	1.00	.00	.00	.00
JE124	1.00	2.00	1.00	.00	.00
JE125	1.00	2.00	1.00	.00	.00
JE126	1.00	2.00	1.00	.00	.00
JE127	1.00	2.00	1.00	.00	.00
JE128	1.00	2.00	1.00	.00	.00
JE129	1.00	2.00	2.00	1.00	3.00
JE130	1.00	2.00	1.00	.00	.00
JE131	1.00	2.00	1.00	.00	.00
JE132	1.00	2.00	1.00	.00	.00
JE133	1.00	2.00	2.00	1.00	2.00
JE134	1.00	2.00	1.00	.00	.00
JE135	1.00	1.00	.00	.00	.00
JE136	1.00	2.00	1.00	.00	.00
JE137	1.00	2.00	1.00	.00	.00
JE138	1.00	2.00	1.00	.00	.00
JE139	1.00	2.00	1.00	.00	.00
JE140	1.00	2.00	2.00	1.00	3.00
JE141	1.00	2.00	1.00	.00	.00
JE142	1.00	2.00	1.00	.00	.00
JE143	1.00	1.00	.00	.00	.00
JE144	1.00	2.00	1.00	.00	.00
JE145	1.00	2.00	1.00	.00	.00
JE146	1.00	2.00	1.00	.00	.00
JE147	1.00	2.00	2.00	1.00	2.00
JE148	1.00	2.00	1.00	.00	.00
JE149	1.00	2.00	1.00	.00	.00
JE150	1.00	2.00	1.00	.00	.00

JE151	1.00	1.00	.00	.00	.00
JE152	1.00	1.00	.00	.00	.00
JE153	1.00	2.00	1.00	.00	.00
JE154	1.00	2.00	1.00	.00	.00
JE155	1.00	2.00	1.00	.00	.00
JE156	1.00	2.00	1.00	.00	.00
JE157	1.00	1.00	.00	.00	.00
JE158	1.00	2.00	2.00	1.00	3.00
JE159	1.00	2.00	1.00	.00	.00
JE160	1.00	2.00	1.00	.00	.00
JE161	1.00	1.00	.00	.00	.00
JE162	1.00	1.00	.00	.00	.00
JE163	1.00	2.00	1.00	.00	.00
JE164	1.00	2.00	1.00	.00	.00
JE165	1.00	2.00	1.00	.00	.00
JE166	1.00	2.00	1.00	.00	.00
JE167	1.00	2.00	1.00	.00	.00
JE168	1.00	2.00	2.00	1.00	3.00
JE169	1.00	2.00	1.00	.00	.00
JE170	1.00	2.00	1.00	.00	.00
JE171	1.00	1.00	.00	.00	.00
JE172	1.00	2.00	1.00	.00	.00
JE173	1.00	2.00	1.00	.00	.00
JE174	1.00	2.00	1.00	.00	.00
JE175	1.00	2.00	1.00	.00	.00
JE176	1.00	2.00	1.00	.00	.00
JE177	1.00	2.00	1.00	.00	.00
JE178	1.00	1.00	.00	.00	.00
JE179	1.00	1.00	.00	.00	.00
JE180	1.00	1.00	.00	.00	.00
JE181	1.00	2.00	1.00	.00	.00
JE182	1.00	2.00	1.00	.00	.00
JE183	1.00	2.00	1.00	.00	.00
JE184	1.00	2.00	1.00	.00	.00
JE185	1.00	2.00	2.00	1.00	3.00
JE186	1.00	2.00	1.00	.00	.00
JE187	1.00	2.00	1.00	.00	.00
JE188	1.00	2.00	1.00	.00	.00
JE189	1.00	1.00	.00	.00	.00
JE190	1.00	2.00	1.00	.00	.00
JE191	1.00	2.00	2.00	1.00	3.00
JE192	1.00	2.00	1.00	.00	.00
JE193	1.00	2.00	1.00	.00	.00
JE194	1.00	2.00	1.00	.00	.00
JE195	1.00	2.00	1.00	.00	.00
JE196	1.00	2.00	2.00	1.00	3.00
JE197	1.00	2.00	1.00	.00	.00
JE198	1.00	2.00	1.00	.00	.00
JE199	1.00	1.00	.00	.00	.00
JE200	1.00	2.00	1.00	.00	.00
JE201	1.00	1.00	.00	.00	.00
JE202	1.00	2.00	1.00	.00	.00
JE203	1.00	2.00	1.00	.00	.00

JE204	1.00	2.00	1.00	.00	.00
JE205	1.00	2.00	1.00	.00	.00
JE206	1.00	2.00	2.00	1.00	3.00
JE207	1.00	2.00	1.00	.00	.00
JE208	1.00	2.00	1.00	.00	.00
JE209	1.00	2.00	1.00	.00	.00
JE210	1.00	2.00	1.00	.00	.00
BE1	2.00	2.00	1.00	.00	.00
BE2	2.00	2.00	1.00	.00	.00
BE3	2.00	2.00	1.00	.00	.00
BE4	2.00	2.00	1.00	.00	.00
BE5	2.00	2.00	2.00	1.00	2.00
BE6	2.00	2.00	2.00	3.00	3.00
BE7	2.00	1.00	.00	.00	.00
BE8	2.00	2.00	1.00	.00	.00
BE9	2.00	2.00	1.00	.00	.00
BE10	2.00	2.00	2.00	1.00	2.00
BE11	2.00	2.00	1.00	.00	.00
BE12	2.00	2.00	1.00	.00	.00
BE13	2.00	1.00	.00	.00	.00
BE14	2.00	2.00	2.00	2.00	1.00
BE15	2.00	2.00	1.00	.00	.00
BE16	2.00	2.00	2.00	1.00	3.00
BE17	2.00	2.00	1.00	.00	.00
BE18	2.00	2.00	2.00	3.00	3.00
BE19	2.00	1.00	.00	.00	.00
BE20	2.00	2.00	1.00	.00	.00
BE21	2.00	2.00	1.00	.00	.00
BE22	2.00	2.00	2.00	3.00	3.00
BE23	2.00	1.00	.00	.00	.00
BE24	2.00	2.00	1.00	.00	.00
BE25	2.00	2.00	1.00	.00	.00
BE26	2.00	2.00	1.00	.00	.00
BE27	2.00	2.00	2.00	3.00	3.00
BE28	2.00	2.00	2.00	1.00	3.00
BE29	2.00	2.00	1.00	.00	.00
BE30	2.00	2.00	1.00	.00	.00
BE31	2.00	2.00	2.00	1.00	3.00
BE32	2.00	2.00	2.00	1.00	3.00
BE33	2.00	2.00	2.00	1.00	3.00
BE34	2.00	2.00	1.00	.00	.00
BE35	2.00	2.00	1.00	.00	.00
BE36	2.00	2.00	1.00	.00	.00
BE37	2.00	1.00	.00	.00	.00
BE38	2.00	1.00	.00	.00	.00
BE39	2.00	2.00	2.00	1.00	2.00
BE40	2.00	2.00	2.00	1.00	3.00
BE41	2.00	2.00	1.00	.00	.00
BE42	2.00	2.00	1.00	.00	.00
BE43	2.00	2.00	1.00	.00	.00
BE44	2.00	1.00	.00	.00	.00
BE45	2.00	1.00	.00	.00	.00
BE46	2.00	2.00	2.00	1.00	3.00

BE47	2.00	2.00	1.00	.00	.00
BE48	2.00	2.00	1.00	.00	.00
BE49	2.00	2.00	1.00	.00	.00
BE50	2.00	2.00	2.00	1.00	3.00
BE51	2.00	2.00	1.00	.00	.00
BE52	2.00	2.00	2.00	2.00	3.00
BE53	2.00	2.00	1.00	.00	.00
BE54	2.00	1.00	.00	.00	.00
BE55	2.00	2.00	2.00	3.00	3.00
BE56	2.00	1.00	.00	.00	.00
BE57	2.00	2.00	2.00	2.00	3.00
BE58	2.00	2.00	1.00	.00	.00
BE59	2.00	2.00	1.00	.00	.00
BE60	2.00	2.00	1.00	.00	.00
BE61	2.00	2.00	2.00	3.00	3.00
BE62	2.00	1.00	.00	.00	.00
BE63	2.00	2.00	2.00	1.00	3.00
BE64	2.00	2.00	1.00	.00	.00
BE65	2.00	2.00	1.00	.00	.00
BE66	2.00	2.00	2.00	1.00	3.00
BE67	2.00	2.00	1.00	.00	.00
BE68	2.00	2.00	2.00	1.00	3.00
BE69	2.00	2.00	2.00	1.00	3.00
BE70	2.00	2.00	1.00	.00	.00
BE71	2.00	1.00	.00	.00	.00
BE72	2.00	2.00	2.00	1.00	3.00
BE73	2.00	2.00	2.00	1.00	3.00
BE74	2.00	2.00	1.00	.00	.00
BE75	2.00	1.00	.00	.00	.00
BE76	2.00	1.00	.00	.00	.00
BE77	2.00	2.00	2.00	1.00	3.00
BE78	2.00	2.00	1.00	.00	.00
BE79	2.00	2.00	1.00	.00	.00
BE80	2.00	2.00	2.00	1.00	3.00
BE81	2.00	2.00	1.00	.00	.00
BE82	2.00	2.00	2.00	1.00	3.00
BE83	2.00	2.00	1.00	.00	.00
BE84	2.00	2.00	1.00	.00	.00
BE85	2.00	1.00	.00	.00	.00
BE86	2.00	2.00	2.00	2.00	1.00
BE87	2.00	1.00	.00	.00	.00
BE88	2.00	2.00	1.00	.00	.00
BE89	2.00	2.00	2.00	1.00	2.00
BE90	2.00	2.00	2.00	1.00	3.00
BE91	2.00	2.00	1.00	.00	.00
BE92	2.00	2.00	1.00	.00	.00
BE93	2.00	2.00	1.00	.00	.00
BE94	2.00	2.00	1.00	.00	.00
BE95	2.00	2.00	2.00	1.00	3.00
BE96	2.00	1.00	.00	.00	.00
BE97	2.00	2.00	1.00	.00	.00
BE98	2.00	2.00	2.00	3.00	3.00
BE99	2.00	2.00	1.00	.00	.00

BE100	2.00	2.00	1.00	.00	.00
BE101	2.00	2.00	1.00	.00	.00
BE102	2.00	2.00	2.00	2.00	3.00
BE103	2.00	2.00	1.00	.00	.00
BE104	2.00	2.00	1.00	.00	.00
BE105	2.00	1.00	.00	.00	.00
BE106	2.00	1.00	.00	.00	.00
BE107	2.00	2.00	2.00	2.00	3.00
BE108	2.00	2.00	2.00	2.00	1.00
BE109	2.00	2.00	1.00	.00	.00
BE110	2.00	2.00	1.00	.00	.00
BE111	2.00	2.00	1.00	.00	.00
BE112	2.00	2.00	1.00	.00	.00
BE113	2.00	2.00	1.00	.00	.00
BE114	2.00	2.00	1.00	.00	.00
BE115	2.00	2.00	2.00	2.00	3.00
BE116	2.00	1.00	.00	.00	.00
BE117	2.00	2.00	1.00	.00	.00
BE118	2.00	2.00	1.00	.00	.00
BE119	2.00	2.00	1.00	.00	.00
BE120	2.00	2.00	1.00	.00	.00
BE121	2.00	2.00	1.00	.00	.00
BE122	2.00	2.00	2.00	2.00	2.00
BE123	2.00	1.00	.00	.00	.00
BE124	2.00	2.00	1.00	.00	.00
BE125	2.00	2.00	2.00	1.00	3.00
BE126	2.00	2.00	1.00	.00	.00
BE127	2.00	2.00	1.00	.00	.00
BE128	2.00	2.00	1.00	.00	.00
BE129	2.00	2.00	1.00	.00	.00
BE130	2.00	2.00	1.00	.00	.00
BE131	2.00	2.00	2.00	1.00	3.00
BE132	2.00	2.00	1.00	.00	.00
BE133	2.00	2.00	2.00	1.00	3.00
BE134	2.00	1.00	.00	.00	.00
BE135	2.00	1.00	.00	.00	.00
BE136	2.00	2.00	2.00	1.00	2.00
BE137	2.00	2.00	1.00	.00	.00
BE138	2.00	2.00	1.00	.00	.00
BE139	2.00	2.00	1.00	.00	.00
BE140	2.00	2.00	1.00	.00	.00
BE141	2.00	2.00	2.00	1.00	3.00
BE142	2.00	2.00	1.00	.00	.00
BE143	2.00	2.00	2.00	1.00	3.00
BE144	2.00	1.00	.00	.00	.00
BE145	2.00	1.00	.00	.00	.00
BE146	2.00	2.00	1.00	.00	.00
BE147	2.00	2.00	1.00	.00	.00
BE148	2.00	2.00	1.00	.00	.00
BE149	2.00	2.00	1.00	.00	.00
BE150	2.00	2.00	1.00	.00	.00
BE151	2.00	2.00	1.00	.00	.00
BE152	2.00	2.00	2.00	1.00	3.00

BE153	2.00	2.00	1.00	.00	.00
BE154	2.00	1.00	.00	.00	.00
BE155	2.00	2.00	2.00	1.00	3.00
BE156	2.00	2.00	1.00	.00	.00
BE157	2.00	2.00	1.00	.00	.00
BE158	2.00	2.00	1.00	.00	.00
BE159	2.00	2.00	1.00	.00	.00
BE160	2.00	2.00	1.00	.00	.00
BE161	2.00	2.00	2.00	1.00	3.00
BE162	2.00	1.00	.00	.00	.00
BE163	2.00	1.00	.00	.00	.00
BE164	2.00	2.00	1.00	.00	.00
BE165	2.00	2.00	1.00	.00	.00
BE166	2.00	2.00	2.00	1.00	3.00
BE167	2.00	1.00	.00	.00	.00
BE168	2.00	2.00	1.00	.00	.00
BE169	2.00	2.00	2.00	3.00	3.00
BE170	2.00	2.00	1.00	.00	.00
BE171	2.00	2.00	1.00	.00	.00
BE172	2.00	2.00	1.00	.00	.00
BE173	2.00	2.00	1.00	.00	.00
BE174	2.00	1.00	.00	.00	.00
BE175	2.00	2.00	1.00	.00	.00
BE176	2.00	2.00	2.00	1.00	3.00
BE177	2.00	2.00	1.00	.00	00
BE178	2.00	2.00	1.00	.00	.00
BE179	2.00	2.00	1.00	.00	.00
BE180	2.00	2.00	1.00	.00	.00
BE181	2.00	1.00	.00	.00	.00
BE182	2.00	1.00	.00	.00	.00
BE183	2.00	2.00	2.00	1.00	3.00
BE184	2.00	2.00	1.00	.00	.00
BE185	2.00	2.00	1.00	.00	.00
BE186	2.00	2.00	1.00	.00	.00
BE187	2.00	1.00	.00	.00	.00
BE188	2.00	2.00	2.00	2.00	1.00
BE189	2.00	2.00	1.00	.00	.00
BE190	2.00	2.00	1.00	.00	.00
BE191	2.00	2.00	1.00	.00	.00
BE192	2.00	2.00	1.00	.00	.00
BE193	2.00	2.00	2.00	3.00	3.00
BE194	2.00	2.00	1.00	.00	.00
BE195	2.00	1.00	.00	.00	.00
BE196	2.00	1.00	.00	.00	.00
BE197	2.00	2.00	1.00	.00	.00
BE198	2.00	2.00	2.00	1.00	3.00
BE199	2.00	1.00	.00	.00	.00
BE200	2.00	2.00	2.00	1.00	3.00
BE201	2.00	2.00	1.00	.00	.00
BE202	2.00	2.00	1.00	.00	.00
BE203	2.00	2.00	1.00	.00	.00
BE204	2.00	2.00	2.00	3.00	3.00
BE205	2.00	2.00	1.00	.00	.00

BE206	2.00	2.00	2.00	1.00	3.00
BE207	2.00	2.00	1.00	.00	.00
BE208	2.00	2.00	1.00	.00	.00
BE209	2.00	2.00	1.00	.00	.00
BE210	2.00	2.00	1.00	.00	.00

Keterangan:

KODECOL = Kode Eschrichia coli; JE = Isolat dari RP Ilmu Kedokteran Jiwa (RP IKJ), BE = Isolat dari RP Bedah Urologi (RP BU)

KODERP = Kode RP; 1 = RP IKJ, 2 = RP BU

KEBALCOL = Kekebalan Escherichia coli terhadap ampisilin; 1 = Peka, 2 = Kebal

TRANSFOR = Hasil transformasai yang menunjukkan adanya plasmid pengkode kebal ampisilin; 1 = negatif, 2 = positif, 0 = Bakteri peka dan tidak ada uji transformasi

UKURPLA = Kode ukuran plasmid; 1: =< 4.361 bp, 2: >4.361-9.416 bp, 3: >9.416-23.130 bp , 0 = Bakteri peka dan tidak ada uji transformasi

KEBALTRA = Hasil pemeriksaan Escherichia coli transforman terhadap antimikroba acuan;

1 = Kebal terhadap Ampisilin, Eritromisin, Kanamisin, (Sulbenisilin), Trimetoprim

2 = Kebal terhadap Ampisilin, Kloramfenikol, (Sulbenisilin), Trimetoprim

3 = Kebal terhadap Ampisilin, (Sulbenisilin)

0 = Bakteri peka dan tidak ada uji transformasi

Lampiran 6

Perhitungan statistik dengan Program komputer SPSS/PC+ terhadap isolat *Escherichia coli* dari RP IKJ dan RP BU RSUD Dr. Soetomo Surabaya

Parameter yang diuji adalah:
KEBALCOL : Hasil uji kepekaan Escherichia coli sampel
TRANSFOR : Hasil uji transformasi
KEBALTRA: Hasil uji kepekaan bakteri transforman
KODEPLA : Ukuran plasmid dalam skala ordinal

CROSSTABULATION KEBALCOL TRANSFOR KEBALTRA BY KODERP/OPTION 3,4/STATISTIC=1.

***** Given WORKSPACE allows for 11390 Cells with
2 Dimensions for CROSSTAB problem *****

Page 3 SPSS/PC+ 7/2/99

Crosstabulation: KEBALCOL KEKEBALAN E COLI SAMPEL
By KODERP KODE LOKASI/RP

KODERP / KEBALCOL	Count / Row Pct / Col Pct	KED JIWA 1.00	BEDAH UR 2.00	Row Total
PEKA	1.00	39	36	75
		52.0	48.0	17.9
		18.6	17.1	
KEBAL	2.00	171	174	345
		49.6	50.4	82.1
		81.4	82.9	
Column Total		210	210	420
		50.0	50.0	100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
.06493	1	.7989	37.500	None
.14609	1	.7023	(Before Yates Correction)	

Number of Missing Observations = 0

Page 4 SPSS/PC+ 7/2/99

Crosstabulation: TRANSFOR HASIL TRANSFORMASI
By KODERP KODE LOKASI/RP

KODERP / TRANSFOR	Count / Row Pct / Col Pct	KED JIWA 1.00	BEDAH UR 2.00	Row Total
NEGATIF	1.00	143 55.2 83.6	116 44.8 66.7	259 75.1
POSITIF	2.00	28 32.6 16.4	58 67.4 33.3	86 24.9
Column Total		171 49.6	174 50.4	345 100.0

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
12.36396	1	.0004	42.626	None
13.25470	1	.0003	(Before Yates Correction)	

Number of Missing Observations = 75

Page 5 SPSS/PC+ 7/2/99

Crosstabulation: KEBALTRA KEKEBALAN SEL TRANSFORMAN
By KODERP KODE LOKASI/RP

KODERP / KEBALTRA	Count / Row Pct / Col Pct	KED JIWA 1.00	BEDAH UR 2.00	Row Total
Am,Eri,Ka,Sul,Tr	1.00		4 100.0	4 4.7
Am,Klo,Sul,Tri	2.00	3 33.3 10.7	6 66.7 10.3	9 10.5
Am,Sul	3.00	25 34.2 89.3	48 65.8 82.8	73 84.9
Column Total		28 32.6	58 67.4	86 100.0

Page 6 SPSS/PC+ 7/2/99

Chi-Square	D.F.	Significance	Min E.F.	Cells with E.F.< 5
2.02827	2	.3627	1.302	3 OF 6 (50.0%)

Number of Missing Observations = 334

Page 7 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:38

NPAR TEST MANN-WHITNEY KODEPLA BY KODERP (1,2).

***** WORKSPACE allows for 10998 cases for NPAR TESTS *****

Page 8 SPSS/PC+ 7/2/99

- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

KODEPLA KODE UKURAN PLASMID
by KODERP KODE LOKASI/RP

Mean Rank	Cases	
33.50	28	KODERP = 1.00 KED JIWA
48.33	58	KODERP = 2.00 BEDAH UROL

	86	Total

Corrected for Ties			
U	W	Z	2-tailed P
532.0	938.0	-3.4956	.0005

Page 9 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:39

PROCESS IF (KODERP=1).
FREQUENCY KEBALCOL TRANSFOR KEBALTRA KODEPLA.

***** Memory allows a total of 15532 Values, accumulated across all Variables.
There also may be up to 1941 Value Labels for each Variable.

Page 10 SPSS/PC+ 7/2/99

KEBALCOL KEKEBALAN E COLI SAMPEL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
PEKA	1.00	39	18.6	18.6	18.6
KEBAL	2.00	171	81.4	81.4	100.0
TOTAL		210	100.0	100.0	

Valid Cases 210 Missing Cases 0

Page 11 SPSS/PC+ 7/2/99

TRANSFOR HASIL TRANSFORMASI

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
NEGATIF	1.00	143	68.1	83.6	83.6
POSITIF	2.00	28	13.3	16.4	100.0
	.00	39	18.6	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 171 Missing Cases 39

Page 12 SPSS/PC+ 7/2/99

KEBALTRA KEKEBALAN SEL TRANSFORMAN

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Am,Klo,Sul,Tri	2.00	3	1.4	10.7	10.7
Am,Sul	3.00	25	11.9	89.3	100.0
	.00	182	86.7	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 28 Missing Cases 182

Page 13 SPSS/PC+ 7/2/99

KODEPLA KODE UKURAN PLASMID

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
=<4.361 BP	1.00	28	13.3	100.0	100.0
	.00	182	86.7	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 28 Missing Cases 182

Page 14 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:50

PROCESS IF (KODERP=2).
FREQUENCY KEBALCOL TRANSFOR KEBALTRA KODEPLA.

***** Memory allows a total of 15532 Values, accumulated across all Variables.
There also may be up to 1941 Value Labels for each Variable.

Page 15 SPSS/PC+ 7/2/99

KEBALCOL KEKEBALAN E COLI SAMPEL

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
PEKA	1.00	36	17.1	17.1	17.1
KEBAL	2.00	174	82.9	82.9	100.0
TOTAL		210	100.0	100.0	

Valid Cases 210 Missing Cases 0

Page 16 SPSS/PC+ 7/2/99

TRANSFOR HASIL TRANSFORMASI

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
NEGATIF	1.00	116	55.2	66.7	66.7
POSITIF	2.00	58	27.6	33.3	100.0
	.00	36	17.1	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 174 Missing Cases 36

Page 17 SPSS/PC+ 7/2/99

KEBALTRA KEKEBALAN SEL TRANSFORMAN

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
Am,Eri,Ka,Sul,Tri	1.00	4	1.9	6.9	6.9
Am,Klo,Sul,Tri	2.00	6	2.9	10.3	17.2
Am,Sul	3.00	48	22.9	82.8	100.0
	.00	152	72.4	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 58 Missing Cases 152

Page 18 SPSS/PC+ 7/2/99

KODEPLA KODE UKURAN PLASMID

Value Label	Value	Frequency	Percent	Valid Percent	Cum Percent
=<4.361 BP	1.00	38	18.1	65.5	65.5
>4.361-9.416 BP	2.00	10	4.8	17.2	82.8
>9.416-23.130 BP	3.00	10	4.8	17.2	100.0
	.00	152	72.4	MISSING	
TOTAL		210	100.0	100.0	

Valid Cases 58 Missing Cases 152

Page 19 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:54

RECODE KEBALTRA (1=4)(2=3)(3=1).
PROCESS IF (TRANSFOR=2).
LIST VARIABLE KODECOL KODERP KODEPLA KEBALTRA.

The raw data or transformation pass is proceeding
420 cases are written to the uncompressed active file.

Page 20 SPSS/PC+ 7/2/99

KODECOL	KODERP	KODEPLA	KEBALTRA
JE1	1.00	1.00	1.00
JE6	1.00	1.00	1.00
JE15	1.00	1.00	1.00
JE17	1.00	1.00	1.00
JE20	1.00	1.00	1.00
JE26	1.00	1.00	1.00
JE29	1.00	1.00	1.00
JE34	1.00	1.00	1.00
JE44	1.00	1.00	1.00
JE55	1.00	1.00	3.00
JE61	1.00	1.00	1.00
JE68	1.00	1.00	1.00
JE77	1.00	1.00	1.00
JE86	1.00	1.00	1.00
JE100	1.00	1.00	1.00
JE106	1.00	1.00	1.00
JE114	1.00	1.00	1.00
JE122	1.00	1.00	1.00
JE129	1.00	1.00	1.00
JE133	1.00	1.00	3.00
JE140	1.00	1.00	1.00
JE147	1.00	1.00	3.00
JE158	1.00	1.00	1.00
JE168	1.00	1.00	1.00
JE185	1.00	1.00	1.00
JE191	1.00	1.00	1.00
JE196	1.00	1.00	1.00
JE206	1.00	1.00	1.00

BE5	2.00	1.00	3.00
BE6	2.00	3.00	1.00
BE10	2.00	1.00	3.00
BE14	2.00	2.00	4.00
BE16	2.00	1.00	1.00
BE18	2.00	3.00	1.00
BE22	2.00	3.00	1.00
BE27	2.00	3.00	1.00
BE28	2.00	1.00	1.00
BE31	2.00	1.00	1.00
BE32	2.00	1.00	1.00
BE33	2.00	1.00	1.00
BE39	2.00	1.00	3.00
BE40	2.00	1.00	1.00
BE46	2.00	1.00	1.00
BE50	2.00	1.00	1.00
BE52	2.00	2.00	1.00
BE55	2.00	3.00	1.00
BE57	2.00	2.00	1.00
BE61	2.00	1.00	1.00
BE63	2.00	1.00	1.00
BE66	2.00	1.00	1.00
BE68	2.00	1.00	1.00
BE69	2.00	1.00	1.00
BE72	2.00	1.00	1.00
BE73	2.00	1.00	1.00
BE77	2.00	1.00	1.00
BE80	2.00	1.00	1.00
BE82	2.00	1.00	1.00
BE86	2.00	4.00	4.00
BE89	2.00	3.00	3.00
BE90	2.00	1.00	1.00
BE95	2.00	1.00	1.00
BE98	2.00	1.00	1.00
BE102	2.00	1.00	1.00
BE107	2.00	2.00	1.00
BE108	2.00	2.00	4.00
BE115	2.00	2.00	1.00
BE122	2.00	2.00	3.00
BE125	2.00	1.00	1.00
BE131	2.00	1.00	1.00
BE133	2.00	1.00	1.00
BE136	2.00	1.00	3.00
BE141	2.00	1.00	1.00
BE143	2.00	1.00	1.00

BE152	2.00	1.00	1.00
BE155	2.00	1.00	1.00
BE161	2.00	1.00	1.00
BE166	2.00	1.00	1.00
BE169	2.00	3.00	1.00
BE176	2.00	1.00	1.00
BE183	2.00	1.00	1.00
BE188	2.00	2.00	4.00
BE193	2.00	3.00	1.00
BE198	2.00	1.00	1.00
BE200	2.00	1.00	1.00
BE204	2.00	3.00	1.00
BE206	2.00	1.00	1.00

Number of cases read = 86 Number of cases listed = 86

Page 25 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:57

PROCESS IF (KODERP=1).

NPAR TEST KOLMOGOROV-SMIRNOV (NORMAL) = KEBALTRA.

***** WORKSPACE allows for 18762 cases for NPAR TESTS *****

Page 26 SPSS/PC+ 7/2/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test

KEBALTRA KEKEBALAN SEL TRANSFORMAN

Test Distribution - Normal Mean: 1.2143

Standard Deviation: .6299

Cases: 28

Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.52599	.52599	-.36686	2.783	.000

Page 27 SPSS/PC+ 7/2/99

This procedure was completed at 13:02:58

PROCESS IF (KODERP=2).
NPAR TEST KOLMOGOROV-SMIRNOV (NORMAL) = KEBALTRA.

***** WORKSPACE allows for 18762 cases for NPAR TESTS *****

Page 28 SPSS/PC+ 7/2/99

- - - - - Kolmogorov - Smirnov Goodness of Fit Test
KEBALTRA KEKEBALAN SEL TRANSFORMAN

Test Distribution - Normal Mean: 1.4138
Standard Deviation: .9372

Cases: 58
Most Extreme Differences

Absolute	Positive	Negative	K-S Z	2-tailed P
.49816	.49816	-.32942	3.794	.000

Page 29 SPSS/PC+ 7/2/99

PROCESS IF (TRANSFOR=2).
NPAR TEST MANN-WHITNEY KEBALTRA BY KODERP (1,2).

***** WORKSPACE allows for 10998 cases for NPAR TESTS *****

Page 30 SPSS/PC+ 7/2/99
- - - - - Mann-Whitney U - Wilcoxon Rank Sum W Test

KEBALTRA KEKEBALAN SEL TRANSFORMAN
by KODERP KODE LOKASI/RP

Mean Rank	Cases	
41.39	28	KODERP = 1.00 KED JIWA
44.52	58	KODERP = 2.00 BEDAH UROL
	--	
	86	Total

Corrected for Ties

U	W	Z	2-tailed P
753.0	1159.0	-.8738	**.3822**

Page 31 SPSS/PC+ 7/2/99

This procedure was completed at 13:03:00

PROCESS IF (TRANSFOR=2).
CORRELATION KODEPLA KEBALTRA.

Page 32 SPSS/PC+ 7/2/99

Correlations: KODEPLA KEBALTRA

KODEPLA	1.0000	.0717
KEBALTRA	.0717	1.0000

N of cases: 86 1-tailed Signif: * - .01 ** - .001

" . " is printed if a coefficient cannot be computed

Page 33 SPSS/PC+ 7/2/99

This procedure was completed at 13:03:01

Keterangan KODERP = Kode Ruang Perawatan (Lokasi Penelitian);
1 = RP IKJ, 2 = RP BU