

LAMPIRAN 1
KUESIONER PRA SURVEY

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Menurut Anda hal-hal apa yang anda pertimbangkan dalam mengambil keputusan melakukan pembelian di suatu apotek? pilih faktor yang paling mempengaruhi anda dalam mengambil keputusan dalam memilih apotek!

| VARIABEL YANG DIPERTIMBANGKAN | JUMLAH |
|---|--------|
| Keterjangkauan harga | |
| Kesesuaian harga | |
| Kelengkapan produk obat | |
| Kelengkapan produk kesehatan selain obat | |
| Lokasi yang strategis | |
| Lokasi yang mudah dijangkau | |
| Cara melayani | |
| Komunikasi karyawan | |
| Pengetahuan karyawan | |
| Kemampuan menjelaskan | |
| Ketepatan pelayanan | |
| Kecepatan Pelayanan | |
| Kenyamanan apotek | |
| Fasilitas apotek | |
| Perlengkapan Karyawan | |
| TOTAL | |

LAMPIRAN 2
KUESIONER PENELITIAN

KUESIONER PENELITIAN

Kepada Bapak/Ibu/Saudara/I yang terhormat, saya mohon bantuan anda untuk mengisi kuesioner dengan memberi tanda silang (X) pada tempat yang tersedia sesuai dengan pendapat anda. Kuesioner ini berusaha untuk mengumpulkan data tentang **faktor-faktor apa yang mempengaruhi anda dalam memilih apotek sebagai sarana membeli obat**. Kesanggupan dan kejujuran anda dalam mengisi kuesioner ini akan sangat membantu keberhasilan penelitian ini. Atas waktu dan kesediaannya, saya ucapkan banyak terimakasih.

Identitas Responden

Nama :
Alamat :
Jenis kelamin :
Usia :
Pekerjaan :

Nomor Responden :

| NO | Keterangan | SS | S | N | TS | STS |
|----|---|----|---|---|----|-----|
| 1 | Harga obat yang ditawarkan di apotek tersebut masih terjangkau | | | | | |
| 2 | Harga obat yang ditawarkan di apotek tersebut sesuai dengan tingkat harga yang berlaku | | | | | |
| 3 | Obat yang dijual di apotek tersebut lengkap dan bervariasi | | | | | |
| 4 | Apakah produk kesehatan selain obat yang dijual di apotek tersebut lengkap dan bervariasi | | | | | |
| 5 | Lokasi apotek tersebut termasuk lokasi yang strategis | | | | | |
| 6 | Lokasi apotek tersebut mudah dijangkau oleh konsumen | | | | | |
| 7 | Karyawan melayani konsumen dengan ramah dan sopan | | | | | |
| 8 | Karyawan bersifat komunikatif dalam melayani konsumen | | | | | |
| 9 | Karyawan memiliki pengetahuan mengenai produk-produk obat yang ditawarkan | | | | | |

| | | | | | | |
|----|---|--|--|--|--|--|
| 10 | Karyawan mampu menjawab dan menjelaskan dengan baik setiap pertanyaan konsumen mengenai produk obat yang ditawarkan | | | | | |
| 11 | Produk obat yang diberikan oleh karyawan sesuai dengan permintaan anda | | | | | |
| 12 | Karyawan mampu melayani konsumen dengan cepat | | | | | |
| 13 | Apotek tersebut memiliki ruang tunggu yang nyaman dan bersih | | | | | |
| 14 | Perlengkapan yang dimiliki oleh apotek tersebut cukup memadai atau menunjang kenyamanan (AC, Televisi, dispenser air minum) | | | | | |
| 15 | Karyawan apotek mengenakan seragam atau pakaian yang rapi dan menarik | | | | | |

LAMPIRAN 3
DATA RESPONDEN

DATA RESPONDEN

| No | Nama | Alamat | Jenis kelamin | Usia | Pekerjaan |
|----|-----------------|------------------------------|---------------|------|----------------|
| 1 | AG.Istawan | Kanalsari timur IV/29 | P | 48 | Wiraswasta |
| 2 | Al Rosyit | Sekar jagad IV/6 | P | 42 | Wiraswasta |
| 3 | Amirah | Pedurungan kidul II/44 | W | 24 | Swasta |
| 4 | Andriyanto | Purwosari Raya 103 | P | 41 | Wiraswasta |
| 5 | Aning | Bugangan V/2 | W | 24 | Wiraswasta |
| 6 | Ardy | Sekar jagad IV/3 | P | 27 | Swasta |
| 7 | Arif | Kanal sari Barat IV/51 | P | 21 | Mahasiswa |
| 8 | Bambang | Gemah rt 1 / rw 2 | P | 19 | Mahasiswa |
| 9 | Bardono | Serayu I/62 | P | 26 | Wiraswasta |
| 10 | Benny Kurniawan | Tirtoyoso batas 42 | P | 40 | Wirawasta |
| 11 | Bintoro | Tambak Dalem 21 | P | 27 | Swasta |
| 12 | Brian | Tlogosari raya II/46 a | P | 27 | Swasta |
| 13 | Budi Nugroho | Sinar Pelita I/5 | P | 32 | Swasta |
| 14 | Budi Sandy W | Serayu I/54 | P | 24 | Mahasiswa |
| 15 | Darmanto | Rejosari VIII/27 | P | 40 | Pegawai negeri |
| 16 | Darmo suwito | Pedurungan kidul rt 5 / rw 2 | P | 42 | Wiraswasta |
| 17 | Deddy | Hawa II/1 | P | 31 | Wiraswasta |
| 18 | Dimas | Krakatau V/3 | P | 21 | Swasta |
| 19 | Djoko | Gemah Raya III/10 | P | 37 | Wiraswasta |
| 20 | Domas | Sekar jagad IV/5 | P | 35 | Swasta |
| 21 | Dwi suprihanto | Zebra mukti I no 54 | W | 32 | Wiraswasta |
| 22 | Eddy Waskito | Taman sekar jagad 1 | P | 25 | Wiraswasta |
| 23 | Edi heriyanto | Pedurungan tengah VII/12 | P | 24 | Swasta |
| 24 | Edy Purwanto | Lamay III/10 | P | 32 | Swasta |
| 25 | Elham yamin | Rejosari I gumuk B no 9 | P | 50 | Swasta |
| 26 | Erna | Zebra mukti selatan I/53 | W | 14 | Pelajar |
| 27 | Evi | Pancakarya Blok 34/5 | W | 19 | Mahasiswa |
| 28 | Fandy | Medoho permai I/1 | P | 30 | Swasta |
| 29 | Feny | Soekarno Hatta | W | 18 | Mahasiswa |
| 30 | FX.Santoso | Rejosari I/13 | P | 41 | Wiraswasta |
| 31 | Gatot | Sekar jagad IV/17 | P | 30 | Swasta |

| | | | | | |
|----|------------------|-------------------------------------|---|----|------------|
| 32 | Gatot P | Taman sekar jagad 3 | P | 30 | Swasta |
| 33 | Gunarno | Gemah timur raya 2 | P | 38 | Swasta |
| 34 | Hari kusmianto | Zebra mukti selatan I/55 | P | 24 | Swasta |
| 35 | Harry | Tlogosari raya 44 | P | 26 | Swasta |
| 36 | Hartoko | Rejosari I gumuk B no 5 | P | 45 | Wiraswasta |
| 37 | Hendi Hermawan | Kanal sari barat VI/7 | P | 27 | Swasta |
| 38 | Ina | Plamongan permai 583 | W | 16 | Pelajar |
| 39 | Ina | Rejomulyo I/12 | W | 21 | Swasta |
| 40 | Iswan | Cilosari 175 | P | 25 | Wiraswasta |
| 41 | Jiang | Udan riris III/42 | P | 30 | Wiraswasta |
| 42 | Kasmi | Pedurungan kidul rt 2 / rw 2 | W | 24 | Wiraswasta |
| 43 | Kristianto | Kanal sari timur VII/25 | P | 19 | Mahasiswa |
| 44 | Lilik | Sekar jagad IV/4 | P | 32 | Swasta |
| 45 | Lukas | Parang baris III/10 | P | 29 | Swasta |
| 46 | Lyne P | Suburan 43 | W | 25 | Swasta |
| 47 | M.Kartika A | Serayu IV/8 | W | 20 | Mahasiswa |
| 48 | Made | Sekar jagad IV/1 | P | 34 | Swasta |
| 49 | Marno | Pedurungan kidul Tanggul asri | P | 25 | Swasta |
| 50 | Martarina | Rejosari I gumuk B no 8 | W | 43 | Swasta |
| 51 | Martin G | Sekar jagad IV/6 | P | 40 | Wiraswasta |
| 52 | Memet | Halmahera Raya no 1 | P | 31 | Swasta |
| 53 | Ny. Alex | Udan riris III/32 | W | 36 | Lain-lain |
| 54 | Ny.Lian | Sekar jagad I/1 | W | 40 | Lain-lain |
| 55 | Olga | Tlogosari Raya II/10 | W | 23 | Mahasiswa |
| 56 | Ony Listiono | Rejosari Tengah II/3 | W | 37 | Lain-lain |
| 57 | Purnomo | Udan riris II/15 | P | 30 | Swasta |
| 58 | Purwanto | Udan riris III/46 | P | 28 | Swasta |
| 59 | Putut | Sekar jagad IV/18 | P | 32 | Wiraswasta |
| 60 | R.Agus Kurniawan | Rejosari I gumuk A no 11 | P | 20 | Mahasiswa |
| 61 | Reni | Pedurungan kidul 40 | W | 18 | Mahasiswa |
| 62 | Rifki Manuwijaya | Kanal sari barat IV/53 | P | 26 | Swasta |
| 63 | Robby | Pedurungan kidul perum korpri no 40 | P | 17 | Pelajar |
| 64 | Rostam Effendi | Rejosari I / 6a | P | 50 | Lain-lain |
| 65 | Rusianti | Pedurungan kidul 72 | W | 32 | Wiraswasta |
| 66 | Sanusi | Sekar jagad IV/7 | P | 40 | Wiraswasta |
| 67 | Sarjono | Sekar jagad IV/15 | P | 26 | Swasta |
| 68 | Slamet | Udan riris III/45 | P | 26 | Swasta |

| | | | | | |
|-----|-------------------|----------------------------|---|----|------------|
| 69 | Soedarsono | Bintoro raya 52 | P | 50 | Lain-lain |
| 70 | Sri isminartun | Zebra mukti selatan I/52 | W | 26 | Swasta |
| 71 | Sri mulyati | Pedurungan kidul II/44 | W | 32 | Lain-lain |
| 72 | Stella Y | Turangga tengah II/536 | W | 20 | Mahasiswa |
| 73 | Sumali | Pedurungan kidul 46 | P | 23 | Mahasiswa |
| 74 | Suryono | Sekar Jagad IV/12 | P | 36 | Swasta |
| 75 | Sus | Udan riris III/39 | P | 27 | Wiraswasta |
| 76 | Sutarno | Sekar jagad IV/13 | P | 27 | Wiraswasta |
| 77 | Sutatmo | Sido luhur 50 | P | 31 | Wiraswasta |
| 78 | Suyono | Sekar jagad IV/16 | P | 34 | Wiraswasta |
| 79 | Swabowo | Zebra mukti selatan I/47 | P | 17 | Pelajar |
| 80 | Tan un Yap | Udan riris I/17 | P | 41 | Wiraswasta |
| 81 | Tari purwaningsih | Pedurungan kidul III/27 | W | 16 | Pelajar |
| 82 | Teguh W | Gebang anom | P | 22 | Swasta |
| 83 | Tirta | Taman sekar jagad 2 | P | 30 | Swasta |
| 84 | Tjiptadi | Tirtoyoso II | P | 48 | Swasta |
| 85 | Tommy Y | Sidodrajat IX/15 | P | 25 | Swasta |
| 86 | Tri Hardjono | Rejosari I gumuk A no 11 | P | 50 | Swasta |
| 87 | Vera | Musi | W | 20 | Mahasiswa |
| 88 | Vicky | SLE lang raya 32 | W | 23 | Mahasiswa |
| 89 | Wahyu | Karang tempel Perbalan 943 | P | 22 | Swasta |
| 90 | Warsito | Seruni VII/15 | P | 30 | Wiraswasta |
| 91 | Williem Macare | Purwosari Raya 52 | P | 32 | Wiraswasta |
| 92 | Wito | Taman sekar jagad 8 | P | 36 | Swasta |
| 93 | Wiwit | Pedurungan kidul II/9 | W | 24 | Mahasiswa |
| 94 | Y.Adi Wijaya | Kanal sari barat IV/51 | P | 20 | Mahasiswa |
| 95 | Yanto | Pasar udan riris | P | 30 | Wiraswasta |
| 96 | Yenny | Kp.Utri no 5 | W | 24 | Mahasiswa |
| 97 | Yosodiharjo | Cilosari 558 | P | 41 | Lain-lain |
| 98 | Yulimanto | Satrio wibowo I/8 | P | 42 | Swasta |
| 99 | Yung Pangka | Tirtoyoso batas 91 | P | 30 | Wiraswasta |
| 100 | Zaini | Taman sekar jagad 5 | P | 38 | Wiraswasta |

LAMPIRAN 4
TABULASI DATA

LAMPIRAN 5

VALIDITAS DAN RELIABILITAS

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item- Total Correlation | Alpha if Item Deleted |
|-----|-------------------------------------|---|--|-----------------------------|
| X01 | 58.3333 | 44.7126 | .4308 | .8717 |
| X02 | 58.3667 | 44.2402 | .4514 | .8709 |
| X03 | 58.3333 | 44.5057 | .3755 | .8741 |
| X04 | 58.7000 | 42.2862 | .5033 | .8690 |
| X05 | 58.4000 | 43.5586 | .5456 | .8673 |
| X06 | 58.6333 | 41.0678 | .6225 | .8628 |
| X07 | 58.4667 | 41.9126 | .6172 | .8635 |
| X08 | 58.4667 | 44.2575 | .4005 | .8731 |
| X09 | 58.5000 | 41.7069 | .6105 | .8636 |
| X10 | 58.5333 | 41.4989 | .5716 | .8655 |
| X11 | 58.4333 | 44.6678 | .4200 | .8721 |
| X12 | 58.6000 | 40.3862 | .6388 | .8619 |
| X13 | 58.5000 | 39.7069 | .7776 | .8547 |
| X14 | 58.7667 | 41.1506 | .5041 | .8702 |
| X15 | 58.3000 | 44.7000 | .4252 | .8719 |

Reliability Coefficients

N of Cases = 30.0

N of Items = 15

Alpha = .8754

RELIABILITY ANALYSIS - SCALE (ALPHA)

Item-total Statistics

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item- Total Correlation | Alpha if Item Deleted |
|-----|-------------------------------------|---|--|-----------------------------|
| X01 | 59.6500 | 20.7753 | .3469 | .7388 |
| X02 | 59.7200 | 20.6885 | .3313 | .7401 |
| X03 | 59.7400 | 20.6388 | .3234 | .7408 |
| X04 | 59.8100 | 19.8726 | .4211 | .7311 |
| X05 | 59.7400 | 20.2347 | .4065 | .7330 |
| X06 | 59.8600 | 19.7176 | .4700 | .7264 |
| X07 | 59.7200 | 20.2440 | .3984 | .7337 |
| X08 | 59.7300 | 20.9264 | .2917 | .7436 |
| X09 | 59.6600 | 20.2873 | .3344 | .7401 |
| X10 | 59.6800 | 20.4622 | .3192 | .7415 |
| X11 | 59.7200 | 21.5168 | .2127 | .7500 |
| X12 | 59.7100 | 19.7635 | .4419 | .7290 |
| X13 | 59.6300 | 19.8112 | .4523 | .7282 |
| X14 | 59.7600 | 20.1842 | .3183 | .7424 |
| X15 | 59.5900 | 21.4161 | .2100 | .7508 |

Reliability Coefficients

N of Cases = 100.0

N of Items = 15

Alpha = .7513

LAMPIRAN 6
ANALISIS FAKTOR

RONNY BUDIWARDOYO

| No | X01 | X02 | X03 | X04 | X05 | X06 | X07 | X08 | X09 | X10 | X11 | X12 | X13 | X14 | X15 | Total |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 1 | 5 | 5 | 3 | 3 | 5 | 5 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 4 | 65 |
| 2 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 3 | 4 | 5 | 5 | 4 | 63 |
| 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 60 |
| 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 67 |
| 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 4 | 5 | 4 | 5 | 66 |
| 6 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 68 |
| 7 | 4 | 4 | 4 | 3 | 4 | 3 | 3 | 2 | 3 | 3 | 4 | 3 | 3 | 3 | 3 | 49 |
| 8 | 3 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 3 | 4 | 55 |
| 9 | 4 | 3 | 5 | 4 | 4 | 3 | 3 | 4 | 3 | 4 | 3 | 3 | 3 | 4 | 4 | 54 |
| 10 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 69 |
| 11 | 4 | 3 | 4 | 3 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 54 |
| 12 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 72 |
| 13 | 4 | 4 | 4 | 2 | 4 | 3 | 3 | 4 | 2 | 2 | 4 | 2 | 3 | 1 | 5 | 47 |
| 14 | 4 | 4 | 3 | 2 | 5 | 5 | 4 | 4 | 4 | 3 | 5 | 3 | 4 | 4 | 4 | 58 |
| 15 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 3 | 5 | 5 | 4 | 4 | 4 | 66 |
| 16 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 3 | 4 | 65 |
| 17 | 5 | 5 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 2 | 2 | 3 | 53 |
| 18 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 65 |
| 19 | 4 | 4 | 4 | 4 | 3 | 3 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 2 | 4 | 55 |
| 20 | 5 | 5 | 5 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3 | 5 | 4 | 4 | 69 |
| 21 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 4 | 4 | 5 | 61 |
| 22 | 4 | 3 | 4 | 4 | 3 | 3 | 3 | 5 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 58 |
| 23 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 5 | 5 | 4 | 4 | 4 | 63 |
| 24 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 70 |
| 25 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 75 |
| 26 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 68 |
| 27 | 3 | 4 | 5 | 5 | 4 | 3 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 63 |
| 28 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 69 |
| 29 | 4 | 5 | 4 | 5 | 4 | 3 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 65 |
| 30 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 68 |
| 31 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 3 | 66 |
| 32 | 3 | 3 | 3 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 5 | 4 | 62 |
| 33 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 69 |
| 34 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 63 |
| 35 | 3 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 58 |
| 36 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 62 |
| 37 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 64 |
| 38 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 66 |

RONNY BUDIWARDOYO

| No | X01 | X02 | X03 | X04 | X05 | X06 | X07 | X08 | X09 | X10 | X11 | X12 | X13 | X14 | X15 | Total |
|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 39 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 61 |
| 40 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 5 | 69 |
| 41 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 67 |
| 42 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 65 |
| 43 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 68 |
| 44 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 67 |
| 45 | 5 | 5 | 4 | 4 | 3 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 64 |
| 46 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 67 |
| 47 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 67 |
| 48 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 5 | 61 |
| 49 | 4 | 4 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 63 |
| 50 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 63 |
| 51 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 68 |
| 52 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 65 |
| 53 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 68 |
| 54 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 66 |
| 55 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 68 |
| 56 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 61 |
| 57 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 69 |
| 58 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 66 |
| 59 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 68 |
| 60 | 4 | 4 | 4 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 3 | 59 |
| 61 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 65 |
| 62 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 61 |
| 63 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 3 | 4 | 62 |
| 64 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 3 | 2 | 3 | 3 | 4 | 4 | 5 | 5 | 54 |
| 65 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 67 |
| 66 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 66 |
| 67 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 68 |
| 68 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 66 |
| 69 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 69 |
| 70 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 63 |
| 71 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 67 |
| 72 | 3 | 3 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 4 | 62 |
| 73 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 4 | 59 |
| 74 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 69 |
| 75 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 67 |
| 76 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 68 |

RONNY BUDIWARDOYO

| No | X01 | X02 | X03 | X04 | X05 | X06 | X07 | X08 | X09 | X10 | X11 | X12 | X13 | X14 | X15 | Total |
|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| 77 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 68 |
| 78 | 4 | 3 | 5 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 4 | 3 | 3 | 4 | 4 | 59 |
| 79 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 68 |
| 80 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 65 |
| 81 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 66 |
| 82 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 70 |
| 83 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 65 |
| 84 | 3 | 4 | 3 | 3 | 4 | 3 | 4 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 58 |
| 85 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 3 | 3 | 3 | 3 | 61 |
| 86 | 4 | 3 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 62 |
| 87 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 3 | 4 | 5 | 5 | 4 | 62 |
| 88 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 5 | 4 | 4 | 63 |
| 89 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 3 | 4 | 4 | 3 | 5 | 5 | 3 | 64 |
| 90 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 65 |
| 91 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 3 | 3 | 4 | 4 | 5 | 5 | 5 | 66 |
| 92 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 66 |
| 93 | 3 | 4 | 4 | 5 | 3 | 4 | 4 | 4 | 5 | 3 | 3 | 4 | 4 | 4 | 5 | 59 |
| 94 | 5 | 5 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 5 | 5 | 5 | 4 | 3 | 5 | 63 |
| 95 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 3 | 3 | 4 | 4 | 5 | 5 | 65 |
| 96 | 5 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 63 |
| 97 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 64 |
| 98 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 5 | 67 |
| 99 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 68 |
| 100 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 3 | 3 | 58 |

- - - - - F A C T O R A N A L Y S I S - - - - -

Analysis number 1 Listwise deletion of cases with missing values

Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 | X06 | X07 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X01 | 1.00000 | | | | | | |
| X02 | .55507 | 1.00000 | | | | | |
| X03 | .42733 | .32215 | 1.00000 | | | | |
| X04 | .00917 | .18874 | .42308 | 1.00000 | | | |
| X05 | .30931 | .16197 | .12122 | .17215 | 1.00000 | | |
| X06 | .29363 | .22547 | .13485 | .18550 | .52134 | 1.00000 | |
| X07 | .03594 | .14777 | .22315 | .16284 | .18158 | .33163 | 1.00000 |
| X08 | -.08472 | .08538 | .18842 | .23789 | .02410 | .04592 | .48837 |
| X09 | .03268 | -.02803 | .06808 | .20346 | .11164 | .08315 | .30448 |
| X10 | .11884 | .13519 | .01684 | .21562 | .16805 | .13134 | .00426 |
| X11 | .06784 | .05876 | .01925 | .01380 | .20113 | .16985 | .13424 |
| X12 | .19095 | .22042 | .16036 | .26869 | .09864 | .30680 | .32311 |
| X13 | .25434 | .29379 | .07916 | .20764 | .17103 | .33866 | .26468 |
| X14 | .03703 | -.07407 | -.04383 | .27565 | .23059 | .28784 | .02489 |
| X15 | .10896 | -.00346 | .08676 | .16505 | .23514 | .03067 | .02073 |

| | X08 | X09 | X10 | X11 | X12 | X13 | X14 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X08 | 1.00000 | | | | | | |
| X09 | .40594 | 1.00000 | | | | | |
| X10 | .07677 | .42779 | 1.00000 | | | | |
| X11 | .11875 | .10752 | .28778 | 1.00000 | | | |
| X12 | .09443 | .06500 | .15690 | .31012 | 1.00000 | | |
| X13 | .14319 | .11569 | .13312 | .04681 | .40554 | 1.00000 | |
| X14 | .03005 | .12138 | .27574 | -.08013 | .23686 | .39834 | 1.00000 |
| X15 | .08071 | .20584 | -.05994 | -.00374 | .07802 | .07767 | .35312 |

| | X15 |
|-----|---------|
| X15 | 1.00000 |

- - - - - F A C T O R A N A L Y S I S - - - - -

Inverse of Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|---------|---------|---------|---------|
| X01 | 2.22322 | | | | |
| X02 | -.93118 | 1.80086 | | | |
| X03 | -.93683 | .07412 | 1.79850 | | |
| X04 | .72095 | -.34035 | -.85527 | 1.72877 | |
| X05 | -.38602 | .07457 | .12918 | -.21098 | 1.64978 |
| X06 | -.21011 | -.09986 | .05480 | -.08599 | -.71839 |
| X07 | .34258 | -.11396 | -.31169 | .22964 | -.18563 |
| X08 | .28805 | -.21434 | -.18100 | -.14594 | .06632 |
| X09 | -.25687 | .40001 | .15801 | -.16616 | .08862 |
| X10 | -.05439 | -.35040 | .07417 | -.18351 | -.13593 |
| X11 | .05148 | .13509 | .02239 | .15464 | -.24707 |
| X12 | -.17713 | -.05466 | .03776 | -.31092 | .31599 |
| X13 | -.23447 | -.33012 | .19294 | -.06835 | .05049 |
| X14 | -.02929 | .52259 | .21476 | -.28206 | -.05622 |
| X15 | -.12413 | -.09485 | -.04529 | -.07865 | -.33750 |

| | X06 | X07 | X08 | X09 | X10 |
|-----|---------|---------|---------|---------|---------|
| X06 | 1.79076 | | | | |
| X07 | -.41279 | 1.80911 | | | |
| X08 | .17463 | -.63139 | 1.62250 | | |
| X09 | -.04087 | -.39183 | -.49806 | 1.78063 | |
| X10 | .14924 | .26873 | .15755 | -.88687 | 1.81003 |
| X11 | -.12089 | .04617 | -.20467 | .14364 | -.50494 |
| X12 | -.15190 | -.43493 | .18191 | .13678 | -.02234 |
| X13 | -.11912 | -.17766 | -.08846 | -.09716 | .14807 |
| X14 | -.39273 | .14836 | -.10333 | .31749 | -.67486 |
| X15 | .31714 | .11346 | .00922 | -.46255 | .55537 |

| | X11 | X12 | X13 | X14 | X15 |
|-----|---------|---------|---------|---------|---------|
| X11 | 1.38921 | | | | |
| X12 | -.48711 | 1.60047 | | | |
| X13 | .02903 | -.34440 | 1.60329 | | |
| X14 | .44672 | -.20186 | -.60082 | 1.95953 | |
| X15 | -.13187 | -.06631 | .16504 | -.67022 | 1.45367 |

Kaiser-Meyer-Olkin Measure of Sampling Adequacy = .57239

Bartlett Test of Sphericity = 395.48857, Significance = .00000

- - - - - F A C T O R A N A L Y S I S - - - - -

Anti-image Covariance Matrix:

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|---------|---------|---------|---------|
| X01 | .44980 | | | | |
| X02 | -.23258 | .55529 | | | |
| X03 | -.23430 | .02288 | .55602 | | |
| X04 | .18758 | -.10932 | -.27508 | .57845 | |
| X05 | -.10525 | .02510 | .04354 | -.07397 | .60614 |
| X06 | -.05277 | -.03096 | .01702 | -.02778 | -.24316 |
| X07 | .08518 | -.03498 | -.09580 | .07343 | -.06219 |
| X08 | .07985 | -.07336 | -.06203 | -.05203 | .02477 |
| X09 | -.06489 | .12474 | .04934 | -.05398 | .03017 |
| X10 | -.01352 | -.10750 | .02279 | -.05865 | -.04552 |
| X11 | .01667 | .05400 | .00896 | .06439 | -.10780 |
| X12 | -.04978 | -.01896 | .01312 | -.11237 | .11967 |
| X13 | -.06578 | -.11433 | .06691 | -.02466 | .01909 |
| X14 | -.00672 | .14809 | .06094 | -.08326 | -.01739 |
| X15 | -.03841 | -.03623 | -.01732 | -.03130 | -.14073 |
| | X06 | X07 | X08 | X09 | X10 |
| X06 | .55842 | | | | |
| X07 | -.12742 | .55276 | | | |
| X08 | .06010 | -.21510 | .61633 | | |
| X09 | -.01282 | -.12164 | -.17239 | .56160 | |
| X10 | .04604 | .08207 | .05365 | -.27517 | .55248 |
| X11 | -.04860 | .01837 | -.09080 | .05807 | -.20081 |
| X12 | -.05300 | -.15021 | .07005 | .04800 | -.00771 |
| X13 | -.04149 | -.06125 | -.03400 | -.03403 | .05102 |
| X14 | -.11192 | .04185 | -.03250 | .09099 | -.19027 |
| X15 | .12183 | .04314 | .00391 | -.17870 | .21107 |
| | X11 | X12 | X13 | X14 | X15 |
| X11 | .71983 | | | | |
| X12 | -.21908 | .62482 | | | |
| X13 | .01303 | -.13422 | .62372 | | |
| X14 | .16410 | -.06437 | -.19124 | .51033 | |
| X15 | -.06530 | -.02850 | .07081 | -.23529 | .68791 |

- - - - - F A C T O R A N A L Y S I S - - - - -

Anti-image Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 | X06 | X07 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X01 | .53013 | | | | | | |
| X02 | -.46537 | .59164 | | | | | |
| X03 | -.46851 | .04118 | .53808 | | | | |
| X04 | .36775 | -.19289 | -.48504 | .55205 | | | |
| X05 | -.20156 | .04326 | .07499 | -.12493 | .65161 | | |
| X06 | -.10530 | -.05560 | .03054 | -.04887 | -.41795 | .71625 | |
| X07 | .17082 | -.06313 | -.17280 | .12985 | -.10745 | -.22934 | .63670 |
| X08 | .15166 | -.12539 | -.10596 | -.08714 | .04053 | .10245 | -.36853 |
| X09 | -.12910 | .22338 | .08830 | -.09471 | .05170 | -.02289 | -.21832 |
| X10 | -.02711 | -.19408 | .04111 | -.10374 | -.07866 | .08289 | .14850 |
| X11 | .02929 | .08541 | .01417 | .09979 | -.16320 | -.07665 | .02912 |
| X12 | -.09390 | -.03219 | .02226 | -.18692 | .19446 | -.08972 | -.25560 |
| X13 | -.12419 | -.19428 | .11362 | -.04105 | .03105 | -.07030 | -.10432 |
| X14 | -.01403 | .27819 | .11440 | -.15325 | -.03127 | -.20965 | .07880 |
| X15 | -.06905 | -.05862 | -.02801 | -.04961 | -.21794 | .19656 | .06996 |

| | X08 | X09 | X10 | X11 | X12 | X13 | X14 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X08 | .62781 | | | | | | |
| X09 | -.29302 | .50008 | | | | | |
| X10 | .09193 | -.49401 | .42784 | | | | |
| X11 | -.13633 | .09133 | -.31843 | .45593 | | | |
| X12 | .11289 | .08103 | -.01313 | -.32667 | .68620 | | |
| X13 | -.05484 | -.05751 | .08692 | .01945 | -.21500 | .74591 | |
| X14 | -.05795 | .16997 | -.35834 | .27075 | -.11399 | -.33897 | .49037 |
| X15 | .00600 | -.28750 | .34238 | -.09280 | -.04347 | .10811 | -.39711 |

| | X15 |
|-----|--------|
| X15 | .37762 |

Measures of Sampling Adequacy (MSA) are printed on the diagonal.

- - - - - F A C T O R A N A L Y S I S - - - - -

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

| Variable | Communality | * | Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|---|--------|------------|------------|---------|
| X01 | 1.00000 | * | 1 | 3.44054 | 22.9 | 22.9 |
| X02 | 1.00000 | * | 2 | 1.76139 | 11.7 | 34.7 |
| X03 | 1.00000 | * | 3 | 1.55632 | 10.4 | 45.1 |
| X04 | 1.00000 | * | 4 | 1.34354 | 9.0 | 54.0 |
| X05 | 1.00000 | * | 5 | 1.21013 | 8.1 | 62.1 |
| X06 | 1.00000 | * | 6 | 1.10607 | 7.4 | 69.5 |
| X07 | 1.00000 | * | 7 | .93784 | 6.3 | 75.7 |
| X08 | 1.00000 | * | 8 | .87940 | 5.9 | 81.6 |
| X09 | 1.00000 | * | 9 | .59474 | 4.0 | 85.5 |
| X10 | 1.00000 | * | 10 | .50856 | 3.4 | 88.9 |
| X11 | 1.00000 | * | 11 | .44749 | 3.0 | 91.9 |
| X12 | 1.00000 | * | 12 | .38647 | 2.6 | 94.5 |
| X13 | 1.00000 | * | 13 | .35829 | 2.4 | 96.9 |
| X14 | 1.00000 | * | 14 | .25345 | 1.7 | 98.6 |
| X15 | 1.00000 | * | 15 | .21577 | 1.4 | 100.0 |

PC extracted 6 factors.

Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 | Factor 5 |
|-----|----------|----------|----------|----------|----------|
| X06 | .62923 | -.18031 | -.22478 | -.20497 | -.25609 |
| X13 | .59607 | -.05887 | -.20208 | .01623 | -.37649 |
| X12 | .58072 | -.02661 | -.02502 | -.20433 | -.34559 |
| X07 | .53056 | .27836 | .42166 | -.03850 | -.43485 |
| X04 | .52886 | .17575 | .06033 | .38861 | .14489 |
| X03 | .45689 | -.28560 | .44739 | .39839 | .22187 |
| X01 | .49085 | -.64875 | .05617 | .02821 | .26812 |
| X09 | .40448 | .59586 | .13445 | -.02288 | .37935 |
| X02 | .48759 | -.54500 | .28415 | .01728 | .12394 |
| X08 | .37657 | .52884 | .50146 | .13117 | -.10387 |
| X14 | .42777 | .23553 | -.68527 | .23409 | -.07580 |
| X11 | .30343 | .09049 | .09492 | -.67603 | .11947 |

- - - - - F A C T O R A N A L Y S I S - - - - -

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 | Factor 5 |
|-----|----------|----------|----------|----------|----------|
| X15 | .27287 | .16557 | -.35856 | .49295 | .15240 |
| X10 | .40244 | .26140 | -.16040 | -.40321 | .57236 |
| X05 | .53534 | -.15079 | -.31048 | -.10988 | .10620 |
| | | | | | |
| | Factor 6 | | | | |
| X06 | .29290 | | | | |
| X13 | -.32849 | | | | |
| X12 | -.35150 | | | | |
| X07 | .23436 | | | | |
| X04 | -.29554 | | | | |
| X03 | -.02719 | | | | |
| X01 | .07924 | | | | |
| X09 | .09497 | | | | |
| X02 | -.16379 | | | | |
| X08 | .11454 | | | | |
| X14 | -.19105 | | | | |
| X11 | .09864 | | | | |
| X15 | .32958 | | | | |
| X10 | -.31857 | | | | |
| X05 | .57812 | | | | |

Final Statistics:

| Variable | Communality | * | Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|---|--------|------------|------------|---------|
| X01 | .74392 | * | 1 | 3.44054 | 22.9 | 22.9 |
| X02 | .65799 | * | 2 | 1.76139 | 11.7 | 34.7 |
| X03 | .69916 | * | 3 | 1.55632 | 10.4 | 45.1 |
| X04 | .57357 | * | 4 | 1.34354 | 9.0 | 54.0 |
| X05 | .76330 | * | 5 | 1.21013 | 8.1 | 62.1 |
| X06 | .67235 | * | 6 | 1.10607 | 7.4 | 69.5 |
| X07 | .78227 | * | | | | |
| X08 | .71406 | * | | | | |
| X09 | .69018 | * | | | | |



 F A C T O R A N A L Y S I S -----

| Variable | Communality | * Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|----------|------------|------------|---------|
| X10 | .84768 | * | | | |
| X11 | .59029 | * | | | |
| X12 | .62331 | * | | | |
| X13 | .64952 | * | | | |
| X14 | .80511 | * | | | |
| X15 | .60529 | * | | | |

Reproduced Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|---------|---------|---------|---------|
| X01 | .74392* | -.07453 | -.07592 | -.16618 | -.10503 |
| X02 | .62960 | .65799* | -.22225 | -.06356 | -.00959 |
| X03 | .50325 | .54439 | .69916* | .00965 | .00840 |
| X04 | .17535 | .25230 | .41342 | .57357* | .13243 |
| X05 | .41434 | .17155 | .11282 | .03972 | .76330* |
| X06 | .36197 | .25795 | .09198 | .08420 | .59849 |
| X07 | .00442 | .13386 | .23336 | .20772 | .20468 |
| X08 | -.14515 | .00852 | .27146 | .32442 | .00693 |
| X09 | -.07188 | -.05825 | .14724 | .34475 | .18264 |
| X10 | .13578 | .12433 | .01247 | .26948 | .14674 |
| X11 | .11634 | .11257 | -.09025 | -.09245 | .26332 |
| X12 | .17463 | .30175 | .11321 | .27534 | .10520 |
| X13 | .19290 | .27272 | .13060 | .34154 | .15905 |
| X14 | -.01018 | -.08857 | -.09678 | .36273 | .26203 |
| X15 | .08727 | -.08564 | .13821 | .26802 | .38500 |

| | X06 | X07 | X08 | X09 | X10 |
|-----|---------|---------|---------|---------|---------|
| X01 | -.06834 | .03151 | .06043 | .10456 | -.01694 |
| X02 | -.03247 | .01391 | .07686 | .03022 | .01086 |
| X03 | .04287 | -.01021 | -.08304 | -.07917 | .00438 |
| X04 | .10130 | -.04488 | -.08653 | -.14129 | -.05387 |
| X05 | -.07715 | -.02310 | .01717 | -.07100 | .02132 |
| X06 | .67235* | -.04514 | -.01622 | .03094 | .04643 |
| X07 | .37677 | .78227* | -.13704 | .00914 | .09364 |
| X08 | .06214 | .62541 | .71406* | -.09739 | .01625 |
| X09 | .05221 | .29533 | .50332 | .69018* | -.06528 |
| X10 | .08491 | -.08938 | .06052 | .49307 | .84768* |
| X11 | .29014 | .22339 | .11993 | .25957 | .44008 |
| X12 | .40326 | .36592 | .16090 | .05587 | .22733 |
| X13 | .42798 | .30076 | .09560 | .00446 | .13953 |
| X14 | .29620 | -.01726 | -.04130 | .16898 | .26673 |
| X15 | .17891 | .03167 | .09709 | .23865 | -.00593 |

 FACTOR ANALYSIS

| | X11 | X12 | X13 | X14 | X15 |
|-----|---------|---------|---------|---------|---------|
| X01 | -.04850 | .01632 | .06143 | .04721 | .02169 |
| X02 | -.05381 | -.08133 | .02108 | .01450 | .08219 |
| X03 | .10950 | .04715 | -.05144 | .05294 | -.05145 |
| X04 | .10626 | -.00665 | -.13389 | -.08708 | -.10297 |
| X05 | -.06218 | -.00656 | .01198 | -.03144 | -.14985 |
| X06 | -.12029 | -.09646 | -.08932 | -.00836 | -.14824 |
| X07 | -.08916 | -.04281 | -.03608 | .04215 | -.01093 |
| X08 | -.00118 | -.06647 | .04759 | .07134 | -.01638 |
| X09 | -.15205 | .00913 | .11123 | -.04760 | -.03282 |
| X10 | -.15231 | -.07043 | -.00641 | .00902 | -.05401 |
| X11 | .59029* | .07652 | -.02120 | .01996 | .21505 |
| X12 | .23360 | .62331* | -.18950 | -.06795 | .18423 |
| X13 | .06801 | .59504 | .64952* | -.07636 | .00995 |
| X14 | -.10009 | .30481 | .47470 | .80511* | -.08919 |
| X15 | -.21879 | -.10621 | .06773 | .44231 | .60529* |

The lower left triangle contains the reproduced correlation matrix; the diagonal, reproduced communalities; and the upper right triangle residuals between the observed correlations and the reproduced correlations.

There are 56 (53.0%) residuals (above diagonal) with absolute values > 0.05.

VARIMAX rotation 1 for extraction 1 in analysis 1 - Kaiser Normalization.

VARIMAX converged in 10 iterations.

Rotated Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 | Factor 5 |
|-----|----------|----------|----------|----------|----------|
| X03 | .76918 | -.01112 | .28227 | -.05618 | -.03084 |
| X02 | .75585 | .22968 | -.01750 | .10340 | .03745 |
| X01 | .75298 | .07905 | -.18990 | .36325 | .05161 |
| X13 | .13718 | .77176 | .07212 | .11436 | .00572 |
| X12 | .13660 | .73573 | .15487 | .10186 | .12454 |
| X08 | .03525 | .03728 | .83038 | -.06371 | .11533 |
| X07 | .05712 | .28767 | .78043 | .25487 | -.10319 |
| X05 | .15271 | .01391 | .02803 | .81669 | .11725 |
| X06 | .13121 | .41376 | .10087 | .68730 | -.00330 |

----- F A C T O R A N A L Y S I S -----

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 | Factor 5 |
|-------|----------|----------|----------|----------|----------|
| X10 | .07318 | .15761 | -.06303 | .02651 | .90097 |
| X09 † | -.02243 | -.09355 | .51205 | .05023 | .59041 |
| X11 | -.03440 | .09302 | .13724 | .37779 | .48876 |
| X15 | .02077 | -.08304 | .08350 | .25489 | -.02154 |
| X14 † | -.18211 | .52984 | -.13362 | .13218 | .18145 |
| X04 | .34668 | .30820 | .28039 | -.19285 | .22654 |

Factor 6

| | |
|-----|---------|
| X03 | .15365 |
| X02 | -.14671 |
| X01 | .00355 |
| X13 | .12955 |
| X12 | -.11609 |
| X08 | .06737 |
| X07 | -.10757 |
| X05 | .24140 |
| X06 | .03706 |
| X10 | .03250 |
| X09 | .26003 |
| X11 | -.42427 |
| X15 | .72495 |
| X14 | .65035 |
| X04 | .43733 |

Factor Transformation Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 | Factor 5 |
|----------|----------|----------|----------|----------|----------|
| Factor 1 | .45912 | .54882 | .37863 | .43046 | .31851 |
| Factor 2 | -.63578 | -.03186 | .57364 | -.21843 | .38435 |
| Factor 3 | .42096 | -.26389 | .62765 | -.31407 | -.09482 |
| Factor 4 | .27569 | -.11164 | .12743 | -.34512 | -.45846 |
| Factor 5 | .34538 | -.55647 | -.23267 | -.07748 | .68295 |
| Factor 6 | -.11178 | -.55318 | .25153 | .73706 | -.25540 |

----- FACTOR ANALYSIS -----

Factor 6

| | |
|----------|---------|
| Factor 1 | .24062 |
| Factor 2 | .26510 |
| Factor 3 | -.50158 |
| Factor 4 | .75233 |
| Factor 5 | .21091 |
| Factor 6 | .09875 |

 F A C T O R A N A L Y S I S -----

Analysis number 1 Listwise deletion of cases with missing values

Inverse of Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|---------|---------|---------|---------|
| X01 | 2.20514 | | | | |
| X02 | -.91651 | 1.63003 | | | |
| X03 | -.92810 | .03326 | 1.76101 | | |
| X04 | .68562 | -.27903 | -.79915 | 1.60343 | |
| X05 | -.41631 | .09979 | .15060 | -.24612 | 1.49275 |
| X06 | -.19472 | -.01322 | .09712 | -.11588 | -.68643 |
| X07 | .36478 | -.12710 | -.35820 | .30743 | -.10701 |
| X08 | .29281 | -.17228 | -.18041 | -.12362 | .03073 |
| X09 | -.30032 | .24902 | .19631 | -.26656 | -.05064 |
| X12 | -.17592 | -.01065 | .07076 | -.30570 | .17717 |
| X13 | -.25573 | -.16926 | .26340 | -.18960 | .05084 |

| | X06 | X07 | X08 | X09 | X12 |
|-----|---------|---------|---------|---------|---------|
| X06 | 1.68244 | | | | |
| X07 | -.39850 | 1.71992 | | | |
| X08 | .15548 | -.63451 | 1.58667 | | |
| X09 | .05674 | -.23633 | -.44054 | 1.30729 | |
| X12 | -.18952 | -.36268 | .11683 | .07228 | 1.39249 |
| X13 | -.22909 | -.12760 | -.09749 | -.02245 | -.35418 |

| | X13 |
|-----|---------|
| X13 | 1.39614 |

Kaiser-Meyer-Olkin Measure of Sampling Adequacy = .61745

Bartlett Test of Sphericity = 263.29150, Significance = .00000

Anti-image Covariance Matrix:

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|--------|-----|-----|-----|
| X01 | .45349 | | | | |
| X02 | -.25498 | .61348 | | | |

 F A C T O R A N A L Y S I S -----

| | X01 | X02 | X03 | X04 | X05 |
|-----|---------|---------|---------|---------|---------|
| X03 | -.23900 | .01159 | .56786 | | |
| X04 | .19391 | -.10676 | -.28302 | .62366 | |
| X05 | -.12647 | .04101 | .05729 | -.10283 | .66990 |
| X06 | -.05248 | -.00482 | .03278 | -.04296 | -.27332 |
| X07 | .09618 | -.04534 | -.11826 | .11148 | -.04168 |
| X08 | .08369 | -.06661 | -.06457 | -.04859 | .01297 |
| X09 | -.10418 | .11686 | .08527 | -.12717 | -.02595 |
| X12 | -.05729 | -.00469 | .02886 | -.13691 | .08524 |
| X13 | -.08307 | -.07437 | .10713 | -.08469 | .02440 |

| | X06 | X07 | X08 | X09 | X12 |
|-----|---------|---------|---------|---------|---------|
| X06 | .59438 | | | | |
| X07 | -.13771 | .58142 | | | |
| X08 | .05824 | -.23251 | .63025 | | |
| X09 | .02580 | -.10511 | -.21238 | .76494 | |
| X12 | -.08089 | -.15143 | .05288 | .03971 | .71814 |
| X13 | -.09753 | -.05314 | -.04401 | -.01230 | -.18218 |

X13

X13 .71626

Anti-image Correlation Matrix:

| | X01 | X02 | X03 | X04 | X05 | X06 | X07 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X01 | .50316 | | | | | | |
| X02 | -.48341 | .67827 | | | | | |
| X03 | -.47098 | .01963 | .52496 | | | | |
| X04 | .36462 | -.17259 | -.47558 | .48470 | | | |
| X05 | -.22946 | .06397 | .09289 | -.15908 | .63487 | | |
| X06 | -.10109 | -.00798 | .05643 | -.07055 | -.43314 | .71856 | |
| X07 | .18731 | -.07591 | -.20582 | .18513 | -.06679 | -.23426 | .64546 |
| X08 | .15654 | -.10712 | -.10793 | -.07751 | .01997 | .09516 | -.38410 |
| X09 | -.17688 | .17059 | .12938 | -.18411 | -.03625 | .03826 | -.15761 |
| X12 | -.10039 | -.00707 | .04519 | -.20458 | .12289 | -.12382 | -.23436 |
| X13 | -.14575 | -.11220 | .16799 | -.12672 | .03522 | -.14948 | -.08234 |

| | X08 | X09 | X12 | X13 |
|-----|--------|-----|-----|-----|
| X08 | .63268 | | | |

----- F A C T O R A N A L Y S I S -----

| | X08 | X09 | X12 | X13 |
|-----|---------|---------|---------|--------|
| X09 | -.30588 | .59261 | | |
| X12 | .07860 | .05357 | .72760 | |
| X13 | -.06550 | -.01662 | -.25402 | .77532 |

Measures of Sampling Adequacy (MSA) are printed on the diagonal.

Extraction 1 for analysis 1, Principal Components Analysis (PC)

Initial Statistics:

| Variable | Communality | * Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|----------|------------|------------|---------|
| X01 | 1.00000 | * 1 | 3.10520 | 28.2 | 28.2 |
| X02 | 1.00000 | * 2 | 1.71355 | 15.6 | 43.8 |
| X03 | 1.00000 | * 3 | 1.24610 | 11.3 | 55.1 |
| X04 | 1.00000 | * 4 | 1.06096 | 9.6 | 64.8 |
| X05 | 1.00000 | * 5 | .93844 | 8.5 | 73.3 |
| X06 | 1.00000 | * 6 | .74473 | 6.8 | 80.1 |
| X07 | 1.00000 | * 7 | .62635 | 5.7 | 85.8 |
| X08 | 1.00000 | * 8 | .51225 | 4.7 | 90.4 |
| X09 | 1.00000 | * 9 | .43557 | 4.0 | 94.4 |
| X12 | 1.00000 | * 10 | .38181 | 3.5 | 97.9 |
| X13 | 1.00000 | * 11 | .23504 | 2.1 | 100.0 |

PC extracted 4 factors.

Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X06 | .63225 | -.18063 | -.50991 | .18435 |
| X07 | .58844 | .47676 | -.15452 | -.03440 |
| X13 | .58656 | -.05003 | -.26675 | -.46103 |
| X02 | .57311 | -.41003 | .31422 | -.10451 |
| X04 | .51117 | .22288 | .32388 | -.03090 |
| X08 | .39245 | .69922 | .17116 | .07290 |
| X01 | .54681 | -.59096 | .20930 | .15883 |
| X09 | .32978 | .58171 | -.00421 | .29713 |

- - - - - F A C T O R A N A L Y S I S - - - - -

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X03 | .54387 | -.09386 | .64040 | .15806 |
| X12 | .56297 | .00306 | -.16712 | -.58642 |
| X05 | .50089 | -.21901 | -.41985 | .56006 |

Final Statistics:

| Variable | Communality | * | Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|---|--------|------------|------------|---------|
| X01 | .71727 | * | 1 | 3.10520 | 28.2 | 28.2 |
| X02 | .60624 | * | 2 | 1.71355 | 15.6 | 43.8 |
| X03 | .73970 | * | 3 | 1.24610 | 11.3 | 55.1 |
| X04 | .41683 | * | 4 | 1.06096 | 9.6 | 64.8 |
| X05 | .78879 | * | | | | |
| X06 | .72636 | * | | | | |
| X07 | .59862 | * | | | | |
| X08 | .67753 | * | | | | |
| X09 | .53545 | * | | | | |
| X12 | .68876 | * | | | | |
| X13 | .63026 | * | | | | |

VARIMAX rotation 1 for extraction 1 in analysis 1 - Kaiser Normalization.

VARIMAX converged in 5 iterations.

Rotated Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X08 | .81427 | .04617 | .07621 | -.08098 |
| X09 | .70912 | -.03966 | -.07141 | .16101 |
| X07 | .64229 | .01360 | .37663 | .20987 |
| X04 | .45788 | .41483 | .18125 | -.04730 |
| X03 | .28575 | .80933 | -.04617 | -.02984 |
| X01 | -.19942 | .72319 | .10948 | .37750 |
| X02 | -.07437 | .70821 | .29023 | .12207 |
| X12 | .10447 | .14133 | .81083 | .02059 |

----- F A C T O R A N A L Y S I S -----

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X13 | .08243 | .11972 | .75942 | .18004 |
| X05 | .09705 | .13534 | -.02980 | .87188 |
| X06 | .09530 | .09338 | .36222 | .75984 |

Factor Transformation Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|----------|----------|----------|----------|----------|
| Factor 1 | .44609 | .56139 | .52742 | .45572 |
| Factor 2 | .85750 | -.43048 | -.02456 | -.28066 |
| Factor 3 | .14006 | .70021 | -.33053 | -.61713 |
| Factor 4 | .21465 | .09615 | -.78229 | .57680 |

- - - - - F A C T O R A N A L Y S I S - - - - -

Analysis number 1 Listwise deletion of cases with missing values

Inverse of Correlation Matrix:

| | X01 | X02 | X03 | X05 | X06 |
|-----|---------|---------|---------|---------|---------|
| X01 | 1.91197 | | | | |
| X02 | -.79719 | 1.58148 | | | |
| X03 | -.58639 | -.10581 | 1.36271 | | |
| X05 | -.31107 | .05696 | .02794 | 1.45497 | |
| X06 | -.14516 | -.03339 | .03937 | -.70421 | 1.67406 |
| X07 | .23332 | -.07360 | -.20497 | -.05982 | -.37628 |
| X08 | .34567 | -.19379 | -.24202 | .01175 | .14654 |
| X09 | -.18634 | .20264 | .06346 | -.09155 | .03747 |
| X12 | -.04520 | -.06384 | -.08160 | .13025 | -.21161 |
| X13 | -.17466 | -.20225 | .16891 | .02174 | -.24279 |

| | X07 | X08 | X09 | X12 | X13 |
|-----|---------|---------|---------|---------|---------|
| X07 | 1.66097 | | | | |
| X08 | -.61080 | 1.57714 | | | |
| X09 | -.18523 | -.46109 | 1.26297 | | |
| X12 | -.30407 | .09327 | .02146 | 1.33420 | |
| X13 | -.09125 | -.11211 | -.05397 | -.39033 | 1.37372 |

Kaiser-Meyer-Olkin Measure of Sampling Adequacy = .68173

Bartlett Test of Sphericity = 219.44509, Significance = .00000

Anti-image Covariance Matrix:

| | X01 | X02 | X03 | X05 | X06 |
|-----|---------|---------|---------|---------|---------|
| X01 | .52302 | | | | |
| X02 | -.26365 | .63232 | | | |
| X03 | -.22506 | -.04910 | .73383 | | |
| X05 | -.11182 | .02476 | .01409 | .68730 | |
| X06 | -.04535 | -.01261 | .01726 | -.28912 | .59735 |
| X07 | .07347 | -.02802 | -.09056 | -.02475 | -.13532 |
| X08 | .11463 | -.07770 | -.11261 | .00512 | .05550 |
| X09 | -.07717 | .10145 | .03687 | -.04982 | .01772 |
| X12 | -.01772 | -.03026 | -.04488 | .06710 | -.09474 |

- - - - - F A C T O R A N A L Y S I S - - - - -

| | X01 | X02 | X03 | X05 | X06 |
|-----|---------|---------|---------|---------|---------|
| X13 | -.06650 | -.09310 | .09023 | .01088 | -.10558 |
| | X07 | X08 | X09 | X12 | X13 |
| X07 | .60206 | | | | |
| X08 | -.23317 | .63406 | | | |
| X09 | -.08830 | -.23148 | .79178 | | |
| X12 | -.13721 | .04432 | .01273 | .74951 | |
| X13 | -.03999 | -.05175 | -.03110 | -.21297 | .72795 |

Anti-image Correlation Matrix:

| | X01 | X02 | X03 | X05 | X06 | X07 | X08 |
|-----|---------|---------|---------|---------|---------|---------|---------|
| X01 | .62645 | | | | | | |
| X02 | -.45845 | .70342 | | | | | |
| X03 | -.36328 | -.07208 | .68243 | | | | |
| X05 | -.18651 | .03755 | .01984 | .65903 | | | |
| X06 | -.08114 | -.02052 | .02607 | -.45122 | .70446 | | |
| X07 | .13093 | -.04541 | -.13624 | -.03848 | -.22565 | .71028 | |
| X08 | .19906 | -.12271 | -.16509 | .00776 | .09019 | -.37739 | .58157 |
| X09 | -.11991 | .14338 | .04837 | -.06754 | .02577 | -.12789 | -.32670 |
| X12 | -.02830 | -.04395 | -.06052 | .09349 | -.14159 | -.20426 | .06429 |
| X13 | -.10777 | -.13722 | .12345 | .01538 | -.16010 | -.06041 | -.07617 |
| | X09 | X12 | X13 | | | | |
| X09 | .64239 | | | | | | |
| X12 | .01653 | .75125 | | | | | |
| X13 | -.04097 | -.28832 | .77454 | | | | |

Measures of Sampling Adequacy (MSA) are printed on the diagonal.

Extraction 1 for analysis 1, Principal Components Analysis (PC)

- - - - - F A C T O R A N A L Y S I S - - - - -

Initial Statistics:

| Variable | Communality | * | Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|---|--------|------------|------------|---------|
| X01 | 1.00000 | * | 1 | 2.91691 | 29.2 | 29.2 |
| X02 | 1.00000 | * | 2 | 1.68556 | 16.9 | 46.0 |
| X03 | 1.00000 | * | 3 | 1.20657 | 12.1 | 58.1 |
| X05 | 1.00000 | * | 4 | 1.06073 | 10.6 | 68.7 |
| X06 | 1.00000 | * | 5 | .77031 | 7.7 | 76.4 |
| X07 | 1.00000 | * | 6 | .65494 | 6.5 | 83.0 |
| X08 | 1.00000 | * | 7 | .53013 | 5.3 | 88.3 |
| X09 | 1.00000 | * | 8 | .44861 | 4.5 | 92.7 |
| X12 | 1.00000 | * | 9 | .39331 | 3.9 | 96.7 |
| X13 | 1.00000 | * | 10 | .33294 | 3.3 | 100.0 |

PC extracted 4 factors.

Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X06 | .65864 | -.11553 | -.50697 | .19545 |
| X01 | .60368 | -.54163 | .28570 | .14300 |
| X13 | .59976 | .00103 | -.23707 | -.46066 |
| X07 | .59511 | .54367 | -.02458 | -.04513 |
| X02 | .59370 | -.38487 | .36599 | -.11963 |
| X08 | .35949 | .72093 | .28526 | .05806 |
| X09 | .30394 | .60655 | .08752 | .28792 |
| X03 | .50033 | -.12874 | .60275 | .15369 |
| X12 | .55759 | .03236 | -.18488 | -.57975 |
| X05 | .51913 | -.17289 | -.43663 | .57230 |

Final Statistics:

| Variable | Communality | * | Factor | Eigenvalue | Pct of Var | Cum Pct |
|----------|-------------|---|--------|------------|------------|---------|
| X01 | .75987 | * | 1 | 2.91691 | 29.2 | 29.2 |
| X02 | .64886 | * | 2 | 1.68556 | 16.9 | 46.0 |
| X03 | .65383 | * | 3 | 1.20657 | 12.1 | 58.1 |
| X05 | .81756 | * | 4 | 1.06073 | 10.6 | 68.7 |
| X06 | .74237 | * | | | | |
| X07 | .65237 | * | | | | |
| X08 | .73371 | * | | | | |
| X09 | .55084 | * | | | | |
| X12 | .68224 | * | | | | |
| X13 | .62812 | * | | | | |

VARIMAX rotation 1 for extraction 1 in analysis 1 - Kaiser Normalization.

VARIMAX converged in 5 iterations.

Rotated Factor Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|-----|----------|----------|----------|----------|
| X01 | .79930 | -.13291 | .11324 | .30082 |
| X03 | .76458 | .25934 | -.03963 | -.02067 |
| X02 | .74773 | -.03894 | .29057 | .06175 |
| X08 | .06581 | .84270 | .08231 | -.11163 |
| X09 | -.02196 | .72508 | -.06714 | .14180 |
| X07 | .06062 | .68770 | .38371 | .16889 |
| X12 | .11329 | .07970 | .81342 | .03751 |
| X13 | .12869 | .08250 | .75971 | .16610 |
| X05 | .13685 | .07507 | -.02714 | .89020 |
| X06 | .10188 | .08229 | .36509 | .76937 |

Factor Transformation Matrix:

| | Factor 1 | Factor 2 | Factor 3 | Factor 4 |
|----------|----------|----------|----------|----------|
| Factor 1 | .56242 | .39290 | .54652 | .48023 |
| Factor 2 | -.46494 | .86320 | .02894 | -.19465 |
| Factor 3 | .67578 | .23393 | -.31556 | -.62371 |
| Factor 4 | .10406 | .21400 | -.77518 | .58521 |

X01

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 40 | 40.0 | 40.0 | 40.0 |
| | 4 | 53 | 53.0 | 53.0 | 93.0 |
| | 3 | 7 | 7.0 | 7.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X02

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 37 | 37.0 | 37.0 | 37.0 |
| | 4 | 52 | 52.0 | 52.0 | 89.0 |
| | 3 | 11 | 11.0 | 11.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X03

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 37 | 37.0 | 37.0 | 37.0 |
| | 4 | 50 | 50.0 | 50.0 | 87.0 |
| | 3 | 13 | 13.0 | 13.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X04

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 33 | 33.0 | 33.0 | 33.0 |
| | 4 | 53 | 53.0 | 53.0 | 86.0 |
| | 3 | 12 | 12.0 | 12.0 | 98.0 |
| | 2 | 2 | 2.0 | 2.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X05

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 36 | 36.0 | 36.0 | 36.0 |
| | 4 | 52 | 52.0 | 52.0 | 88.0 |
| | 3 | 12 | 12.0 | 12.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X06

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 30 | 30.0 | 30.0 | 30.0 |
| | 4 | 52 | 52.0 | 52.0 | 82.0 |
| | 3 | 18 | 18.0 | 18.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X07

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 38 | 38.0 | 38.0 | 38.0 |
| | 4 | 50 | 50.0 | 50.0 | 88.0 |
| | 3 | 12 | 12.0 | 12.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X08

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 35 | 35.0 | 35.0 | 35.0 |
| | 4 | 56 | 56.0 | 56.0 | 91.0 |
| | 3 | 8 | 8.0 | 8.0 | 99.0 |
| | 2 | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X09

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|---------------|---------|---------------|-------------|
| | 5 | 46 | 46.0 | 46.0 | 46.0 |
| | 4 | 42 | 42.0 | 42.0 | 88.0 |
| | 3 | 10 | 10.0 | 10.0 | 98.0 |
| | 2 | 2 | 2.0 | 2.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |
| Valid cases | 100 | Missing cases | 0 | | |

X10

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 44 | 44.0 | 44.0 | 44.0 |
| | 4 | 43 | 43.0 | 43.0 | 87.0 |
| | 3 | 12 | 12.0 | 12.0 | 99.0 |
| | 2 | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X11

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 34 | 34.0 | 34.0 | 34.0 |
| | 4 | 58 | 58.0 | 58.0 | 92.0 |
| | 3 | 8 | 8.0 | 8.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X12

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 41 | 41.0 | 41.0 | 41.0 |
| | 4 | 46 | 46.0 | 46.0 | 87.0 |
| | 3 | 12 | 12.0 | 12.0 | 99.0 |
| | 2 | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X13

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 46 | 46.0 | 46.0 | 46.0 |
| | 4 | 44 | 44.0 | 44.0 | 90.0 |
| | 3 | 9 | 9.0 | 9.0 | 99.0 |
| | 2 | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X14

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 39 | 39.0 | 39.0 | 39.0 |
| | 4 | 48 | 48.0 | 48.0 | 87.0 |
| | 3 | 10 | 10.0 | 10.0 | 97.0 |
| | 2 | 2 | 2.0 | 2.0 | 99.0 |
| | 1 | 1 | 1.0 | 1.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

X15

| Value Label | Value | Frequency | Percent | Valid Percent | Cum Percent |
|-------------|-------|-----------|---------|---------------|-------------|
| | 5 | 47 | 47.0 | 47.0 | 47.0 |
| | 4 | 45 | 45.0 | 45.0 | 92.0 |
| | 3 | 8 | 8.0 | 8.0 | 100.0 |
| | Total | 100 | 100.0 | 100.0 | |

Valid cases 100 Missing cases 0

LAMPIRAN 7

TABEL KORELASI PRODUCT MOMENT

Tabel Nilai-nilai r Product Moment

| N | Taraf Signif | | N | Taraf Signif | | N | Taraf Signif | |
|----|--------------|-------|----|--------------|-------|------|--------------|-------|
| | 5% | 1% | | 5% | 1% | | 5% | 1% |
| 1 | - | - | 26 | 0.388 | 0.495 | 55 | 0.266 | 0.345 |
| 2 | - | - | 27 | 0.381 | 0.487 | 60 | 0.254 | 0.330 |
| 3 | 0.997 | 0.999 | 28 | 0.374 | 0.478 | 65 | 0.244 | 0.317 |
| 4 | 0.950 | 0.990 | 29 | 0.367 | 0.470 | 70 | 0.235 | 0.306 |
| 5 | 0.878 | 0.959 | 30 | 0.361 | 0.463 | 75 | 0.227 | 0.296 |
| 6 | 0.811 | 0.917 | 31 | 0.355 | 0.456 | 80 | 0.220 | 0.286 |
| 7 | 0.754 | 0.874 | 32 | 0.349 | 0.449 | 85 | 0.213 | 0.278 |
| 8 | 0.707 | 0.834 | 33 | 0.344 | 0.442 | 90 | 0.207 | 0.270 |
| 9 | 0.666 | 0.798 | 34 | 0.339 | 0.436 | 95 | 0.202 | 0.263 |
| 10 | 0.632 | 0.765 | 35 | 0.334 | 0.430 | 100 | 0.195 | 0.256 |
| 11 | 0.602 | 0.735 | 36 | 0.329 | 0.424 | 125 | 0.176 | 0.230 |
| 12 | 0.576 | 0.708 | 37 | 0.325 | 0.418 | 150 | 0.159 | 0.210 |
| 13 | 0.553 | 0.684 | 38 | 0.320 | 0.413 | 175 | 0.148 | 0.194 |
| 14 | 0.532 | 0.661 | 39 | 0.316 | 0.408 | 200 | 0.138 | 0.181 |
| 15 | 0.514 | 0.641 | 40 | 0.312 | 0.403 | 300 | 0.113 | 0.148 |
| 16 | 0.497 | 0.623 | 41 | 0.308 | 0.398 | 400 | 0.098 | 0.128 |
| 17 | 0.485 | 0.606 | 42 | 0.304 | 0.393 | 500 | 0.088 | 0.115 |
| 18 | 0.468 | 0.590 | 43 | 0.301 | 0.389 | 600 | 0.080 | 0.105 |
| 19 | 0.456 | 0.575 | 44 | 0.297 | 0.384 | 700 | 0.074 | 0.097 |
| 20 | 0.444 | 0.561 | 45 | 0.294 | 0.380 | 800 | 0.070 | 0.091 |
| 21 | 0.433 | 0.549 | 46 | 0.291 | 0.376 | 900 | 0.065 | 0.086 |
| 22 | 0.423 | 0.537 | 47 | 0.288 | 0.372 | 1000 | 0.062 | 0.071 |
| 23 | 0.413 | 0.526 | 48 | 0.284 | 0.368 | | | |
| 24 | 0.404 | 0.515 | 49 | 0.281 | 0.364 | | | |
| 25 | 0.396 | 0.505 | 50 | 0.279 | 0.361 | | | |





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Dosen Wali :

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