Lampiran 1. Kuesioner

**KUESIONER PENELITIAN**

**KATA PENGANTAR**

Para responden, Bapak/ Ibu yang terhormat,

Sehubungan dengan penelitian yang dilaksanakan oleh mahasiswa Magister Manajemen Universitas Esa Unggul dalam rangka penyusunan tesis untuk program S2, dengan ini saya mohon kesediaan Bapak/ Ibu/ Saudara meluangkan waktu beberapa menit untuk mengisi kuesioner terlampir. Kuesioner ini sangat mudah dikerjakan dan hanya membutuhkan waktu ± 25 menit. Jawaban dari kuesioner ini tidak ada jawaban yang benar atau salah, semua jawaban adalah benar.

Bapak/ Ibu/ Saudara diminta untuk menjawab situasi atau keadaan yang sesuai atau mendekati apa yang Bapak/ Ibu/ Saudara rasakan. Saya harap responden menjawab semua pertanyaan atau pernyataan dari kuesioner ini. Kerahasiaan informasi yang diperoleh akan dijaga dengan baik, dan hanya digunakan untuk kepentingan akademik. Data pribadi tidak akan dipulikasikan pada pihak lain, hanya analisis-analisis umum saja yang dipublikasikan. Atas kerjasama yang baik, saya ucapkan terima kasih.

(Lanjutan Lampiran 1)

**Identitas Pribadi (mohon diisi dengan memberi tanda (√) pada kolom yang disediakan)**

a. Jenis kelamin : ( ) Perempuan ; ( ) Laki-Laki

b. Usia : .... kurang dari 25 tahun

.... 25 - 30 tahun

.... 31 - 35 tahun

.... 36 - 40 tahun

.... 41 - 45 tahun

.... 46 - 50 tahun

.... lebih dari 50 tahun

c. Pendidikan : ( ) <D3; ( ) D3 ; ( ) D4 ; ( ) S1 ; ( ) S2; ( ) S3

d. Penghasilan : ( ) <2 juta ; ( ) 2-3 juta; ( ) 3-5 juta ; ( ) > 5 juta

e. Status : ( ) Tetap; ( ) Kontrak; ( ) Honorer; () Diperbantukan

**Petunjuk Pengisian**

Berikut ini terdapat 97 pernyataan pada tabel, baca dan pahami setiap pernyataan dan kemudian berikan tanda (√) pada salah satu jawaban yang tersedia, yaitu: Sangat Setuju (SS), Setuju (S), Kurang Setuju (KS), Tidak Setuju (TS), Sangat Tidak Setuju (STS).

Setiap orang dapat memiliki jawaban yang berbeda dan tidak ada jawaban yang dianggap salah. Karena itu, pilihlah satu jawaban yang paling sesuai dengan diri anda. Baca dan teliti jangan sampai ada yang terlewati. Sesuai dengan kode etik, saya akan menjaga kerahasian identitas dan jawaban yang anda berikan.

Terimakasih atas kesediaan anda.

(Lanjutan Lampiran 1)

| Pertanyaan | SS | S | KS | TS | STS |
|---|---|---|---|---|---|
| Saya berusaha menyelesaikan tugas tepat waktu. | | | | | |
| Saya berusaha menyelesaikan tugas yang belum selesai sekalipun sampai larut malam | | | | | |
| Setiap keputusan yang saya ambil, saya pikirkan matang-matang. | | | | | |
| Saya menerima risiko atas setiap keputusan yang saya ambil. | | | | | |
| Hal wajar jika saya gagal mengerjakan tugas yang sukar. | | | | | |
| Saya menyukai pekerjaan yang tidak terlalu sulit tetapi juga tidak terlalu mudah. | | | | | |
| Setiap kritikan yang membangun saya terima dengan senang hati. | | | | | |
| Saya senang apabila orang lain memberikan tanggapan atas hasil pekerjaan saya. | | | | | |
| Saya mengakui setiap kesalahan yang saya yakini karena perbuatan saya. | | | | | |
| Jika saya telah berbuat salah, saya berusaha memperbaikinya. | | | | | |
| Menurut saya pekerjaan rutin sangat menjenuhkan. | | | | | |
| Saya tidak mau menyia-nyiakan waktu untuk menyelesaikan tugas yang diberikan oleh atasan | | | | | |
| Saya berusaha menyelesaikan tugas dengan cepat. | | | | | |
| Saya senang jika dapat menyelesaikan pekerjaan lebih cepat dari waktu yang saya targetkan | | | | | |
| Saya puas jika dapat melaksanakan tugas dengan maksimal. | | | | | |
| Saya berusaha maksimal mengerjakan tugas yang diberikan | | | | | |
| Saya berusaha maksimal untuk menjadi yang terbaik dalam bekerja | | | | | |
| Saya berusaha agar prestasi saya lebih baik dari orang lain | | | | | |
| Saya senantiasa berusaha membina hubungan dengan kolega sekantor dengan baik. | | | | | |
| Saya berusaha memiliki sebanyak mungkin teman karib di kantor. | | | | | |
| Saya rajin membangun hubungan dengan atasan. | | | | | |

(Lanjutan Lampiran 1)

| Pertanyaan | SS | S | KS | TS | STS |
|---|---|---|---|---|---|
| Saya berusaha menerima kritik-saran dari teman maupun atasan | | | | | |
| Saya berupaya mempengaruhi teman-teman dikantor dalam banyak hal agar tujuan saya tercapai | | | | | |
| Saya senantiasa berusaha memperjuangkan ide-ide agar memperoleh kesepakatan dari teman-teman dikantor | | | | | |
| Saya rela bekerja dengan giat agar memperoleh promosi jabatan | | | | | |
| Saya melihat jabatan sebagai puncak karir sehingga perlu diperjuangkan. | | | | | |
| Saya senantiasa berupaya menunjukan kinerja terbaik agar atasan memberikan posisi yang lebih tinggi. | | | | | |
| Saya berusaha menyusun strategi sejak awal untuk mendapat jabatan yang saya inginkan | | | | | |
| Pemimpin menyampaikan visi- misi-nya secara jelas kepada bawahannya | | | | | |
| Saya menjadikan pemimpin sebagai panutan dalam bekerja | | | | | |
| Pemimpim menjadi inspiratory dalam bekerja | | | | | |
| Saya menghormati kepemimpinan saat ini | | | | | |
| Pemimpin mempunyai ekspektasi yang tinggi dalam pekerjaan | | | | | |
| Pemimpin menggunakan pemahaman yang dapat dimengerti dalam menjelaskan visi perusahaan | | | | | |
| Pemimpin dapat menyatukan sebuah tim kerja yang solid | | | | | |
| Pemimpin dapat memberikan solusi dalam panduan kerja yang tepat | | | | | |
| Pemimpin dapat memberikan sudut pandang yang lebih baik dalam menghadapi masalah | | | | | |
| Pemimpin dapat mendorong untuk berpikir kreatif/inovatif | | | | | |
| Pemimpin menerima pendapat dengan baik | | | | | |
| Pemimpin memotivasi karyawan untuk sukses | | | | | |
| Pemimpin mengapresiasi prestasi kerja | | | | | |
| Pemimpin mengawasi kinerja karyawan dengan baik | | | | | |
| Pemimpin memberikan arahan jangka panjang yang jelas | | | | | |
| Pemimpin memberikan pelatihan yang cukup | | | | | |
| Kebanyakan karyawan terlibat dalam pekerjaan mereka | | | | | |
| Informasi disebarkan secara luas agar tiap orang dapat memperoleh informasi yang dibutuhkan bila diperlukan | | | | | |

(Lanjutan Lampiran 1)

| Pertanyaan | SS | S | KS | TS | STS |
|---|---|---|---|---|---|
| Keputusan diambil berdasarkan informasi terbaik yang telah didapatkan | | | | | |
| Organisasi secara aktif mendorong masing-masing unit untuk saling bekerjasama dengan unit yang lain | | | | | |
| Perencanaan bisnis terus berlangsung dan melibatkan tiap orang dalam prosesnya sampai tingkat tertentu | | | | | |
| Pekerjaan diorganisir agar tiap orang dapat melihat hubungan diantara tugasnya dan berbagai sasaran organisasi | | | | | |
| Terdapat karakteristik gaya manajemen dan aplikasi yang berbeda dalam prakteknya | | | | | |
| Mudah untuk mengkoordinasikan proyek-proyek meskipun pada berbagai bagian yang berbeda diorganisasi | | | | | |
| Bila timbul ketidak-sepakatan, kita bekerja keras untuk mencapai solusi yang terbaik untuk kedua pihak | | | | | |
| Mudah untuk mencapai konsensus bahkan dalam berbagai masalah yang sulit | | | | | |
| Ada berbagai kerangka nilai yang jelas dan konsisten yang mengatur cara organisasi melakukan bisnis | | | | | |
| Organisasi mempunyai kode etik yang memandu perilaku kita dalam menjelaskan pada karyawan apa yang benar/salah | | | | | |
| Kita menanggapi para pesaing dan berbagai perubahan lain dalam lingkungan bisnis dengan baik | | | | | |
| Cara baru dan lebih baik dalam bekerja terus menerus dipraktekan | | | | | |
| Komentar dan rekomendasi dari para pelanggan seringkali mengarah pada perbaikan | | | | | |
| Masukan dari pelanggan secara langsung mempengaruhi berbagai keputusan organisasi | | | | | |
| Unit-unit yang berbeda dari organisasi sering melakukan kerjasama demi perubahan | | | | | |
| Organisasi melihat kegagalan sebagai suatu peluang untuk belajar menjadi lebih baik | | | | | |
| Organnisasi terus menerus membandingkan antara kemajuan dengan sasaran-sasaran yang ditetapkan | | | | | |

(Lanjutan Lampiran 1)

| Pertanyaan | SS | S | KS | TS | STS |
|---|---|---|---|---|---|
| Karyawan memahami apa yang perlu dilakukan agar organisasi berhasil dalam jangka panjang | | | | | |
| Organisasi mempunyai tujuan-arah yang bersifat jangka panjang | | | | | |
| Organisasi mempunyai misi yang jelas yang memberi makna arah dalam pekerjaan karyawan | | | | | |
| Kita bisa melihat organisasi akan menjadi seperti apa dimasa depan | | | | | |
| Saya merasa puas terhadap kesesuaian pekerjaan dengan kemampuan yang dimiliki karyawan | | | | | |
| Saya merasa puas terhadap tanggung jawab yang diberikan dalam pekerjaan | | | | | |
| Saya merasa puas terhadap pekerjaan yang beragam | | | | | |
| Saya merasa puas mendapatkan kesempatan belajar dalam bekerja | | | | | |
| Saya merasa puas dengan gaji yang diterima karena sesuai dengan pekerjannya. | | | | | |
| Saya merasa puas atas tunjangan yang diberikan perusahaan | | | | | |
| Saya merasa puas atas sistem prosedur pembayaran gaji | | | | | |
| Saya merasa puas atas bantuan teknis yang diberikan atasan. | | | | | |
| Saya merasa puas atas dukungan moril yang diberikan atasan. | | | | | |
| Saya merasa puas atas pengawasan yang dilakukan oleh atasan | | | | | |
| Saya merasa puas atas pemberian promosi sesuai keinginan dan prestasi bekerja | | | | | |
| Saya merasa puas antara promosi yang diberikan dengan gaji yang diterima | | | | | |
| Saya merasa puas dengan kebijakan promosi yang diberikan oleh perusahaan | | | | | |
| Saya merasa puas terhadap kerjasama dalam tim | | | | | |
| Saya merasa puas atas lingkungan sosial dalam pekerjaan | | | | | |
| Saya merasa puas dalam bersaing secara sportif | | | | | |

(Lanjutan Lampiran 1)

| Pertanyaan | SS | S | KS | TS | STS |
|---|---|---|---|---|---|
| Saya mengetahui secara detail pekerjaan saya | | | | | |
| Saya memahami bagaimana menyelesaikan pekerjaan saya dengan baik | | | | | |
| Saya memiliki integritas dalam bekerja | | | | | |
| Saya bekerja dengan baik sebagai anggota tim | | | | | |
| Saya berkomunikasi dengan baik dengan rekan kerja satu tim | | | | | |
| Saya dapat menyelesaikan pekerjaan dengan cepat | | | | | |
| Saya terampil dalam bekerja | | | | | |
| Saya peduli terhadap hasil pekerjaan saya | | | | | |
| Saya memiliki motivasi dalam menyelesaikan pekerjaan saya | | | | | |
| Saya selalu patuh terhadap aturan perusahaan | | | | | |
| Saya memiliki tanggung jawab penuh atas keberhasilan perkerjaan | | | | | |
| Saya memilki loyalitas yang besar terhadap perusahaan | | | | | |
| Saya menfaatkan fasilitas yang diberikan perusahaan dengan baik dalam bekerja | | | | | |
| Rekan kerja memberikan dukungan penuh dalam berkerja | | | | | |

Lampiran 2. Output Uji Validitas

```
GET DATA /TYPE=XLSX
  /FILE='C:\Users\Niam\Documents\Niam\KUESIONER PENELITIAN.xlsx'
  /SHEET=name 'Pretest'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet1 WINDOW=FRONT.

SAVE OUTFILE='C:\Users\Niam\Documents\Niam\Pretest.sav'
  /COMPRESSED.
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres6 MotPres7
MotPres8 MotPres9
    MotPres10 MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16
MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres6 MotPres7
MotPres8 MotPres9
    MotPres10 MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16
MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

(Lanjutan Lampiran 2)

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres5 | MotPres6 | MotPres7 |
|---|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | -.248 | -.256 | .058 |
| | MotPres2 | .468 | 1.000 | .532 | .232 | .055 | -.004 | -.042 |
| | MotPres3 | .715 | .532 | 1.000 | .218 | -.112 | -.141 | .221 |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .239 | .025 | .252 |
| | MotPres5 | -.248 | .055 | -.112 | .239 | 1.000 | .384 | .159 |
| | MotPres6 | -.256 | -.004 | -.141 | .025 | .384 | 1.000 | .093 |
| | MotPres7 | .058 | -.042 | .221 | .252 | .159 | .093 | 1.000 |
| | MotPres8 | .069 | .452 | .192 | .517 | .127 | .111 | .390 |
| | MotPres9 | -.280 | .019 | -.123 | .167 | .359 | .276 | .207 |
| | MotPres10 | .045 | .130 | .218 | .413 | .139 | -.025 | .469 |
| | MotPres11 | .152 | .396 | .240 | .189 | .308 | .392 | .310 |
| | MotPres12 | .754 | .393 | .807 | .065 | -.295 | -.372 | .114 |
| | MotPres13 | .230 | .210 | .066 | .414 | -.183 | -.035 | .392 |
| | MotPres14 | .135 | .229 | .082 | .344 | .228 | -.100 | .122 |
| | MotPres15 | .162 | .381 | .151 | .299 | .089 | -.154 | .279 |
| | MotPres16 | .256 | .381 | .270 | .632 | -.002 | -.054 | .366 |
| | MotPres17 | .059 | .272 | .288 | .657 | .206 | .118 | .267 |
| | MotPres18 | .317 | .323 | .280 | .036 | .309 | -.028 | .467 |
| Sig. (1-tailed) | MotPres1 | | .005 | .000 | .407 | .093 | .086 | .381 |
| | MotPres2 | .005 | | .001 | .109 | .387 | .491 | .413 |
| | MotPres3 | .000 | .001 | | .124 | .278 | .228 | .121 |
| | MotPres4 | .407 | .109 | .124 | | .101 | .447 | .089 |
| | MotPres5 | .093 | .387 | .278 | .101 | | .018 | .201 |
| | MotPres6 | .086 | .491 | .228 | .447 | .018 | | .312 |
| | MotPres7 | .381 | .413 | .121 | .089 | .201 | .312 | |
| | MotPres8 | .358 | .006 | .155 | .002 | .252 | .279 | .017 |
| | MotPres9 | .067 | .461 | .258 | .190 | .026 | .070 | .136 |
| | MotPres10 | .407 | .246 | .124 | .012 | .232 | .447 | .004 |
| | MotPres11 | .212 | .015 | .101 | .159 | .049 | .016 | .048 |
| | MotPres12 | .000 | .016 | .000 | .367 | .057 | .021 | .275 |
| | MotPres13 | .110 | .132 | .365 | .012 | .167 | .428 | .016 |
| | MotPres14 | .238 | .111 | .333 | .031 | .113 | .299 | .260 |
| | MotPres15 | .196 | .019 | .212 | .054 | .319 | .209 | .068 |
| | MotPres16 | .086 | .019 | .074 | .000 | .495 | .388 | .023 |
| | MotPres17 | .378 | .073 | .061 | .000 | .138 | .267 | .077 |
| | MotPres18 | .044 | .041 | .067 | .425 | .048 | .442 | .005 |

a. Determinant = 1.34E-007

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:32:06 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres6 MotPres7 MotPres8 MotPres9<br>MotPres10 MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres6 MotPres7 MotPres8 MotPres9<br>MotPres10 MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.31 |
| | Maximum Memory Required | 40024 (39.086K) bytes |

[DataSet1] C:\Users\Niam\Documents\Niam\Pretest.sav

| | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres5 | MotPres6 | MotPre |
|---|---|---|---|---|---|---|---|
| MotPres1 | 4.863 | 1.061 | -1.569 | .679 | -1.066 | -.873 | 2 |
| MotPres2 | 1.061 | 4.407 | -.474 | -1.464 | -.435 | -1.595 | 3 |
| MotPres3 | -1.569 | -.474 | 10.002 | -3.764 | 2.108 | -2.398 | -1 |
| MotPres4 | .679 | -1.464 | -3.764 | 6.074 | -3.114 | 1.853 | - |
| MotPres5 | -1.066 | -.435 | 2.108 | -3.114 | 4.621 | -.631 | -1 |
| MotPres6 | -.873 | -1.595 | -2.398 | 1.853 | -.631 | 3.487 | -1 |
| MotPres7 | 2.220 | 3.356 | -1.897 | -.460 | -1.749 | -1.227 | 6 |
| MotPres8 | -.554 | -2.302 | -.869 | .857 | -.232 | 1.536 | - |
| MotPres9 | 1.329 | 1.643 | 2.615 | -1.821 | .578 | -2.419 | |
| MotPres10 | -.442 | -.965 | .590 | -.206 | .833 | .494 | -2 |
| MotPres11 | .484 | -.257 | -1.437 | 1.975 | -2.086 | -.398 | |
| MotPres12 | -2.806 | -2.219 | -6.981 | 2.577 | .421 | 3.772 | -1 |
| MotPres13 | -.001 | 1.802 | 6.225 | -4.550 | 3.398 | -3.351 | - |
| MotPres14 | 2.882 | 3.057 | -.148 | .196 | -3.744 | -1.747 | 6 |
| MotPres15 | -1.365 | -2.353 | -2.576 | 2.271 | .427 | 2.570 | -2 |
| MotPres16 | -4.240 | -3.649 | .522 | -1.415 | 3.481 | 2.782 | -5 |
| MotPres17 | 2.820 | 4.135 | .179 | -2.673 | -.454 | -3.059 | 4 |
| MotPres18 | -1.897 | -2.978 | -1.250 | 3.366 | -1.134 | 2.187 | -3 |

**KMO and Bartlett's Test**

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .468 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 350.795 |
| | Df | 153 |
| | Sig. | .000 |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPr |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .206 | .050 | -.032 | .023 | |
| | MotPres2 | .050 | .227 | -.011 | -.055 | |
| | MotPres3 | -.032 | -.011 | .100 | -.062 | |
| | MotPres4 | .023 | -.055 | -.062 | .165 | |
| | MotPres5 | -.047 | -.021 | .046 | -.111 | |
| | MotPres6 | -.052 | -.104 | -.069 | .087 | |
| | MotPres7 | .075 | .125 | -.031 | -.012 | |
| | MotPres8 | -.019 | -.086 | -.014 | .023 | |
| | MotPres9 | .064 | .087 | .061 | -.070 | |
| | MotPres10 | -.032 | -.078 | .021 | -.012 | |
| | MotPres11 | .033 | -.019 | -.048 | .108 | |
| | MotPres12 | -.054 | -.047 | -.065 | .040 | |
| | MotPres13 | -1.241E-5 | .039 | .060 | -.072 | |
| | MotPres14 | .047 | .055 | -.001 | .003 | |
| | MotPres15 | -.042 | -.080 | -.039 | .056 | |
| | MotPres16 | -.062 | -.059 | .004 | -.017 | |
| | MotPres17 | .059 | .095 | .002 | -.044 | |
| | MotPres18 | -.063 | -.108 | -.020 | .089 | |
| Anti-image Correlation | MotPres1 | .564[a] | .229 | -.225 | .125 | |
| | MotPres2 | .229 | .388[a] | -.071 | -.283 | |
| | MotPres3 | -.225 | -.071 | .524[a] | -.483 | |
| | MotPres4 | .125 | -.283 | -.483 | .468[a] | |
| | MotPres5 | -.225 | -.096 | .310 | -.588 | |
| | MotPres6 | -.212 | -.407 | -.406 | .403 | |
| | MotPres7 | .407 | .647 | -.243 | -.076 | |
| | MotPres8 | -.102 | -.444 | -.111 | .141 | |
| | MotPres9 | .292 | .379 | .400 | -.358 | |
| | MotPres10 | -.120 | -.275 | .111 | -.050 | |
| | MotPres11 | .126 | -.070 | -.261 | .461 | |
| | MotPres12 | -.388 | -.323 | -.674 | .319 | |
| | MotPres13 | -8.834E-5 | .266 | .610 | -.572 | |
| | MotPres14 | .367 | .409 | -.013 | .022 | |
| | MotPres15 | -.240 | -.434 | -.315 | .357 | |
| | MotPres16 | -.513 | -.464 | .044 | -.153 | |
| | MotPres17 | .407 | .626 | .018 | -.345 | |
| | MotPres18 | -.344 | -.568 | -.158 | .547 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|

| | | |
|---|---|---|
| MotPres1 | 1.000 | .832 |
| MotPres2 | 1.000 | .780 |
| MotPres3 | 1.000 | .910 |
| MotPres4 | 1.000 | .847 |
| MotPres5 | 1.000 | .708 |
| MotPres6 | 1.000 | .673 |
| MotPres7 | 1.000 | .868 |
| MotPres8 | 1.000 | .758 |
| MotPres9 | 1.000 | .632 |
| MotPres10 | 1.000 | .707 |
| MotPres11 | 1.000 | .801 |
| MotPres12 | 1.000 | .889 |
| MotPres13 | 1.000 | .861 |
| MotPres14 | 1.000 | .852 |
| MotPres15 | 1.000 | .810 |
| MotPres16 | 1.000 | .867 |
| MotPres17 | 1.000 | .788 |
| MotPres18 | 1.000 | .826 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 6.075 | 33.752 | 33.752 | 6.075 | 33.752 | |
| 2 | 3.011 | 16.726 | 50.478 | 3.011 | 16.726 | |
| 3 | 1.687 | 9.372 | 59.850 | 1.687 | 9.372 | |
| 4 | 1.401 | 7.785 | 67.635 | 1.401 | 7.785 | |
| 5 | 1.163 | 6.460 | 74.095 | 1.163 | 6.460 | |
| 6 | 1.071 | 5.948 | 80.042 | 1.071 | 5.948 | |
| 7 | .727 | 4.042 | 84.084 | | | |
| 8 | .605 | 3.363 | 87.447 | | | |
| 9 | .481 | 2.674 | 90.121 | | | |
| 10 | .420 | 2.334 | 92.455 | | | |
| 11 | .405 | 2.251 | 94.707 | | | |
| 12 | .305 | 1.693 | 96.399 | | | |
| 13 | .218 | 1.214 | 97.613 | | | |
| 14 | .208 | 1.158 | 98.771 | | | |
| 15 | .094 | .522 | 99.293 | | | |
| 16 | .071 | .394 | 99.687 | | | |
| 17 | .035 | .194 | 99.881 | | | |
| 18 | .021 | .119 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| MotPres1 | .337 | -.809 | .205 | .073 | -.048 | -.119 |
| MotPres2 | .523 | -.351 | .394 | -.121 | -.461 | -.012 |
| MotPres3 | .446 | -.684 | .393 | .040 | .108 | .274 |
| MotPres4 | .604 | .204 | -.094 | -.397 | .087 | .517 |
| MotPres5 | .183 | .561 | .447 | .338 | -.118 | .178 |
| MotPres6 | .002 | .534 | .590 | -.134 | .071 | -.129 |
| MotPres7 | .500 | .138 | .086 | .179 | .719 | -.204 |

| | | | | | | |
|---|---|---|---|---|---|---|
| MotPres8 | .798 | .214 | .057 | -.257 | -.030 | -.070 |
| MotPres9 | .313 | .541 | .093 | .418 | -.145 | .192 |
| MotPres10 | .651 | .114 | -.167 | .232 | .345 | .262 |
| MotPres11 | .490 | .159 | .596 | -.283 | .013 | -.317 |
| MotPres12 | .366 | -.814 | .078 | .186 | .118 | .193 |
| MotPres13 | .676 | -.050 | -.342 | -.295 | .162 | -.414 |
| MotPres14 | .714 | .112 | -.364 | .316 | -.312 | -.028 |
| MotPres15 | .749 | .090 | -.270 | .109 | -.329 | -.220 |
| MotPres16 | .875 | .039 | -.195 | -.241 | -.066 | -.014 |
| MotPres17 | .785 | .195 | -.003 | -.212 | .010 | .296 |
| MotPres18 | .631 | -.047 | .096 | .589 | .036 | -.260 |

Extraction Method: Principal Component Analysis.
a. 6 components extracted.

**Rotated Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| MotPres1 | .181 | .850 | -.110 | .044 | -.250 | .023 |
| MotPres2 | .340 | .613 | .172 | .378 | .066 | -.334 |
| MotPres3 | -.062 | .916 | .226 | .068 | -.004 | .103 |
| MotPres4 | .097 | .023 | .911 | .040 | .062 | .043 |
| MotPres5 | .013 | -.127 | .077 | .298 | .771 | .052 |
| MotPres6 | -.203 | -.257 | .025 | .674 | .326 | .068 |
| MotPres7 | .122 | .064 | .159 | .210 | .042 | .882 |
| MotPres8 | .501 | .066 | .558 | .406 | .033 | .158 |
| MotPres9 | .259 | -.183 | .155 | .027 | .704 | .103 |
| MotPres10 | .283 | .143 | .486 | -.167 | .249 | .529 |
| MotPres11 | .169 | .162 | .176 | .836 | .054 | .118 |
| MotPres12 | .064 | .885 | .074 | -.233 | -.136 | .153 |
| MotPres13 | .628 | .011 | .321 | .187 | -.460 | .342 |
| MotPres14 | .824 | .078 | .249 | -.182 | .259 | .069 |
| MotPres15 | .858 | .074 | .238 | .057 | .083 | .033 |
| MotPres16 | .635 | .153 | .621 | .165 | -.097 | .138 |
| MotPres17 | .346 | .125 | .761 | .172 | .164 | .128 |
| MotPres18 | .590 | .352 | -.124 | .081 | .362 | .449 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 11 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | .652 | .346 | .553 | .222 | .122 | .293 |
| 2 | .056 | -.817 | .191 | .254 | .469 | .090 |
| 3 | -.397 | .386 | -.127 | .726 | .385 | -.044 |
| 4 | .203 | .179 | -.504 | -.395 | .646 | .317 |
| 5 | -.423 | -.036 | .115 | -.026 | -.212 | .872 |
| 6 | -.442 | .177 | .612 | -.449 | .394 | -.205 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres7 MotPres8
MotPres9 MotPres10
```

```
    MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17
MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres7 MotPres8
MotPres9 MotPres10
    MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17
MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:33:16 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres7 MotPres8 MotPres9 MotPres10<br>MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres5 MotPres7 MotPres8 MotPres9 MotPres10<br>MotPres11 MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.11 |
| | Elapsed Time | 00:00:00.17 |
| | Maximum Memory Required | 35976 (35.133K) bytes |

(Lanjutan Lampiran 2)

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres5 | Mo |
|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | -.248 | |
| | MotPres2 | .468 | 1.000 | .532 | .232 | .055 | |
| | MotPres3 | .715 | .532 | 1.000 | .218 | -.112 | |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .239 | |
| | MotPres5 | -.248 | .055 | -.112 | .239 | 1.000 | |
| | MotPres7 | .058 | -.042 | .221 | .252 | .159 | |
| | MotPres8 | .069 | .452 | .192 | .517 | .127 | |
| | MotPres9 | -.280 | .019 | -.123 | .167 | .359 | |
| | MotPres10 | .045 | .130 | .218 | .413 | .139 | |
| | MotPres11 | .152 | .396 | .240 | .189 | .308 | |
| | MotPres12 | .754 | .393 | .807 | .065 | -.295 | |
| | MotPres13 | .230 | .210 | .066 | .414 | -.183 | |
| | MotPres14 | .135 | .229 | .082 | .344 | .228 | |
| | MotPres15 | .162 | .381 | .151 | .299 | .089 | |
| | MotPres16 | .256 | .381 | .270 | .632 | -.002 | |
| | MotPres17 | .059 | .272 | .288 | .657 | .206 | |
| | MotPres18 | .317 | .323 | .280 | .036 | .309 | |
| Sig. (1-tailed) | MotPres1 | | .005 | .000 | .407 | .093 | |
| | MotPres2 | .005 | | .001 | .109 | .387 | |
| | MotPres3 | .000 | .001 | | .124 | .278 | |
| | MotPres4 | .407 | .109 | .124 | | .101 | |
| | MotPres5 | .093 | .387 | .278 | .101 | | |
| | MotPres7 | .381 | .413 | .121 | .089 | .201 | |
| | MotPres8 | .358 | .006 | .155 | .002 | .252 | |
| | MotPres9 | .067 | .461 | .258 | .190 | .026 | |
| | MotPres10 | .407 | .246 | .124 | .012 | .232 | |
| | MotPres11 | .212 | .015 | .101 | .159 | .049 | |
| | MotPres12 | .000 | .016 | .000 | .367 | .057 | |
| | MotPres13 | .110 | .132 | .365 | .012 | .167 | |
| | MotPres14 | .238 | .111 | .333 | .031 | .113 | |
| | MotPres15 | .196 | .019 | .212 | .054 | .319 | |
| | MotPres16 | .086 | .019 | .074 | .000 | .495 | |
| | MotPres17 | .378 | .073 | .061 | .000 | .138 | |
| | MotPres18 | .044 | .041 | .067 | .425 | .048 | |

a. Determinant = 4.67E-007

| | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres5 | MotPres7 | MotPre |
|---|---|---|---|---|---|---|---|
| MotPres1 | 4.645 | .662 | -2.170 | 1.143 | -1.224 | 1.912 | |
| MotPres2 | .662 | 3.678 | -1.571 | -.617 | -.724 | 2.795 | -1 |
| MotPres3 | -2.170 | -1.571 | 8.353 | -2.490 | 1.674 | -2.741 | |
| MotPres4 | 1.143 | -.617 | -2.490 | 5.089 | -2.778 | .192 | |
| MotPres5 | -1.224 | -.724 | 1.674 | -2.778 | 4.507 | -1.971 | |
| MotPres7 | 1.912 | 2.795 | -2.741 | .192 | -1.971 | 5.674 | |
| MotPres8 | -.169 | -1.600 | .187 | .041 | .046 | -.302 | 5 |
| MotPres9 | .723 | .537 | .951 | -.535 | .140 | -.165 | -1 |
| MotPres10 | -.319 | -.739 | .930 | -.469 | .923 | -2.119 | |

(Lanjutan Lampiran 2)

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| MotPres11 | .384 | -.439 | -1.711 | 2.186 | -2.158 | .336 | |
| MotPres12 | -1.861 | -.495 | -4.388 | .573 | 1.104 | -.247 | |
| MotPres13 | -.840 | .270 | 3.921 | -2.769 | 2.791 | -2.037 | -2 |
| MotPres14 | 2.445 | 2.258 | -1.350 | 1.124 | -4.060 | 5.683 | 1 |
| MotPres15 | -.722 | -1.178 | -.808 | .905 | .892 | -1.853 | -1 |
| MotPres16 | -3.543 | -2.377 | 2.434 | -2.893 | 3.985 | -4.304 | 1 |
| MotPres17 | 2.054 | 2.736 | -1.925 | -1.047 | -1.008 | 3.290 | -3 |
| MotPres18 | -1.349 | -1.978 | .254 | 2.204 | -.738 | -3.023 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .567 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 327.967 |
| | Df | 136 |
| | Sig. | .000 |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPre |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .215 | .039 | -.056 | .048 | |
| | MotPres2 | .039 | .272 | -.051 | -.033 | |
| | MotPres3 | -.056 | -.051 | .120 | -.059 | |
| | MotPres4 | .048 | -.033 | -.059 | .197 | |
| | MotPres5 | -.058 | -.044 | .044 | -.121 | |
| | MotPres7 | .073 | .134 | -.058 | .007 | |
| | MotPres8 | -.007 | -.080 | .004 | .001 | |
| | MotPres9 | .060 | .056 | .044 | -.041 | |
| | MotPres10 | -.025 | -.074 | .041 | -.034 | |
| | MotPres11 | .028 | -.040 | -.069 | .144 | |
| | MotPres12 | -.060 | -.020 | -.079 | .017 | |
| | MotPres13 | -.025 | .010 | .065 | -.076 | |
| | MotPres14 | .045 | .052 | -.014 | .019 | |
| | MotPres15 | -.033 | -.067 | -.020 | .037 | |
| | MotPres16 | -.065 | -.055 | .025 | -.048 | |
| | MotPres17 | .061 | .103 | -.032 | -.029 | |
| | MotPres18 | -.060 | -.110 | .006 | .089 | |
| Anti-image Correlation | MotPres1 | .597[a] | .160 | -.348 | .235 | |
| | MotPres2 | .160 | .509[a] | -.283 | -.143 | |
| | MotPres3 | -.348 | -.283 | .563[a] | -.382 | |
| | MotPres4 | .235 | -.143 | -.382 | .556[a] | |
| | MotPres5 | -.268 | -.178 | .273 | -.580 | |
| | MotPres7 | .373 | .612 | -.398 | .036 | |
| | MotPres8 | -.034 | -.358 | .028 | .008 | |
| | MotPres9 | .209 | .174 | .205 | -.148 | |
| | MotPres10 | -.090 | -.233 | .195 | -.126 | |
| | MotPres11 | .103 | -.133 | -.343 | .562 | |
| | MotPres12 | -.335 | -.100 | -.589 | .098 | |
| | MotPres13 | -.145 | .052 | .506 | -.458 | |
| | MotPres14 | .330 | .343 | -.136 | .145 | |
| | MotPres15 | -.153 | -.281 | -.128 | .184 | |

| | | | | |
|---|---|---|---|---|
| MotPres16 | -.478 | -.360 | .245 | -.373 |
| MotPres17 | .355 | .531 | -.248 | -.173 |
| MotPres18 | -.284 | -.467 | .040 | .443 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres1 | 1.000 | .840 |
| MotPres2 | 1.000 | .786 |
| MotPres3 | 1.000 | .911 |
| MotPres4 | 1.000 | .845 |
| MotPres5 | 1.000 | .741 |
| MotPres7 | 1.000 | .895 |
| MotPres8 | 1.000 | .776 |
| MotPres9 | 1.000 | .626 |
| MotPres10 | 1.000 | .717 |
| MotPres11 | 1.000 | .829 |
| MotPres12 | 1.000 | .901 |
| MotPres13 | 1.000 | .873 |
| MotPres14 | 1.000 | .894 |
| MotPres15 | 1.000 | .794 |
| MotPres16 | 1.000 | .868 |
| MotPres17 | 1.000 | .787 |
| MotPres18 | 1.000 | .826 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 6.075 | 35.737 | 35.737 | 6.075 | 35.737 | |
| 2 | 2.818 | 16.577 | 52.314 | 2.818 | 16.577 | |
| 3 | 1.461 | 8.593 | 60.907 | 1.461 | 8.593 | |
| 4 | 1.345 | 7.912 | 68.819 | 1.345 | 7.912 | |
| 5 | 1.157 | 6.806 | 75.625 | 1.157 | 6.806 | |
| 6 | 1.052 | 6.188 | 81.813 | 1.052 | 6.188 | |
| 7 | .727 | 4.277 | 86.089 | | | |
| 8 | .482 | 2.837 | 88.926 | | | |
| 9 | .448 | 2.636 | 91.562 | | | |
| 10 | .407 | 2.392 | 93.954 | | | |
| 11 | .349 | 2.053 | 96.006 | | | |
| 12 | .220 | 1.291 | 97.298 | | | |
| 13 | .208 | 1.226 | 98.524 | | | |
| 14 | .094 | .556 | 99.080 | | | |
| 15 | .071 | .420 | 99.500 | | | |
| 16 | .055 | .322 | 99.822 | | | |
| 17 | .030 | .178 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |

| | | | | | | |
|---|---|---|---|---|---|---|
| MotPres1 | .337 | .837 | .093 | -.061 | -.073 | -.087 |
| MotPres2 | .523 | .407 | .224 | .350 | -.416 | -.030 |
| MotPres3 | .446 | .737 | .262 | .138 | .155 | .237 |
| MotPres4 | .604 | -.220 | -.250 | .351 | .165 | .469 |
| MotPres5 | .183 | -.501 | .655 | .132 | -.043 | .091 |
| MotPres7 | .500 | -.123 | .155 | -.154 | .701 | -.302 |
| MotPres8 | .798 | -.202 | -.077 | .279 | -.004 | -.121 |
| MotPres9 | .312 | -.529 | .405 | -.177 | -.121 | .197 |
| MotPres10 | .651 | -.143 | .018 | -.287 | .340 | .272 |
| MotPres11 | .490 | -.047 | .280 | .560 | .058 | -.437 |
| MotPres12 | .366 | .810 | .086 | -.196 | .110 | .228 |
| MotPres13 | .676 | .023 | -.523 | -.092 | .077 | -.356 |
| MotPres14 | .714 | -.173 | -.077 | -.448 | -.372 | .098 |
| MotPres15 | .749 | -.148 | -.103 | -.194 | -.369 | -.164 |
| MotPres16 | .875 | -.065 | -.293 | .081 | -.074 | .007 |
| MotPres17 | .785 | -.188 | -.100 | .213 | .055 | .277 |
| MotPres18 | .631 | .048 | .418 | -.439 | -.012 | -.240 |

Extraction Method: Principal Component Analysis.
a. 6 components extracted.

**Rotated Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| MotPres1 | .173 | .845 | -.116 | -.250 | .141 | .013 |
| MotPres2 | .277 | .563 | .158 | .097 | .512 | -.309 |
| MotPres3 | -.068 | .912 | .220 | .004 | .133 | .093 |
| MotPres4 | .083 | .022 | .910 | .062 | .073 | .037 |
| MotPres5 | -.010 | -.158 | .079 | .802 | .246 | .079 |
| MotPres7 | .094 | .053 | .165 | .066 | .196 | .902 |
| MotPres8 | .433 | .023 | .553 | .062 | .494 | .187 |
| MotPres9 | .289 | -.179 | .165 | .688 | -.042 | .094 |
| MotPres10 | .327 | .174 | .500 | .217 | -.192 | .496 |
| MotPres11 | .059 | .082 | .168 | .128 | .861 | .184 |
| MotPres12 | .095 | .908 | .073 | -.157 | -.153 | .118 |
| MotPres13 | .610 | .007 | .326 | -.476 | .232 | .338 |
| MotPres14 | .869 | .100 | .260 | .207 | -.133 | .031 |
| MotPres15 | .829 | .055 | .235 | .078 | .206 | .036 |
| MotPres16 | .606 | .138 | .620 | -.102 | .261 | .136 |
| MotPres17 | .335 | .117 | .764 | .159 | .194 | .122 |
| MotPres18 | .591 | .344 | -.118 | .359 | .130 | .446 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 8 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | .625 | .328 | .554 | .122 | .307 | .293 |
| 2 | -.129 | .864 | -.217 | -.424 | -.001 | -.103 |
| 3 | -.187 | .307 | -.345 | .827 | .227 | .126 |
| 4 | -.495 | -.047 | .394 | -.069 | .694 | -.334 |
| 5 | -.505 | .012 | .211 | -.129 | -.096 | .821 |
| 6 | -.240 | .224 | .572 | .315 | -.603 | -.319 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres7 MotPres8 MotPres9
MotPres10 MotPres11
    MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres7 MotPres8 MotPres9
MotPres10 MotPres11
    MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:36:05 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres7 MotPres8 MotPres9 MotPres10 MotPres11<br>MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres7 MotPres8 MotPres9 MotPres10 MotPres11<br>MotPres12 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.13 |
| | Maximum Memory Required | 32144 (31.391K) bytes |

**Correlation Matrix[a]**

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres7 | MotPres8 | MotPres9 | MotPres10 | MotPres11 | MotPres12 | MotPres13 | MotPres14 | MotPres15 | MotPres16 | MotPres17 | MotPres18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | .058 | .069 | -.280 | .045 | .152 | .754 | .230 | .135 | .162 | .256 | .059 | .317 |
| | MotPres2 | .468 | 1.000 | .532 | .232 | -.042 | .452 | .019 | .130 | .396 | .393 | .210 | .229 | .381 | .381 | .272 | .323 |
| | MotPres3 | .715 | .532 | 1.000 | .218 | .221 | .192 | -.123 | .218 | .240 | .807 | .066 | .082 | .151 | .270 | .288 | .280 |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .252 | .517 | .167 | .413 | .189 | .065 | .414 | .344 | .299 | .632 | .657 | .036 |
| | MotPres7 | .058 | -.042 | .221 | .252 | 1.000 | .390 | .207 | .469 | .310 | .114 | .392 | .122 | .279 | .366 | .267 | .467 |
| | MotPres8 | .069 | .452 | .192 | .517 | .390 | 1.000 | .339 | .452 | .504 | .056 | .566 | .390 | .603 | .678 | .714 | .380 |
| | MotPres9 | -.280 | .019 | -.123 | .167 | .207 | .339 | 1.000 | .296 | .126 | -.158 | -.101 | .335 | .324 | .238 | .246 | .275 |
| | MotPres10 | .045 | .130 | .218 | .413 | .469 | .452 | .296 | 1.000 | .148 | .258 | .374 | .516 | .381 | .462 | .538 | .413 |
| | MotPres11 | .152 | .396 | .240 | .189 | .310 | .504 | .126 | .148 | 1.000 | .010 | .294 | .092 | .265 | .412 | .375 | .219 |
| | MotPres12 | .754 | .393 | .807 | .065 | .114 | .056 | -.158 | .258 | .010 | 1.000 | .205 | .201 | .081 | .207 | .140 | .307 |
| | MotPres13 | .230 | .210 | .066 | .414 | .392 | .566 | -.101 | .374 | .294 | .205 | 1.000 | .535 | .518 | .683 | .415 | .358 |
| | MotPres14 | .135 | .229 | .082 | .344 | .122 | .390 | .335 | .516 | .092 | .201 | .535 | 1.000 | .739 | .659 | .495 | .569 |
| | MotPres15 | .162 | .381 | .151 | .299 | .279 | .603 | .324 | .381 | .265 | .081 | .518 | .739 | 1.000 | .690 | .490 | .458 |
| | MotPres16 | .256 | .381 | .270 | .632 | .366 | .678 | .238 | .462 | .412 | .207 | .683 | .659 | .690 | 1.000 | .753 | .375 |

(Lanjutan Lampiran 2)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mot Pres17 | .059 | .272 | .288 | .657 | .267 | .714 | .246 | .538 | .375 | .140 | .415 | .495 | .490 | .753 | 1.000 | .373 |
| | Mot Pres18 | .317 | .323 | .280 | .036 | .467 | .380 | .275 | .413 | .219 | .307 | .358 | .569 | .458 | .375 | .373 | 1.000 |
| Sig. (1-tailed) | Mot Pres1 | | .005 | .000 | .407 | .381 | .358 | .067 | .407 | .212 | .000 | .110 | .238 | .196 | .086 | .378 | .044 |
| | Mot Pres2 | .005 | | .001 | .109 | .413 | .006 | .461 | .246 | .015 | .016 | .132 | .111 | .019 | .019 | .073 | .041 |
| | Mot Pres3 | .000 | .001 | | .124 | .121 | .155 | .258 | .124 | .101 | .000 | .365 | .333 | .212 | .074 | .061 | .067 |
| | Mot Pres4 | .407 | .109 | .124 | | .089 | .002 | .190 | .012 | .159 | .367 | .012 | .031 | .054 | .000 | .000 | .425 |
| | Mot Pres7 | .381 | .413 | .121 | .089 | | .017 | .136 | .004 | .048 | .275 | .016 | .260 | .068 | .023 | .077 | .005 |
| | Mot Pres8 | .358 | .006 | .155 | .002 | .017 | | .033 | .006 | .002 | .384 | .001 | .017 | .000 | .000 | .000 | .019 |
| | Mot Pres9 | .067 | .461 | .258 | .190 | .136 | .033 | | .056 | .253 | .202 | .298 | .035 | .040 | .103 | .095 | .070 |
| | Mot Pres10 | .407 | .246 | .124 | .012 | .004 | .006 | .056 | | .217 | .084 | .021 | .002 | .019 | .005 | .001 | .012 |
| | Mot Pres11 | .212 | .015 | .101 | .159 | .048 | .002 | .253 | .217 | | .479 | .058 | .315 | .079 | .012 | .021 | .122 |
| | Mot Pres12 | .000 | .016 | .000 | .367 | .275 | .384 | .202 | .084 | .479 | | .139 | .144 | .336 | .136 | .230 | .050 |
| | Mot Pres13 | .110 | .132 | .365 | .012 | .016 | .001 | .298 | .021 | .058 | .139 | | .001 | .002 | .000 | .011 | .026 |
| | Mot Pres14 | .238 | .111 | .333 | .031 | .260 | .017 | .035 | .002 | .315 | .144 | .001 | | .000 | .000 | .003 | .001 |
| | Mot Pres15 | .196 | .019 | .212 | .054 | .068 | .000 | .040 | .019 | .079 | .336 | .002 | .000 | | .000 | .003 | .006 |
| | Mot Pres16 | .086 | .019 | .074 | .000 | .023 | .000 | .103 | .005 | .012 | .136 | .000 | .000 | .000 | | .000 | .021 |
| | Mot Pres17 | .378 | .073 | .061 | .000 | .077 | .000 | .095 | .001 | .021 | .230 | .011 | .003 | .003 | .000 | | .021 |
| | Mot Pres18 | .044 | .041 | .067 | .425 | .005 | .019 | .070 | .012 | .122 | .050 | .026 | .001 | .006 | .021 | .021 | |

a. Determinant = 2.11E-006

**Inverse of Correlation Matrix**

| | Mot Pres1 | Mot Pres2 | Mot Pres3 | Mot Pres4 | Mot Pres7 | Mot Pres8 | Mot Pres9 | Mot Pres10 | Mot Pres11 | Mot Pres12 | Mot Pres13 | Mot Pres14 | Mot Pres15 | Mot Pres16 | Mot Pres17 | Mot Pres18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mot Pres1 | 4.312 | .465 | -1.715 | .389 | 1.377 | -.157 | .761 | -.068 | -.202 | -1.561 | -.082 | 1.342 | -.479 | -2.461 | 1.780 | -1.549 |
| Mot Pres2 | .465 | 3.562 | -1.302 | -1.063 | 2.478 | -1.592 | .559 | -.591 | -.785 | -.317 | .718 | 1.606 | -1.034 | -1.737 | 2.574 | -2.096 |
| Mot Pres3 | -1.715 | -1.302 | 7.732 | -1.458 | -2.009 | .170 | .899 | .587 | -.909 | -4.797 | 2.884 | .158 | -1.140 | .955 | -1.550 | .528 |
| Mot Pres4 | .389 | -1.063 | -1.458 | 3.376 | -1.023 | .069 | -.449 | .100 | .856 | 1.253 | -1.049 | -1.378 | 1.455 | -.437 | -1.668 | 1.749 |
| Mot Pres7 | 1.377 | 2.478 | -2.009 | -1.023 | 4.812 | -.282 | -.104 | -1.715 | -.607 | .236 | -.816 | 3.907 | -1.463 | -2.561 | 2.850 | -3.345 |
| Mot Pres8 | -.157 | -1.592 | .170 | .069 | -.282 | 5.431 | -1.668 | -.253 | -.228 | .507 | -2.706 | 1.953 | -1.477 | 1.268 | -3.056 | .241 |
| Mot Pres9 | .761 | .559 | .899 | -.449 | -.104 | -1.668 | 2.579 | -.139 | -.337 | -.999 | 2.436 | -.672 | -.142 | -1.324 | 1.416 | -.705 |
| Mot Pres10 | -.068 | -.591 | .587 | .100 | -1.715 | -.253 | -.139 | 2.541 | .183 | -.701 | .135 | -1.939 | .611 | 1.206 | -1.390 | .946 |
| Mot Pres11 | -.202 | -.785 | -.909 | .856 | -.607 | -.228 | -.337 | .183 | 1.946 | 1.203 | -.632 | -.257 | .686 | -.193 | -.656 | .509 |
| Mot Pres12 | -1.561 | -.317 | -4.797 | 1.253 | .236 | .507 | -.999 | -.701 | 1.203 | 6.384 | -2.386 | -1.290 | 1.745 | .653 | -.361 | .614 |
| Mot Pres13 | -.082 | .718 | 2.884 | -1.049 | -.816 | -2.706 | 2.436 | .135 | -.632 | -2.386 | 5.466 | -1.313 | -.053 | -2.302 | 2.049 | -.511 |
| Mot Pres14 | 1.342 | 1.606 | .158 | -1.378 | 3.907 | 1.953 | -.672 | -1.939 | -.257 | -1.290 | -1.313 | 8.124 | -3.810 | -2.877 | 1.411 | -3.923 |
| Mot Pres15 | -.479 | -1.034 | -1.140 | 1.455 | -1.463 | -1.477 | -.142 | .611 | .686 | 1.745 | -.053 | -3.810 | 4.600 | -.455 | -.206 | 1.427 |
| Mot Pres16 | -2.461 | -1.737 | .955 | -.437 | -2.561 | 1.268 | -1.324 | 1.206 | -.193 | .653 | -2.302 | -2.877 | -.455 | 8.304 | -4.623 | 2.794 |
| Mot Pres17 | 1.780 | 2.574 | -1.550 | -1.668 | 2.850 | -3.056 | 1.416 | -1.390 | -.656 | -.361 | 2.049 | 1.411 | -.206 | -4.623 | 6.985 | -2.949 |
| Mot Pres18 | -1.549 | -2.096 | .528 | 1.749 | -3.345 | .241 | -.705 | .946 | .509 | .614 | -.511 | -3.923 | 1.427 | 2.794 | -2.949 | 4.747 |

(Lanjutan Lampiran 2)

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .608 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 298.446 |
| | Df | 120 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres7 | MotPres8 | MotPres9 | MotPres10 | MotPres11 | MotPres12 | MotPres13 | MotPres14 | MotPres15 | MotPres16 | MotPres17 | MotPres18 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .232 | .030 | -.051 | .027 | .066 | -.007 | .068 | -.006 | -.024 | -.057 | -.003 | .038 | -.024 | -.069 | .059 | -.076 |
| | MotPres2 | .030 | .281 | -.047 | -.088 | .145 | -.082 | .061 | -.065 | -.113 | -.014 | .037 | .056 | -.063 | -.059 | .103 | -.124 |
| | MotPres3 | -.051 | -.047 | .129 | -.056 | -.054 | .004 | .045 | .030 | -.060 | -.097 | .068 | .003 | -.032 | .015 | -.029 | .014 |
| | MotPres4 | .027 | -.088 | -.056 | .296 | -.063 | .004 | -.052 | .012 | .130 | .058 | -.057 | -.050 | .094 | -.016 | -.071 | .109 |
| | MotPres7 | .066 | .145 | -.054 | -.063 | .208 | -.011 | -.008 | -.140 | -.065 | .008 | -.031 | .100 | -.066 | -.064 | .085 | -.146 |
| | MotPres8 | -.007 | -.082 | .004 | .004 | -.011 | .184 | -.119 | -.018 | -.022 | .015 | -.091 | .044 | -.059 | .028 | -.081 | .009 |
| | MotPres9 | .068 | .061 | .045 | -.052 | -.008 | -.119 | .388 | -.021 | -.067 | -.061 | .173 | -.032 | -.012 | -.062 | .079 | -.058 |
| | MotPres10 | -.006 | -.065 | .030 | .012 | -.140 | -.018 | -.021 | .393 | .037 | -.043 | .010 | -.094 | .052 | .057 | -.078 | .078 |
| | MotPres11 | -.024 | -.113 | -.060 | .130 | -.065 | -.022 | -.067 | .037 | .514 | .097 | -.059 | -.016 | .077 | -.012 | -.048 | .055 |
| | MotPres12 | -.057 | -.014 | -.097 | .058 | .008 | .015 | -.061 | -.043 | .097 | .157 | -.068 | -.025 | .059 | .012 | -.008 | .020 |
| | MotPres13 | -.003 | .037 | .068 | -.057 | -.031 | -.091 | .173 | .010 | -.059 | -.068 | .183 | -.030 | -.002 | -.051 | .054 | -.020 |
| | MotPres14 | .038 | .056 | .003 | -.050 | .100 | .044 | -.032 | -.094 | -.016 | -.025 | -.030 | .123 | -.102 | -.043 | .025 | -.102 |
| | MotPres15 | -.024 | -.063 | -.032 | .094 | -.066 | -.059 | -.012 | .052 | .077 | .059 | -.002 | -.102 | .217 | -.012 | -.006 | .065 |
| | MotPres16 | -.069 | -.059 | .015 | -.016 | -.064 | .028 | -.062 | .057 | -.012 | .012 | -.051 | -.043 | -.012 | .120 | -.080 | .071 |

(Lanjutan Lampiran 2)

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Mot Pres17 | .059 | .103 | -.029 | -.071 | .085 | -.081 | .079 | -.078 | -.048 | -.008 | .054 | .025 | -.006 | -.080 | .143 | -.089 |
| | Mot Pres18 | -.076 | -.124 | .014 | .109 | -.146 | -.009 | -.058 | .078 | .055 | .020 | -.020 | -.102 | .065 | .071 | -.089 | .211 |
| Anti-image Correlation | Mot Pres1 | .676[a] | .119 | -.297 | .102 | .302 | -.032 | .228 | -.021 | -.070 | -.298 | -.017 | .227 | -.108 | -.411 | .324 | -.342 |
| | Mot Pres2 | .119 | .503[a] | -.248 | -.307 | .599 | -.362 | .184 | -.196 | -.298 | -.067 | .163 | .299 | -.256 | -.319 | .516 | -.510 |
| | Mot Pres3 | -.297 | -.248 | .617[a] | -.285 | -.329 | .026 | .201 | .132 | -.234 | -.683 | .444 | .020 | -.191 | .119 | -.211 | .087 |
| | Mot Pres4 | .102 | -.307 | -.285 | .644[a] | -.254 | .016 | -.152 | .034 | .334 | .270 | -.244 | -.263 | .369 | -.083 | -.344 | .437 |
| | Mot Pres7 | .302 | .599 | -.329 | -.254 | .362[a] | -.055 | -.029 | -.490 | -.198 | .043 | -.159 | .625 | -.311 | -.405 | .492 | -.700 |
| | Mot Pres8 | -.032 | -.362 | .026 | .016 | -.055 | .751[a] | -.446 | -.068 | -.070 | .086 | -.497 | .294 | -.296 | .189 | -.496 | .047 |
| | Mot Pres9 | .228 | .184 | .201 | -.152 | -.029 | -.446 | .427[a] | -.054 | -.150 | -.246 | .649 | -.147 | -.041 | -.286 | .334 | -.201 |
| | Mot Pres10 | -.021 | -.196 | .132 | .034 | -.490 | -.068 | -.054 | .718[a] | .082 | -.174 | .036 | -.427 | .179 | .263 | -.330 | .272 |
| | Mot Pres11 | -.070 | -.298 | -.234 | .334 | -.198 | -.070 | -.150 | .082 | .661[a] | .341 | -.194 | -.065 | .229 | -.048 | -.178 | .167 |
| | Mot Pres12 | -.298 | -.067 | -.683 | .270 | .043 | .086 | -.246 | -.174 | .341 | .597[a] | -.404 | -.179 | .322 | .090 | -.054 | .112 |
| | Mot Pres13 | -.017 | .163 | .444 | -.244 | -.159 | -.497 | .649 | .036 | -.194 | -.404 | .617[a] | -.197 | -.011 | -.342 | .332 | -.100 |
| | Mot Pres14 | .227 | .299 | .020 | -.263 | .625 | .294 | -.147 | -.427 | -.065 | -.179 | -.197 | .579[a] | -.623 | -.350 | .187 | -.632 |
| | Mot Pres15 | -.108 | -.256 | -.191 | .369 | -.311 | -.296 | -.041 | .179 | .229 | .322 | -.011 | -.623 | .715[a] | -.074 | -.036 | .305 |
| | Mot Pres16 | -.411 | -.319 | .119 | -.083 | -.405 | .189 | -.286 | .263 | -.048 | .090 | -.342 | -.350 | -.074 | .724[a] | -.607 | .445 |
| | Mot Pres17 | .324 | .516 | -.211 | -.344 | .492 | -.496 | .334 | -.330 | -.178 | -.054 | .332 | .187 | -.036 | -.607 | .597[a] | -.512 |
| | Mot Pres18 | -.342 | -.510 | .087 | .437 | -.700 | .047 | -.201 | .272 | .167 | .112 | -.100 | -.632 | .305 | .445 | -.512 | .475[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres1 | 1.000 | .851 |
| MotPres2 | 1.000 | .792 |
| MotPres3 | 1.000 | .914 |
| MotPres4 | 1.000 | .852 |
| MotPres7 | 1.000 | .896 |
| MotPres8 | 1.000 | .800 |
| MotPres9 | 1.000 | .844 |
| MotPres10 | 1.000 | .720 |
| MotPres11 | 1.000 | .810 |
| MotPres12 | 1.000 | .892 |
| MotPres13 | 1.000 | .894 |
| MotPres14 | 1.000 | .908 |
| MotPres15 | 1.000 | .791 |
| MotPres16 | 1.000 | .856 |
| MotPres17 | 1.000 | .785 |
| MotPres18 | 1.000 | .790 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | | Rotation Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 6.048 | 37.801 | 37.801 | 6.048 | 37.801 | 37.801 | 3.055 | 19.097 | 19.097 |
| 2 | 2.651 | 16.570 | 54.370 | 2.651 | 16.570 | 54.370 | 2.912 | 18.199 | 37.296 |
| 3 | 1.352 | 8.448 | 62.818 | 1.352 | 8.448 | 62.818 | 2.793 | 17.457 | 54.753 |
| 4 | 1.171 | 7.317 | 70.135 | 1.171 | 7.317 | 70.135 | 1.776 | 11.102 | 65.855 |
| 5 | 1.138 | 7.115 | 77.250 | 1.138 | 7.115 | 77.250 | 1.630 | 10.188 | 76.043 |
| 6 | 1.036 | 6.475 | 83.725 | 1.036 | 6.475 | 83.725 | 1.229 | 7.682 | 83.725 |
| 7 | .496 | 3.103 | 86.828 | | | | | | |
| 8 | .455 | 2.841 | 89.669 | | | | | | |
| 9 | .422 | 2.636 | 92.305 | | | | | | |
| 10 | .350 | 2.185 | 94.490 | | | | | | |
| 11 | .343 | 2.142 | 96.633 | | | | | | |
| 12 | .209 | 1.306 | 97.939 | | | | | | |
| 13 | .151 | .946 | 98.885 | | | | | | |
| 14 | .072 | .450 | 99.335 | | | | | | |
| 15 | .064 | .401 | 99.736 | | | | | | |
| 16 | .042 | .264 | 100.000 | | | | | | |

Extraction Method: Principal Component Analysis.

(Lanjutan Lampiran 2)

**Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| MotPres1 | .353 | .837 | .068 | -.083 | .017 | -.116 |
| MotPres2 | .527 | .437 | -.279 | -.124 | .473 | .081 |
| MotPres3 | .457 | .764 | -.069 | .205 | -.035 | .271 |
| MotPres4 | .598 | -.234 | -.415 | -.068 | -.373 | .350 |
| MotPres7 | .497 | -.122 | .208 | .665 | -.275 | -.270 |
| MotPres8 | .796 | -.236 | -.275 | .109 | .145 | -.041 |
| MotPres9 | .298 | -.490 | .307 | .229 | .430 | .428 |
| MotPres10 | .649 | -.162 | .286 | .195 | -.307 | .244 |
| MotPres11 | .482 | .003 | -.447 | .393 | .371 | -.293 |
| MotPres12 | .383 | .798 | .199 | .001 | -.183 | .186 |
| MotPres13 | .686 | -.078 | -.060 | -.220 | -.317 | -.515 |
| MotPres14 | .709 | -.189 | .399 | -.455 | .043 | .023 |
| MotPres15 | .749 | -.188 | .162 | -.298 | .246 | -.136 |
| MotPres16 | .879 | -.131 | -.158 | -.181 | -.084 | -.041 |
| MotPres17 | .781 | -.206 | -.231 | -.004 | -.112 | .257 |
| MotPres18 | .625 | .098 | .539 | .159 | .210 | -.175 |

Extraction Method: Principal Component Analysis.
a. 6 components extracted.

**Rotated Component Matrix[a]**

| | Component | | | | | |
|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| MotPres1 | .182 | .853 | -.113 | .124 | .000 | -.248 |
| MotPres2 | .260 | .548 | .143 | .553 | -.295 | .102 |
| MotPres3 | -.073 | .909 | .208 | .162 | .101 | .048 |
| MotPres4 | .081 | .022 | .915 | .068 | .035 | -.028 |
| MotPres7 | .087 | .044 | .163 | .203 | .905 | .005 |
| MotPres8 | .386 | .011 | .542 | .557 | .193 | .098 |
| MotPres9 | .253 | -.213 | .147 | .099 | .142 | .826 |
| MotPres10 | .320 | .163 | .507 | -.141 | .507 | .240 |
| MotPres11 | .042 | .060 | .148 | .862 | .198 | -.005 |
| MotPres12 | .097 | .917 | .075 | -.135 | .112 | -.070 |
| MotPres13 | .599 | .023 | .349 | .190 | .301 | -.535 |
| MotPres14 | .887 | .086 | .287 | -.113 | .035 | .131 |
| MotPres15 | .807 | .043 | .244 | .258 | .038 | .099 |
| MotPres16 | .577 | .136 | .628 | .294 | .128 | -.091 |
| MotPres17 | .316 | .104 | .764 | .236 | .132 | .135 |
| MotPres18 | .615 | .314 | -.109 | .153 | .468 | .243 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 7 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 | 4 | 5 | 6 |
|---|---|---|---|---|---|---|
| 1 | .610 | .327 | .557 | .344 | .296 | .066 |
| 2 | -.172 | .909 | -.267 | .020 | -.118 | -.241 |
| 3 | .452 | .103 | -.458 | -.556 | .386 | .342 |
| 4 | -.525 | .045 | -.072 | .326 | .722 | .300 |
| 5 | .203 | -.013 | -.439 | .586 | -.379 | .528 |
| 6 | -.277 | .230 | .459 | -.349 | -.292 | .672 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres9 MotPres10
MotPres11 MotPres12
    MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres9 MotPres10
MotPres11 MotPres12
    MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:37:07 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres9 MotPres10 MotPres11 MotPres12<br>MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres9 MotPres10 MotPres11 MotPres12<br>MotPres13 MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.13 |
| | Maximum Memory Required | 28528 (27.859K) bytes |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | Mo |
|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | .069 | |
| | MotPres2 | .468 | 1.000 | .532 | .232 | .452 | |
| | MotPres3 | .715 | .532 | 1.000 | .218 | .192 | |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .517 | |
| | MotPres8 | .069 | .452 | .192 | .517 | 1.000 | |
| | MotPres9 | -.280 | .019 | -.123 | .167 | .339 | |
| | MotPres10 | .045 | .130 | .218 | .413 | .452 | |
| | MotPres11 | .152 | .396 | .240 | .189 | .504 | |
| | MotPres12 | .754 | .393 | .807 | .065 | .056 | |
| | MotPres13 | .230 | .210 | .066 | .414 | .566 | |
| | MotPres14 | .135 | .229 | .082 | .344 | .390 | |
| | MotPres15 | .162 | .381 | .151 | .299 | .603 | |
| | MotPres16 | .256 | .381 | .270 | .632 | .678 | |
| | MotPres17 | .059 | .272 | .288 | .657 | .714 | |
| | MotPres18 | .317 | .323 | .280 | .036 | .380 | |
| Sig. (1-tailed) | MotPres1 | | .005 | .000 | .407 | .358 | |
| | MotPres2 | .005 | | .001 | .109 | .006 | |
| | MotPres3 | .000 | .001 | | .124 | .155 | |
| | MotPres4 | .407 | .109 | .124 | | .002 | |
| | MotPres8 | .358 | .006 | .155 | .002 | | |
| | MotPres9 | .067 | .461 | .258 | .190 | .033 | |
| | MotPres10 | .407 | .246 | .124 | .012 | .006 | |
| | MotPres11 | .212 | .015 | .101 | .159 | .002 | |
| | MotPres12 | .000 | .016 | .000 | .367 | .384 | |
| | MotPres13 | .110 | .132 | .365 | .012 | .001 | |
| | MotPres14 | .238 | .111 | .333 | .031 | .017 | |
| | MotPres15 | .196 | .019 | .212 | .054 | .000 | |
| | MotPres16 | .086 | .019 | .074 | .000 | .000 | |
| | MotPres17 | .378 | .073 | .061 | .000 | .000 | |
| | MotPres18 | .044 | .041 | .067 | .425 | .019 | |

a. Determinant = 1.01E-005

**Inv**

| | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPres9 | MotPre |
|---|---|---|---|---|---|---|---|
| MotPres1 | 3.918 | -.244 | -1.140 | .682 | -.076 | .791 | |
| MotPres2 | -.244 | 2.285 | -.267 | -.536 | -1.447 | .612 | |
| MotPres3 | -1.140 | -.267 | 6.893 | -1.886 | .053 | .856 | |
| MotPres4 | .682 | -.536 | -1.886 | 3.159 | .010 | -.471 | |
| MotPres8 | -.076 | -1.447 | .053 | .010 | 5.415 | -1.674 | |
| MotPres9 | .791 | .612 | .856 | -.471 | -1.674 | 2.576 | |
| MotPres10 | .423 | .292 | -.129 | -.265 | -.353 | -.176 | |
| MotPres11 | -.028 | -.473 | -1.163 | .727 | -.264 | -.350 | |
| MotPres12 | -1.629 | -.439 | -4.699 | 1.303 | .521 | -.994 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| MotPres13 | .152 | 1.138 | 2.543 | -1.222 | -2.753 | 2.418 |
| MotPres14 | .224 | -.406 | 1.789 | -.547 | 2.181 | -.588 |
| MotPres15 | -.061 | -.281 | -1.750 | 1.144 | -1.563 | -.174 |
| MotPres16 | -1.728 | -.418 | -.114 | -.982 | 1.118 | -1.379 |
| MotPres17 | .965 | 1.106 | -.361 | -1.062 | -2.890 | 1.477 |
| MotPres18 | -.592 | -.373 | -.869 | 1.037 | .045 | -.777 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .682 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 266.406 |
| | Df | 105 |
| | Sig. | .000 |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPre |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .255 | -.027 | -.042 | .055 | |
| | MotPres2 | -.027 | .438 | -.017 | -.074 | |
| | MotPres3 | -.042 | -.017 | .145 | -.087 | |
| | MotPres4 | .055 | -.074 | -.087 | .317 | |
| | MotPres8 | -.004 | -.117 | .001 | .001 | |
| | MotPres9 | .078 | .104 | .048 | -.058 | |
| | MotPres10 | .056 | .066 | -.010 | -.043 | |
| | MotPres11 | -.004 | -.111 | -.090 | .123 | |
| | MotPres12 | -.065 | -.030 | -.107 | .065 | |
| | MotPres13 | .007 | .093 | .069 | -.073 | |
| | MotPres14 | .012 | -.036 | .052 | -.035 | |
| | MotPres15 | -.004 | -.030 | -.061 | .087 | |
| | MotPres16 | -.064 | -.026 | -.002 | -.045 | |
| | MotPres17 | .046 | .091 | -.010 | -.063 | |
| | MotPres18 | -.062 | -.067 | -.052 | .136 | |
| Anti-image Correlation | MotPres1 | .777[a] | -.082 | -.219 | .194 | |
| | MotPres2 | -.082 | .723[a] | -.067 | -.199 | |
| | MotPres3 | -.219 | -.067 | .597[a] | -.404 | |
| | MotPres4 | .194 | -.199 | -.404 | .666[a] | |
| | MotPres8 | -.017 | -.411 | .009 | .002 | |
| | MotPres9 | .249 | .252 | .203 | -.165 | |
| | MotPres10 | .154 | .139 | -.035 | -.107 | |
| | MotPres11 | -.010 | -.229 | -.324 | .299 | |
| | MotPres12 | -.326 | -.115 | -.709 | .290 | |
| | MotPres13 | .033 | .326 | .420 | -.298 | |
| | MotPres14 | .051 | -.121 | .306 | -.138 | |
| | MotPres15 | -.015 | -.091 | -.327 | .316 | |
| | MotPres16 | -.331 | -.105 | -.017 | -.210 | |
| | MotPres17 | .212 | .318 | -.060 | -.260 | |
| | MotPres18 | -.192 | -.159 | -.213 | .375 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

(Lanjutan Lampiran 2)

| | Initial | Extraction |
|---|---|---|
| MotPres1 | 1.000 | .850 |
| MotPres2 | 1.000 | .677 |
| MotPres3 | 1.000 | .910 |
| MotPres4 | 1.000 | .835 |
| MotPres8 | 1.000 | .797 |
| MotPres9 | 1.000 | .835 |
| MotPres10 | 1.000 | .663 |
| MotPres11 | 1.000 | .744 |
| MotPres12 | 1.000 | .892 |
| MotPres13 | 1.000 | .857 |
| MotPres14 | 1.000 | .845 |
| MotPres15 | 1.000 | .752 |
| MotPres16 | 1.000 | .849 |
| MotPres17 | 1.000 | .792 |
| MotPres18 | 1.000 | .720 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.835 | 38.903 | 38.903 | 5.835 | 38.903 | |
| 2 | 2.641 | 17.604 | 56.507 | 2.641 | 17.604 | |
| 3 | 1.341 | 8.943 | 65.450 | 1.341 | 8.943 | |
| 4 | 1.144 | 7.624 | 73.074 | 1.144 | 7.624 | |
| 5 | 1.055 | 7.036 | 80.109 | 1.055 | 7.036 | |
| 6 | .691 | 4.604 | 84.713 | | | |
| 7 | .469 | 3.127 | 87.841 | | | |
| 8 | .424 | 2.829 | 90.670 | | | |
| 9 | .381 | 2.541 | 93.211 | | | |
| 10 | .348 | 2.318 | 95.528 | | | |
| 11 | .216 | 1.440 | 96.968 | | | |
| 12 | .201 | 1.339 | 98.307 | | | |
| 13 | .125 | .833 | 99.140 | | | |
| 14 | .071 | .474 | 99.614 | | | |
| 15 | .058 | .386 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| MotPres1 | .367 | .831 | .076 | -.023 | -.139 |
| MotPres2 | .556 | .414 | -.217 | .376 | -.089 |
| MotPres3 | .461 | .762 | -.099 | .063 | .321 |
| MotPres4 | .600 | -.247 | -.402 | -.359 | .351 |
| MotPres8 | .793 | -.248 | -.276 | .173 | -.032 |
| MotPres9 | .289 | -.492 | .306 | .510 | .394 |
| MotPres10 | .631 | -.160 | .242 | -.179 | .385 |
| MotPres11 | .474 | .001 | -.493 | .483 | -.207 |
| MotPres12 | .393 | .795 | .190 | -.154 | .216 |
| MotPres13 | .679 | -.084 | -.055 | -.401 | -.474 |
| MotPres14 | .727 | -.211 | .485 | -.140 | -.132 |
| MotPres15 | .755 | -.205 | .225 | .096 | -.282 |

| | | | | | |
|---|---|---|---|---|---|
| MotPres16 | .883 | -.148 | -.125 | -.155 | -.091 |
| MotPres17 | .788 | -.224 | -.214 | -.093 | .256 |
| MotPres18 | .608 | .102 | .510 | .260 | -.111 |

Extraction Method: Principal Component Analysis.
a. 5 components extracted.

**Rotated Component Matrix[a]**

| | Component | | | | |
|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 |
| MotPres1 | .192 | -.115 | .845 | .151 | -.252 |
| MotPres2 | .167 | .080 | .506 | .621 | .036 |
| MotPres3 | -.054 | .208 | .907 | .193 | .051 |
| MotPres4 | .043 | .905 | .014 | .107 | -.045 |
| MotPres8 | .386 | .554 | -.007 | .575 | .106 |
| MotPres9 | .250 | .159 | -.219 | .119 | .828 |
| MotPres10 | .408 | .585 | .186 | -.145 | .313 |
| MotPres11 | .072 | .158 | .044 | .843 | .019 |
| MotPres12 | .129 | .093 | .924 | -.105 | -.055 |
| MotPres13 | .648 | .395 | .022 | .181 | -.498 |
| MotPres14 | .856 | .300 | .070 | -.059 | .121 |
| MotPres15 | .772 | .241 | .016 | .303 | .075 |
| MotPres16 | .559 | .635 | .117 | .332 | -.097 |
| MotPres17 | .299 | .774 | .094 | .273 | .140 |
| MotPres18 | .708 | -.038 | .320 | .143 | .305 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 7 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 | 4 | 5 |
|---|---|---|---|---|---|
| 1 | .632 | .587 | .326 | .380 | .077 |
| 2 | -.180 | -.295 | .904 | .031 | -.249 |
| 3 | .600 | -.387 | .117 | -.578 | .378 |
| 4 | -.052 | -.440 | -.005 | .645 | .622 |
| 5 | -.453 | .475 | .250 | -.323 | .634 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10
MotPres11 MotPres12 MotPres13
    MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11
MotPres12 MotPres13
    MotPres14 MotPres15 MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

(Lanjutan Lampiran 2)

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:39:42 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres12 MotPres13<br>MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres12 MotPres13<br>MotPres14 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.16 |
| | Maximum Memory Required | 25128 (24.539K) bytes |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | M |
|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | .069 | |
| | MotPres2 | .468 | 1.000 | .532 | .232 | .452 | |
| | MotPres3 | .715 | .532 | 1.000 | .218 | .192 | |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .517 | |
| | MotPres8 | .069 | .452 | .192 | .517 | 1.000 | |
| | MotPres10 | .045 | .130 | .218 | .413 | .452 | |
| | MotPres11 | .152 | .396 | .240 | .189 | .504 | |
| | MotPres12 | .754 | .393 | .807 | .065 | .056 | |
| | MotPres13 | .230 | .210 | .066 | .414 | .566 | |

(Lanjutan Lampiran 2)

| | | | | | | |
|---|---|---|---|---|---|---|
| | MotPres14 | .135 | .229 | .082 | .344 | .390 |
| | MotPres15 | .162 | .381 | .151 | .299 | .603 |
| | MotPres16 | .256 | .381 | .270 | .632 | .678 |
| | MotPres17 | .059 | .272 | .288 | .657 | .714 |
| | MotPres18 | .317 | .323 | .280 | .036 | .380 |
| Sig. (1-tailed) | MotPres1 | | .005 | .000 | .407 | .358 |
| | MotPres2 | .005 | | .001 | .109 | .006 |
| | MotPres3 | .000 | .001 | | .124 | .155 |
| | MotPres4 | .407 | .109 | .124 | | .002 |
| | MotPres8 | .358 | .006 | .155 | .002 | |
| | MotPres10 | .407 | .246 | .124 | .012 | .006 |
| | MotPres11 | .212 | .015 | .101 | .159 | .002 |
| | MotPres12 | .000 | .016 | .000 | .367 | .384 |
| | MotPres13 | .110 | .132 | .365 | .012 | .001 |
| | MotPres14 | .238 | .111 | .333 | .031 | .017 |
| | MotPres15 | .196 | .019 | .212 | .054 | .000 |
| | MotPres16 | .086 | .019 | .074 | .000 | .000 |
| | MotPres17 | .378 | .073 | .061 | .000 | .000 |
| | MotPres18 | .044 | .041 | .067 | .425 | .019 |

a. Determinant = 2.61E-005

**Inverse of**

| | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPres10 | MotP |
|---|---|---|---|---|---|---|---|
| MotPres1 | 3.675 | -.432 | -1.403 | .826 | .438 | .477 | |
| MotPres2 | -.432 | 2.140 | -.471 | -.424 | -1.049 | .334 | |
| MotPres3 | -1.403 | -.471 | 6.609 | -1.729 | .609 | -.071 | |
| MotPres4 | .826 | -.424 | -1.729 | 3.072 | -.297 | -.297 | |
| MotPres8 | .438 | -1.049 | .609 | -.297 | 4.326 | -.467 | |
| MotPres10 | .477 | .334 | -.071 | -.297 | -.467 | 1.918 | |
| MotPres11 | .079 | -.390 | -1.047 | .663 | -.491 | -.057 | |
| MotPres12 | -1.324 | -.202 | -4.369 | 1.121 | -.125 | -.685 | |
| MotPres13 | -.591 | .563 | 1.740 | -.780 | -1.182 | .009 | |
| MotPres14 | .404 | -.267 | 1.985 | -.655 | 1.799 | -.586 | |
| MotPres15 | -.007 | -.240 | -1.693 | 1.112 | -1.676 | .078 | |
| MotPres16 | -1.305 | -.090 | .344 | -1.234 | .222 | .200 | |
| MotPres17 | .511 | .755 | -.851 | -.792 | -1.929 | -.274 | |
| MotPres18 | -.354 | -.189 | -.611 | .895 | -.460 | -.300 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .745 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 247.999 |
| | Df | 91 |
| | Sig. | .000 |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPre |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .272 | -.055 | -.058 | .073 | |
| | MotPres2 | -.055 | .467 | -.033 | -.064 | |
| | MotPres3 | -.058 | -.033 | .151 | -.085 | |

(Lanjutan Lampiran 2)

| | | | | | |
|---|---|---|---|---|---|
| | MotPres4 | .073 | -.064 | -.085 | .325 |
| | MotPres8 | .028 | -.113 | .021 | -.022 |
| | MotPres10 | .068 | .081 | -.006 | -.050 |
| | MotPres11 | .012 | -.100 | -.087 | .119 |
| | MotPres12 | -.060 | -.016 | -.110 | .061 |
| | MotPres13 | -.053 | .086 | .086 | -.083 |
| | MotPres14 | .023 | -.026 | .062 | -.044 |
| | MotPres15 | .000 | -.027 | -.062 | .087 |
| | MotPres16 | -.057 | -.007 | .008 | -.065 |
| | MotPres17 | .031 | .079 | -.029 | -.058 |
| | MotPres18 | -.044 | -.040 | -.042 | .133 |
| Anti-image Correlation | MotPres1 | .785[a] | -.154 | -.285 | .246 |
| | MotPres2 | -.154 | .811[a] | -.125 | -.165 |
| | MotPres3 | -.285 | -.125 | .601[a] | -.384 |
| | MotPres4 | .246 | -.165 | -.384 | .681[a] |
| | MotPres8 | .110 | -.345 | .114 | -.081 |
| | MotPres10 | .179 | .165 | -.020 | -.122 |
| | MotPres11 | .031 | -.197 | -.302 | .280 |
| | MotPres12 | -.282 | -.057 | -.694 | .261 |
| | MotPres13 | -.176 | .220 | .387 | -.254 |
| | MotPres14 | .096 | -.083 | .352 | -.170 |
| | MotPres15 | -.002 | -.080 | -.323 | .312 |
| | MotPres16 | -.273 | -.025 | .054 | -.283 |
| | MotPres17 | .126 | .245 | -.157 | -.214 |
| | MotPres18 | -.125 | -.087 | -.161 | .345 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres1 | 1.000 | .816 |
| MotPres2 | 1.000 | .667 |
| MotPres3 | 1.000 | .893 |
| MotPres4 | 1.000 | .834 |
| MotPres8 | 1.000 | .788 |
| MotPres10 | 1.000 | .605 |
| MotPres11 | 1.000 | .740 |
| MotPres12 | 1.000 | .902 |
| MotPres13 | 1.000 | .539 |
| MotPres14 | 1.000 | .840 |
| MotPres15 | 1.000 | .745 |
| MotPres16 | 1.000 | .821 |
| MotPres17 | 1.000 | .783 |
| MotPres18 | 1.000 | .669 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.767 | 41.194 | 41.194 | 5.767 | 41.194 | |

| | | | | | |
|---|---|---|---|---|---|
| 2 | 2.473 | 17.662 | 58.856 | 2.473 | 17.662 |
| 3 | 1.312 | 9.369 | 68.225 | 1.312 | 9.369 |
| 4 | 1.092 | 7.797 | 76.022 | 1.092 | 7.797 |
| 5 | .783 | 5.591 | 81.613 | | |
| 6 | .648 | 4.626 | 86.239 | | |
| 7 | .447 | 3.196 | 89.435 | | |
| 8 | .410 | 2.928 | 92.363 | | |
| 9 | .351 | 2.507 | 94.870 | | |
| 10 | .219 | 1.568 | 96.438 | | |
| 11 | .201 | 1.435 | 97.873 | | |
| 12 | .128 | .913 | 98.785 | | |
| 13 | .102 | .726 | 99.511 | | |
| 14 | .068 | .489 | 100.000 | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | | |
|---|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| MotPres1 | .397 | .806 | -.065 | -.070 |
| MotPres2 | .567 | .406 | .307 | -.293 |
| MotPres3 | .482 | .762 | .180 | .218 |
| MotPres4 | .597 | -.302 | .323 | .530 |
| MotPres8 | .783 | -.272 | .291 | -.125 |
| MotPres10 | .622 | -.158 | -.247 | .364 |
| MotPres11 | .474 | -.019 | .566 | -.440 |
| MotPres12 | .416 | .795 | -.162 | .268 |
| MotPres13 | .693 | -.192 | -.129 | -.079 |
| MotPres14 | .716 | -.214 | -.528 | -.050 |
| MotPres15 | .746 | -.215 | -.235 | -.295 |
| MotPres16 | .881 | -.199 | .059 | .047 |
| MotPres17 | .783 | -.263 | .192 | .253 |
| MotPres18 | .602 | .135 | -.438 | -.311 |

Extraction Method: Principal Component Analysis.
a. 4 components extracted.

**Rotated Component Matrix[a]**

| | Component | | | |
|---|---|---|---|---|
| | 1 | 2 | 3 | 4 |
| MotPres1 | .175 | -.118 | .865 | .151 |
| MotPres2 | .185 | .080 | .506 | .609 |
| MotPres3 | -.028 | .213 | .904 | .174 |
| MotPres4 | .030 | .905 | .021 | .118 |
| MotPres8 | .395 | .551 | -.011 | .573 |
| MotPres10 | .458 | .591 | .143 | -.161 |
| MotPres11 | .082 | .150 | .049 | .841 |
| MotPres12 | .133 | .097 | .928 | -.117 |
| MotPres13 | .586 | .380 | .049 | .221 |
| MotPres14 | .861 | .304 | .051 | -.062 |
| MotPres15 | .771 | .242 | .008 | .302 |
| MotPres16 | .537 | .631 | .128 | .343 |
| MotPres17 | .326 | .774 | .072 | .270 |
| MotPres18 | .758 | -.034 | .281 | .120 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]

a. Rotation converged in 5 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 | 4 |
|---|---|---|---|---|
| 1 | .633 | .582 | .344 | .378 |
| 2 | -.179 | -.351 | .919 | .004 |
| 3 | -.665 | .290 | -.022 | .687 |
| 4 | -.353 | .674 | .191 | -.620 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10
MotPres11 MotPres13 MotPres14
    MotPres15 MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11
MotPres13 MotPres14
    MotPres15 MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:52:43 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14<br>MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres1 MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14<br>MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.34 |
| | Maximum Memory Required | 21944 (21.430K) bytes |

**Corr**

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | M |
|---|---|---|---|---|---|---|---|
| Correlation | MotPres1 | 1.000 | .468 | .715 | -.045 | .069 | |
| | MotPres2 | .468 | 1.000 | .532 | .232 | .452 | |
| | MotPres3 | .715 | .532 | 1.000 | .218 | .192 | |
| | MotPres4 | -.045 | .232 | .218 | 1.000 | .517 | |
| | MotPres8 | .069 | .452 | .192 | .517 | 1.000 | |
| | MotPres10 | .045 | .130 | .218 | .413 | .452 | |
| | MotPres11 | .152 | .396 | .240 | .189 | .504 | |
| | MotPres13 | .230 | .210 | .066 | .414 | .566 | |
| | MotPres14 | .135 | .229 | .082 | .344 | .390 | |
| | MotPres15 | .162 | .381 | .151 | .299 | .603 | |
| | MotPres16 | .256 | .381 | .270 | .632 | .678 | |
| | MotPres17 | .059 | .272 | .288 | .657 | .714 | |
| | MotPres18 | .317 | .323 | .280 | .036 | .380 | |
| Sig. (1-tailed) | MotPres1 | | .005 | .000 | .407 | .358 | |
| | MotPres2 | .005 | | .001 | .109 | .006 | |
| | MotPres3 | .000 | .001 | | .124 | .155 | |
| | MotPres4 | .407 | .109 | .124 | | .002 | |
| | MotPres8 | .358 | .006 | .155 | .002 | | |
| | MotPres10 | .407 | .246 | .124 | .012 | .006 | |
| | MotPres11 | .212 | .015 | .101 | .159 | .002 | |
| | MotPres13 | .110 | .132 | .365 | .012 | .001 | |
| | MotPres14 | .238 | .111 | .333 | .031 | .017 | |
| | MotPres15 | .196 | .019 | .212 | .054 | .000 | |
| | MotPres16 | .086 | .019 | .074 | .000 | .000 | |
| | MotPres17 | .378 | .073 | .061 | .000 | .000 | |
| | MotPres18 | .044 | .041 | .067 | .425 | .019 | |

a. Determinant = .000

**Inverse of Correlat**

| | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPres10 | MotP |
|---|---|---|---|---|---|---|---|
| MotPres1 | 3.383 | -.477 | -2.369 | 1.074 | .410 | .325 | |
| MotPres2 | -.477 | 2.133 | -.618 | -.386 | -1.053 | .311 | |
| MotPres3 | -2.369 | -.618 | 3.422 | -.911 | .518 | -.570 | |
| MotPres4 | 1.074 | -.386 | -.911 | 2.862 | -.273 | -.169 | |
| MotPres8 | .410 | -1.053 | .518 | -.273 | 4.324 | -.482 | |
| MotPres10 | .325 | .311 | -.570 | -.169 | -.482 | 1.840 | |
| MotPres11 | .322 | -.352 | -.246 | .458 | -.468 | .068 | |
| MotPres13 | -.903 | .516 | .710 | -.516 | -1.211 | -.153 | |
| MotPres14 | .027 | -.324 | .738 | -.335 | 1.764 | -.781 | |
| MotPres15 | .379 | -.181 | -.416 | .785 | -1.639 | .278 | |
| MotPres16 | -1.251 | -.082 | .523 | -1.280 | .227 | .228 | |
| MotPres17 | .526 | .757 | -.801 | -.805 | -1.928 | -.266 | |
| MotPres18 | -.248 | -.172 | -.262 | .806 | -.450 | -.245 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .762 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 208.859 |
| | Df | 78 |
| | Sig. | .000 |

| | | MotPres1 | MotPres2 | MotPres3 | MotPres4 | MotPre |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres1 | .296 | -.066 | -.205 | .111 | |
| | MotPres2 | -.066 | .469 | -.085 | -.063 | |
| | MotPres3 | -.205 | -.085 | .292 | -.093 | |
| | MotPres4 | .111 | -.063 | -.093 | .349 | |
| | MotPres8 | .028 | -.114 | .035 | -.022 | |
| | MotPres10 | .052 | .079 | -.091 | -.032 | |
| | MotPres11 | .059 | -.102 | -.044 | .099 | |
| | MotPres13 | -.098 | .089 | .076 | -.066 | |
| | MotPres14 | .002 | -.035 | .050 | -.027 | |
| | MotPres15 | .031 | -.023 | -.034 | .075 | |
| | MotPres16 | -.060 | -.006 | .025 | -.072 | |
| | MotPres17 | .035 | .080 | -.053 | -.063 | |
| | MotPres18 | -.034 | -.038 | -.036 | .131 | |
| Anti-image Correlation | MotPres1 | .538[a] | -.178 | -.696 | .345 | |
| | MotPres2 | -.178 | .782[a] | -.229 | -.156 | |
| | MotPres3 | -.696 | -.229 | .589[a] | -.291 | |
| | MotPres4 | .345 | -.156 | -.291 | .738[a] | |
| | MotPres8 | .107 | -.347 | .135 | -.078 | |
| | MotPres10 | .130 | .157 | -.227 | -.074 | |
| | MotPres11 | .137 | -.190 | -.104 | .213 | |
| | MotPres13 | -.297 | .214 | .232 | -.185 | |
| | MotPres14 | .007 | -.107 | .192 | -.095 | |
| | MotPres15 | .108 | -.065 | -.118 | .243 | |

| | | | | |
|---|---|---|---|---|
| MotPres16 | -.273 | -.023 | .114 | -.304 |
| MotPres17 | .136 | .246 | -.205 | -.226 |
| MotPres18 | -.092 | -.081 | -.097 | .325 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres1 | 1.000 | .799 |
| MotPres2 | 1.000 | .637 |
| MotPres3 | 1.000 | .759 |
| MotPres4 | 1.000 | .671 |
| MotPres8 | 1.000 | .745 |
| MotPres10 | 1.000 | .459 |
| MotPres11 | 1.000 | .469 |
| MotPres13 | 1.000 | .535 |
| MotPres14 | 1.000 | .839 |
| MotPres15 | 1.000 | .683 |
| MotPres16 | 1.000 | .821 |
| MotPres17 | 1.000 | .750 |
| MotPres18 | 1.000 | .663 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.628 | 43.290 | 43.290 | 5.628 | 43.290 | |
| 2 | 1.921 | 14.775 | 58.065 | 1.921 | 14.775 | |
| 3 | 1.283 | 9.867 | 67.933 | 1.283 | 9.867 | |
| 4 | .975 | 7.500 | 75.432 | | | |
| 5 | .780 | 6.000 | 81.432 | | | |
| 6 | .628 | 4.831 | 86.263 | | | |
| 7 | .446 | 3.429 | 89.693 | | | |
| 8 | .409 | 3.144 | 92.836 | | | |
| 9 | .350 | 2.688 | 95.525 | | | |
| 10 | .218 | 1.678 | 97.203 | | | |
| 11 | .144 | 1.110 | 98.312 | | | |
| 12 | .125 | .965 | 99.277 | | | |
| 13 | .094 | .723 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| MotPres1 | .330 | .811 | -.182 |
| MotPres2 | .543 | .562 | .159 |
| MotPres3 | .416 | .755 | .125 |
| MotPres4 | .616 | -.287 | .458 |
| MotPres8 | .808 | -.135 | .273 |
| MotPres10 | .623 | -.222 | -.144 |
| MotPres11 | .487 | .192 | .441 |
| MotPres13 | .701 | -.176 | -.112 |

| | | | |
|---|---|---|---|
| MotPres14 | .726 | -.233 | -.508 |
| MotPres15 | .765 | -.120 | -.290 |
| MotPres16 | .894 | -.126 | .078 |
| MotPres17 | .801 | -.206 | .258 |
| MotPres18 | .592 | .178 | -.530 |

Extraction Method: Principal Component Analysis.
a. 3 components extracted.

**Rotated Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| MotPres1 | .177 | -.125 | .867 |
| MotPres2 | .138 | .321 | .717 |
| MotPres3 | .033 | .164 | .855 |
| MotPres4 | .163 | .801 | -.048 |
| MotPres8 | .390 | .755 | .153 |
| MotPres10 | .574 | .359 | -.005 |
| MotPres11 | -.017 | .582 | .360 |
| MotPres13 | .595 | .420 | .065 |
| MotPres14 | .901 | .167 | .006 |
| MotPres15 | .750 | .320 | .133 |
| MotPres16 | .583 | .669 | .184 |
| MotPres17 | .411 | .758 | .084 |
| MotPres18 | .735 | -.041 | .347 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 6 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 |
|---|---|---|---|
| 1 | .683 | .649 | .335 |
| 2 | -.217 | -.258 | .941 |
| 3 | -.698 | .715 | .036 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11
MotPres13 MotPres14 MotPres15
    MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11
MotPres13 MotPres14 MotPres15
    MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

(Lanjutan Lampiran 2)

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:54:18 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15<br>MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres2 MotPres3 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15<br>MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.14 |
| | Maximum Memory Required | 18976 (18.531K) bytes |

**Correlation**

| | | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPres10 | M |
|---|---|---|---|---|---|---|---|
| Correlation | MotPres2 | 1.000 | .532 | .232 | .452 | .130 | |
| | MotPres3 | .532 | 1.000 | .218 | .192 | .218 | |
| | MotPres4 | .232 | .218 | 1.000 | .517 | .413 | |
| | MotPres8 | .452 | .192 | .517 | 1.000 | .452 | |
| | MotPres10 | .130 | .218 | .413 | .452 | 1.000 | |
| | MotPres11 | .396 | .240 | .189 | .504 | .148 | |
| | MotPres13 | .210 | .066 | .414 | .566 | .374 | |
| | MotPres14 | .229 | .082 | .344 | .390 | .516 | |
| | MotPres15 | .381 | .151 | .299 | .603 | .381 | |
| | MotPres16 | .381 | .270 | .632 | .678 | .462 | |
| | MotPres17 | .272 | .288 | .657 | .714 | .538 | |
| | MotPres18 | .323 | .280 | .036 | .380 | .413 | |

(Lanjutan Lampiran 2)

| | | | | | | |
|---|---|---|---|---|---|---|
| Sig. (1-tailed) | MotPres2 | | .001 | .109 | .006 | .246 |
| | MotPres3 | .001 | | .124 | .155 | .124 |
| | MotPres4 | .109 | .124 | | .002 | .012 |
| | MotPres8 | .006 | .155 | .002 | | .006 |
| | MotPres10 | .246 | .124 | .012 | .006 | |
| | MotPres11 | .015 | .101 | .159 | .002 | .217 |
| | MotPres13 | .132 | .365 | .012 | .001 | .021 |
| | MotPres14 | .111 | .333 | .031 | .017 | .002 |
| | MotPres15 | .019 | .212 | .054 | .000 | .019 |
| | MotPres16 | .019 | .074 | .000 | .000 | .005 |
| | MotPres17 | .073 | .061 | .000 | .000 | .001 |
| | MotPres18 | .041 | .067 | .425 | .019 | .012 |

a. Determinant = .001

**Inverse of Correlation Mat**

| | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPres10 | MotPres11 | Mot |
|---|---|---|---|---|---|---|---|
| MotPres2 | 2.066 | -.952 | -.235 | -.996 | .357 | -.307 | |
| MotPres3 | -.952 | 1.763 | -.159 | .805 | -.342 | -.020 | |
| MotPres4 | -.235 | -.159 | 2.521 | -.403 | -.272 | .356 | |
| MotPres8 | -.996 | .805 | -.403 | 4.274 | -.521 | -.507 | |
| MotPres10 | .357 | -.342 | -.272 | -.521 | 1.809 | .037 | |
| MotPres11 | -.307 | -.020 | .356 | -.507 | .037 | 1.590 | |
| MotPres13 | .388 | .078 | -.229 | -1.102 | -.066 | -.062 | |
| MotPres14 | -.321 | .757 | -.344 | 1.760 | -.784 | .467 | |
| MotPres15 | -.127 | -.151 | .664 | -1.685 | .242 | .121 | |
| MotPres16 | -.258 | -.353 | -.883 | .378 | .348 | -.629 | |
| MotPres17 | .832 | -.432 | -.972 | -1.992 | -.317 | -.158 | |
| MotPres18 | -.207 | -.436 | .885 | -.420 | -.221 | -.083 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .775 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 182.328 |
| | Df | 66 |
| | Sig. | .000 |

**Anti-im**

| | | MotPres2 | MotPres3 | MotPres4 | MotPres8 | MotPre |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres2 | .484 | -.261 | -.045 | -.113 | |
| | MotPres3 | -.261 | .567 | -.036 | .107 | |
| | MotPres4 | -.045 | -.036 | .397 | -.037 | |
| | MotPres8 | -.113 | .107 | -.037 | .234 | |
| | MotPres10 | .096 | -.107 | -.060 | -.067 | |
| | MotPres11 | -.094 | -.007 | .089 | -.075 | |
| | MotPres13 | .076 | .018 | -.037 | -.104 | |
| | MotPres14 | -.036 | .099 | -.031 | .095 | |
| | MotPres15 | -.017 | -.024 | .073 | -.110 | |
| | MotPres16 | -.022 | -.035 | -.061 | .015 | |
| | MotPres17 | .092 | -.056 | -.088 | -.107 | |
| | MotPres18 | -.047 | -.116 | .165 | -.046 | |

(Lanjutan Lampiran 2)

| | | | | | |
|---|---|---|---|---|---|
| Anti-image Correlation | MotPres2 | .692[a] | -.499 | -.103 | -.335 |
| | MotPres3 | -.499 | .576[a] | -.075 | .293 |
| | MotPres4 | -.103 | -.075 | .805[a] | -.123 |
| | MotPres8 | -.335 | .293 | -.123 | .746[a] |
| | MotPres10 | .185 | -.192 | -.127 | -.187 |
| | MotPres11 | -.169 | -.012 | .178 | -.195 |
| | MotPres13 | .171 | .037 | -.091 | -.338 |
| | MotPres14 | -.107 | .274 | -.104 | .409 |
| | MotPres15 | -.047 | -.060 | .221 | -.430 |
| | MotPres16 | -.075 | -.111 | -.232 | .076 |
| | MotPres17 | .277 | -.156 | -.293 | -.461 |
| | MotPres18 | -.099 | -.225 | .382 | -.139 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres2 | 1.000 | .729 |
| MotPres3 | 1.000 | .621 |
| MotPres4 | 1.000 | .755 |
| MotPres8 | 1.000 | .722 |
| MotPres10 | 1.000 | .457 |
| MotPres11 | 1.000 | .491 |
| MotPres13 | 1.000 | .560 |
| MotPres14 | 1.000 | .836 |
| MotPres15 | 1.000 | .697 |
| MotPres16 | 1.000 | .834 |
| MotPres17 | 1.000 | .749 |
| MotPres18 | 1.000 | .750 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.539 | 46.158 | 46.158 | 5.539 | 46.158 | |
| 2 | 1.455 | 12.126 | 58.284 | 1.455 | 12.126 | |
| 3 | 1.206 | 10.052 | 68.336 | 1.206 | 10.052 | |
| 4 | .952 | 7.936 | 76.271 | | | |
| 5 | .718 | 5.987 | 82.258 | | | |
| 6 | .522 | 4.349 | 86.607 | | | |
| 7 | .436 | 3.637 | 90.244 | | | |
| 8 | .408 | 3.401 | 93.645 | | | |
| 9 | .333 | 2.773 | 96.418 | | | |
| 10 | .202 | 1.682 | 98.100 | | | |
| 11 | .130 | 1.084 | 99.184 | | | |
| 12 | .098 | .816 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |

| | | | |
|---|---|---|---|
| MotPres2 | .517 | .647 | .208 |
| MotPres3 | .371 | .676 | .160 |
| MotPres4 | .633 | -.053 | -.593 |
| MotPres8 | .819 | .098 | -.202 |
| MotPres10 | .634 | -.234 | .030 |
| MotPres11 | .485 | .483 | -.151 |
| MotPres13 | .702 | -.255 | -.044 |
| MotPres14 | .733 | -.419 | .351 |
| MotPres15 | .770 | -.179 | .269 |
| MotPres16 | .896 | -.083 | -.154 |
| MotPres17 | .814 | -.016 | -.295 |
| MotPres18 | .580 | -.013 | .642 |

Extraction Method: Principal Component Analysis.
a. 3 components extracted.

**Rotated Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| MotPres2 | .120 | .206 | .820 |
| MotPres3 | .050 | .071 | .783 |
| MotPres4 | .866 | .018 | .076 |
| MotPres8 | .693 | .338 | .357 |
| MotPres10 | .444 | .509 | .031 |
| MotPres11 | .377 | .009 | .590 |
| MotPres13 | .546 | .511 | .022 |
| MotPres14 | .306 | .860 | -.040 |
| MotPres15 | .359 | .733 | .176 |
| MotPres16 | .736 | .489 | .231 |
| MotPres17 | .771 | .317 | .234 |
| MotPres18 | -.061 | .799 | .328 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 7 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 |
|---|---|---|---|
| 1 | .685 | .625 | .374 |
| 2 | -.132 | -.398 | .908 |
| 3 | -.716 | .672 | .190 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres2 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13
MotPres14 MotPres15 MotPres16
    MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres2 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13
MotPres14 MotPres15 MotPres16
    MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
```

```
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:55:26 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres2 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15 MotPres16<br>MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres2 MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15 MotPres16<br>MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.11 |
| | Maximum Memory Required | 16224 (15.844K) bytes |

**Correlation Matrix[a]**

| | | MotPres2 | MotPres4 | MotPres8 | MotPres10 | MotPres11 |
|---|---|---|---|---|---|---|
| Correlation | MotPres2 | 1.000 | .232 | .452 | .130 | .396 |
| | MotPres4 | .232 | 1.000 | .517 | .413 | .189 |
| | MotPres8 | .452 | .517 | 1.000 | .452 | .504 |
| | MotPres10 | .130 | .413 | .452 | 1.000 | .148 |
| | MotPres11 | .396 | .189 | .504 | .148 | 1.000 |
| | MotPres13 | .210 | .414 | .566 | .374 | .294 |
| | MotPres14 | .229 | .344 | .390 | .516 | .092 |

(Lanjutan Lampiran 2)

| | | | | | | |
|---|---|---|---|---|---|---|
| | MotPres15 | .381 | .299 | .603 | .381 | .265 |
| | MotPres16 | .381 | .632 | .678 | .462 | .412 |
| | MotPres17 | .272 | .657 | .714 | .538 | .375 |
| | MotPres18 | .323 | .036 | .380 | .413 | .219 |
| Sig. (1-tailed) | MotPres2 | | .109 | .006 | .246 | .015 |
| | MotPres4 | .109 | | .002 | .012 | .159 |
| | MotPres8 | .006 | .002 | | .006 | .002 |
| | MotPres10 | .246 | .012 | .006 | | .217 |
| | MotPres11 | .015 | .159 | .002 | .217 | |
| | MotPres13 | .132 | .012 | .001 | .021 | .058 |
| | MotPres14 | .111 | .031 | .017 | .002 | .315 |
| | MotPres15 | .019 | .054 | .000 | .019 | .079 |
| | MotPres16 | .019 | .000 | .000 | .005 | .012 |
| | MotPres17 | .073 | .000 | .000 | .001 | .021 |
| | MotPres18 | .041 | .425 | .019 | .012 | .122 |

a. Determinant = .001

**Inverse of Correlation Matrix**

| | MotPres2 | MotPres4 | MotPres8 | MotPres10 | MotPres11 | MotPres13 | M |
|---|---|---|---|---|---|---|---|
| MotPres2 | 1.551 | -.321 | -.561 | .172 | -.318 | .430 | |
| MotPres4 | -.321 | 2.507 | -.331 | -.303 | .354 | -.222 | |
| MotPres8 | -.561 | -.331 | 3.907 | -.365 | -.498 | -1.137 | |
| MotPres10 | .172 | -.303 | -.365 | 1.742 | .033 | -.051 | |
| MotPres11 | -.318 | .354 | -.498 | .033 | 1.590 | -.061 | |
| MotPres13 | .430 | -.222 | -1.137 | -.051 | -.061 | 2.481 | |
| MotPres14 | .088 | -.275 | 1.415 | -.637 | .475 | -.527 | |
| MotPres15 | -.208 | .651 | -1.616 | .212 | .119 | .383 | |
| MotPres16 | -.449 | -.914 | .539 | .280 | -.633 | -1.702 | |
| MotPres17 | .598 | -1.011 | -1.795 | -.401 | -.163 | 1.321 | |
| MotPres18 | -.443 | .845 | -.221 | -.306 | -.088 | -.284 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .794 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 170.948 |
| | Df | 55 |
| | Sig. | .000 |

**Anti-image Ma**

| | | MotPres2 | MotPres4 | MotPres8 | MotPres10 | MotP |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres2 | .645 | -.082 | -.093 | .064 | |
| | MotPres4 | -.082 | .399 | -.034 | -.069 | |
| | MotPres8 | -.093 | -.034 | .256 | -.054 | |
| | MotPres10 | .064 | -.069 | -.054 | .574 | |
| | MotPres11 | -.129 | .089 | -.080 | .012 | |
| | MotPres13 | .112 | -.036 | -.117 | -.012 | |
| | MotPres14 | .014 | -.027 | .090 | -.091 | |
| | MotPres15 | -.038 | .073 | -.116 | .034 | |
| | MotPres16 | -.051 | -.064 | .024 | .028 | |

| | | | | | |
|---|---|---|---|---|---|
| | MotPres17 | .090 | -.095 | -.108 | -.054 |
| | MotPres18 | -.141 | .167 | -.028 | -.087 |
| Anti-image Correlation | MotPres2 | .753[a] | -.163 | -.228 | .105 |
| | MotPres4 | -.163 | .795[a] | -.106 | -.145 |
| | MotPres8 | -.228 | -.106 | .786[a] | -.140 |
| | MotPres10 | .105 | -.145 | -.140 | .904[a] |
| | MotPres11 | -.203 | .177 | -.200 | .020 |
| | MotPres13 | .219 | -.089 | -.365 | -.024 |
| | MotPres14 | .035 | -.087 | .358 | -.241 |
| | MotPres15 | -.088 | .217 | -.432 | .085 |
| | MotPres16 | -.151 | -.243 | .115 | .089 |
| | MotPres17 | .233 | -.309 | -.440 | -.147 |
| | MotPres18 | -.250 | .375 | -.079 | -.163 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres2 | 1.000 | .643 |
| MotPres4 | 1.000 | .814 |
| MotPres8 | 1.000 | .766 |
| MotPres10 | 1.000 | .542 |
| MotPres11 | 1.000 | .705 |
| MotPres13 | 1.000 | .523 |
| MotPres14 | 1.000 | .837 |
| MotPres15 | 1.000 | .703 |
| MotPres16 | 1.000 | .829 |
| MotPres17 | 1.000 | .761 |
| MotPres18 | 1.000 | .728 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.424 | 49.311 | 49.311 | 5.424 | 49.311 | |
| 2 | 1.261 | 11.463 | 60.774 | 1.261 | 11.463 | |
| 3 | 1.167 | 10.605 | 71.379 | 1.167 | 10.605 | |
| 4 | .749 | 6.808 | 78.187 | | | |
| 5 | .667 | 6.062 | 84.250 | | | |
| 6 | .483 | 4.391 | 88.641 | | | |
| 7 | .414 | 3.763 | 92.404 | | | |
| 8 | .379 | 3.450 | 95.853 | | | |
| 9 | .210 | 1.911 | 97.764 | | | |
| 10 | .144 | 1.309 | 99.073 | | | |
| 11 | .102 | .927 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |

| | | | |
|---|---|---|---|
| MotPres2 | .488 | .387 | .505 |
| MotPres4 | .633 | .244 | -.595 |
| MotPres8 | .825 | .292 | .010 |
| MotPres10 | .635 | -.292 | -.233 |
| MotPres11 | .477 | .611 | .324 |
| MotPres13 | .716 | -.088 | -.053 |
| MotPres14 | .746 | -.525 | .066 |
| MotPres15 | .779 | -.224 | .216 |
| MotPres16 | .899 | .055 | -.132 |
| MotPres17 | .813 | .139 | -.284 |
| MotPres18 | .574 | -.390 | .497 |

Extraction Method: Principal Component Analysis.
a. 3 components extracted.

**Rotated Component Matrix[a]**

| | Component | | |
|---|---|---|---|
| | 1 | 2 | 3 |
| MotPres2 | .052 | .233 | .766 |
| MotPres4 | .899 | -.015 | .078 |
| MotPres8 | .611 | .308 | .545 |
| MotPres10 | .538 | .496 | -.083 |
| MotPres11 | .217 | .001 | .811 |
| MotPres13 | .506 | .477 | .197 |
| MotPres14 | .356 | .842 | -.026 |
| MotPres15 | .332 | .715 | .286 |
| MotPres16 | .715 | .460 | .326 |
| MotPres17 | .780 | .290 | .260 |
| MotPres18 | -.039 | .814 | .251 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 6 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 | 3 |
|---|---|---|---|
| 1 | .679 | .612 | .406 |
| 2 | .199 | -.686 | .700 |
| 3 | -.706 | .395 | .588 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
DATASET ACTIVATE DataSet1.

SAVE OUTFILE='C:\Users\Niam\Documents\Niam\Pretest.sav'
  /COMPRESSED.
FACTOR
  /VARIABLES MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14
MotPres15 MotPres16
    MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14
MotPres15 MotPres16 MotPres17
    MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
```

```
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:57:57 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15 MotPres16<br>MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres14 MotPres15 MotPres16 MotPres17<br>MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.05 |
| | Maximum Memory Required | 13688 (13.367K) bytes |

**Correlation Matrix[a]**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres11 | MotPres13 |
|---|---|---|---|---|---|---|
| Correlation | MotPres4 | 1.000 | .517 | .413 | .189 | .414 |
| | MotPres8 | .517 | 1.000 | .452 | .504 | .566 |
| | MotPres10 | .413 | .452 | 1.000 | .148 | .374 |
| | MotPres11 | .189 | .504 | .148 | 1.000 | .294 |
| | MotPres13 | .414 | .566 | .374 | .294 | 1.000 |
| | MotPres14 | .344 | .390 | .516 | .092 | .535 |

(Lanjutan Lampiran 2)

| | | | | | | |
|---|---|---|---|---|---|---|
| | MotPres15 | .299 | .603 | .381 | .265 | .518 |
| | MotPres16 | .632 | .678 | .462 | .412 | .683 |
| | MotPres17 | .657 | .714 | .538 | .375 | .415 |
| | MotPres18 | .036 | .380 | .413 | .219 | .358 |
| Sig. (1-tailed) | MotPres4 | | .002 | .012 | .159 | .012 |
| | MotPres8 | .002 | | .006 | .002 | .001 |
| | MotPres10 | .012 | .006 | | .217 | .021 |
| | MotPres11 | .159 | .002 | .217 | | .058 |
| | MotPres13 | .012 | .001 | .021 | .058 | |
| | MotPres14 | .031 | .017 | .002 | .315 | .001 |
| | MotPres15 | .054 | .000 | .019 | .079 | .002 |
| | MotPres16 | .000 | .000 | .005 | .012 | .000 |
| | MotPres17 | .000 | .000 | .001 | .021 | .011 |
| | MotPres18 | .425 | .019 | .012 | .122 | .026 |

a. Determinant = .001

**Inverse of Correlation Matrix**

| | MotPres4 | MotPres8 | MotPres10 | MotPres11 | MotPres13 | MotPres14 |
|---|---|---|---|---|---|---|
| MotPres4 | 2.441 | -.447 | -.267 | .288 | -.133 | -.257 |
| MotPres8 | -.447 | 3.704 | -.303 | -.613 | -.982 | 1.447 |
| MotPres10 | -.267 | -.303 | 1.723 | .069 | -.099 | -.647 |
| MotPres11 | .288 | -.613 | .069 | 1.524 | .027 | .494 |
| MotPres13 | -.133 | -.982 | -.099 | .027 | 2.361 | -.552 |
| MotPres14 | -.257 | 1.447 | -.647 | .494 | -.552 | 4.000 |
| MotPres15 | .607 | -1.692 | .236 | .077 | .441 | -2.089 |
| MotPres16 | -1.007 | .377 | .329 | -.726 | -1.577 | -.855 |
| MotPres17 | -.888 | -1.578 | -.467 | -.041 | 1.156 | -.399 |
| MotPres18 | .754 | -.381 | -.256 | -.179 | -.161 | -1.033 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .800 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 162.367 |
| | Df | 45 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres11 |
|---|---|---|---|---|---|
| Anti-image Covariance | MotPres4 | .410 | -.049 | -.064 | .077 |
| | MotPres8 | -.049 | .270 | -.047 | -.109 |
| | MotPres10 | -.064 | -.047 | .580 | .026 |
| | MotPres11 | .077 | -.109 | .026 | .656 |
| | MotPres13 | -.023 | -.112 | -.024 | .008 |
| | MotPres14 | -.026 | .098 | -.094 | .081 |
| | MotPres15 | .070 | -.129 | .039 | .014 |
| | MotPres16 | -.075 | .018 | .035 | -.086 |
| | MotPres17 | -.090 | -.106 | -.067 | -.007 |
| | MotPres18 | .163 | -.054 | -.078 | -.062 |
| Anti-image Correlation | MotPres4 | .811[a] | -.149 | -.130 | .149 |

| | | | | |
|---|---|---|---|---|
| MotPres8 | -.149 | .777[a] | -.120 | -.258 |
| MotPres10 | -.130 | -.120 | .906[a] | .042 |
| MotPres11 | .149 | -.258 | .042 | .802[a] |
| MotPres13 | -.055 | -.332 | -.049 | .014 |
| MotPres14 | -.082 | .376 | -.246 | .200 |
| MotPres15 | .206 | -.467 | .095 | .033 |
| MotPres16 | -.274 | .083 | .107 | -.250 |
| MotPres17 | -.283 | -.408 | -.177 | -.016 |
| MotPres18 | .350 | -.144 | -.142 | -.105 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres4 | 1.000 | .648 |
| MotPres8 | 1.000 | .734 |
| MotPres10 | 1.000 | .445 |
| MotPres11 | 1.000 | .374 |
| MotPres13 | 1.000 | .530 |
| MotPres14 | 1.000 | .815 |
| MotPres15 | 1.000 | .687 |
| MotPres16 | 1.000 | .828 |
| MotPres17 | 1.000 | .747 |
| MotPres18 | 1.000 | .646 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.222 | 52.221 | 52.221 | 5.222 | 52.221 | |
| 2 | 1.233 | 12.330 | 64.552 | 1.233 | 12.330 | |
| 3 | .986 | 9.864 | 74.416 | | | |
| 4 | .749 | 7.489 | 81.905 | | | |
| 5 | .525 | 5.254 | 87.159 | | | |
| 6 | .417 | 4.168 | 91.326 | | | |
| 7 | .381 | 3.813 | 95.139 | | | |
| 8 | .232 | 2.324 | 97.463 | | | |
| 9 | .147 | 1.471 | 98.934 | | | |
| 10 | .107 | 1.066 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .640 | .489 |
| MotPres8 | .816 | .263 |
| MotPres10 | .652 | -.142 |
| MotPres11 | .455 | .409 |
| MotPres13 | .727 | -.035 |
| MotPres14 | .758 | -.490 |
| MotPres15 | .775 | -.294 |

| | | |
|---|---|---|
| MotPres16 | .902 | .120 |
| MotPres17 | .822 | .266 |
| MotPres18 | .567 | -.570 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .798 | .103 |
| MotPres8 | .765 | .387 |
| MotPres10 | .363 | .560 |
| MotPres11 | .611 | .030 |
| MotPres13 | .493 | .536 |
| MotPres14 | .194 | .882 |
| MotPres15 | .344 | .754 |
| MotPres16 | .725 | .550 |
| MotPres17 | .772 | .389 |
| MotPres18 | .002 | .804 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .711 | .704 |
| 2 | .704 | -.711 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres15
MotPres16 MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres15
MotPres16 MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

(Lanjutan Lampiran 2)

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 17:59:38 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres4 MotPres8 MotPres10 MotPres11 MotPres13 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.08 |
| | Elapsed Time | 00:00:00.11 |
| | Maximum Memory Required | 11368 (11.102K) bytes |

**Correlation Matrix[a]**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres11 | MotPres13 |
|---|---|---|---|---|---|---|
| Correlation | MotPres4 | 1.000 | .517 | .413 | .189 | .414 |
| | MotPres8 | .517 | 1.000 | .452 | .504 | .566 |
| | MotPres10 | .413 | .452 | 1.000 | .148 | .374 |
| | MotPres11 | .189 | .504 | .148 | 1.000 | .294 |
| | MotPres13 | .414 | .566 | .374 | .294 | 1.000 |
| | MotPres15 | .299 | .603 | .381 | .265 | .518 |
| | MotPres16 | .632 | .678 | .462 | .412 | .683 |
| | MotPres17 | .657 | .714 | .538 | .375 | .415 |
| | MotPres18 | .036 | .380 | .413 | .219 | .358 |
| Sig. (1-tailed) | MotPres4 | | .002 | .012 | .159 | .012 |
| | MotPres8 | .002 | | .006 | .002 | .001 |
| | MotPres10 | .012 | .006 | | .217 | .021 |
| | MotPres11 | .159 | .002 | .217 | | .058 |
| | MotPres13 | .012 | .001 | .021 | .058 | |
| | MotPres15 | .054 | .000 | .019 | .079 | .002 |
| | MotPres16 | .000 | .000 | .005 | .012 | .000 |

| | | | | | |
|---|---|---|---|---|---|
| MotPres17 | .000 | .000 | .001 | .021 | .011 |
| MotPres18 | .425 | .019 | .012 | .122 | .026 |

a. Determinant = .006

**Inverse of Correlation Matrix**

| | MotPres4 | MotPres8 | MotPres10 | MotPres11 | MotPres13 | MotPres15 |
|---|---|---|---|---|---|---|
| MotPres4 | 2.424 | -.354 | -.309 | .320 | -.168 | .473 |
| MotPres8 | -.354 | 3.181 | -.069 | -.792 | -.782 | -.936 |
| MotPres10 | -.309 | -.069 | 1.618 | .148 | -.188 | -.102 |
| MotPres11 | .320 | -.792 | .148 | 1.463 | .095 | .334 |
| MotPres13 | -.168 | -.782 | -.188 | .095 | 2.285 | .152 |
| MotPres15 | .473 | -.936 | -.102 | .334 | .152 | 2.458 |
| MotPres16 | -1.062 | .686 | .191 | -.620 | -1.695 | -1.795 |
| MotPres17 | -.913 | -1.434 | -.531 | .009 | 1.100 | .516 |
| MotPres18 | .687 | -.007 | -.423 | -.051 | -.304 | -.391 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .794 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 129.659 |
| | Df | 36 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres11 |
|---|---|---|---|---|---|
| Anti-image Covariance | MotPres4 | .412 | -.046 | -.079 | .090 |
| | MotPres8 | -.046 | .314 | -.013 | -.170 |
| | MotPres10 | -.079 | -.013 | .618 | .063 |
| | MotPres11 | .090 | -.170 | .063 | .683 |
| | MotPres13 | -.030 | -.108 | -.051 | .029 |
| | MotPres15 | .079 | -.120 | -.026 | .093 |
| | MotPres16 | -.082 | .040 | .022 | -.079 |
| | MotPres17 | -.094 | -.113 | -.082 | .001 |
| | MotPres18 | .174 | -.001 | -.161 | -.021 |
| Anti-image Correlation | MotPres4 | .795[a] | -.127 | -.156 | .170 |
| | MotPres8 | -.127 | .824[a] | -.030 | -.367 |
| | MotPres10 | -.156 | -.030 | .893[a] | .096 |
| | MotPres11 | .170 | -.367 | .096 | .763[a] |
| | MotPres13 | -.072 | -.290 | -.098 | .052 |
| | MotPres15 | .194 | -.335 | -.051 | .176 |
| | MotPres16 | -.295 | .166 | .065 | -.222 |
| | MotPres17 | -.294 | -.402 | -.209 | .004 |
| | MotPres18 | .346 | -.003 | -.261 | -.033 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres4 | 1.000 | .844 |
| MotPres8 | 1.000 | .726 |

| | | |
|---|---|---|
| MotPres10 | 1.000 | .414 |
| MotPres11 | 1.000 | .258 |
| MotPres13 | 1.000 | .531 |
| MotPres15 | 1.000 | .634 |
| MotPres16 | 1.000 | .822 |
| MotPres17 | 1.000 | .758 |
| MotPres18 | 1.000 | .785 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.706 | 52.284 | 52.284 | 4.706 | 52.284 | |
| 2 | 1.067 | 11.856 | 64.139 | 1.067 | 11.856 | |
| 3 | .923 | 10.257 | 74.396 | | | |
| 4 | .719 | 7.989 | 82.385 | | | |
| 5 | .513 | 5.695 | 88.080 | | | |
| 6 | .414 | 4.604 | 92.684 | | | |
| 7 | .314 | 3.489 | 96.173 | | | |
| 8 | .232 | 2.581 | 98.754 | | | |
| 9 | .112 | 1.246 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .665 | -.634 |
| MotPres8 | .852 | -.029 |
| MotPres10 | .641 | .056 |
| MotPres11 | .503 | .074 |
| MotPres13 | .724 | .084 |
| MotPres15 | .740 | .294 |
| MotPres16 | .901 | -.104 |
| MotPres17 | .841 | -.224 |
| MotPres18 | .532 | .708 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .915 | -.081 |
| MotPres8 | .684 | .509 |
| MotPres10 | .466 | .444 |
| MotPres11 | .347 | .371 |
| MotPres13 | .513 | .518 |
| MotPres15 | .395 | .691 |
| MotPres16 | .769 | .481 |
| MotPres17 | .797 | .350 |
| MotPres18 | -.026 | .886 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .781 | .624 |
| 2 | -.624 | .781 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16
MotPres17 MotPres18
  /MISSING LISTWISE
  /ANALYSIS MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16
MotPres17 MotPres18
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 18:00:59 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16 MotPres17 MotPres18<br>/MISSING LISTWISE<br>/ANALYSIS MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16 MotPres17 MotPres18<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.09 |
| | Elapsed Time | 00:00:00.13 |
| | Maximum Memory Required | 9264 (9.047K) bytes |

**Correlation Matrix[a]**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres13 | MotPres15 |
|---|---|---|---|---|---|---|
| Correlation | MotPres4 | 1.000 | .517 | .413 | .414 | .299 |
| | MotPres8 | .517 | 1.000 | .452 | .566 | .603 |
| | MotPres10 | .413 | .452 | 1.000 | .374 | .381 |
| | MotPres13 | .414 | .566 | .374 | 1.000 | .518 |
| | MotPres15 | .299 | .603 | .381 | .518 | 1.000 |
| | MotPres16 | .632 | .678 | .462 | .683 | .690 |
| | MotPres17 | .657 | .714 | .538 | .415 | .490 |
| | MotPres18 | .036 | .380 | .413 | .358 | .458 |
| Sig. (1-tailed) | MotPres4 | | .002 | .012 | .012 | .054 |
| | MotPres8 | .002 | | .006 | .001 | .000 |
| | MotPres10 | .012 | .006 | | .021 | .019 |
| | MotPres13 | .012 | .001 | .021 | | .002 |
| | MotPres15 | .054 | .000 | .019 | .002 | |
| | MotPres16 | .000 | .000 | .005 | .000 | .000 |
| | MotPres17 | .000 | .000 | .001 | .011 | .003 |
| | MotPres18 | .425 | .019 | .012 | .026 | .006 |

a. Determinant = .008

**Inverse of Correlation Matrix**

| | MotPres4 | MotPres8 | MotPres10 | MotPres13 | MotPres15 | MotPres16 |
|---|---|---|---|---|---|---|
| MotPres4 | 2.355 | -.181 | -.341 | -.189 | .400 | -.927 |
| MotPres8 | -.181 | 2.752 | .012 | -.731 | -.755 | .351 |
| MotPres10 | -.341 | .012 | 1.603 | -.198 | -.136 | .254 |
| MotPres13 | -.189 | -.731 | -.198 | 2.279 | .131 | -1.655 |
| MotPres15 | .400 | -.755 | -.136 | .131 | 2.381 | -1.654 |
| MotPres16 | -.927 | .351 | .254 | -1.655 | -1.654 | 5.084 |
| MotPres17 | -.915 | -1.429 | -.532 | 1.100 | .514 | -2.119 |
| MotPres18 | .699 | -.035 | -.418 | -.300 | -.379 | .029 |

(Lanjutan Lampiran 2)

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .801 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 121.666 |
| | Df | 28 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres13 | Mot |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres4 | .425 | -.028 | -.090 | -.035 | |
| | MotPres8 | -.028 | .363 | .003 | -.116 | |
| | MotPres10 | -.090 | .003 | .624 | -.054 | |
| | MotPres13 | -.035 | -.116 | -.054 | .439 | |
| | MotPres15 | .071 | -.115 | -.036 | .024 | |
| | MotPres16 | -.077 | .025 | .031 | -.143 | |
| | MotPres17 | -.097 | -.130 | -.083 | .121 | |
| | MotPres18 | .182 | -.008 | -.160 | -.081 | |
| Anti-image Correlation | MotPres4 | .810[a] | -.071 | -.176 | -.082 | |
| | MotPres8 | -.071 | .859[a] | .006 | -.292 | |
| | MotPres10 | -.176 | .006 | .890[a] | -.103 | |
| | MotPres13 | -.082 | -.292 | -.103 | .770[a] | |
| | MotPres15 | .169 | -.295 | -.070 | .056 | |
| | MotPres16 | -.268 | .094 | .089 | -.486 | |
| | MotPres17 | -.299 | -.431 | -.210 | .365 | |
| | MotPres18 | .357 | -.017 | -.259 | -.156 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres4 | 1.000 | .845 |
| MotPres8 | 1.000 | .703 |
| MotPres10 | 1.000 | .443 |
| MotPres13 | 1.000 | .538 |
| MotPres15 | 1.000 | .650 |
| MotPres16 | 1.000 | .822 |
| MotPres17 | 1.000 | .758 |
| MotPres18 | 1.000 | .803 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.496 | 56.200 | 56.200 | 4.496 | 56.200 | |
| 2 | 1.066 | 13.325 | 69.526 | 1.066 | 13.325 | |
| 3 | .759 | 9.482 | 79.007 | | | |
| 4 | .537 | 6.709 | 85.716 | | | |
| 5 | .427 | 5.333 | 91.049 | | | |
| 6 | .359 | 4.481 | 95.530 | | | |
| 7 | .239 | 2.983 | 98.513 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 8 | .119 | 1.487 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .679 | -.620 |
| MotPres8 | .838 | -.040 |
| MotPres10 | .660 | .086 |
| MotPres13 | .728 | .088 |
| MotPres15 | .748 | .301 |
| MotPres16 | .901 | -.102 |
| MotPres17 | .843 | -.219 |
| MotPres18 | .535 | .719 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotPres4 | .915 | -.087 |
| MotPres8 | .693 | .472 |
| MotPres10 | .475 | .466 |
| MotPres13 | .529 | .509 |
| MotPres15 | .417 | .690 |
| MotPres16 | .781 | .460 |
| MotPres17 | .805 | .332 |
| MotPres18 | -.005 | .896 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .799 | .601 |
| 2 | -.601 | .799 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16
MotPres17
  /MISSING LISTWISE
  /ANALYSIS MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16
MotPres17
  /PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
```

```
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 14-MAY-2016 18:02:11 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16 MotPres17<br>/MISSING LISTWISE<br>/ANALYSIS MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16 MotPres17<br>/PRINT INITIAL CORRELATION SIG DET KMO INV AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.09 |
| | Maximum Memory Required | 7376 (7.203K) bytes |

**Correlation Matrix[a]**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres13 | MotPres15 |
|---|---|---|---|---|---|---|
| Correlation | MotPres4 | 1.000 | .517 | .413 | .414 | .299 |
| | MotPres8 | .517 | 1.000 | .452 | .566 | .603 |
| | MotPres10 | .413 | .452 | 1.000 | .374 | .381 |
| | MotPres13 | .414 | .566 | .374 | 1.000 | .518 |
| | MotPres15 | .299 | .603 | .381 | .518 | 1.000 |
| | MotPres16 | .632 | .678 | .462 | .683 | .690 |
| | MotPres17 | .657 | .714 | .538 | .415 | .490 |
| Sig. (1-tailed) | MotPres4 | | .002 | .012 | .012 | .054 |
| | MotPres8 | .002 | | .006 | .001 | .000 |
| | MotPres10 | .012 | .006 | | .021 | .019 |

| | | | | | |
|---|---|---|---|---|---|
| MotPres13 | .012 | .001 | .021 | | .002 |
| MotPres15 | .054 | .000 | .019 | .002 | |
| MotPres16 | .000 | .000 | .005 | .000 | .000 |
| MotPres17 | .000 | .000 | .001 | .011 | .003 |

a. Determinant = .014

**Inverse of Correlation Matrix**

| | MotPres4 | MotPres8 | MotPres10 | MotPres13 | MotPres15 | MotPres16 | M |
|---|---|---|---|---|---|---|---|
| MotPres4 | 2.055 | -.166 | -.162 | -.060 | .563 | -.939 | |
| MotPres8 | -.166 | 2.752 | .003 | -.737 | -.763 | .351 | |
| MotPres10 | -.162 | .003 | 1.496 | -.275 | -.234 | .261 | |
| MotPres13 | -.060 | -.737 | -.275 | 2.224 | .061 | -1.650 | |
| MotPres15 | .563 | -.763 | -.234 | .061 | 2.293 | -1.647 | |
| MotPres16 | -.939 | .351 | .261 | -1.650 | -1.647 | 5.084 | |
| MotPres17 | -.689 | -1.441 | -.668 | 1.003 | .391 | -2.109 | |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .801 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 110.664 |
| | Df | 21 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotPres4 | MotPres8 | MotPres10 | MotPres13 | Mot |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotPres4 | .487 | -.029 | -.053 | -.013 | |
| | MotPres8 | -.029 | .363 | .001 | -.120 | |
| | MotPres10 | -.053 | .001 | .668 | -.083 | |
| | MotPres13 | -.013 | -.120 | -.083 | .450 | |
| | MotPres15 | .119 | -.121 | -.068 | .012 | |
| | MotPres16 | -.090 | .025 | .034 | -.146 | |
| | MotPres17 | -.088 | -.137 | -.117 | .118 | |
| Anti-image Correlation | MotPres4 | .871[a] | -.070 | -.092 | -.028 | |
| | MotPres8 | -.070 | .844[a] | .001 | -.298 | |
| | MotPres10 | -.092 | .001 | .897[a] | -.151 | |
| | MotPres13 | -.028 | -.298 | -.151 | .765[a] | |
| | MotPres15 | .259 | -.304 | -.126 | .027 | |
| | MotPres16 | -.291 | .094 | .095 | -.491 | |
| | MotPres17 | -.246 | -.444 | -.279 | .344 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotPres4 | 1.000 | .522 |
| MotPres8 | 1.000 | .707 |
| MotPres10 | 1.000 | .418 |
| MotPres13 | 1.000 | .528 |
| MotPres15 | 1.000 | .537 |
| MotPres16 | 1.000 | .827 |

| | | |
|---|---|---|
| MotPres17 | 1.000 | .721 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.260 | 60.860 | 60.860 | 4.260 | 60.860 | |
| 2 | .819 | 11.694 | 72.554 | | | |
| 3 | .637 | 9.102 | 81.656 | | | |
| 4 | .531 | 7.593 | 89.249 | | | |
| 5 | .371 | 5.306 | 94.555 | | | |
| 6 | .260 | 3.721 | 98.275 | | | |
| 7 | .121 | 1.725 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| MotPres4 | .722 |
| MotPres8 | .841 |
| MotPres10 | .646 |
| MotPres13 | .727 |
| MotPres15 | .733 |
| MotPres16 | .910 |
| MotPres17 | .849 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:03:51 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |

| | | |
|---|---|---|
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotAfi1 MotAfi2 MotAfi3 MotAfi4<br>/MISSING LISTWISE<br>/ANALYSIS MotAfi1 MotAfi2 MotAfi3 MotAfi4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.05 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

[DataSet1] C:\Users\Niam\Documents\Niam\Pretest.sav

**Correlation Matrix[a]**

| | | MotAfi1 | MotAfi2 | MotAfi3 | MotAfi4 |
|---|---|---|---|---|---|
| Correlation | MotAfi1 | 1.000 | .472 | .458 | .441 |
| | MotAfi2 | .472 | 1.000 | .741 | .307 |
| | MotAfi3 | .458 | .741 | 1.000 | .547 |
| | MotAfi4 | .441 | .307 | .547 | 1.000 |
| Sig. (1-tailed) | MotAfi1 | | .004 | .005 | .007 |
| | MotAfi2 | .004 | | .000 | .049 |
| | MotAfi3 | .005 | .000 | | .001 |
| | MotAfi4 | .007 | .049 | .001 | |

a. Determinant = .209

**Inverse of Correlation Matrix**

| | MotAfi1 | MotAfi2 | MotAfi3 | MotAfi4 |
|---|---|---|---|---|
| MotAfi1 | 1.469 | -.534 | -.018 | -.474 |
| MotAfi2 | -.534 | 2.479 | -1.860 | .491 |
| MotAfi3 | -.018 | -1.860 | 2.952 | -1.035 |
| MotAfi4 | -.474 | .491 | -1.035 | 1.624 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .628 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 42.031 |

| | |
|---|---|
| df | 6 |
| Sig. | .000 |

**Anti-image Matrices**

| | | MotAfi1 | MotAfi2 | MotAfi3 | MotAfi4 |
|---|---|---|---|---|---|
| Anti-image Covariance | MotAfi1 | .681 | -.147 | -.004 | -.198 |
| | MotAfi2 | -.147 | .403 | -.254 | .122 |
| | MotAfi3 | -.004 | -.254 | .339 | -.216 |
| | MotAfi4 | -.198 | .122 | -.216 | .616 |
| Anti-image Correlation | MotAfi1 | .784[a] | -.280 | -.009 | -.307 |
| | MotAfi2 | -.280 | .586[a] | -.688 | .245 |
| | MotAfi3 | -.009 | -.688 | .603[a] | -.473 |
| | MotAfi4 | -.307 | .245 | -.473 | .609[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotAfi1 | 1.000 | .543 |
| MotAfi2 | 1.000 | .666 |
| MotAfi3 | 1.000 | .787 |
| MotAfi4 | 1.000 | .502 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.498 | 62.451 | 62.451 | 2.498 | 62.451 | |
| 2 | .721 | 18.014 | 80.465 | | | |
| 3 | .582 | 14.553 | 95.018 | | | |
| 4 | .199 | 4.982 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| MotAfi1 | .737 |
| MotAfi2 | .816 |
| MotAfi3 | .887 |
| MotAfi4 | .708 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | MotAfi1 | MotAfi2 | MotAfi3 | MotAfi4 |
|---|---|---|---|---|---|
| Reproduced Correlation | MotAfi1 | .543[a] | .601 | .654 | .522 |
| | MotAfi2 | .601 | .666[a] | .724 | .578 |

| | | | | | |
|---|---|---|---|---|---|
| | MotAfi3 | .654 | .724 | .787[a] | .628 |
| | MotAfi4 | .522 | .578 | .628 | .502[a] |
| Residual[b] | MotAfi1 | | -.129 | -.196 | -.081 |
| | MotAfi2 | -.129 | | .016 | -.271 |
| | MotAfi3 | -.196 | .016 | | -.082 |
| | MotAfi4 | -.081 | -.271 | -.082 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 5 (83.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
GET
  FILE='C:\Users\Niam\Documents\Niam\Pretest.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
FACTOR
  /VARIABLES MotKeku1 MotKeku2 MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /MISSING LISTWISE
  /ANALYSIS MotKeku1 MotKeku2 MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:09:24 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |

| | | |
|---|---|---|
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotKeku1 MotKeku2 MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/MISSING LISTWISE<br>/ANALYSIS MotKeku1 MotKeku2 MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.14 |
| | Maximum Memory Required | 5704 (5.570K) bytes |

[DataSet1] C:\Users\Niam\Documents\Niam\Pretest.sav

**Correlation Matrix[a]**

| | | MotKeku1 | MotKeku2 | MotKeku3 | MotKeku4 | MotKeku5 | M |
|---|---|---|---|---|---|---|---|
| Correlation | MotKeku1 | 1.000 | .818 | .169 | .084 | .112 | |
| | MotKeku2 | .818 | 1.000 | .104 | -.035 | .072 | |
| | MotKeku3 | .169 | .104 | 1.000 | .874 | .939 | |
| | MotKeku4 | .084 | -.035 | .874 | 1.000 | .869 | |
| | MotKeku5 | .112 | .072 | .939 | .869 | 1.000 | |
| | MotKeku6 | .084 | .038 | .906 | .830 | .902 | |
| Sig. (1-tailed) | MotKeku1 | | .000 | .186 | .330 | .277 | |
| | MotKeku2 | .000 | | .292 | .426 | .353 | |
| | MotKeku3 | .186 | .292 | | .000 | .000 | |
| | MotKeku4 | .330 | .426 | .000 | | .000 | |
| | MotKeku5 | .277 | .353 | .000 | .000 | | |
| | MotKeku6 | .330 | .421 | .000 | .000 | .000 | |

a. Determinant = .001

**Inverse of Correlation Matrix**

| | MotKeku1 | MotKeku2 | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|---|
| MotKeku1 | 3.280 | -2.715 | -.702 | -.796 | .877 | .334 |
| MotKeku2 | -2.715 | 3.342 | -.167 | 1.228 | -.829 | -.019 |
| MotKeku3 | -.702 | -.167 | 11.587 | -2.272 | -5.896 | -3.233 |
| MotKeku4 | -.796 | 1.228 | -2.272 | 5.153 | -1.939 | -.448 |
| MotKeku5 | .877 | -.829 | -5.896 | -1.939 | 10.429 | -2.494 |
| MotKeku6 | .334 | -.019 | -3.233 | -.448 | -2.494 | 6.523 |

(Lanjutan Lampiran 2)

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .780 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 177.958 |
| | df | 15 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotKeku1 | MotKeku2 | MotKeku3 | MotKeku4 | MotKe |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotKeku1 | .305 | -.248 | -.018 | -.047 | |
| | MotKeku2 | -.248 | .299 | -.004 | .071 | |
| | MotKeku3 | -.018 | -.004 | .086 | -.038 | |
| | MotKeku4 | -.047 | .071 | -.038 | .194 | |
| | MotKeku5 | .026 | -.024 | -.049 | -.036 | |
| | MotKeku6 | .016 | -.001 | -.043 | -.013 | |
| Anti-image Correlation | MotKeku1 | .491[a] | -.820 | -.114 | -.194 | |
| | MotKeku2 | -.820 | .469[a] | -.027 | .296 | |
| | MotKeku3 | -.114 | -.027 | .826[a] | -.294 | |
| | MotKeku4 | -.194 | .296 | -.294 | .885[a] | |
| | MotKeku5 | .150 | -.140 | -.536 | -.265 | |
| | MotKeku6 | .072 | -.004 | -.372 | -.077 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotKeku1 | 1.000 | .908 |
| MotKeku2 | 1.000 | .913 |
| MotKeku3 | 1.000 | .949 |
| MotKeku4 | 1.000 | .875 |
| MotKeku5 | 1.000 | .940 |
| MotKeku6 | 1.000 | .904 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.690 | 61.500 | 61.500 | 3.690 | 61.500 | |
| 2 | 1.799 | 29.984 | 91.484 | 1.799 | 29.984 | |
| 3 | .220 | 3.672 | 95.156 | | | |
| 4 | .137 | 2.291 | 97.448 | | | |
| 5 | .095 | 1.579 | 99.026 | | | |
| 6 | .058 | .974 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotKeku1 | .198 | .932 |

| | | |
|---|---|---|
| MotKeku2 | .125 | .947 |
| MotKeku3 | .974 | -.019 |
| MotKeku4 | .925 | -.138 |
| MotKeku5 | .967 | -.066 |
| MotKeku6 | .946 | -.097 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced Correlations**

| | | MotKeku1 | MotKeku2 | MotKeku3 | MotKeku4 | Mot |
|---|---|---|---|---|---|---|
| Reproduced Correlation | MotKeku1 | .908[a] | .907 | .175 | .054 | |
| | MotKeku2 | .907 | .913[a] | .104 | -.015 | |
| | MotKeku3 | .175 | .104 | .949[a] | .904 | |
| | MotKeku4 | .054 | -.015 | .904 | .875[a] | |
| | MotKeku5 | .130 | .058 | .944 | .904 | |
| | MotKeku6 | .096 | .026 | .923 | .889 | |
| Residual[b] | MotKeku1 | | -.089 | -.006 | .030 | |
| | MotKeku2 | -.089 | | .000 | -.020 | |
| | MotKeku3 | -.006 | .000 | | -.030 | |
| | MotKeku4 | .030 | -.020 | -.030 | | |
| | MotKeku5 | -.017 | .014 | -.005 | -.035 | |
| | MotKeku6 | -.013 | .012 | -.017 | -.059 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 2 (13.0%) nonredundant residuals with
than 0.05.

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| MotKeku1 | .078 | .949 |
| MotKeku2 | .003 | .955 |
| MotKeku3 | .969 | .105 |
| MotKeku4 | .935 | -.019 |
| MotKeku5 | .968 | .057 |
| MotKeku6 | .950 | .024 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .992 | .127 |
| 2 | -.127 | .992 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES MotKeku1 MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /MISSING LISTWISE
  /ANALYSIS MotKeku1 MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:10:01 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotKeku1 MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/MISSING LISTWISE<br>/ANALYSIS MotKeku1 MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.36 |
| | Maximum Memory Required | 4248 (4.148K) bytes |

**Correlation Matrix[a]**

| | | MotKeku1 | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|---|
| Correlation | MotKeku1 | 1.000 | .169 | .084 | .112 | .084 |
| | MotKeku3 | .169 | 1.000 | .874 | .939 | .906 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | MotKeku4 | .084 | .874 | 1.000 | .869 | .830 |
| | MotKeku5 | .112 | .939 | .869 | 1.000 | .902 |
| | MotKeku6 | .084 | .906 | .830 | .902 | 1.000 |
| Sig. (1-tailed) | MotKeku1 | | .186 | .330 | .277 | .330 |
| | MotKeku3 | .186 | | .000 | .000 | .000 |
| | MotKeku4 | .330 | .000 | | .000 | .000 |
| | MotKeku5 | .277 | .000 | .000 | | .000 |
| | MotKeku6 | .330 | .000 | .000 | .000 | |

a. Determinant = .004

**Inverse of Correlation Matrix**

| | MotKeku1 | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|
| MotKeku1 | 1.075 | -.837 | .201 | .204 | .318 |
| MotKeku3 | -.837 | 11.579 | -2.211 | -5.937 | -3.234 |
| MotKeku4 | .201 | -2.211 | 4.702 | -1.634 | -.441 |
| MotKeku5 | .204 | -5.937 | -1.634 | 10.223 | -2.499 |
| MotKeku6 | .318 | -3.234 | -.441 | -2.499 | 6.523 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .862 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 148.248 |
| | df | 10 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotKeku1 | MotKeku3 | MotKeku4 | MotKeku5 | MotKe |
|---|---|---|---|---|---|---|
| Anti-image Covariance | MotKeku1 | .930 | -.067 | .040 | .019 | |
| | MotKeku3 | -.067 | .086 | -.041 | -.050 | |
| | MotKeku4 | .040 | -.041 | .213 | -.034 | |
| | MotKeku5 | .019 | -.050 | -.034 | .098 | |
| | MotKeku6 | .045 | -.043 | -.014 | -.037 | |
| Anti-image Correlation | MotKeku1 | .401[a] | -.237 | .089 | .061 | |
| | MotKeku3 | -.237 | .811[a] | -.300 | -.546 | |
| | MotKeku4 | .089 | -.300 | .933[a] | -.236 | |
| | MotKeku5 | .061 | -.546 | -.236 | .845[a] | |
| | MotKeku6 | .120 | -.372 | -.080 | -.306 | |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotKeku1 | 1.000 | .026 |
| MotKeku3 | 1.000 | .949 |
| MotKeku4 | 1.000 | .866 |
| MotKeku5 | 1.000 | .939 |
| MotKeku6 | 1.000 | .900 |

Extraction Method: Principal Component Analysis.

(Lanjutan Lampiran 2)

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.680 | 73.592 | 73.592 | 3.680 | 73.592 | |
| 2 | .986 | 19.720 | 93.312 | | | |
| 3 | .177 | 3.544 | 96.856 | | | |
| 4 | .098 | 1.968 | 98.824 | | | |
| 5 | .059 | 1.176 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| MotKeku1 | .161 |
| MotKeku3 | .974 |
| MotKeku4 | .931 |
| MotKeku5 | .969 |
| MotKeku6 | .949 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | MotKeku1 | MotKeku3 | MotKeku4 | MotKeku5 | Mot |
|---|---|---|---|---|---|---|
| Reproduced Correlation | MotKeku1 | .026[a] | .157 | .150 | .156 | |
| | MotKeku3 | .157 | .949[a] | .907 | .944 | |
| | MotKeku4 | .150 | .907 | .866[a] | .902 | |
| | MotKeku5 | .156 | .944 | .902 | .939[a] | |
| | MotKeku6 | .153 | .924 | .883 | .919 | |
| Residual[b] | MotKeku1 | | .013 | -.066 | -.044 | |
| | MotKeku3 | .013 | | -.032 | -.005 | |
| | MotKeku4 | -.066 | -.032 | | -.033 | |
| | MotKeku5 | -.044 | -.005 | -.033 | | |
| | MotKeku6 | -.069 | -.018 | -.053 | -.017 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 3 (30.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /MISSING LISTWISE
  /ANALYSIS MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:10:32 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/MISSING LISTWISE<br>/ANALYSIS MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.05 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|
| Correlation | MotKeku3 | 1.000 | .874 | .939 | .906 |
| | MotKeku4 | .874 | 1.000 | .869 | .830 |
| | MotKeku5 | .939 | .869 | 1.000 | .902 |

| | | | | | |
|---|---|---|---|---|---|
| | MotKeku6 | .906 | .830 | .902 | 1.000 |
| Sig. (1-tailed) | MotKeku3 | | .000 | .000 | .000 |
| | MotKeku4 | .000 | | .000 | .000 |
| | MotKeku5 | .000 | .000 | | .000 |
| | MotKeku6 | .000 | .000 | .000 | |

a. Determinant = .004

**Inverse of Correlation Matrix**

| | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|
| MotKeku3 | 10.927 | -2.055 | -5.779 | -2.986 |
| MotKeku4 | -2.055 | 4.664 | -1.673 | -.500 |
| MotKeku5 | -5.779 | -1.673 | 10.185 | -2.559 |
| MotKeku6 | -2.986 | -.500 | -2.559 | 6.429 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .875 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 148.163 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|
| Anti-image Covariance | MotKeku3 | .092 | -.040 | -.052 | -.043 |
| | MotKeku4 | -.040 | .214 | -.035 | -.017 |
| | MotKeku5 | -.052 | -.035 | .098 | -.039 |
| | MotKeku6 | -.043 | -.017 | -.039 | .156 |
| Anti-image Correlation | MotKeku3 | .829[a] | -.288 | -.548 | -.356 |
| | MotKeku4 | -.288 | .936[a] | -.243 | -.091 |
| | MotKeku5 | -.548 | -.243 | .842[a] | -.316 |
| | MotKeku6 | -.356 | -.091 | -.316 | .908[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| MotKeku3 | 1.000 | .946 |
| MotKeku4 | 1.000 | .870 |
| MotKeku5 | 1.000 | .941 |
| MotKeku6 | 1.000 | .904 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.661 | 91.516 | 91.516 | 3.661 | 91.516 | |
| 2 | .177 | 4.437 | 95.953 | | | |
| 3 | .101 | 2.521 | 98.474 | | | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 4 | .061 | 1.526 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| MotKeku3 | .973 |
| MotKeku4 | .933 |
| MotKeku5 | .970 |
| MotKeku6 | .951 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | MotKeku3 | MotKeku4 | MotKeku5 | MotKeku6 |
|---|---|---|---|---|---|
| Reproduced Correlation | MotKeku3 | .946[a] | .907 | .943 | .925 |
| | MotKeku4 | .907 | .870[a] | .905 | .887 |
| | MotKeku5 | .943 | .905 | .941[a] | .922 |
| | MotKeku6 | .925 | .887 | .922 | .904[a] |
| Residual[b] | MotKeku3 | | -.033 | -.005 | -.018 |
| | MotKeku4 | -.033 | | -.036 | -.057 |
| | MotKeku5 | -.005 | -.036 | | -.021 |
| | MotKeku6 | -.018 | -.057 | -.021 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 1 (16.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES PemKar1 PemKar2 PemKar3 PemKar4
  /MISSING LISTWISE
  /ANALYSIS PemKar1 PemKar2 PemKar3 PemKar4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

(Lanjutan Lampiran 2)

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:12:04 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES PemKar1 PemKar2 PemKar3 PemKar4<br>/MISSING LISTWISE<br>/ANALYSIS PemKar1 PemKar2 PemKar3 PemKar4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.09 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | PemKar1 | PemKar2 | PemKar3 | PemKar4 |
|---|---|---|---|---|---|
| Correlation | PemKar1 | 1.000 | .726 | .745 | .510 |
| | PemKar2 | .726 | 1.000 | .831 | .460 |
| | PemKar3 | .745 | .831 | 1.000 | .668 |
| | PemKar4 | .510 | .460 | .668 | 1.000 |
| Sig. (1-tailed) | PemKar1 | | .000 | .000 | .002 |
| | PemKar2 | .000 | | .000 | .005 |
| | PemKar3 | .000 | .000 | | .000 |
| | PemKar4 | .002 | .005 | .000 | |

a. Determinant = .066

**Inverse of Correlation Matrix**

| | PemKar1 | PemKar2 | PemKar3 | PemKar4 |
|---|---|---|---|---|
| PemKar1 | 2.475 | -.914 | -.944 | -.211 |

| | | | | |
|---|---|---|---|---|
| PemKar2 | -.914 | 3.746 | -2.872 | .661 |
| PemKar3 | -.944 | -2.872 | 5.210 | -1.677 |
| PemKar4 | -.211 | .661 | -1.677 | 1.923 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .743 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 73.070 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | PemKar1 | PemKar2 | PemKar3 | PemKar4 |
|---|---|---|---|---|---|
| Anti-image Covariance | PemKar1 | .404 | -.099 | -.073 | -.044 |
| | PemKar2 | -.099 | .267 | -.147 | .092 |
| | PemKar3 | -.073 | -.147 | .192 | -.167 |
| | PemKar4 | -.044 | .092 | -.167 | .520 |
| Anti-image Correlation | PemKar1 | .888[a] | -.300 | -.263 | -.097 |
| | PemKar2 | -.300 | .714[a] | -.650 | .246 |
| | PemKar3 | -.263 | -.650 | .687[a] | -.530 |
| | PemKar4 | -.097 | .246 | -.530 | .724[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| PemKar1 | 1.000 | .755 |
| PemKar2 | 1.000 | .783 |
| PemKar3 | 1.000 | .895 |
| PemKar4 | 1.000 | .556 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.988 | 74.707 | 74.707 | 2.988 | 74.707 | |
| 2 | .590 | 14.745 | 89.452 | | | |
| 3 | .296 | 7.403 | 96.854 | | | |
| 4 | .126 | 3.146 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| PemKar1 | .869 |
| PemKar2 | .885 |
| PemKar3 | .946 |
| PemKar4 | .745 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | PemKar1 | PemKar2 | PemKar3 | PemKar4 |
|---|---|---|---|---|---|
| Reproduced Correlation | PemKar1 | .755[a] | .769 | .822 | .648 |
| | PemKar2 | .769 | .783[a] | .837 | .660 |
| | PemKar3 | .822 | .837 | .895[a] | .705 |
| | PemKar4 | .648 | .660 | .705 | .556[a] |
| Residual[b] | PemKar1 | | -.043 | -.076 | -.138 |
| | PemKar2 | -.043 | | -.006 | -.199 |
| | PemKar3 | -.076 | -.006 | | -.037 |
| | PemKar4 | -.138 | -.199 | -.037 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 3 (50.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES PemIns1 PemIns2 PemIns3 PemIns4
  /MISSING LISTWISE
  /ANALYSIS PemIns1 PemIns2 PemIns3 PemIns4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:12:51 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |

| | | |
|---|---|---|
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES PemIns1 PemIns2 PemIns3 PemIns4<br>/MISSING LISTWISE<br>/ANALYSIS PemIns1 PemIns2 PemIns3 PemIns4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.33 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | PemIns1 | PemIns2 | PemIns3 | PemIns4 |
|---|---|---|---|---|---|
| Correlation | PemIns1 | 1.000 | .671 | .543 | .574 |
| | PemIns2 | .671 | 1.000 | .722 | .737 |
| | PemIns3 | .543 | .722 | 1.000 | .821 |
| | PemIns4 | .574 | .737 | .821 | 1.000 |
| Sig. (1-tailed) | PemIns1 | | .000 | .001 | .000 |
| | PemIns2 | .000 | | .000 | .000 |
| | PemIns3 | .001 | .000 | | .000 |
| | PemIns4 | .000 | .000 | .000 | |

a. Determinant = .072

**Inverse of Correlation Matrix**

| | PemIns1 | PemIns2 | PemIns3 | PemIns4 |
|---|---|---|---|---|
| PemIns1 | 1.866 | -1.001 | -.051 | -.291 |
| PemIns2 | -1.001 | 2.950 | -.838 | -.913 |
| PemIns3 | -.051 | -.838 | 3.386 | -2.134 |
| PemIns4 | -.291 | -.913 | -2.134 | 3.593 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .797 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 70.514 |
| | df | 6 |
| | Sig. | .000 |

(Lanjutan Lampiran 2)

**Anti-image Matrices**

| | | PemIns1 | PemIns2 | PemIns3 | PemIns4 |
|---|---|---|---|---|---|
| Anti-image Covariance | PemIns1 | .536 | -.182 | -.008 | -.043 |
| | PemIns2 | -.182 | .339 | -.084 | -.086 |
| | PemIns3 | -.008 | -.084 | .295 | -.175 |
| | PemIns4 | -.043 | -.086 | -.175 | .278 |
| Anti-image Correlation | PemIns1 | .846[a] | -.426 | -.020 | -.112 |
| | PemIns2 | -.426 | .821[a] | -.265 | -.280 |
| | PemIns3 | -.020 | -.265 | .770[a] | -.612 |
| | PemIns4 | -.112 | -.280 | -.612 | .769[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| PemIns1 | 1.000 | .619 |
| PemIns2 | 1.000 | .811 |
| PemIns3 | 1.000 | .794 |
| PemIns4 | 1.000 | .818 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.042 | 76.060 | 76.060 | 3.042 | 76.060 | |
| 2 | .526 | 13.140 | 89.200 | | | |
| 3 | .255 | 6.364 | 95.564 | | | |
| 4 | .177 | 4.436 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| PemIns1 | .787 |
| PemIns2 | .900 |
| PemIns3 | .891 |
| PemIns4 | .905 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | PemIns1 | PemIns2 | PemIns3 | PemIns4 |
|---|---|---|---|---|---|
| Reproduced Correlation | PemIns1 | .619[a] | .708 | .701 | .712 |
| | PemIns2 | .708 | .811[a] | .802 | .814 |
| | PemIns3 | .701 | .802 | .794[a] | .806 |
| | PemIns4 | .712 | .814 | .806 | .818[a] |
| Residual[b] | PemIns1 | | -.037 | -.159 | -.138 |

| | | | | | |
|---|---|---|---|---|---|
| | PemIns2 | -.037 | | -.080 | -.077 |
| | PemIns3 | -.159 | -.080 | | .015 |
| | PemIns4 | -.138 | -.077 | .015 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 4 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES PemInt1 PemInt2 PemInt3 PemInt4
  /MISSING LISTWISE
  /ANALYSIS PemInt1 PemInt2 PemInt3 PemInt4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:13:54 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES PemInt1 PemInt2 PemInt3 PemInt4<br>/MISSING LISTWISE<br>/ANALYSIS PemInt1 PemInt2 PemInt3 PemInt4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.06 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | PemInt1 | PemInt2 | PemInt3 | PemInt4 |
|---|---|---|---|---|---|
| Correlation | PemInt1 | 1.000 | .795 | .691 | .657 |
| | PemInt2 | .795 | 1.000 | .760 | .578 |
| | PemInt3 | .691 | .760 | 1.000 | .535 |
| | PemInt4 | .657 | .578 | .535 | 1.000 |
| Sig. (1-tailed) | PemInt1 | | .000 | .000 | .000 |
| | PemInt2 | .000 | | .000 | .000 |
| | PemInt3 | .000 | .000 | | .001 |
| | PemInt4 | .000 | .000 | .001 | |

a. Determinant = .082

**Inverse of Correlation Matrix**

| | PemInt1 | PemInt2 | PemInt3 | PemInt4 |
|---|---|---|---|---|
| PemInt1 | 3.326 | -1.758 | -.471 | -.917 |
| PemInt2 | -1.758 | 3.549 | -1.404 | -.146 |
| PemInt3 | -.471 | -1.404 | 2.510 | -.222 |
| PemInt4 | -.917 | -.146 | -.222 | 1.806 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .805 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 67.139 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | PemInt1 | PemInt2 | PemInt3 | PemInt4 |
|---|---|---|---|---|---|
| Anti-image Covariance | PemInt1 | .301 | -.149 | -.056 | -.153 |
| | PemInt2 | -.149 | .282 | -.158 | -.023 |
| | PemInt3 | -.056 | -.158 | .398 | -.049 |
| | PemInt4 | -.153 | -.023 | -.049 | .554 |

| | | | | | |
|---|---|---|---|---|---|
| Anti-image Correlation | PemInt1 | .783[a] | -.512 | -.163 | -.374 |
| | PemInt2 | -.512 | .760[a] | -.470 | -.058 |
| | PemInt3 | -.163 | -.470 | .838[a] | -.104 |
| | PemInt4 | -.374 | -.058 | -.104 | .872[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| PemInt1 | 1.000 | .828 |
| PemInt2 | 1.000 | .827 |
| PemInt3 | 1.000 | .744 |
| PemInt4 | 1.000 | .618 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.017 | 75.417 | 75.417 | 3.017 | 75.417 | |
| 2 | .508 | 12.708 | 88.125 | | | |
| 3 | .292 | 7.303 | 95.428 | | | |
| 4 | .183 | 4.572 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| PemInt1 | .910 |
| PemInt2 | .909 |
| PemInt3 | .863 |
| PemInt4 | .786 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | PemInt1 | PemInt2 | PemInt3 | PemInt4 |
|---|---|---|---|---|---|
| Reproduced Correlation | PemInt1 | .828[a] | .827 | .785 | .715 |
| | PemInt2 | .827 | .827[a] | .784 | .715 |
| | PemInt3 | .785 | .784 | .744[a] | .678 |
| | PemInt4 | .715 | .715 | .678 | .618[a] |
| Residual[b] | PemInt1 | | -.032 | -.094 | -.058 |
| | PemInt2 | -.032 | | -.025 | -.136 |
| | PemInt3 | -.094 | -.025 | | -.143 |
| | PemInt4 | -.058 | -.136 | -.143 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 4 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES PemInd1 PemInd2 PemInd3 PemInd4
  /MISSING LISTWISE
  /ANALYSIS PemInd1 PemInd2 PemInd3 PemInd4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:14:56 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES PemInd1 PemInd2 PemInd3 PemInd4<br>/MISSING LISTWISE<br>/ANALYSIS PemInd1 PemInd2 PemInd3 PemInd4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.06 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | PemInd1 | PemInd2 | PemInd3 | PemInd4 |
|---|---|---|---|---|---|
| Correlation | PemInd1 | 1.000 | .657 | .725 | .475 |
| | PemInd2 | .657 | 1.000 | .897 | .486 |
| | PemInd3 | .725 | .897 | 1.000 | .543 |
| | PemInd4 | .475 | .486 | .543 | 1.000 |
| Sig. (1-tailed) | PemInd1 | | .000 | .000 | .004 |
| | PemInd2 | .000 | | .000 | .003 |
| | PemInd3 | .000 | .000 | | .001 |
| | PemInd4 | .004 | .003 | .001 | |

a. Determinant = .064

**Inverse of Correlation Matrix**

| | PemInd1 | PemInd2 | PemInd3 | PemInd4 |
|---|---|---|---|---|
| PemInd1 | 2.149 | -.078 | -1.352 | -.249 |
| PemInd2 | -.078 | 5.140 | -4.569 | .023 |
| PemInd3 | -1.352 | -4.569 | 6.421 | -.627 |
| PemInd4 | -.249 | .023 | -.627 | 1.448 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .753 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 73.837 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | PemInd1 | PemInd2 | PemInd3 | PemInd4 |
|---|---|---|---|---|---|
| Anti-image Covariance | PemInd1 | .465 | -.007 | -.098 | -.080 |
| | PemInd2 | -.007 | .195 | -.138 | .003 |
| | PemInd3 | -.098 | -.138 | .156 | -.067 |
| | PemInd4 | -.080 | .003 | -.067 | .691 |

| | | | | | |
|---|---|---|---|---|---|
| Anti-image Correlation | PemInd1 | .885[a] | -.023 | -.364 | -.141 |
| | PemInd2 | -.023 | .699[a] | -.795 | .008 |
| | PemInd3 | -.364 | -.795 | .668[a] | -.206 |
| | PemInd4 | -.141 | .008 | -.206 | .924[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| PemInd1 | 1.000 | .708 |
| PemInd2 | 1.000 | .824 |
| PemInd3 | 1.000 | .888 |
| PemInd4 | 1.000 | .498 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.918 | 72.958 | 72.958 | 2.918 | 72.958 | |
| 2 | .608 | 15.194 | 88.152 | | | |
| 3 | .379 | 9.474 | 97.626 | | | |
| 4 | .095 | 2.374 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| PemInd1 | .842 |
| PemInd2 | .908 |
| PemInd3 | .942 |
| PemInd4 | .705 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | PemInd1 | PemInd2 | PemInd3 | PemInd4 |
|---|---|---|---|---|---|
| Reproduced Correlation | PemInd1 | .708[a] | .764 | .793 | .594 |
| | PemInd2 | .764 | .824[a] | .856 | .640 |
| | PemInd3 | .793 | .856 | .888[a] | .665 |
| | PemInd4 | .594 | .640 | .665 | .498[a] |
| Residual[b] | PemInd1 | | -.107 | -.069 | -.119 |
| | PemInd2 | -.107 | | .042 | -.155 |
| | PemInd3 | -.069 | .042 | | -.121 |
| | PemInd4 | -.119 | -.155 | -.121 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 5 (83.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES BudKet1 BudKet2 BudKet3 BudKet4 BudKet5
  /MISSING LISTWISE
  /ANALYSIS BudKet1 BudKet2 BudKet3 BudKet4 BudKet5
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:15:54 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES BudKet1 BudKet2 BudKet3 BudKet4 BudKet5<br>/MISSING LISTWISE<br>/ANALYSIS BudKet1 BudKet2 BudKet3 BudKet4 BudKet5<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.30 |
| | Maximum Memory Required | 4248 (4.148K) bytes |

**Correlation Matrix[a]**

| | | BudKet1 | BudKet2 | BudKet3 | BudKet4 | BudKet5 |
|---|---|---|---|---|---|---|
| Correlation | BudKet1 | 1.000 | .402 | .634 | .471 | .469 |
| | BudKet2 | .402 | 1.000 | .430 | .221 | .319 |
| | BudKet3 | .634 | .430 | 1.000 | .589 | .698 |
| | BudKet4 | .471 | .221 | .589 | 1.000 | .555 |
| | BudKet5 | .469 | .319 | .698 | .555 | 1.000 |
| Sig. (1-tailed) | BudKet1 | | .014 | .000 | .004 | .005 |
| | BudKet2 | .014 | | .009 | .120 | .043 |
| | BudKet3 | .000 | .009 | | .000 | .000 |
| | BudKet4 | .004 | .120 | .000 | | .001 |
| | BudKet5 | .005 | .043 | .000 | .001 | |

a. Determinant = .143

**Inverse of Correlation Matrix**

| | BudKet1 | BudKet2 | BudKet3 | BudKet4 | BudKet5 |
|---|---|---|---|---|---|
| BudKet1 | 1.782 | -.293 | -.839 | -.279 | -.001 |
| BudKet2 | -.293 | 1.280 | -.391 | .121 | -.065 |
| BudKet3 | -.839 | -.391 | 2.824 | -.541 | -1.153 |
| BudKet4 | -.279 | .121 | -.541 | 1.680 | -.462 |
| BudKet5 | -.001 | -.065 | -1.153 | -.462 | 2.082 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .805 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 51.495 |
| | df | 10 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudKet1 | BudKet2 | BudKet3 | BudKet4 | BudKet5 |
|---|---|---|---|---|---|---|
| Anti-image Covariance | BudKet1 | .561 | -.129 | -.167 | -.093 | .000 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudKet2 | -.129 | .781 | -.108 | .056 | -.024 |
| | BudKet3 | -.167 | -.108 | .354 | -.114 | -.196 |
| | BudKet4 | -.093 | .056 | -.114 | .595 | -.132 |
| | BudKet5 | .000 | -.024 | -.196 | -.132 | .480 |
| Anti-image Correlation | BudKet1 | .832[a] | -.194 | -.374 | -.161 | -.001 |
| | BudKet2 | -.194 | .849[a] | -.206 | .083 | -.040 |
| | BudKet3 | -.374 | -.206 | .751[a] | -.249 | -.475 |
| | BudKet4 | -.161 | .083 | -.249 | .856[a] | -.247 |
| | BudKet5 | -.001 | -.040 | -.475 | -.247 | .795[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudKet1 | 1.000 | .610 |
| BudKet2 | 1.000 | .329 |
| BudKet3 | 1.000 | .798 |
| BudKet4 | 1.000 | .564 |
| BudKet5 | 1.000 | .658 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.959 | 59.177 | 59.177 | 2.959 | 59.177 | |
| 2 | .824 | 16.481 | 75.658 | | | |
| 3 | .516 | 10.327 | 85.985 | | | |
| 4 | .445 | 8.903 | 94.888 | | | |
| 5 | .256 | 5.112 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| BudKet1 | .781 |
| BudKet2 | .573 |
| BudKet3 | .894 |
| BudKet4 | .751 |
| BudKet5 | .811 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | BudKet1 | BudKet2 | BudKet3 | BudKet4 | BudKet5 |
|---|---|---|---|---|---|---|
| Reproduced Correlation | BudKet1 | .610[a] | .448 | .698 | .586 | .634 |
| | BudKet2 | .448 | .329[a] | .512 | .430 | .465 |
| | BudKet3 | .698 | .512 | .798[a] | .671 | .725 |
| | BudKet4 | .586 | .430 | .671 | .564[a] | .609 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudKet5 | .634 | .465 | .725 | .609 | .658[a] |
| Residual[b] | BudKet1 | | -.046 | -.064 | -.116 | -.165 |
| | BudKet2 | -.046 | | -.082 | -.209 | -.146 |
| | BudKet3 | -.064 | -.082 | | -.082 | -.027 |
| | BudKet4 | -.116 | -.209 | -.082 | | -.054 |
| | BudKet5 | -.165 | -.146 | -.027 | -.054 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 8 (80.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES BudKon1 BudKon2
  /MISSING LISTWISE
  /ANALYSIS BudKon1 BudKon2
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:16:49 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES BudKon1 BudKon2<br>/MISSING LISTWISE<br>/ANALYSIS BudKon1 BudKon2<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.14 |
| | Maximum Memory Required | 1176 (1.148K) bytes |

**Correlation Matrix[a]**

| | | BudKon1 | BudKon2 |
|---|---|---|---|
| Correlation | BudKon1 | 1.000 | .227 |
| | BudKon2 | .227 | 1.000 |
| Sig. (1-tailed) | BudKon1 | | .114 |
| | BudKon2 | .114 | |

a. Determinant = .949

**Inverse of Correlation Matrix**

| | BudKon1 | BudKon2 |
|---|---|---|
| BudKon1 | 1.054 | -.239 |
| BudKon2 | -.239 | 1.054 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .500 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 1.449 |
| | df | 1 |
| | Sig. | .229 |

**Anti-image Matrices**

| | | BudKon1 | BudKon2 |
|---|---|---|---|
| Anti-image Covariance | BudKon1 | .949 | -.215 |
| | BudKon2 | -.215 | .949 |
| Anti-image Correlation | BudKon1 | .500[a] | -.227 |
| | BudKon2 | -.227 | .500[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudKon1 | 1.000 | .613 |
| BudKon2 | 1.000 | .613 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 1.227 | 61.329 | 61.329 | 1.227 | 61.329 | |
| 2 | .773 | 38.671 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| BudKon1 | .783 |
| BudKon2 | .783 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | BudKon1 | BudKon2 |
|---|---|---|---|
| Reproduced Correlation | BudKon1 | .613[a] | .613 |
| | BudKon2 | .613 | .613[a] |
| Residual[b] | BudKon1 | | -.387 |
| | BudKon2 | -.387 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES BudAdap1 BudAdap2 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7
BudAdap8 BudAdap9
    BudAdap10 BudAdap11
  /MISSING LISTWISE
  /ANALYSIS BudAdap1 BudAdap2 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7
BudAdap8 BudAdap9
    BudAdap10 BudAdap11
```

```
/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:17:36 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES BudAdap1 BudAdap2 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9<br>BudAdap10 BudAdap11<br>/MISSING LISTWISE<br>/ANALYSIS BudAdap1 BudAdap2 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9<br>BudAdap10 BudAdap11<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.09 |
| | Elapsed Time | 00:00:00.22 |
| | Maximum Memory Required | 16224 (15.844K) bytes |

**Correlation Matri**

| | | BudAdap1 | BudAdap2 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|---|
| Correlation | BudAdap1 | 1.000 | .627 | .598 | .569 | .349 |
| | BudAdap2 | .627 | 1.000 | .374 | .313 | .400 |
| | BudAdap3 | .598 | .374 | 1.000 | .590 | .278 |
| | BudAdap4 | .569 | .313 | .590 | 1.000 | .384 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudAdap5 | .349 | .400 | .278 | .384 | 1.000 |
| | BudAdap6 | .508 | .490 | .468 | .668 | .465 |
| | BudAdap7 | .279 | .464 | .282 | .302 | .446 |
| | BudAdap8 | .424 | .549 | .462 | .473 | .280 |
| | BudAdap9 | .173 | .394 | .292 | .227 | .205 |
| | BudAdap10 | .396 | .425 | .611 | .455 | .298 |
| | BudAdap11 | .453 | .582 | .493 | .420 | .249 |
| Sig. (1-tailed) | BudAdap1 | | .000 | .000 | .001 | .029 |
| | BudAdap2 | .000 | | .021 | .046 | .014 |
| | BudAdap3 | .000 | .021 | | .000 | .068 |
| | BudAdap4 | .001 | .046 | .000 | | .018 |
| | BudAdap5 | .029 | .014 | .068 | .018 | |
| | BudAdap6 | .002 | .003 | .005 | .000 | .005 |
| | BudAdap7 | .068 | .005 | .065 | .052 | .007 |
| | BudAdap8 | .010 | .001 | .005 | .004 | .067 |
| | BudAdap9 | .181 | .016 | .059 | .114 | .139 |
| | BudAdap10 | .015 | .010 | .000 | .006 | .055 |
| | BudAdap11 | .006 | .000 | .003 | .010 | .093 |

a. Determinant = .000

**Inverse of Correlation Matrix**

| | BudAdap1 | BudAdap2 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 |
|---|---|---|---|---|---|---|
| BudAdap1 | 2.644 | -1.308 | -.948 | -.782 | .017 | .032 |
| BudAdap2 | -1.308 | 3.789 | -.145 | 1.325 | -.766 | -.900 |
| BudAdap3 | -.948 | -.145 | 2.954 | -.404 | -.006 | -.204 |
| BudAdap4 | -.782 | 1.325 | -.404 | 2.922 | -.463 | -1.409 |
| BudAdap5 | .017 | -.766 | -.006 | -.463 | 1.691 | -.136 |
| BudAdap6 | .032 | -.900 | -.204 | -1.409 | -.136 | 2.550 |
| BudAdap7 | -.127 | .257 | 1.028 | .542 | -.863 | -.664 |
| BudAdap8 | .105 | -1.023 | -.378 | -.723 | .294 | .013 |
| BudAdap9 | .363 | -.421 | .031 | .125 | .309 | -.062 |
| BudAdap10 | .433 | 2.821 | -3.058 | .456 | -.716 | -.198 |
| BudAdap11 | -.170 | -3.733 | 1.515 | -1.408 | 1.226 | 1.050 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .757 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 198.600 |
| | df | 55 |
| | Sig. | .000 |

**Anti-image M**

| | | BudAdap1 | BudAdap2 | BudAdap3 | BudAdap4 |
|---|---|---|---|---|---|
| Anti-image Covariance | BudAdap1 | .378 | -.131 | -.121 | -.101 |
| | BudAdap2 | -.131 | .264 | -.013 | .120 |
| | BudAdap3 | -.121 | -.013 | .338 | -.047 |
| | BudAdap4 | -.101 | .120 | -.047 | .342 |
| | BudAdap5 | .004 | -.120 | -.001 | -.094 |
| | BudAdap6 | .005 | -.093 | -.027 | -.189 |

| | | | | | |
|---|---|---|---|---|---|
| | BudAdap7 | -.013 | .019 | .097 | .052 |
| | BudAdap8 | .016 | -.111 | -.052 | -.101 |
| | BudAdap9 | .059 | -.047 | .004 | .018 |
| | BudAdap10 | .014 | .063 | -.087 | .013 |
| | BudAdap11 | -.006 | -.092 | .048 | -.045 |
| Anti-image Correlation | BudAdap1 | .841[a] | -.413 | -.339 | -.281 |
| | BudAdap2 | -.413 | .656[a] | -.043 | .398 |
| | BudAdap3 | -.339 | -.043 | .781[a] | -.138 |
| | BudAdap4 | -.281 | .398 | -.138 | .741[a] |
| | BudAdap5 | .008 | -.303 | -.003 | -.208 |
| | BudAdap6 | .012 | -.289 | -.074 | -.516 |
| | BudAdap7 | -.041 | .070 | .315 | .167 |
| | BudAdap8 | .041 | -.336 | -.141 | -.271 |
| | BudAdap9 | .146 | -.141 | .012 | .048 |
| | BudAdap10 | .077 | .420 | -.516 | .077 |
| | BudAdap11 | -.032 | -.588 | .270 | -.252 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudAdap1 | 1.000 | .689 |
| BudAdap2 | 1.000 | .527 |
| BudAdap3 | 1.000 | .575 |
| BudAdap4 | 1.000 | .693 |
| BudAdap5 | 1.000 | .336 |
| BudAdap6 | 1.000 | .646 |
| BudAdap7 | 1.000 | .774 |
| BudAdap8 | 1.000 | .531 |
| BudAdap9 | 1.000 | .651 |
| BudAdap10 | 1.000 | .775 |
| BudAdap11 | 1.000 | .731 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.508 | 50.068 | 50.068 | 5.508 | 50.068 | |
| 2 | 1.421 | 12.920 | 62.988 | 1.421 | 12.920 | |
| 3 | .994 | 9.034 | 72.022 | | | |
| 4 | .819 | 7.450 | 79.472 | | | |
| 5 | .764 | 6.945 | 86.417 | | | |
| 6 | .458 | 4.161 | 90.577 | | | |
| 7 | .324 | 2.946 | 93.523 | | | |
| 8 | .292 | 2.659 | 96.182 | | | |
| 9 | .241 | 2.189 | 98.370 | | | |
| 10 | .135 | 1.231 | 99.602 | | | |
| 11 | .044 | .398 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

(Lanjutan Lampiran 2)

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .691 | .460 |
| BudAdap2 | .724 | .045 |
| BudAdap3 | .706 | .277 |
| BudAdap4 | .693 | .462 |
| BudAdap5 | .537 | .219 |
| BudAdap6 | .709 | .380 |
| BudAdap7 | .741 | -.474 |
| BudAdap8 | .728 | -.043 |
| BudAdap9 | .625 | -.510 |
| BudAdap10 | .806 | -.354 |
| BudAdap11 | .786 | -.338 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced C**

| | | BudAdap1 | BudAdap2 | BudAdap3 | BudAdap4 |
|---|---|---|---|---|---|
| Reproduced Correlation | BudAdap1 | .689[a] | .521 | .616 | .691 |
| | BudAdap2 | .521 | .527[a] | .524 | .522 |
| | BudAdap3 | .616 | .524 | .575[a] | .617 |
| | BudAdap4 | .691 | .522 | .617 | .693[a] |
| | BudAdap5 | .472 | .399 | .440 | .473 |
| | BudAdap6 | .664 | .530 | .606 | .666 |
| | BudAdap7 | .294 | .515 | .391 | .294 |
| | BudAdap8 | .483 | .525 | .502 | .484 |
| | BudAdap9 | .198 | .430 | .300 | .198 |
| | BudAdap10 | .395 | .568 | .471 | .395 |
| | BudAdap11 | .388 | .554 | .461 | .388 |
| Residual[b] | BudAdap1 | | .106 | -.018 | -.122 |
| | BudAdap2 | .106 | | -.150 | -.210 |
| | BudAdap3 | -.018 | -.150 | | -.027 |
| | BudAdap4 | -.122 | -.210 | -.027 | |
| | BudAdap5 | -.123 | .002 | -.162 | -.089 |
| | BudAdap6 | -.156 | -.040 | -.137 | .001 |
| | BudAdap7 | -.015 | -.052 | -.109 | .008 |
| | BudAdap8 | -.059 | .024 | -.039 | -.011 |
| | BudAdap9 | -.025 | -.036 | -.008 | .029 |
| | BudAdap10 | .001 | -.143 | .140 | .060 |
| | BudAdap11 | .066 | .028 | .032 | .032 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 34 (61.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .816 | .152 |

| | | |
|---|---|---|
| BudAdap2 | .551 | .472 |
| BudAdap3 | .700 | .293 |
| BudAdap4 | .819 | .151 |
| BudAdap5 | .538 | .217 |
| BudAdap6 | .773 | .221 |
| BudAdap7 | .201 | .856 |
| BudAdap8 | .492 | .538 |
| BudAdap9 | .093 | .802 |
| BudAdap10 | .332 | .815 |
| BudAdap11 | .328 | .790 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .718 | .697 |
| 2 | .697 | -.718 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8
BudAdap9 BudAdap10
    BudAdap11
  /MISSING LISTWISE
  /ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8
BudAdap9 BudAdap10
    BudAdap11
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:18:27 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9 BudAdap10 BudAdap11<br>/MISSING LISTWISE<br>/ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9 BudAdap10 BudAdap11<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.11 |
| | Maximum Memory Required | 13688 (13.367K) bytes |

**Correlation Matrix[a]**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 |
|---|---|---|---|---|---|---|
| Correlation | BudAdap1 | 1.000 | .598 | .569 | .349 | .508 |
| | BudAdap3 | .598 | 1.000 | .590 | .278 | .468 |
| | BudAdap4 | .569 | .590 | 1.000 | .384 | .668 |
| | BudAdap5 | .349 | .278 | .384 | 1.000 | .465 |
| | BudAdap6 | .508 | .468 | .668 | .465 | 1.000 |
| | BudAdap7 | .279 | .282 | .302 | .446 | .426 |
| | BudAdap8 | .424 | .462 | .473 | .280 | .509 |
| | BudAdap9 | .173 | .292 | .227 | .205 | .340 |
| | BudAdap10 | .396 | .611 | .455 | .298 | .361 |
| | BudAdap11 | .453 | .493 | .420 | .249 | .326 |
| Sig. (1-tailed) | BudAdap1 | | .000 | .001 | .029 | .002 |
| | BudAdap3 | .000 | | .000 | .068 | .005 |
| | BudAdap4 | .001 | .000 | | .018 | .000 |
| | BudAdap5 | .029 | .068 | .018 | | .005 |
| | BudAdap6 | .002 | .005 | .000 | .005 | |
| | BudAdap7 | .068 | .065 | .052 | .007 | .009 |
| | BudAdap8 | .010 | .005 | .004 | .067 | .002 |
| | BudAdap9 | .181 | .059 | .114 | .139 | .033 |
| | BudAdap10 | .015 | .000 | .006 | .055 | .025 |
| | BudAdap11 | .006 | .003 | .010 | .093 | .039 |

a. Determinant = .001

(Lanjutan Lampiran 2)

**Inverse of Correlation Matrix**

| | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 | BudAdap7 |
|---|---|---|---|---|---|---|
| BudAdap1 | 2.192 | -.998 | -.325 | -.247 | -.279 | -.038 |
| BudAdap3 | -.998 | 2.949 | -.354 | -.035 | -.238 | 1.037 |
| BudAdap4 | -.325 | -.354 | 2.458 | -.195 | -1.095 | .453 |
| BudAdap5 | -.247 | -.035 | -.195 | 1.536 | -.318 | -.811 |
| BudAdap6 | -.279 | -.238 | -1.095 | -.318 | 2.336 | -.603 |
| BudAdap7 | -.038 | 1.037 | .453 | -.811 | -.603 | 3.578 |
| BudAdap8 | -.248 | -.417 | -.365 | .087 | -.230 | -.375 |
| BudAdap9 | .218 | .015 | .272 | .224 | -.162 | -.923 |
| BudAdap10 | 1.407 | -2.950 | -.531 | -.146 | .472 | -1.824 |
| BudAdap11 | -1.459 | 1.372 | -.102 | .471 | .163 | -.461 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .786 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 168.220 |
| | df | 45 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Anti-image Covariance | BudAdap1 | .456 | -.154 | -.060 | -.073 |
| | BudAdap3 | -.154 | .339 | -.049 | -.008 |
| | BudAdap4 | -.060 | -.049 | .407 | -.052 |
| | BudAdap5 | -.073 | -.008 | -.052 | .651 |
| | BudAdap6 | -.054 | -.035 | -.191 | -.088 |
| | BudAdap7 | -.005 | .098 | .051 | -.148 |
| | BudAdap8 | -.052 | -.065 | -.068 | .026 |
| | BudAdap9 | .043 | .002 | .048 | .064 |
| | BudAdap10 | .066 | -.102 | -.022 | -.010 |
| | BudAdap11 | -.095 | .067 | -.006 | .044 |
| Anti-image Correlation | BudAdap1 | .788[a] | -.393 | -.140 | -.135 |
| | BudAdap3 | -.393 | .740[a] | -.131 | -.016 |
| | BudAdap4 | -.140 | -.131 | .860[a] | -.101 |
| | BudAdap5 | -.135 | -.016 | -.101 | .828[a] |
| | BudAdap6 | -.123 | -.091 | -.457 | -.168 |
| | BudAdap7 | -.014 | .319 | .153 | -.346 |
| | BudAdap8 | -.114 | -.165 | -.158 | .048 |
| | BudAdap9 | .097 | .006 | .114 | .119 |
| | BudAdap10 | .304 | -.549 | -.108 | -.038 |
| | BudAdap11 | -.373 | .303 | -.025 | .144 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudAdap1 | 1.000 | .653 |
| BudAdap3 | 1.000 | .607 |
| BudAdap4 | 1.000 | .741 |
| BudAdap5 | 1.000 | .330 |

| | | |
|---|---|---|
| BudAdap6 | 1.000 | .649 |
| BudAdap7 | 1.000 | .779 |
| BudAdap8 | 1.000 | .520 |
| BudAdap9 | 1.000 | .655 |
| BudAdap10 | 1.000 | .801 |
| BudAdap11 | 1.000 | .720 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 5.035 | 50.348 | 50.348 | 5.035 | 50.348 | |
| 2 | 1.420 | 14.199 | 64.547 | 1.420 | 14.199 | |
| 3 | .984 | 9.845 | 74.392 | | | |
| 4 | .818 | 8.180 | 82.572 | | | |
| 5 | .483 | 4.832 | 87.404 | | | |
| 6 | .423 | 4.233 | 91.637 | | | |
| 7 | .324 | 3.236 | 94.874 | | | |
| 8 | .267 | 2.668 | 97.541 | | | |
| 9 | .185 | 1.851 | 99.393 | | | |
| 10 | .061 | .607 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .667 | .457 |
| BudAdap3 | .724 | .289 |
| BudAdap4 | .718 | .475 |
| BudAdap5 | .531 | .219 |
| BudAdap6 | .708 | .384 |
| BudAdap7 | .748 | -.469 |
| BudAdap8 | .720 | -.042 |
| BudAdap9 | .631 | -.506 |
| BudAdap10 | .827 | -.342 |
| BudAdap11 | .780 | -.333 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced Correlatio**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Reproduced Correlation | BudAdap1 | .653[a] | .615 | .696 | .454 |
| | BudAdap3 | .615 | .607[a] | .657 | .448 |
| | BudAdap4 | .696 | .657 | .741[a] | .485 |
| | BudAdap5 | .454 | .448 | .485 | .330[a] |
| | BudAdap6 | .647 | .623 | .691 | .460 |
| | BudAdap7 | .284 | .405 | .314 | .294 |
| | BudAdap8 | .461 | .509 | .497 | .373 |
| | BudAdap9 | .189 | .310 | .213 | .225 |

| | | | | | |
|---|---|---|---|---|---|
| | BudAdap10 | .395 | .499 | .431 | .364 |
| | BudAdap11 | .368 | .468 | .402 | .342 |
| Residual[b] | BudAdap1 | | -.017 | -.127 | -.105 |
| | BudAdap3 | -.017 | | -.067 | -.170 |
| | BudAdap4 | -.127 | -.067 | | -.101 |
| | BudAdap5 | -.105 | -.170 | -.101 | |
| | BudAdap6 | -.139 | -.155 | -.023 | .005 |
| | BudAdap7 | -.005 | -.123 | -.012 | .151 |
| | BudAdap8 | -.036 | -.046 | -.023 | -.093 |
| | BudAdap9 | -.017 | -.019 | .014 | -.020 |
| | BudAdap10 | .001 | .112 | .024 | -.066 |
| | BudAdap11 | .086 | .025 | .018 | -.093 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 28 (62.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .795 | .145 |
| BudAdap3 | .717 | .304 |
| BudAdap4 | .844 | .168 |
| BudAdap5 | .531 | .218 |
| BudAdap6 | .773 | .225 |
| BudAdap7 | .201 | .860 |
| BudAdap8 | .482 | .536 |
| BudAdap9 | .092 | .804 |
| BudAdap10 | .347 | .825 |
| BudAdap11 | .320 | .786 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .710 | .704 |
| 2 | .704 | -.710 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8
BudAdap9 BudAdap11
  /MISSING LISTWISE
  /ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8
BudAdap9 BudAdap11
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
```

```
/CRITERIA MINEIGEN(1) ITERATE(25)
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:19:32 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9 BudAdap11<br>/MISSING LISTWISE<br>/ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap7 BudAdap8 BudAdap9 BudAdap11<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.08 |
| | Maximum Memory Required | 11368 (11.102K) bytes |

**Correlation Matrix[a]**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 |
|---|---|---|---|---|---|---|
| Correlation | BudAdap1 | 1.000 | .598 | .569 | .349 | .508 |
| | BudAdap3 | .598 | 1.000 | .590 | .278 | .468 |
| | BudAdap4 | .569 | .590 | 1.000 | .384 | .668 |
| | BudAdap5 | .349 | .278 | .384 | 1.000 | .465 |
| | BudAdap6 | .508 | .468 | .668 | .465 | 1.000 |
| | BudAdap7 | .279 | .282 | .302 | .446 | .426 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudAdap8 | .424 | .462 | .473 | .280 | .509 |
| | BudAdap9 | .173 | .292 | .227 | .205 | .340 |
| | BudAdap11 | .453 | .493 | .420 | .249 | .326 |
| Sig. (1-tailed) | BudAdap1 | | .000 | .001 | .029 | .002 |
| | BudAdap3 | .000 | | .000 | .068 | .005 |
| | BudAdap4 | .001 | .000 | | .018 | .000 |
| | BudAdap5 | .029 | .068 | .018 | | .005 |
| | BudAdap6 | .002 | .005 | .000 | .005 | |
| | BudAdap7 | .068 | .065 | .052 | .007 | .009 |
| | BudAdap8 | .010 | .005 | .004 | .067 | .002 |
| | BudAdap9 | .181 | .059 | .114 | .139 | .033 |
| | BudAdap11 | .006 | .003 | .010 | .093 | .039 |

a. Determinant = .011

**Inverse of Correlation Matrix**

| | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 | BudAdap7 |
|---|---|---|---|---|---|---|
| BudAdap1 | 1.990 | -.574 | -.248 | -.226 | -.346 | .224 |
| BudAdap3 | -.574 | 2.060 | -.514 | -.079 | -.096 | .488 |
| BudAdap4 | -.248 | -.514 | 2.429 | -.203 | -1.069 | .354 |
| BudAdap5 | -.226 | -.079 | -.203 | 1.534 | -.311 | -.838 |
| BudAdap6 | -.346 | -.096 | -1.069 | -.311 | 2.314 | -.515 |
| BudAdap7 | .224 | .488 | .354 | -.838 | -.515 | 3.238 |
| BudAdap8 | -.324 | -.258 | -.336 | .095 | -.255 | -.277 |
| BudAdap9 | .328 | -.217 | .230 | .213 | -.125 | -1.067 |
| BudAdap11 | -.513 | -.612 | -.460 | .373 | .481 | -1.687 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .802 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 113.073 |
| | df | 36 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Anti-image Covariance | BudAdap1 | .503 | -.140 | -.051 | -.074 |
| | BudAdap3 | -.140 | .486 | -.103 | -.025 |
| | BudAdap4 | -.051 | -.103 | .412 | -.055 |
| | BudAdap5 | -.074 | -.025 | -.055 | .652 |
| | BudAdap6 | -.075 | -.020 | -.190 | -.088 |
| | BudAdap7 | .035 | .073 | .045 | -.169 |
| | BudAdap8 | -.076 | -.059 | -.065 | .029 |
| | BudAdap9 | .074 | -.047 | .042 | .062 |
| | BudAdap11 | -.101 | -.117 | -.074 | .095 |
| Anti-image Correlation | BudAdap1 | .864[a] | -.283 | -.113 | -.130 |
| | BudAdap3 | -.283 | .858[a] | -.230 | -.044 |
| | BudAdap4 | -.113 | -.230 | .833[a] | -.105 |
| | BudAdap5 | -.130 | -.044 | -.105 | .791[a] |
| | BudAdap6 | -.161 | -.044 | -.451 | -.165 |

| | | | | |
|---|---|---|---|---|
| BudAdap7 | .088 | .189 | .126 | -.376 |
| BudAdap8 | -.157 | -.123 | -.147 | .052 |
| BudAdap9 | .156 | -.101 | .099 | .115 |
| BudAdap11 | -.228 | -.267 | -.185 | .189 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudAdap1 | 1.000 | .675 |
| BudAdap3 | 1.000 | .620 |
| BudAdap4 | 1.000 | .740 |
| BudAdap5 | 1.000 | .326 |
| BudAdap6 | 1.000 | .632 |
| BudAdap7 | 1.000 | .803 |
| BudAdap8 | 1.000 | .594 |
| BudAdap9 | 1.000 | .776 |
| BudAdap11 | 1.000 | .572 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.410 | 48.996 | 48.996 | 4.410 | 48.996 | |
| 2 | 1.327 | 14.745 | 63.741 | 1.327 | 14.745 | |
| 3 | .879 | 9.769 | 73.510 | | | |
| 4 | .739 | 8.216 | 81.726 | | | |
| 5 | .473 | 5.253 | 86.979 | | | |
| 6 | .404 | 4.493 | 91.472 | | | |
| 7 | .323 | 3.586 | 95.058 | | | |
| 8 | .265 | 2.942 | 98.000 | | | |
| 9 | .180 | 2.000 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .698 | -.433 |
| BudAdap3 | .718 | -.323 |
| BudAdap4 | .748 | -.425 |
| BudAdap5 | .561 | -.103 |
| BudAdap6 | .756 | -.246 |
| BudAdap7 | .716 | .539 |
| BudAdap8 | .746 | .192 |
| BudAdap9 | .618 | .628 |
| BudAdap11 | .713 | .251 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced Correlations**

(Lanjutan Lampiran 2)

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Reproduced Correlation | BudAdap1 | .675[a] | .641 | .706 | .437 |
| | BudAdap3 | .641 | .620[a] | .674 | .436 |
| | BudAdap4 | .706 | .674 | .740[a] | .464 |
| | BudAdap5 | .437 | .436 | .464 | .326[a] |
| | BudAdap6 | .634 | .622 | .670 | .450 |
| | BudAdap7 | .267 | .340 | .307 | .347 |
| | BudAdap8 | .438 | .474 | .477 | .399 |
| | BudAdap9 | .160 | .241 | .195 | .282 |
| | BudAdap11 | .389 | .431 | .427 | .374 |
| Residual[b] | BudAdap1 | | -.043 | -.138 | -.088 |
| | BudAdap3 | -.043 | | -.084 | -.158 |
| | BudAdap4 | -.138 | -.084 | | -.080 |
| | BudAdap5 | -.088 | -.158 | -.080 | |
| | BudAdap6 | -.126 | -.154 | -.003 | .015 |
| | BudAdap7 | .012 | -.058 | -.005 | .099 |
| | BudAdap8 | -.014 | -.012 | -.003 | -.119 |
| | BudAdap9 | .013 | .051 | .032 | -.077 |
| | BudAdap11 | .064 | .062 | -.007 | -.126 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 20 (55.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .813 | .120 |
| BudAdap3 | .757 | .216 |
| BudAdap4 | .846 | .158 |
| BudAdap5 | .496 | .283 |
| BudAdap6 | .737 | .300 |
| BudAdap7 | .200 | .873 |
| BudAdap8 | .447 | .628 |
| BudAdap9 | .067 | .878 |
| BudAdap11 | .383 | .652 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .764 | .645 |
| 2 | -.645 | .764 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap9
BudAdap11
  /MISSING LISTWISE
  /ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap9
BudAdap11
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:20:26 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap9 BudAdap11<br>/MISSING LISTWISE<br>/ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap9 BudAdap11<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.23 |
| | Maximum Memory Required | 9264 (9.047K) bytes |

**Correlation Matrix[a]**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 |
|---|---|---|---|---|---|---|
| Correlation | BudAdap1 | 1.000 | .598 | .569 | .349 | .508 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudAdap3 | .598 | 1.000 | .590 | .278 | .468 |
| | BudAdap4 | .569 | .590 | 1.000 | .384 | .668 |
| | BudAdap5 | .349 | .278 | .384 | 1.000 | .465 |
| | BudAdap6 | .508 | .468 | .668 | .465 | 1.000 |
| | BudAdap8 | .424 | .462 | .473 | .280 | .509 |
| | BudAdap9 | .173 | .292 | .227 | .205 | .340 |
| | BudAdap11 | .453 | .493 | .420 | .249 | .326 |
| Sig. (1-tailed) | BudAdap1 | | .000 | .001 | .029 | .002 |
| | BudAdap3 | .000 | | .000 | .068 | .005 |
| | BudAdap4 | .001 | .000 | | .018 | .000 |
| | BudAdap5 | .029 | .068 | .018 | | .005 |
| | BudAdap6 | .002 | .005 | .000 | .005 | |
| | BudAdap8 | .010 | .005 | .004 | .067 | .002 |
| | BudAdap9 | .181 | .059 | .114 | .139 | .033 |
| | BudAdap11 | .006 | .003 | .010 | .093 | .039 |

a. Determinant = .036

**Inverse of Correlation Matrix**

| | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 | BudAdap8 |
|---|---|---|---|---|---|---|
| BudAdap1 | 1.974 | -.608 | -.273 | -.168 | -.311 | -.305 |
| BudAdap3 | -.608 | 1.986 | -.567 | .047 | -.018 | -.216 |
| BudAdap4 | -.273 | -.567 | 2.391 | -.112 | -1.013 | -.306 |
| BudAdap5 | -.168 | .047 | -.112 | 1.317 | -.444 | .023 |
| BudAdap6 | -.311 | -.018 | -1.013 | -.444 | 2.232 | -.299 |
| BudAdap8 | -.305 | -.216 | -.306 | .023 | -.299 | 2.114 |
| BudAdap9 | .402 | -.057 | .347 | -.063 | -.294 | -1.031 |
| BudAdap11 | -.396 | -.358 | -.275 | -.064 | .213 | .074 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .822 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 84.609 |
| | df | 28 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Anti-image Covariance | BudAdap1 | .506 | -.155 | -.058 | -.065 |
| | BudAdap3 | -.155 | .503 | -.119 | .018 |
| | BudAdap4 | -.058 | -.119 | .418 | -.036 |
| | BudAdap5 | -.065 | .018 | -.036 | .759 |
| | BudAdap6 | -.071 | -.004 | -.190 | -.151 |
| | BudAdap8 | -.073 | -.051 | -.061 | .008 |
| | BudAdap9 | .108 | -.015 | .077 | -.025 |
| | BudAdap11 | -.120 | -.108 | -.069 | -.029 |
| Anti-image Correlation | BudAdap1 | .852[a] | -.307 | -.125 | -.104 |
| | BudAdap3 | -.307 | .879[a] | -.260 | .029 |
| | BudAdap4 | -.125 | -.260 | .833[a] | -.063 |
| | BudAdap5 | -.104 | .029 | -.063 | .896[a] |

| | | | | |
|---|---|---|---|---|
| BudAdap6 | -.148 | -.009 | -.438 | -.259 |
| BudAdap8 | -.149 | -.106 | -.136 | .014 |
| BudAdap9 | .208 | -.029 | .163 | -.040 |
| BudAdap11 | -.218 | -.197 | -.138 | -.043 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudAdap1 | 1.000 | .654 |
| BudAdap3 | 1.000 | .597 |
| BudAdap4 | 1.000 | .723 |
| BudAdap5 | 1.000 | .377 |
| BudAdap6 | 1.000 | .638 |
| BudAdap8 | 1.000 | .704 |
| BudAdap9 | 1.000 | .859 |
| BudAdap11 | 1.000 | .516 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.970 | 49.621 | 49.621 | 3.970 | 49.621 | |
| 2 | 1.097 | 13.717 | 63.338 | 1.097 | 13.717 | |
| 3 | .847 | 10.588 | 73.926 | | | |
| 4 | .653 | 8.161 | 82.086 | | | |
| 5 | .456 | 5.696 | 87.782 | | | |
| 6 | .398 | 4.971 | 92.752 | | | |
| 7 | .322 | 4.027 | 96.780 | | | |
| 8 | .258 | 3.220 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .743 | -.321 |
| BudAdap3 | .762 | -.128 |
| BudAdap4 | .794 | -.304 |
| BudAdap5 | .547 | -.279 |
| BudAdap6 | .775 | -.193 |
| BudAdap8 | .741 | .394 |
| BudAdap9 | .558 | .740 |
| BudAdap11 | .669 | .261 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced Correlations**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Reproduced Correlation | BudAdap1 | .654[a] | .607 | .687 | .496 |

| | | | | | |
|---|---|---|---|---|---|
| | BudAdap3 | .607 | .597[a] | .644 | .452 |
| | BudAdap4 | .687 | .644 | .723[a] | .519 |
| | BudAdap5 | .496 | .452 | .519 | .377[a] |
| | BudAdap6 | .638 | .615 | .674 | .478 |
| | BudAdap8 | .424 | .514 | .468 | .295 |
| | BudAdap9 | .177 | .331 | .218 | .099 |
| | BudAdap11 | .413 | .476 | .452 | .293 |
| Residual[b] | BudAdap1 | | -.009 | -.118 | -.147 |
| | BudAdap3 | -.009 | | -.053 | -.174 |
| | BudAdap4 | -.118 | -.053 | | -.135 |
| | BudAdap5 | -.147 | -.174 | -.135 | |
| | BudAdap6 | -.129 | -.147 | -.007 | -.013 |
| | BudAdap8 | .001 | -.052 | .005 | -.015 |
| | BudAdap9 | -.004 | -.039 | .009 | .106 |
| | BudAdap11 | .041 | .017 | -.032 | -.044 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 13 (46.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| BudAdap1 | .791 | .169 |
| BudAdap3 | .695 | .338 |
| BudAdap4 | .823 | .213 |
| BudAdap5 | .607 | .090 |
| BudAdap6 | .743 | .293 |
| BudAdap8 | .375 | .750 |
| BudAdap9 | .025 | .926 |
| BudAdap11 | .393 | .601 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .815 | .580 |
| 2 | -.580 | .815 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11
  /MISSING LISTWISE
  /ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
```

```
/EXTRACTION PC
/CRITERIA ITERATE(25)
/ROTATION VARIMAX
/METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:22:13 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11<br>/MISSING LISTWISE<br>/ANALYSIS BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.05 |
| | Maximum Memory Required | 7376 (7.203K) bytes |

**Correlation Matrix[a]**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 |
|---|---|---|---|---|---|---|
| Correlation | BudAdap1 | 1.000 | .598 | .569 | .349 | .508 |
| | BudAdap3 | .598 | 1.000 | .590 | .278 | .468 |
| | BudAdap4 | .569 | .590 | 1.000 | .384 | .668 |
| | BudAdap5 | .349 | .278 | .384 | 1.000 | .465 |
| | BudAdap6 | .508 | .468 | .668 | .465 | 1.000 |
| | BudAdap8 | .424 | .462 | .473 | .280 | .509 |
| | BudAdap11 | .453 | .493 | .420 | .249 | .326 |
| Sig. (1-tailed) | BudAdap1 | | .000 | .001 | .029 | .002 |

| | | | | | |
|---|---|---|---|---|---|
| BudAdap3 | .000 | | .000 | .068 | .005 |
| BudAdap4 | .001 | .000 | | .018 | .000 |
| BudAdap5 | .029 | .068 | .018 | | .005 |
| BudAdap6 | .002 | .005 | .000 | .005 | |
| BudAdap8 | .010 | .005 | .004 | .067 | .002 |
| BudAdap11 | .006 | .003 | .010 | .093 | .039 |

a. Determinant = .068

**Inverse of Correlation Matrix**

| | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 | BudAdap6 | BudAdap8 |
|---|---|---|---|---|---|---|
| BudAdap1 | 1.889 | -.595 | -.346 | -.155 | -.248 | -.086 |
| BudAdap3 | -.595 | 1.984 | -.557 | .045 | -.027 | -.247 |
| BudAdap4 | -.346 | -.557 | 2.327 | -.100 | -.959 | -.116 |
| BudAdap5 | -.155 | .045 | -.100 | 1.315 | -.454 | -.011 |
| BudAdap6 | -.248 | -.027 | -.959 | -.454 | 2.186 | -.460 |
| BudAdap8 | -.086 | -.247 | -.116 | -.011 | -.460 | 1.551 |
| BudAdap11 | -.264 | -.377 | -.161 | -.084 | .115 | -.266 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .867 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 69.314 |
| | df | 21 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Anti-image Covariance | BudAdap1 | .529 | -.159 | -.079 | -.062 |
| | BudAdap3 | -.159 | .504 | -.121 | .017 |
| | BudAdap4 | -.079 | -.121 | .430 | -.033 |
| | BudAdap5 | -.062 | .017 | -.033 | .760 |
| | BudAdap6 | -.060 | -.006 | -.188 | -.158 |
| | BudAdap8 | -.029 | -.080 | -.032 | -.006 |
| | BudAdap11 | -.095 | -.130 | -.047 | -.044 |
| Anti-image Correlation | BudAdap1 | .893[a] | -.308 | -.165 | -.098 |
| | BudAdap3 | -.308 | .863[a] | -.259 | .028 |
| | BudAdap4 | -.165 | -.259 | .852[a] | -.057 |
| | BudAdap5 | -.098 | .028 | -.057 | .888[a] |
| | BudAdap6 | -.122 | -.013 | -.425 | -.268 |
| | BudAdap8 | -.050 | -.141 | -.061 | -.008 |
| | BudAdap11 | -.158 | -.221 | -.087 | -.061 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudAdap1 | 1.000 | .605 |
| BudAdap3 | 1.000 | .604 |
| BudAdap4 | 1.000 | .679 |
| BudAdap5 | 1.000 | .314 |

| | | |
|---|---|---|
| BudAdap6 | 1.000 | .615 |
| BudAdap8 | 1.000 | .486 |
| BudAdap11 | 1.000 | .418 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.721 | 53.157 | 53.157 | 3.721 | 53.157 | |
| 2 | .870 | 12.435 | 65.592 | | | |
| 3 | .654 | 9.339 | 74.931 | | | |
| 4 | .610 | 8.712 | 83.643 | | | |
| 5 | .456 | 6.509 | 90.152 | | | |
| 6 | .396 | 5.658 | 95.810 | | | |
| 7 | .293 | 4.190 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| BudAdap1 | .778 |
| BudAdap3 | .777 |
| BudAdap4 | .824 |
| BudAdap5 | .560 |
| BudAdap6 | .784 |
| BudAdap8 | .697 |
| BudAdap11 | .646 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | BudAdap1 | BudAdap3 | BudAdap4 | BudAdap5 |
|---|---|---|---|---|---|
| Reproduced Correlation | BudAdap1 | .605[a] | .604 | .641 | .436 |
| | BudAdap3 | .604 | .604[a] | .640 | .435 |
| | BudAdap4 | .641 | .640 | .679[a] | .462 |
| | BudAdap5 | .436 | .435 | .462 | .314[a] |
| | BudAdap6 | .610 | .610 | .646 | .440 |
| | BudAdap8 | .542 | .542 | .574 | .391 |
| | BudAdap11 | .503 | .502 | .533 | .362 |
| Residual[b] | BudAdap1 | | -.007 | -.072 | -.087 |
| | BudAdap3 | -.007 | | -.050 | -.157 |
| | BudAdap4 | -.072 | -.050 | | -.077 |
| | BudAdap5 | -.087 | -.157 | -.077 | |
| | BudAdap6 | -.102 | -.142 | .021 | .025 |
| | BudAdap8 | -.118 | -.080 | -.101 | -.110 |
| | BudAdap11 | -.049 | -.010 | -.113 | -.114 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities

b. Residuals are computed between observed and reproduced correlations. There are 14 (66.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES BudMis1 BudMis2 BudMis3 BudMis4 BudMis5
  /MISSING LISTWISE
  /ANALYSIS BudMis1 BudMis2 BudMis3 BudMis4 BudMis5
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:23:08 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES BudMis1 BudMis2 BudMis3 BudMis4 BudMis5<br>/MISSING LISTWISE<br>/ANALYSIS BudMis1 BudMis2 BudMis3 BudMis4 BudMis5<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.09 |
| | Maximum Memory Required | 4248 (4.148K) bytes |

**Correlation Matrix[a]**

| | | BudMis1 | BudMis2 | BudMis3 | BudMis4 | BudMis5 |
|---|---|---|---|---|---|---|
| Correlation | BudMis1 | 1.000 | .617 | .390 | .493 | .318 |
| | BudMis2 | .617 | 1.000 | .704 | .730 | .418 |
| | BudMis3 | .390 | .704 | 1.000 | .683 | .539 |
| | BudMis4 | .493 | .730 | .683 | 1.000 | .476 |
| | BudMis5 | .318 | .418 | .539 | .476 | 1.000 |
| Sig. (1-tailed) | BudMis1 | | .000 | .017 | .003 | .043 |
| | BudMis2 | .000 | | .000 | .000 | .011 |
| | BudMis3 | .017 | .000 | | .000 | .001 |
| | BudMis4 | .003 | .000 | .000 | | .004 |
| | BudMis5 | .043 | .011 | .001 | .004 | |

a. Determinant = .085

**Inverse of Correlation Matrix**

| | BudMis1 | BudMis2 | BudMis3 | BudMis4 | BudMis5 |
|---|---|---|---|---|---|
| BudMis1 | 1.665 | -1.019 | .294 | -.197 | -.168 |
| BudMis2 | -1.019 | 3.201 | -1.187 | -1.094 | .146 |
| BudMis3 | .294 | -1.187 | 2.554 | -.723 | -.631 |
| BudMis4 | -.197 | -1.094 | -.723 | 2.530 | -.294 |
| BudMis5 | -.168 | .146 | -.631 | -.294 | 1.473 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .799 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 65.190 |
| | df | 10 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | BudMis1 | BudMis2 | BudMis3 | BudMis4 | BudMis5 |
|---|---|---|---|---|---|---|
| Anti-image Covariance | BudMis1 | .601 | -.191 | .069 | -.047 | -.068 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudMis2 | -.191 | .312 | -.145 | -.135 | .031 |
| | BudMis3 | .069 | -.145 | .391 | -.112 | -.168 |
| | BudMis4 | -.047 | -.135 | -.112 | .395 | -.079 |
| | BudMis5 | -.068 | .031 | -.168 | -.079 | .679 |
| Anti-image Correlation | BudMis1 | .788[a] | -.442 | .142 | -.096 | -.107 |
| | BudMis2 | -.442 | .753[a] | -.415 | -.384 | .067 |
| | BudMis3 | .142 | -.415 | .787[a] | -.284 | -.325 |
| | BudMis4 | -.096 | -.384 | -.284 | .849[a] | -.153 |
| | BudMis5 | -.107 | .067 | -.325 | -.153 | .845[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| BudMis1 | 1.000 | .483 |
| BudMis2 | 1.000 | .787 |
| BudMis3 | 1.000 | .716 |
| BudMis4 | 1.000 | .748 |
| BudMis5 | 1.000 | .448 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.182 | 63.640 | 63.640 | 3.182 | 63.640 | |
| 2 | .748 | 14.969 | 78.608 | | | |
| 3 | .553 | 11.052 | 89.660 | | | |
| 4 | .302 | 6.041 | 95.702 | | | |
| 5 | .215 | 4.298 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| BudMis1 | .695 |
| BudMis2 | .887 |
| BudMis3 | .846 |
| BudMis4 | .865 |
| BudMis5 | .669 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | BudMis1 | BudMis2 | BudMis3 | BudMis4 | BudMis5 |
|---|---|---|---|---|---|---|
| Reproduced Correlation | BudMis1 | .483[a] | .616 | .588 | .601 | .465 |
| | BudMis2 | .616 | .787[a] | .751 | .767 | .594 |
| | BudMis3 | .588 | .751 | .716[a] | .732 | .566 |
| | BudMis4 | .601 | .767 | .732 | .748[a] | .579 |

| | | | | | | |
|---|---|---|---|---|---|---|
| | BudMis5 | .465 | .594 | .566 | .579 | .448[a] |
| Residual[b] | BudMis1 | | .000 | -.198 | -.108 | -.147 |
| | BudMis2 | .000 | | -.047 | -.037 | -.175 |
| | BudMis3 | -.198 | -.047 | | -.049 | -.027 |
| | BudMis4 | -.108 | -.037 | -.049 | | -.103 |
| | BudMis5 | -.147 | -.175 | -.027 | -.103 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 5 (50.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KepPek1 KepPek2 KepPek3 KepPek4
  /MISSING LISTWISE
  /ANALYSIS KepPek1 KepPek2 KepPek3 KepPek4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:24:14 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES KepPek1 KepPek2 KepPek3 KepPek4<br>/MISSING LISTWISE<br>/ANALYSIS KepPek1 KepPek2 KepPek3 KepPek4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.05 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | KepPek1 | KepPek2 | KepPek3 | KepPek4 |
|---|---|---|---|---|---|
| Correlation | KepPek1 | 1.000 | .580 | .440 | .365 |
| | KepPek2 | .580 | 1.000 | .573 | .463 |
| | KepPek3 | .440 | .573 | 1.000 | .554 |
| | KepPek4 | .365 | .463 | .554 | 1.000 |
| Sig. (1-tailed) | KepPek1 | | .000 | .007 | .024 |
| | KepPek2 | .000 | | .000 | .005 |
| | KepPek3 | .007 | .000 | | .001 |
| | KepPek4 | .024 | .005 | .001 | |

a. Determinant = .285

**Inverse of Correlation Matrix**

| | KepPek1 | KepPek2 | KepPek3 | KepPek4 |
|---|---|---|---|---|
| KepPek1 | 1.557 | -.736 | -.198 | -.118 |
| KepPek2 | -.736 | 1.908 | -.619 | -.273 |
| KepPek3 | -.198 | -.619 | 1.793 | -.635 |
| KepPek4 | -.118 | -.273 | -.635 | 1.521 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .756 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 33.661 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KepPek1 | KepPek2 | KepPek3 | KepPek4 |
|---|---|---|---|---|---|
| Anti-image Covariance | KepPek1 | .642 | -.248 | -.071 | -.050 |
| | KepPek2 | -.248 | .524 | -.181 | -.094 |
| | KepPek3 | -.071 | -.181 | .558 | -.233 |
| | KepPek4 | -.050 | -.094 | -.233 | .657 |

| | | | | | |
|---|---|---|---|---|---|
| Anti-image Correlation | KepPek1 | .767[a] | -.427 | -.119 | -.077 |
| | KepPek2 | -.427 | .734[a] | -.334 | -.160 |
| | KepPek3 | -.119 | -.334 | .752[a] | -.384 |
| | KepPek4 | -.077 | -.160 | -.384 | .785[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KepPek1 | 1.000 | .562 |
| KepPek2 | 1.000 | .702 |
| KepPek3 | 1.000 | .672 |
| KepPek4 | 1.000 | .558 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.493 | 62.334 | 62.334 | 2.493 | 62.334 | |
| 2 | .687 | 17.165 | 79.499 | | | |
| 3 | .449 | 11.219 | 90.718 | | | |
| 4 | .371 | 9.282 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KepPek1 | .750 |
| KepPek2 | .838 |
| KepPek3 | .819 |
| KepPek4 | .747 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KepPek1 | KepPek2 | KepPek3 | KepPek4 |
|---|---|---|---|---|---|
| Reproduced Correlation | KepPek1 | .562[a] | .628 | .614 | .560 |
| | KepPek2 | .628 | .702[a] | .686 | .626 |
| | KepPek3 | .614 | .686 | .672[a] | .612 |
| | KepPek4 | .560 | .626 | .612 | .558[a] |
| Residual[b] | KepPek1 | | -.047 | -.174 | -.195 |
| | KepPek2 | -.047 | | -.113 | -.163 |
| | KepPek3 | -.174 | -.113 | | -.058 |
| | KepPek4 | -.195 | -.163 | -.058 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 5 (83.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KepGaj1 KepGaj2 KepGaj3
  /MISSING LISTWISE
  /ANALYSIS KepGaj1 KepGaj2 KepGaj3
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:25:44 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KepGaj1 KepGaj2 KepGaj3<br>/MISSING LISTWISE<br>/ANALYSIS KepGaj1 KepGaj2 KepGaj3<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |

| | | |
|---|---|---|
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.08 |
| | Maximum Memory Required | 1984 (1.938K) bytes |

**Correlation Matrix[a]**

| | | KepGaj1 | KepGaj2 | KepGaj3 |
|---|---|---|---|---|
| Correlation | KepGaj1 | 1.000 | .891 | .743 |
| | KepGaj2 | .891 | 1.000 | .802 |
| | KepGaj3 | .743 | .802 | 1.000 |
| Sig. (1-tailed) | KepGaj1 | | .000 | .000 |
| | KepGaj2 | .000 | | .000 |
| | KepGaj3 | .000 | .000 | |

a. Determinant = .073

**Inverse of Correlation Matrix**

| | KepGaj1 | KepGaj2 | KepGaj3 |
|---|---|---|---|
| KepGaj1 | 4.897 | -4.055 | -.383 |
| KepGaj2 | -4.055 | 6.167 | -1.937 |
| KepGaj3 | -.383 | -1.937 | 2.838 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .721 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 71.208 |
| | df | 3 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KepGaj1 | KepGaj2 | KepGaj3 |
|---|---|---|---|---|
| Anti-image Covariance | KepGaj1 | .204 | -.134 | -.028 |
| | KepGaj2 | -.134 | .162 | -.111 |
| | KepGaj3 | -.028 | -.111 | .352 |
| Anti-image Correlation | KepGaj1 | .708[a] | -.738 | -.103 |
| | KepGaj2 | -.738 | .654[a] | -.463 |
| | KepGaj3 | -.103 | -.463 | .842[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KepGaj1 | 1.000 | .884 |
| KepGaj2 | 1.000 | .924 |
| KepGaj3 | 1.000 | .817 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | Extraction Sums of Squared Loading |
|---|---|---|

| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
|---|---|---|---|---|---|---|
| 1 | 2.626 | 87.517 | 87.517 | 2.626 | 87.517 | |
| 2 | .273 | 9.101 | 96.619 | | | |
| 3 | .101 | 3.381 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KepGaj1 | .940 |
| KepGaj2 | .961 |
| KepGaj3 | .904 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KepGaj1 | KepGaj2 | KepGaj3 |
|---|---|---|---|---|
| Reproduced Correlation | KepGaj1 | .884[a] | .904 | .850 |
| | KepGaj2 | .904 | .924[a] | .869 |
| | KepGaj3 | .850 | .869 | .817[a] |
| Residual[b] | KepGaj1 | | -.013 | -.107 |
| | KepGaj2 | -.013 | | -.067 |
| | KepGaj3 | -.107 | -.067 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 2 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KepPeng1 KepPeng2 KepPeng3
  /MISSING LISTWISE
  /ANALYSIS KepPeng1 KepPeng2 KepPeng3
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:26:50 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KepPeng1 KepPeng2 KepPeng3<br>/MISSING LISTWISE<br>/ANALYSIS KepPeng1 KepPeng2 KepPeng3<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.04 |
| | Maximum Memory Required | 1984 (1.938K) bytes |

**Correlation Matrix[a]**

| | | KepPeng1 | KepPeng2 | KepPeng3 |
|---|---|---|---|---|
| Correlation | KepPeng1 | 1.000 | .771 | .773 |
| | KepPeng2 | .771 | 1.000 | .646 |
| | KepPeng3 | .773 | .646 | 1.000 |
| Sig. (1-tailed) | KepPeng1 | | .000 | .000 |
| | KepPeng2 | .000 | | .000 |
| | KepPeng3 | .000 | .000 | |

a. Determinant = .161

**Inverse of Correlation Matrix**

| | KepPeng1 | KepPeng2 | KepPeng3 |
|---|---|---|---|
| KepPeng1 | 3.622 | -1.691 | -1.705 |
| KepPeng2 | -1.691 | 2.507 | -.314 |
| KepPeng3 | -1.705 | -.314 | 2.520 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .713 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 49.650 |
| | df | 3 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KepPeng1 | KepPeng2 | KepPeng3 |
|---|---|---|---|---|
| Anti-image Covariance | KepPeng1 | .276 | -.186 | -.187 |
| | KepPeng2 | -.186 | .399 | -.050 |
| | KepPeng3 | -.187 | -.050 | .397 |
| Anti-image Correlation | KepPeng1 | .653[a] | -.561 | -.564 |
| | KepPeng2 | -.561 | .754[a] | -.125 |
| | KepPeng3 | -.564 | -.125 | .752[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KepPeng1 | 1.000 | .881 |
| KepPeng2 | 1.000 | .790 |
| KepPeng3 | 1.000 | .791 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.462 | 82.054 | 82.054 | 2.462 | 82.054 | |
| 2 | .354 | 11.791 | 93.845 | | | |
| 3 | .185 | 6.155 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KepPeng1 | .939 |
| KepPeng2 | .889 |
| KepPeng3 | .889 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KepPeng1 | KepPeng2 | KepPeng3 |
|---|---|---|---|---|
| Reproduced Correlation | KepPeng1 | .881[a] | .834 | .835 |
| | KepPeng2 | .834 | .790[a] | .790 |
| | KepPeng3 | .835 | .790 | .791[a] |

| | | | | |
|---|---|---|---|---|
| Residual[b] | KepPeng1 | | -.063 | -.062 |
| | KepPeng2 | -.063 | | -.144 |
| | KepPeng3 | -.062 | -.144 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 3 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KepPro1 KepPro2 KepPro3
  /MISSING LISTWISE
  /ANALYSIS KepPro1 KepPro2 KepPro3
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:27:57 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES KepPro1 KepPro2 KepPro3<br>/MISSING LISTWISE<br>/ANALYSIS KepPro1 KepPro2 KepPro3<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.03 |
| | Maximum Memory Required | 1984 (1.938K) bytes |

**Correlation Matrix[a]**

| | | KepPro1 | KepPro2 | KepPro3 |
|---|---|---|---|---|
| Correlation | KepPro1 | 1.000 | .849 | .829 |
| | KepPro2 | .849 | 1.000 | .927 |
| | KepPro3 | .829 | .927 | 1.000 |
| Sig. (1-tailed) | KepPro1 | | .000 | .000 |
| | KepPro2 | .000 | | .000 |
| | KepPro3 | .000 | .000 | |

a. Determinant = .038

**Inverse of Correlation Matrix**

| | KepPro1 | KepPro2 | KepPro3 |
|---|---|---|---|
| KepPro1 | 3.754 | -2.150 | -1.119 |
| KepPro2 | -2.150 | 8.331 | -5.939 |
| KepPro3 | -1.119 | -5.939 | 7.433 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .748 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 89.180 |
| | df | 3 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KepPro1 | KepPro2 | KepPro3 |
|---|---|---|---|---|
| Anti-image Covariance | KepPro1 | .266 | -.069 | -.040 |
| | KepPro2 | -.069 | .120 | -.096 |
| | KepPro3 | -.040 | -.096 | .135 |
| Anti-image Correlation | KepPro1 | .880[a] | -.385 | -.212 |
| | KepPro2 | -.385 | .688[a] | -.755 |
| | KepPro3 | -.212 | -.755 | .716[a] |

a. Measures of Sampling Adequacy(MSA)

(Lanjutan Lampiran 2)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KepPro1 | 1.000 | .871 |
| KepPro2 | 1.000 | .940 |
| KepPro3 | 1.000 | .927 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.737 | 91.248 | 91.248 | 2.737 | 91.248 | |
| 2 | .191 | 6.355 | 97.603 | | | |
| 3 | .072 | 2.397 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KepPro1 | .933 |
| KepPro2 | .970 |
| KepPro3 | .963 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KepPro1 | KepPro2 | KepPro3 |
|---|---|---|---|---|
| Reproduced Correlation | KepPro1 | .871[a] | .905 | .898 |
| | KepPro2 | .905 | .940[a] | .933 |
| | KepPro3 | .898 | .933 | .927[a] |
| Residual[b] | KepPro1 | | -.056 | -.069 |
| | KepPro2 | -.056 | | -.006 |
| | KepPro3 | -.069 | -.006 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 2 (66.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KepRek1 KepRek2 KepRek3
  /MISSING LISTWISE
  /ANALYSIS KepRek1 KepRek2 KepRek3
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:28:58 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KepRek1 KepRek2 KepRek3<br>/MISSING LISTWISE<br>/ANALYSIS KepRek1 KepRek2 KepRek3<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.06 |
| | Maximum Memory Required | 1984 (1.938K) bytes |

**Correlation Matrix[a]**

| | | KepRek1 | KepRek2 | KepRek3 |
|---|---|---|---|---|
| Correlation | KepRek1 | 1.000 | .693 | .338 |
| | KepRek2 | .693 | 1.000 | .477 |
| | KepRek3 | .338 | .477 | 1.000 |
| Sig. (1-tailed) | KepRek1 | | .000 | .034 |
| | KepRek2 | .000 | | .004 |

| | | | |
|---|---|---|---|
| KepRek3 | .034 | .004 | |

a. Determinant = .401

**Inverse of Correlation Matrix**

| | KepRek1 | KepRek2 | KepRek3 |
|---|---|---|---|
| KepRek1 | 1.924 | -1.325 | -.018 |
| KepRek2 | -1.325 | 2.208 | -.606 |
| KepRek3 | -.018 | -.606 | 1.295 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .603 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 24.809 |
| | df | 3 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KepRek1 | KepRek2 | KepRek3 |
|---|---|---|---|---|
| Anti-image Covariance | KepRek1 | .520 | -.312 | -.007 |
| | KepRek2 | -.312 | .453 | -.212 |
| | KepRek3 | -.007 | -.212 | .772 |
| Anti-image Correlation | KepRek1 | .590[a] | -.643 | -.011 |
| | KepRek2 | -.643 | .567[a] | -.358 |
| | KepRek3 | -.011 | -.358 | .727[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KepRek1 | 1.000 | .714 |
| KepRek2 | 1.000 | .814 |
| KepRek3 | 1.000 | .493 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 2.021 | 67.352 | 67.352 | 2.021 | 67.352 | |
| 2 | .693 | 23.095 | 90.446 | | | |
| 3 | .287 | 9.554 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KepRek1 | .845 |
| KepRek2 | .902 |
| KepRek3 | .702 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KepRek1 | KepRek2 | KepRek3 |
|---|---|---|---|---|
| Reproduced Correlation | KepRek1 | .714[a] | .762 | .593 |
| | KepRek2 | .762 | .814[a] | .633 |
| | KepRek3 | .593 | .633 | .493[a] |
| Residual[b] | KepRek1 | | -.069 | -.255 |
| | KepRek2 | -.069 | | -.156 |
| | KepRek3 | -.255 | -.156 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 3 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd6 KinInd7 KinInd8
  /MISSING LISTWISE
  /ANALYSIS KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd6 KinInd7 KinInd8
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:29:49 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |

(Lanjutan Lampiran 2)

| | | |
|---|---|---|
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd6 KinInd7 KinInd8<br>/MISSING LISTWISE<br>/ANALYSIS KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd6 KinInd7 KinInd8<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.13 |
| | Elapsed Time | 00:00:00.36 |
| | Maximum Memory Required | 9264 (9.047K) bytes |

**Correlation Matrix[a]**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 | KinInd6 |
|---|---|---|---|---|---|---|---|
| Correlation | KinInd1 | 1.000 | .729 | .685 | .326 | .288 | .232 |
| | KinInd2 | .729 | 1.000 | .707 | .442 | .403 | .444 |
| | KinInd3 | .685 | .707 | 1.000 | .518 | .482 | .724 |
| | KinInd4 | .326 | .442 | .518 | 1.000 | .591 | .557 |
| | KinInd5 | .288 | .403 | .482 | .591 | 1.000 | .589 |
| | KinInd6 | .232 | .444 | .724 | .557 | .589 | 1.000 |
| | KinInd7 | .598 | .769 | .730 | .504 | .364 | .490 |
| | KinInd8 | .576 | .692 | .518 | .317 | .591 | .437 |
| Sig. (1-tailed) | KinInd1 | | .000 | .000 | .039 | .062 | .108 |
| | KinInd2 | .000 | | .000 | .007 | .014 | .007 |
| | KinInd3 | .000 | .000 | | .002 | .003 | .000 |
| | KinInd4 | .039 | .007 | .002 | | .000 | .001 |
| | KinInd5 | .062 | .014 | .003 | .000 | | .000 |
| | KinInd6 | .108 | .007 | .000 | .001 | .000 | |
| | KinInd7 | .000 | .000 | .000 | .002 | .024 | .003 |
| | KinInd8 | .000 | .000 | .002 | .044 | .000 | .008 |

a. Determinant = .003

**Inverse of Correlation Matrix**

| | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 | KinInd6 | KinInd7 | Ki |
|---|---|---|---|---|---|---|---|---|
| KinInd1 | 3.755 | -1.032 | -2.988 | -.359 | .228 | 2.101 | .294 | |
| KinInd2 | -1.032 | 4.303 | -.432 | -.303 | .411 | .023 | -1.629 | |
| KinInd3 | -2.988 | -.432 | 6.260 | .375 | -.268 | -3.479 | -1.346 | |
| KinInd4 | -.359 | -.303 | .375 | 2.071 | -1.028 | -.655 | -.546 | |
| KinInd5 | .228 | .411 | -.268 | -1.028 | 2.481 | -.475 | .270 | |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| KinInd6 | 2.101 | .023 | -3.479 | -.655 | -.475 | 3.870 | .250 |
| KinInd7 | .294 | -1.629 | -1.346 | -.546 | .270 | .250 | 3.121 |
| KinInd8 | -.988 | -1.493 | 1.017 | .735 | -1.344 | -.755 | -.015 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .760 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 151.923 |
| | df | 28 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 |
|---|---|---|---|---|---|---|
| Anti-image Covariance | KinInd1 | .266 | -.064 | -.127 | -.046 | .024 |
| | KinInd2 | -.064 | .232 | -.016 | -.034 | .038 |
| | KinInd3 | -.127 | -.016 | .160 | .029 | -.017 |
| | KinInd4 | -.046 | -.034 | .029 | .483 | -.200 |
| | KinInd5 | .024 | .038 | -.017 | -.200 | .403 |
| | KinInd6 | .145 | .001 | -.144 | -.082 | -.049 |
| | KinInd7 | .025 | -.121 | -.069 | -.084 | .035 |
| | KinInd8 | -.088 | -.117 | .055 | .119 | -.182 |
| Anti-image Correlation | KinInd1 | .691[a] | -.257 | -.616 | -.129 | .075 |
| | KinInd2 | -.257 | .849[a] | -.083 | -.102 | .126 |
| | KinInd3 | -.616 | -.083 | .727[a] | .104 | -.068 |
| | KinInd4 | -.129 | -.102 | .104 | .786[a] | -.454 |
| | KinInd5 | .075 | .126 | -.068 | -.454 | .765[a] |
| | KinInd6 | .551 | .006 | -.707 | -.231 | -.153 |
| | KinInd7 | .086 | -.445 | -.305 | -.215 | .097 |
| | KinInd8 | -.296 | -.418 | .236 | .296 | -.495 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KinInd1 | 1.000 | .816 |
| KinInd2 | 1.000 | .856 |
| KinInd3 | 1.000 | .781 |
| KinInd4 | 1.000 | .659 |
| KinInd5 | 1.000 | .723 |
| KinInd6 | 1.000 | .757 |
| KinInd7 | 1.000 | .718 |
| KinInd8 | 1.000 | .587 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.739 | 59.236 | 59.236 | 4.739 | 59.236 | |
| 2 | 1.158 | 14.478 | 73.714 | 1.158 | 14.478 | |

| | | | | | | |
|---|---|---|---|---|---|---|
| 3 | .724 | 9.044 | 82.758 | | | |
| 4 | .524 | 6.546 | 89.305 | | | |
| 5 | .369 | 4.607 | 93.912 | | | |
| 6 | .239 | 2.991 | 96.903 | | | |
| 7 | .159 | 1.991 | 98.894 | | | |
| 8 | .089 | 1.106 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| KinInd1 | .733 | -.528 |
| KinInd2 | .858 | -.348 |
| KinInd3 | .883 | -.042 |
| KinInd4 | .677 | .448 |
| KinInd5 | .683 | .507 |
| KinInd6 | .722 | .485 |
| KinInd7 | .820 | -.214 |
| KinInd8 | .754 | -.134 |

Extraction Method: Principal Component Analysis.
a. 2 components extracted.

**Reproduced Correlations**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 |
|---|---|---|---|---|---|---|
| Reproduced Correlation | KinInd1 | .816[a] | .812 | .669 | .260 | .232 |
| | KinInd2 | .812 | .856[a] | .771 | .425 | .409 |
| | KinInd3 | .669 | .771 | .781[a] | .579 | .581 |
| | KinInd4 | .260 | .425 | .579 | .659[a] | .689 |
| | KinInd5 | .232 | .409 | .581 | .689 | .723[a] |
| | KinInd6 | .273 | .451 | .617 | .706 | .739 |
| | KinInd7 | .714 | .778 | .733 | .460 | .451 |
| | KinInd8 | .624 | .693 | .671 | .451 | .447 |
| Residual[b] | KinInd1 | | -.083 | .016 | .066 | .055 |
| | KinInd2 | -.083 | | -.064 | .017 | -.006 |
| | KinInd3 | .016 | -.064 | | -.061 | -.099 |
| | KinInd4 | .066 | .017 | -.061 | | -.099 |
| | KinInd5 | .055 | -.006 | -.099 | -.099 | |
| | KinInd6 | -.041 | -.007 | .106 | -.150 | -.149 |
| | KinInd7 | -.116 | -.009 | -.003 | .045 | -.087 |
| | KinInd8 | -.048 | -.002 | -.153 | -.134 | .144 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 16 (57.0%) nonredundant residuals wi

**Rotated Component Matrix[a]**

| | Component | |
|---|---|---|
| | 1 | 2 |
| KinInd1 | .902 | .054 |
| KinInd2 | .884 | .273 |

| | | |
|---|---|---|
| KinInd3 | .710 | .526 |
| KinInd4 | .242 | .775 |
| KinInd5 | .208 | .824 |
| KinInd6 | .253 | .832 |
| KinInd7 | .771 | .353 |
| KinInd8 | .669 | .373 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.[a]
a. Rotation converged in 3 iterations.

**Component Transformation Matrix**

| Component | 1 | 2 |
|---|---|---|
| 1 | .775 | .632 |
| 2 | -.632 | .775 |

Extraction Method: Principal Component Analysis.
Rotation Method: Varimax with Kaiser Normalization.

```
FACTOR
  /VARIABLES KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8
  /MISSING LISTWISE
  /ANALYSIS KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:30:36 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |

| | | |
|---|---|---|
| Syntax | | FACTOR<br>/VARIABLES KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8<br>/MISSING LISTWISE<br>/ANALYSIS KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.11 |
| | Maximum Memory Required | 7376 (7.203K) bytes |

**Correlation Matrix[a]**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 | KinInd7 |
|---|---|---|---|---|---|---|---|
| Correlation | KinInd1 | 1.000 | .729 | .685 | .326 | .288 | .598 |
| | KinInd2 | .729 | 1.000 | .707 | .442 | .403 | .769 |
| | KinInd3 | .685 | .707 | 1.000 | .518 | .482 | .730 |
| | KinInd4 | .326 | .442 | .518 | 1.000 | .591 | .504 |
| | KinInd5 | .288 | .403 | .482 | .591 | 1.000 | .364 |
| | KinInd7 | .598 | .769 | .730 | .504 | .364 | 1.000 |
| | KinInd8 | .576 | .692 | .518 | .317 | .591 | .504 |
| Sig. (1-tailed) | KinInd1 | | .000 | .000 | .039 | .062 | .000 |
| | KinInd2 | .000 | | .000 | .007 | .014 | .000 |
| | KinInd3 | .000 | .000 | | .002 | .003 | .000 |
| | KinInd4 | .039 | .007 | .002 | | .000 | .002 |
| | KinInd5 | .062 | .014 | .003 | .000 | | .024 |
| | KinInd7 | .000 | .000 | .000 | .002 | .024 | |
| | KinInd8 | .000 | .000 | .002 | .044 | .000 | .002 |

a. Determinant = .010

**Inverse of Correlation Matrix**

| | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 | KinInd7 | KinInd8 |
|---|---|---|---|---|---|---|---|
| KinInd1 | 2.615 | -1.045 | -1.100 | -.004 | .486 | .158 | -.578 |
| KinInd2 | -1.045 | 4.303 | -.412 | -.299 | .414 | -1.631 | -1.489 |
| KinInd3 | -1.100 | -.412 | 3.133 | -.214 | -.695 | -1.121 | .339 |
| KinInd4 | -.004 | -.299 | -.214 | 1.961 | -1.108 | -.504 | .608 |
| KinInd5 | .486 | .414 | -.695 | -1.108 | 2.422 | .301 | -1.437 |
| KinInd7 | .158 | -1.631 | -1.121 | -.504 | .301 | 3.105 | .034 |
| KinInd8 | -.578 | -1.489 | .339 | .608 | -1.437 | .034 | 2.826 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .799 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 118.948 |
| | df | 21 |

| | |
|---|---|
| Sig. | .000 |

**Anti-image Matrices**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 |
|---|---|---|---|---|---|---|
| Anti-image Covariance | KinInd1 | .382 | -.093 | -.134 | -.001 | .077 |
| | KinInd2 | -.093 | .232 | -.031 | -.035 | .040 |
| | KinInd3 | -.134 | -.031 | .319 | -.035 | -.092 |
| | KinInd4 | -.001 | -.035 | -.035 | .510 | -.233 |
| | KinInd5 | .077 | .040 | -.092 | -.233 | .413 |
| | KinInd7 | .019 | -.122 | -.115 | -.083 | .040 |
| | KinInd8 | -.078 | -.122 | .038 | .110 | -.210 |
| Anti-image Correlation | KinInd1 | .851[a] | -.311 | -.384 | -.002 | .193 |
| | KinInd2 | -.311 | .826[a] | -.112 | -.103 | .128 |
| | KinInd3 | -.384 | -.112 | .859[a] | -.086 | -.252 |
| | KinInd4 | -.002 | -.103 | -.086 | .768[a] | -.509 |
| | KinInd5 | .193 | .128 | -.252 | -.509 | .655[a] |
| | KinInd7 | .055 | -.446 | -.360 | -.204 | .110 |
| | KinInd8 | -.213 | -.427 | .114 | .258 | -.549 |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KinInd1 | 1.000 | .617 |
| KinInd2 | 1.000 | .785 |
| KinInd3 | 1.000 | .741 |
| KinInd4 | 1.000 | .427 |
| KinInd5 | 1.000 | .426 |
| KinInd7 | 1.000 | .694 |
| KinInd8 | 1.000 | .591 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 4.281 | 61.158 | 61.158 | 4.281 | 61.158 | |
| 2 | .989 | 14.135 | 75.292 | | | |
| 3 | .703 | 10.050 | 85.342 | | | |
| 4 | .369 | 5.276 | 90.618 | | | |
| 5 | .318 | 4.540 | 95.158 | | | |
| 6 | .180 | 2.567 | 97.725 | | | |
| 7 | .159 | 2.275 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KinInd1 | .786 |
| KinInd2 | .886 |

| | |
|---|---|
| KinInd3 | .861 |
| KinInd4 | .653 |
| KinInd5 | .653 |
| KinInd7 | .833 |
| KinInd8 | .769 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KinInd1 | KinInd2 | KinInd3 | KinInd4 | KinInd5 |
|---|---|---|---|---|---|---|
| Reproduced Correlation | KinInd1 | .617[a] | .696 | .676 | .513 | .513 |
| | KinInd2 | .696 | .785[a] | .762 | .579 | .578 |
| | KinInd3 | .676 | .762 | .741[a] | .562 | .562 |
| | KinInd4 | .513 | .579 | .562 | .427[a] | .426 |
| | KinInd5 | .513 | .578 | .562 | .426 | .426[a] |
| | KinInd7 | .655 | .738 | .717 | .544 | .544 |
| | KinInd8 | .604 | .681 | .662 | .502 | .502 |
| Residual[b] | KinInd1 | | .033 | .009 | -.187 | -.225 |
| | KinInd2 | .033 | | -.055 | -.136 | -.175 |
| | KinInd3 | .009 | -.055 | | -.044 | -.079 |
| | KinInd4 | -.187 | -.136 | -.044 | | .164 |
| | KinInd5 | -.225 | -.175 | -.079 | .164 | |
| | KinInd7 | -.056 | .031 | .012 | -.040 | -.180 |
| | KinInd8 | -.029 | .011 | -.144 | -.186 | .089 |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 13 (61.0%) nonredundant residuals wi
than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KinUsa1 KinUsa2 KinUsa3 KinUsa4
  /MISSING LISTWISE
  /ANALYSIS KinUsa1 KinUsa2 KinUsa3 KinUsa4
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

(Lanjutan Lampiran 2)

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:31:40 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KinUsa1 KinUsa2 KinUsa3 KinUsa4<br>/MISSING LISTWISE<br>/ANALYSIS KinUsa1 KinUsa2 KinUsa3 KinUsa4<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.02 |
| | Maximum Memory Required | 3008 (2.938K) bytes |

**Correlation Matrix[a]**

| | | KinUsa1 | KinUsa2 | KinUsa3 | KinUsa4 |
|---|---|---|---|---|---|
| Correlation | KinUsa1 | 1.000 | .680 | .783 | .671 |
| | KinUsa2 | .680 | 1.000 | .799 | .799 |
| | KinUsa3 | .783 | .799 | 1.000 | .812 |
| | KinUsa4 | .671 | .799 | .812 | 1.000 |
| Sig. (1-tailed) | KinUsa1 | | .000 | .000 | .000 |
| | KinUsa2 | .000 | | .000 | .000 |
| | KinUsa3 | .000 | .000 | | .000 |
| | KinUsa4 | .000 | .000 | .000 | |

a. Determinant = .038

**Inverse of Correlation Matrix**

| | KinUsa1 | KinUsa2 | KinUsa3 | KinUsa4 |
|---|---|---|---|---|

| | | | | |
|---|---|---|---|---|
| KinUsa1 | 2.642 | -.356 | -1.690 | -.115 |
| KinUsa2 | -.356 | 3.427 | -1.261 | -1.473 |
| KinUsa3 | -1.690 | -1.261 | 4.680 | -1.661 |
| KinUsa4 | -.115 | -1.473 | -1.661 | 3.604 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .835 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 87.697 |
| | df | 6 |
| | Sig. | .000 |

**Anti-image Matrices**

| | | KinUsa1 | KinUsa2 | KinUsa3 | KinUsa4 |
|---|---|---|---|---|---|
| Anti-image Covariance | KinUsa1 | .379 | -.039 | -.137 | -.012 |
| | KinUsa2 | -.039 | .292 | -.079 | -.119 |
| | KinUsa3 | -.137 | -.079 | .214 | -.099 |
| | KinUsa4 | -.012 | -.119 | -.099 | .277 |
| Anti-image Correlation | KinUsa1 | .861[a] | -.118 | -.481 | -.037 |
| | KinUsa2 | -.118 | .857[a] | -.315 | -.419 |
| | KinUsa3 | -.481 | -.315 | .795[a] | -.405 |
| | KinUsa4 | -.037 | -.419 | -.405 | .837[a] |

a. Measures of Sampling Adequacy(MSA)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KinUsa1 | 1.000 | .744 |
| KinUsa2 | 1.000 | .823 |
| KinUsa3 | 1.000 | .883 |
| KinUsa4 | 1.000 | .825 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| Component | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 3.275 | 81.869 | 81.869 | 3.275 | 81.869 | |
| 2 | .365 | 9.133 | 91.002 | | | |
| 3 | .204 | 5.091 | 96.093 | | | |
| 4 | .156 | 3.907 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KinUsa1 | .862 |
| KinUsa2 | .907 |
| KinUsa3 | .940 |
| KinUsa4 | .908 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KinUsa1 | KinUsa2 | KinUsa3 | KinUsa4 |
|---|---|---|---|---|---|
| Reproduced Correlation | KinUsa1 | .744[a] | .782 | .810 | .784 |
| | KinUsa2 | .782 | .823[a] | .852 | .824 |
| | KinUsa3 | .810 | .852 | .883[a] | .854 |
| | KinUsa4 | .784 | .824 | .854 | .825[a] |
| Residual[b] | KinUsa1 | | -.102 | -.028 | -.113 |
| | KinUsa2 | -.102 | | -.053 | -.025 |
| | KinUsa3 | -.028 | -.053 | | -.041 |
| | KinUsa4 | -.113 | -.025 | -.041 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 3 (50.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

```
FACTOR
  /VARIABLES KinDuk1 KinDuk2
  /MISSING LISTWISE
  /ANALYSIS KinDuk1 KinDuk2
  /PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION
  /CRITERIA MINEIGEN(1) ITERATE(25)
  /EXTRACTION PC
  /CRITERIA ITERATE(25)
  /ROTATION VARIMAX
  /METHOD=CORRELATION.
```

**Factor Analysis**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 07:32:14 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest.sav |
| | Active Dataset | DataSet1 |

| | | |
|---|---|---|
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| Missing Value Handling | Definition of Missing | MISSING=EXCLUDE: User-defined missing values are treated as missing. |
| | Cases Used | LISTWISE: Statistics are based on cases with no missing values for any variable used. |
| Syntax | | FACTOR<br>/VARIABLES KinDuk1 KinDuk2<br>/MISSING LISTWISE<br>/ANALYSIS KinDuk1 KinDuk2<br>/PRINT INITIAL CORRELATION SIG DET KMO INV REPR AIC EXTRACTION ROTATION<br>/CRITERIA MINEIGEN(1) ITERATE(25)<br>/EXTRACTION PC<br>/CRITERIA ITERATE(25)<br>/ROTATION VARIMAX<br>/METHOD=CORRELATION. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.08 |
| | Maximum Memory Required | 1176 (1.148K) bytes |

**Correlation Matrix[a]**

| | | KinDuk1 | KinDuk2 |
|---|---|---|---|
| Correlation | KinDuk1 | 1.000 | .154 |
| | KinDuk2 | .154 | 1.000 |
| Sig. (1-tailed) | KinDuk1 | | .208 |
| | KinDuk2 | .208 | |

a. Determinant = .976

**Inverse of Correlation Matrix**

| | KinDuk1 | KinDuk2 |
|---|---|---|
| KinDuk1 | 1.024 | -.158 |
| KinDuk2 | -.158 | 1.024 |

**KMO and Bartlett's Test**

| | | |
|---|---|---|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .500 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | .663 |
| | df | 1 |
| | Sig. | .416 |

**Anti-image Matrices**

| | | KinDuk1 | KinDuk2 |
|---|---|---|---|
| Anti-image Covariance | KinDuk1 | .976 | -.151 |
| | KinDuk2 | -.151 | .976 |
| Anti-image Correlation | KinDuk1 | .500[a] | -.154 |
| | KinDuk2 | -.154 | .500[a] |

a. Measures of Sampling Adequacy(MSA)

(Lanjutan Lampiran 2)

**Communalities**

| | Initial | Extraction |
|---|---|---|
| KinDuk1 | 1.000 | .577 |
| KinDuk2 | 1.000 | .577 |

Extraction Method: Principal Component Analysis.

**Total Variance Explained**

| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loading | | |
|---|---|---|---|---|---|---|
| | Total | % of Variance | Cumulative % | Total | % of Variance | Cumu |
| 1 | 1.154 | 57.715 | 57.715 | 1.154 | 57.715 | |
| 2 | .846 | 42.285 | 100.000 | | | |

Extraction Method: Principal Component Analysis.

**Component Matrix[a]**

| | Component |
|---|---|
| | 1 |
| KinDuk1 | .760 |
| KinDuk2 | .760 |

Extraction Method: Principal Component Analysis.
a. 1 components extracted.

**Reproduced Correlations**

| | | KinDuk1 | KinDuk2 |
|---|---|---|---|
| Reproduced Correlation | KinDuk1 | .577[a] | .577 |
| | KinDuk2 | .577 | .577[a] |
| Residual[b] | KinDuk1 | | -.423 |
| | KinDuk2 | -.423 | |

Extraction Method: Principal Component Analysis.
a. Reproduced communalities
b. Residuals are computed between observed and reproduced correlations. There are 1 (100.0%) nonredundant residuals with absolute values greater than 0.05.

**Rotated Component Matrix[a]**

a. Only one component was extracted. The solution cannot be rotated.

Lampiran 3. Output Uji Reliabilitas

```
NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
GET DATA /TYPE=XLSX
  /FILE='C:\Users\Niam\Documents\Niam\KUESIONER PENELITIAN.xlsx'
  /SHEET=name 'Reliabilitas'
  /CELLRANGE=full
  /READNAMES=on
  /ASSUMEDSTRWIDTH=32767.
EXECUTE.
DATASET NAME DataSet2 WINDOW=FRONT.

SAVE OUTFILE='C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav'
  /COMPRESSED.
RELIABILITY
  /VARIABLES=MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16
MotPres17
  /SCALE('MotivasiPres') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:45:11 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=MotPres4 MotPres8 MotPres10 MotPres13 MotPres15 MotPres16 MotPres17 /SCALE('MotivasiPres') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.03 |

```
[DataSet2] C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav
```

**Scale: MotivasiPres**

(Lanjutam Lampiran 3)

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .887 | 7 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| MotPres4 | 27.100 | 6.921 | .624 | .877 |
| MotPres8 | 27.067 | 6.547 | .762 | .860 |
| MotPres10 | 26.900 | 7.128 | .546 | .887 |
| MotPres13 | 27.100 | 6.714 | .617 | .880 |
| MotPres15 | 26.767 | 7.357 | .626 | .878 |
| MotPres16 | 26.933 | 6.616 | .855 | .851 |
| MotPres17 | 27.133 | 6.326 | .770 | .859 |

```
RELIABILITY
  /VARIABLES=MotAfi1 MotAfi2 MotAfi3 MotAfi4
  /SCALE('MotivasiAfi') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:48:18 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Syntax | | RELIABILITY<br>/VARIABLES=MotAfi1 MotAfi2 MotAfi3 MotAfi4<br>/SCALE('MotivasiAfi') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.16 |

**Scale: MotivasiAfi**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .794 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| MotAfi1 | 13.067 | 1.789 | .550 | .769 |
| MotAfi2 | 13.367 | 1.826 | .623 | .736 |
| MotAfi3 | 13.533 | 1.568 | .740 | .671 |
| MotAfi4 | 13.233 | 1.771 | .521 | .787 |

```
RELIABILITY
  /VARIABLES=MotKeku3 MotKeku4 MotKeku5 MotKeku6
  /SCALE('MotivasiKeku') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | |
|---|---|
| Output Created | 15-MAY-2016 08:49:00 |
| Comments | |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=MotKeku3 MotKeku4 MotKeku5 MotKeku6<br>/SCALE('MotivasiKeku') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.52 |

**Scale: MotivasiKeku**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .969 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| MotKeku3 | 9.700 | 8.493 | .950 | .951 |
| MotKeku4 | 9.700 | 9.183 | .883 | .970 |
| MotKeku5 | 9.700 | 8.700 | .945 | .952 |
| MotKeku6 | 9.700 | 9.045 | .913 | .962 |

```
RELIABILITY
  /VARIABLES=PemKar1 PemKar2 PemKar3 PemKar4
  /SCALE('PemKar') ALL
  /MODEL=ALPHA
```

(Lanjutam Lampiran 3)

```
/SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:49:52 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=PemKar1 PemKar2 PemKar3 PemKar4 /SCALE('PemKar') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.08 |

**Scale: PemKar**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .886 | 4 |

**Item-Total Statistics**

(Lanjutam Lampiran 3)

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| PemKar1 | 12.600 | 3.766 | .756 | .853 |
| PemKar2 | 12.767 | 3.702 | .779 | .844 |
| PemKar3 | 12.700 | 3.183 | .888 | .797 |
| PemKar4 | 12.333 | 4.230 | .599 | .907 |

```
RELIABILITY
  /VARIABLES=PemIns1 PemIns2 PemIns3 PemIns4
  /SCALE('PemIns') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:51:35 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=PemIns1 PemIns2 PemIns3 PemIns4 /SCALE('PemIns') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.06 |
| | Elapsed Time | 00:00:00.13 |

**Scale: PemIns**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

(Lanjutam Lampiran 3)

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .888 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| PemIns1 | 12.833 | 2.557 | .646 | .901 |
| PemIns2 | 12.867 | 2.671 | .813 | .840 |
| PemIns3 | 12.767 | 2.599 | .791 | .844 |
| PemIns4 | 12.933 | 2.271 | .806 | .837 |

```
RELIABILITY
  /VARIABLES=PemInt1 PemInt2 PemInt3 PemInt4
  /SCALE('PemInt') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:52:40 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=PemInt1 PemInt2 PemInt3 PemInt4 /SCALE('PemInt') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.03 |

(Lanjutam Lampiran 3)

**Scale: PemInt**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .891 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| PemInt1 | 13.000 | 3.103 | .826 | .834 |
| PemInt2 | 13.000 | 3.103 | .826 | .834 |
| PemInt3 | 13.033 | 3.275 | .752 | .863 |
| PemInt4 | 12.967 | 3.757 | .647 | .899 |

```
RELIABILITY
  /VARIABLES=PemInd1 PemInd2 PemInd3 PemInd4
  /SCALE('PemInt') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:53:08 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value | Definition of Missing | User-defined missing values are treated as missing. |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Handling | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=PemInd1 PemInd2 PemInd3 PemInd4<br>/SCALE('PemInt') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.05 |
| | Elapsed Time | 00:00:00.33 |

**Scale: PemInt**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .859 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| PemInd1 | 12.600 | 3.490 | .701 | .821 |
| PemInd2 | 12.567 | 3.633 | .787 | .795 |
| PemInd3 | 12.667 | 3.264 | .846 | .762 |
| PemInd4 | 12.967 | 3.413 | .548 | .901 |

```
RELIABILITY
  /VARIABLES=BudKet1 BudKet2 BudKet3 BudKet4 BudKet5
  /SCALE('PemInt') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:53:31 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=BudKet1 BudKet2 BudKet3 BudKet4 BudKet5 /SCALE('PemInt') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.03 |
| | Elapsed Time | 00:00:00.16 |

**Scale: PemInt**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .817 | 5 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| BudKet1 | 17.000 | 2.690 | .639 | .778 |
| BudKet2 | 16.700 | 3.734 | .419 | .829 |
| BudKet3 | 16.800 | 2.786 | .788 | .725 |
| BudKet4 | 16.467 | 2.947 | .590 | .789 |
| BudKet5 | 16.767 | 3.289 | .667 | .772 |

```
RELIABILITY
```

(Lanjutam Lampiran 3)

```
/VARIABLES=BudKon1 BudKon2
/SCALE('BudKon') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:55:13 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=BudKon1 BudKon2 /SCALE('BudKon') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.03 |

**Scale: BudKon**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .362 | 2 |

(Lanjutam Lampiran 3)

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| BudKon1 | 4.000 | .759 | .227 | . |
| BudKon2 | 4.167 | .489 | .227 | . |

```
RELIABILITY
  /VARIABLES=BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11
  /SCALE('BudKon') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:57:37 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=BudAdap1 BudAdap3 BudAdap4 BudAdap5 BudAdap6 BudAdap8 BudAdap11 /SCALE('BudKon') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.02 |

**Scale: BudKon**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

(Lanjutam Lampiran 3)

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .847 | 7 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| BudAdap1 | 24.633 | 6.792 | .675 | .816 |
| BudAdap3 | 24.500 | 7.017 | .677 | .814 |
| BudAdap4 | 24.533 | 6.809 | .720 | .807 |
| BudAdap5 | 24.100 | 8.576 | .434 | .848 |
| BudAdap6 | 24.167 | 8.075 | .677 | .820 |
| BudAdap8 | 24.133 | 8.257 | .573 | .832 |
| BudAdap11 | 24.133 | 8.120 | .534 | .835 |

```
RELIABILITY
  /VARIABLES=BudMis1 BudMis2 BudMis3 BudMis4 BudMis5
  /SCALE('BudMis') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:58:50 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=BudMis1 BudMis2 BudMis3 BudMis4 BudMis5<br>/SCALE('BudMis') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.06 |

**Scale: BudMis**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .842 | 5 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| BudMis1 | 17.000 | 4.069 | .541 | .837 |
| BudMis2 | 17.033 | 3.689 | .776 | .779 |
| BudMis3 | 16.833 | 3.937 | .732 | .795 |
| BudMis4 | 16.867 | 3.361 | .744 | .782 |
| BudMis5 | 17.200 | 3.683 | .520 | .855 |

```
RELIABILITY
  /VARIABLES=KepPek1 KepPek2 KepPek3 KepPek4
  /SCALE('KepPek') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:59:27 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=KepPek1 KepPek2 KepPek3 KepPek4<br>/SCALE('KepPek') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.13 |

**Scale: KepPek**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .786 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KepPek1 | 12.700 | 1.872 | .554 | .762 |
| KepPek2 | 12.467 | 1.982 | .676 | .694 |
| KepPek3 | 12.567 | 2.185 | .645 | .720 |
| KepPek4 | 12.267 | 1.995 | .542 | .762 |

```
RELIABILITY
  /VARIABLES=KepGaj1 KepGaj2 KepGaj3
  /SCALE('KepPek') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

(Lanjutam Lampiran 3)

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 08:59:55 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=KepGaj1 KepGaj2 KepGaj3<br>/SCALE('KepPek') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.01 |

**Scale: KepPek**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .927 | 3 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KepGaj1 | 7.300 | 4.079 | .861 | .890 |
| KepGaj2 | 7.133 | 4.326 | .909 | .850 |
| KepGaj3 | 7.100 | 4.714 | .793 | .940 |

(Lanjutam Lampiran 3)

```
RELIABILITY
  /VARIABLES=KepPeng1 KepPeng2 KepPeng3
  /SCALE('KepPeng') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:00:55 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=KepPeng1 KepPeng2 KepPeng3 /SCALE('KepPeng') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.09 |

**Scale: KepPeng**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .886 | 3 |

(Lanjutam Lampiran 3)

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KepPeng1 | 8.267 | 1.513 | .850 | .775 |
| KepPeng2 | 8.067 | 1.444 | .756 | .869 |
| KepPeng3 | 8.133 | 1.775 | .750 | .868 |

```
RELIABILITY
  /VARIABLES=KepPro1 KepPro2 KepPro3
  /SCALE('KepPro') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:01:38 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=KepPro1 KepPro2 KepPro3<br>/SCALE('KepPro') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.03 |

**Scale: KepPro**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |

(Lanjutam Lampiran 3)

| | | | |
|---|---|---|---|
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .948 | 3 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KepPro1 | 7.233 | 4.116 | .855 | .961 |
| KepPro2 | 7.367 | 3.068 | .932 | .899 |
| KepPro3 | 7.267 | 3.375 | .919 | .903 |

```
RELIABILITY
  /VARIABLES=KepRek1 KepRek2 KepRek3
  /SCALE('KepRek') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:02:11 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=KepRek1 KepRek2 KepRek3<br>/SCALE('KepRek') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.19 |

(Lanjutam Lampiran 3)

**Scale: KepRek**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .742 | 3 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KepRek1 | 8.467 | .947 | .583 | .641 |
| KepRek2 | 8.500 | .879 | .706 | .502 |
| KepRek3 | 8.567 | .944 | .442 | .819 |

```
RELIABILITY
  /VARIABLES=KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8
  /SCALE('KinInd') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:02:52 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |

(Lanjutam Lampiran 3)

| | | |
|---|---|---|
| Syntax | | RELIABILITY<br>/VARIABLES=KinInd1 KinInd2 KinInd3 KinInd4 KinInd5 KinInd7 KinInd8<br>/SCALE('KinInd') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.03 |

**Scale: KinInd**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .890 | 7 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KinInd1 | 25.800 | 6.166 | .681 | .874 |
| KinInd2 | 25.767 | 6.047 | .815 | .857 |
| KinInd3 | 25.733 | 6.064 | .786 | .861 |
| KinInd4 | 25.833 | 6.557 | .549 | .891 |
| KinInd5 | 25.733 | 6.823 | .569 | .886 |
| KinInd7 | 25.900 | 6.507 | .748 | .868 |
| KinInd8 | 25.633 | 6.240 | .674 | .875 |

```
RELIABILITY
  /VARIABLES=KinUsa1 KinUsa2 KinUsa3 KinUsa4
  /SCALE('KinUsa') ALL
  /MODEL=ALPHA
  /SUMMARY=TOTAL.
```

**Reliability**

(Lanjutam Lampiran 3)

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:03:23 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY<br>/VARIABLES=KinUsa1 KinUsa2 KinUsa3 KinUsa4<br>/SCALE('KinUsa') ALL<br>/MODEL=ALPHA<br>/SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.00 |
| | Elapsed Time | 00:00:00.19 |

**Scale: KinUsa**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .924 | 4 |

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KinUsa1 | 13.067 | 2.547 | .765 | .921 |
| KinUsa2 | 13.167 | 2.489 | .834 | .901 |
| KinUsa3 | 13.233 | 2.116 | .886 | .880 |
| KinUsa4 | 13.233 | 2.185 | .833 | .900 |

```
RELIABILITY
```

(Lanjutam Lampiran 3)

```
/VARIABLES=KinDuk1 KinDuk2
/SCALE('KinDuk') ALL
/MODEL=ALPHA
/SUMMARY=TOTAL.
```

**Reliability**

**Notes**

| | | |
|---|---|---|
| Output Created | | 15-MAY-2016 09:03:50 |
| Comments | | |
| Input | Data | C:\Users\Niam\Documents\Niam\Pretest_Reliabilitas.sav |
| | Active Dataset | DataSet2 |
| | Filter | <none> |
| | Weight | <none> |
| | Split File | <none> |
| | N of Rows in Working Data File | 30 |
| | Matrix Input | |
| Missing Value Handling | Definition of Missing | User-defined missing values are treated as missing. |
| | Cases Used | Statistics are based on all cases with valid data for all variables in the procedure. |
| Syntax | | RELIABILITY /VARIABLES=KinDuk1 KinDuk2 /SCALE('KinDuk') ALL /MODEL=ALPHA /SUMMARY=TOTAL. |
| Resources | Processor Time | 00:00:00.02 |
| | Elapsed Time | 00:00:00.14 |

**Scale: KinDuk**

**Case Processing Summary**

| | | N | % |
|---|---|---|---|
| Cases | Valid | 30 | 100.0 |
| | Excluded[a] | 0 | .0 |
| | Total | 30 | 100.0 |

a. Listwise deletion based on all variables in the procedure.

**Reliability Statistics**

| Cronbach's Alpha | N of Items |
|---|---|
| .267 | 2 |

(Lanjutam Lampiran 3)

**Item-Total Statistics**

| | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
|---|---|---|---|---|
| KinDuk1 | 4.300 | .217 | .154 | . |
| KinDuk2 | 4.333 | .230 | .154 | . |

```
DATASET ACTIVATE DataSet1.
DATASET CLOSE DataSet2.
```

Lampiran 4. Output Uji SEM

DATE: 6/28/2016
TIME: 12:22

L I S R E L 8.72

BY

Karl G. Jöreskog & Dag Sörbom



The following lines were read from file C:\Users\NiamDH\Documents\Niam\Run Test\Run Final\Final.SPJ:

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Final
Raw Data from file 'C:\Users\NiamDH\Documents\Niam\Run Test\Run Final\Final.psf'
Latent Variables KepuasanKrj KinerjaKrw Motivasi PemimpinTran BudayaOrg
Relationships
KepPek = KepuasanKrj
KepGaj = KepuasanKrj
KepPeng = KepuasanKrj
KepPro = KepuasanKrj
KepRek = KepuasanKrj
KinInd = KinerjaKrw
KinUsa = KinerjaKrw
MotPre = Motivasi
MotAfi = Motivasi
MotKeku = Motivasi
PemKar = PemimpinTran
PemIns = PemimpinTran
PemInt = PemimpinTran
PemInd = PemimpinTran
BudKet = BudayaOrg
BudAdap = BudayaOrg
BudMis = BudayaOrg
KinerjaKrw = KepuasanKrj
KepuasanKrj = Motivasi PemimpinTran BudayaOrg
KinerjaKrw = Motivasi PemimpinTran BudayaOrg
Path Diagram
End of Problem
Set Error Covariance of MotKeku and PemInd Free
Set Error Covariance of MotAfi and PemInt Free
Set Error Covariance of BudKet and PemKar Free
```

(Lanjutan Lampiran 4)

Set Error Covariance of KepPro and KepGaj Free
Set Error Covariance of BudMis and PemKar Free
Set Error Covariance of BudMis and PemIns Free
Set Error Covariance of BudKet and PemIns Free
Set Error Covariance of MotPre and PemKar Free
Set Error Covariance of BudMis and MotPre Free
Set Error Covariance of BudAdap and MotPre Free
Set Error Covariance of KinInd and KepRek Free
Set Error Covariance of BudMis and PemInd Free
Set Error Covariance of BudAdap and PemInd Free
Set Error Covariance of KinUsa and KepRek Free
Set Error Covariance of PemInd and PemInt Free
Path Diagram
End of Problem

Sample Size = 385

Final

Covariance Matrix

| | KepPek | KepGaj | KepPeng | KepPro | KepRek | KinInd |
|---|---|---|---|---|---|---|
| KepPek | 1.00 | | | | | |
| KepGaj | 0.49 | 1.00 | | | | |
| KepPeng | 0.59 | 0.52 | 1.00 | | | |
| KepPro | 0.60 | 0.73 | 0.70 | 1.00 | | |
| KepRek | 0.62 | 0.49 | 0.66 | 0.65 | 1.00 | |
| KinInd | 0.55 | 0.35 | 0.45 | 0.35 | 0.53 | 1.00 |
| KinUsa | 0.50 | 0.32 | 0.41 | 0.31 | 0.35 | 0.79 |
| PemKar | 0.69 | 0.51 | 0.68 | 0.65 | 0.70 | 0.54 |
| PemIns | 0.73 | 0.45 | 0.60 | 0.54 | 0.60 | 0.55 |
| PemInt | 0.62 | 0.42 | 0.53 | 0.48 | 0.53 | 0.65 |
| PemInd | 0.20 | 0.14 | 0.24 | 0.24 | 0.23 | 0.19 |
| MotPre | 0.42 | 0.28 | 0.33 | 0.23 | 0.34 | 0.67 |
| MotAfi | 0.49 | 0.35 | 0.41 | 0.37 | 0.43 | 0.63 |
| MotKeku | 0.20 | 0.14 | 0.24 | 0.24 | 0.23 | 0.19 |
| BudKet | 0.63 | 0.47 | 0.62 | 0.62 | 0.62 | 0.41 |
| BudAdap | 0.71 | 0.46 | 0.64 | 0.57 | 0.67 | 0.57 |
| BudMis | 0.71 | 0.46 | 0.62 | 0.56 | 0.60 | 0.55 |

Covariance Matrix

| | KinUsa | PemKar | PemIns | PemInt | PemInd | MotPre |
|---|---|---|---|---|---|---|
| KinUsa | 1.00 | | | | | |
| PemKar | 0.41 | 1.00 | | | | |
| PemIns | 0.48 | 0.73 | 1.00 | | | |
| PemInt | 0.53 | 0.61 | 0.63 | 1.00 | | |
| PemInd | 0.08 | 0.28 | 0.17 | 0.27 | 1.00 | |
| MotPre | 0.54 | 0.39 | 0.44 | 0.70 | 0.19 | 1.00 |
| MotAfi | 0.51 | 0.49 | 0.49 | 0.94 | 0.23 | 0.75 |
| MotKeku | 0.08 | 0.28 | 0.17 | 0.27 | 1.00 | 0.19 |
| BudKet | 0.27 | 0.91 | 0.61 | 0.50 | 0.30 | 0.29 |
| BudAdap | 0.49 | 0.88 | 0.89 | 0.63 | 0.21 | 0.44 |

(Lanjutan Lampiran 4)

| | | | | | | |
|---|---|---|---|---|---|---|
| BudMis | 0.48 | 0.71 | 0.93 | 0.66 | 0.18 | 0.44 |

Covariance Matrix

| | MotAfi | MotKeku | BudKet | BudAdap | BudMis |
|---|---|---|---|---|---|
| MotAfi | 1.00 | | | | |
| MotKeku | 0.23 | 1.00 | | | |
| BudKet | 0.38 | 0.30 | 1.00 | | |
| BudAdap | 0.51 | 0.21 | 0.66 | 1.00 | |
| BudMis | 0.48 | 0.18 | 0.62 | 0.76 | 1.00 |

Final

Number of Iterations = 48

LISREL Estimates (Maximum Likelihood)

Measurement Equations

KepPek = 0.80*Kepuasan, Errorvar.= 0.36 , $R^2$ = 0.64
(0.034)
10.64

KepGaj = 0.66*Kepuasan, Errorvar.= 0.56 , $R^2$ = 0.44
(0.053) (0.048)
12.50 11.76

KepPeng = 0.81*Kepuasan, Errorvar.= 0.35 , $R^2$ = 0.65
(0.050) (0.033)
16.06 10.50

KepPro = 0.81*Kepuasan, Errorvar.= 0.35 , $R^2$ = 0.65
(0.050) (0.033)
16.07 10.50

KepRek = 0.80*Kepuasan, Errorvar.= 0.36 , $R^2$ = 0.64
(0.050) (0.034)
15.91 10.59

KinInd = 0.98*KinerjaK, Errorvar.= 0.033 , $R^2$ = 0.97
(0.042)
0.80

KinUsa = 0.80*KinerjaK, Errorvar.= 0.36 , $R^2$ = 0.65
(0.048) (0.040)
16.63 8.99

PemKar = 0.87*Pemimpin, Errorvar.= 0.24 , $R^2$ = 0.76
(0.044) (0.016)
19.92 15.35

PemIns = 0.85*Pemimpin, Errorvar.= 0.27 , $R^2$ = 0.73
(0.044) (0.018)

(Lanjutan Lampiran 4)

19.36 15.41

PemInt = 0.71*Pemimpin, Errorvar.= 0.49 , $R^2$ = 0.51
(0.046) (0.032)
15.60 15.53

PemInd = 0.044*Pemimpin, Errorvar.= 1.00 , $R^2$ = 0.0019
(0.024) (0.079)
1.82 12.65

MotPre = 0.75*Motivasi, Errorvar.= 0.44 , $R^2$ = 0.56
(0.048) (0.037)
15.53 12.17

MotAfi = 1.00*Motivasi, Errorvar.= 0.0048, $R^2$ = 1.00
(0.041) (0.017)
24.55 0.27

MotKeku = 0.23*Motivasi, Errorvar.= 0.95 , $R^2$ = 0.053
(0.055) (0.075)
4.15 12.63

BudKet = 0.79*BudayaOr, Errorvar.= 0.37 , $R^2$ = 0.63
(0.045) (0.024)
17.63 15.66

BudAdap = 0.88*BudayaOr, Errorvar.= 0.23 , $R^2$ = 0.77
(0.044) (0.015)
20.12 15.51

BudMis = 0.81*BudayaOr, Errorvar.= 0.34 , $R^2$ = 0.66
(0.045) (0.022)
18.09 15.65

Structural Equations

Kepuasan = - 0.028*Motivasi + 0.44*Pemimpin + 0.45*BudayaOr, Errorvar.= 0.19 , $R^2$ = 0.81
(0.044) (0.039) (0.040) (0.033)
-0.64 11.21 11.33 5.66

KinerjaK = 0.089*Kepuasan + 0.40*Motivasi + 0.15*Pemimpin + 0.15*BudayaOr, Errorvar.= 0.49 , $R^2$ = 0.51
(0.13) (0.055) (0.066) (0.071) (0.058)
0.68 7.29 2.36 2.13 8.36

Reduced Form Equations

Kepuasan = - 0.028*Motivasi + 0.44*Pemimpin + 0.45*BudayaOr, Errorvar.= 0.19, $R^2$ = 0.81
(0.044) (0.039) (0.040)
-0.64 11.21 11.33

KinerjaK = 0.40*Motivasi + 0.19*Pemimpin + 0.19*BudayaOr, Errorvar.= 0.49, $R^2$ = 0.51
(0.055) (0.029) (0.032)
7.27 6.61 5.94

(Lanjutan Lampiran 4)

Correlation Matrix of Independent Variables

| | Motivasi | Pemimpin | BudayaOr |
|---|---|---|---|
| Motivasi | 1.00 | | |
| Pemimpin | 0.68 | 1.00 | |
| | (0.03) | | |
| | 19.79 | | |
| BudayaOr | 0.56 | 1.13 | 1.00 |
| | (0.04) | (0.01) | |
| | 13.17 | 82.66 | |

Covariance Matrix of Latent Variables

| | Kepuasan | KinerjaK | Motivasi | Pemimpin | BudayaOr |
|---|---|---|---|---|---|
| Kepuasan | 1.00 | | | | |
| KinerjaK | 0.59 | 1.00 | | | |
| Motivasi | 0.53 | 0.64 | 1.00 | | |
| Pemimpin | 0.93 | 0.68 | 0.68 | 1.00 | |
| BudayaOr | 0.93 | 0.64 | 0.56 | 1.13 | 1.00 |

Goodness of Fit Statistics

Degrees of Freedom = 1876
Minimum Fit Function Chi-Square = 3631.73 (P = 0.0)
Normal Theory Weighted Least Squares Chi-Square = 3433.57 (P = 0.0)
Estimated Non-centrality Parameter (NCP) = 1557.57
90 Percent Confidence Interval for NCP = (1397.07 ; 1725.84)

Minimum Fit Function Value = 11.38
Population Discrepancy Function Value (F0) = 4.88
90 Percent Confidence Interval for F0 = (4.38 ; 5.41)
Root Mean Square Error of Approximation (RMSEA) = 0.051
90 Percent Confidence Interval for RMSEA = (0.048 ; 0.054)
P-Value for Test of Close Fit (RMSEA < 0.05) = 0.26

Expected Cross-Validation Index (ECVI) = 12.04
90 Percent Confidence Interval for ECVI = (11.54 ; 12.57)
ECVI for Saturated Model = 13.04
ECVI for Independence Model = 335.48

Chi-Square for Independence Model with 2016 Degrees of Freedom = 106891.03
Independence AIC = 107019.03
Model AIC = 3841.57
Saturated AIC = 4160.00
Independence CAIC = 107324.20
Model CAIC = 4814.31
Saturated CAIC = 14078.11

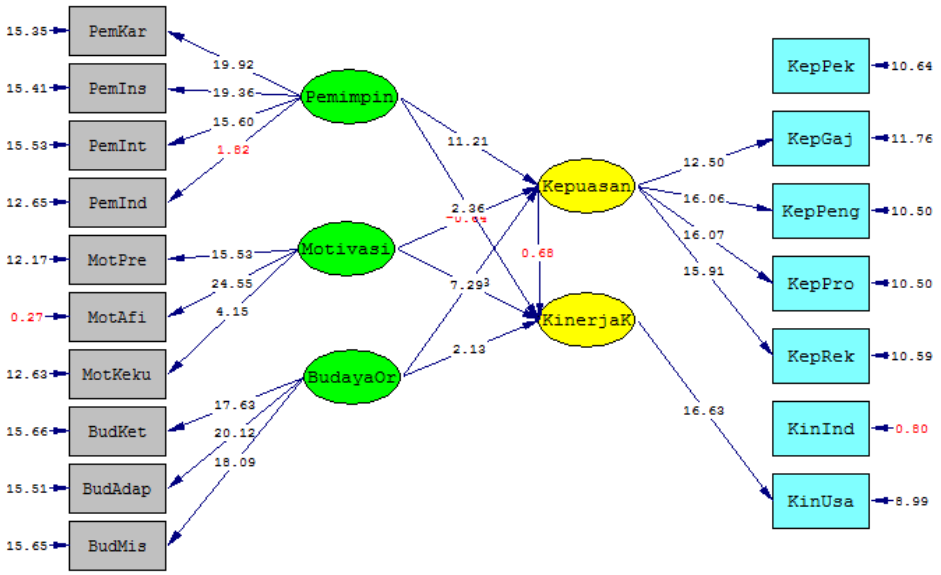
(Lanjutan Lampiran 4)

Normed Fit Index (NFI) = 0.97
Non-Normed Fit Index (NNFI) = 0.98
Parsimony Normed Fit Index (PNFI) = 0.90
Comparative Fit Index (CFI) = 0.98
Incremental Fit Index (IFI) = 0.98
Relative Fit Index (RFI) = 0.96

Critical N (CN) = 178.56

Root Mean Square Residual (RMR) = 0.039
Standardized RMR = 0.065
Goodness of Fit Index (GFI) = 0.75
Adjusted Goodness of Fit Index (AGFI) = 0.72
Parsimony Goodness of Fit Index (PGFI) = 0.67
Time used: 11.125 Seconds

(Lanjutan Lampiran 4)



Lampiran 5. Data responden

Keterangan kolom data responden

| | | | | | |
|---|---|---|---|---|---|
| 1 | MotPre4 | 31 | PemInd4 | 61 | KinInd7 |
| 2 | MotPre8 | 32 | BudKet1 | 62 | KinInd8 |
| 3 | MotPre10 | 33 | BudKet5 | 63 | KinUsa3 |
| 4 | MotPre13 | 34 | BudAdap2 | 64 | KinUsa4 |
| 5 | MotPre15 | 35 | BudAdap7 | 65 | KinInd4 |
| 6 | MotPre16 | 36 | BudAdap9 | 66 | KinUsa1 |
| 7 | MotPre17 | 37 | BudAdap11 | 67 | KinUsa2 |
| 8 | MotAfi1 | 38 | BudMis1 | 68 | KinDuk1 |
| 9 | MotAfi2 | 39 | BudMis2 | 69 | KinDuk2 |
| 10 | MotAfi3 | 40 | BudMis4 | 70 | BudKet2 |
| 11 | MotAfi4 | 41 | KepPek1 | 71 | BudKet3 |
| 12 | MotKeku3 | 42 | KepPek2 | 72 | BudKet4 |
| 13 | MotKeku4 | 43 | KepPek3 | 73 | ButKon1 |
| 14 | MotKeku5 | 44 | KepPek4 | 74 | ButKon2 |
| 15 | MotKeku6 | 45 | KepGaj1 | 75 | ButAdap3 |
| 16 | PemKar1 | 46 | KepGaj2 | 76 | ButAdap4 |
| 17 | PemKar2 | 47 | KepGaj3 | 77 | ButAdap5 |
| 18 | PemKar3 | 48 | KepPeng1 | | |
| 19 | PemKar4 | 49 | KepPeng2 | | |
| 20 | PemIns1 | 50 | KepPeng3 | | |
| 21 | PemIns2 | 51 | KepPro1 | | |
| 22 | PemIns3 | 52 | KepPro2 | | |
| 23 | PemIns4 | 53 | KepPro3 | | |
| 24 | PemInt1 | 54 | KepRek1 | | |
| 25 | PemInt2 | 55 | KepRek2 | | |
| 26 | PemInt3 | 56 | KepRek3 | | |
| 27 | PemInt4 | 57 | KinInd1 | | |
| 28 | PemInd1 | 58 | KinInd2 | | |
| 29 | PemInd2 | 59 | KinInd3 | | |
| 30 | PemInd3 | 60 | KinInd5 | | |

| Resp | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 |
| 2 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 |
| 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 3 | 5 | 5 | 5 | 5 | 4 | 5 | 5 | 5 |
| 4 | 4 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 5 |
| 5 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | 3 | 3 | 4 | 3 | 2 | 3 | 3 | 3 |
| 6 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 3 | 4 | 5 | 3 | 4 | 4 | 4 | 3 | 4 | 4 | 5 | 5 | 5 | 3 | 4 | 4 | 3 | 4 | 5 | 3 | 4 | 4 |
| 7 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 1 | 1 | 2 | 2 | 2 | 5 | 4 | 5 | 4 | 3 | 4 | 3 | 4 | 4 | 4 | 5 | 1 | 1 | 2 | 2 |
| 8 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 9 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 3 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 |
| 10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 1 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 11 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 12 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 13 | 4 | 4 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 |
| 14 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 15 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 16 | 4 | 4 | 5 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 17 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 18 | 4 | 5 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 3 | 3 | 3 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 20 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 21 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 4 | 4 | 3 | 4 |
| 22 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 23 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 4 |
| 24 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 4 | 3 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 25 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 5 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 |
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| Resp | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 1 | 3 | 1 | 1 | 4 | 4 | 4 | 1 | 4 | 3 | 1 |
| 2 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 4 |
| 3 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 |
| 4 | 4 | 5 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 4 | 5 | 4 | 5 | 5 | 5 | 4 | 4 | 5 | 3 | 4 | 4 | 3 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 5 | 3 | 3 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 3 | 4 | 2 | 4 | 4 | 4 | 4 | 4 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 |
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| 7 | 2 | 2 | 2 | 2 | 2 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 4 | 4 | 4 | 4 | 4 | 3 | 5 | 3 | 3 | 5 | 5 | 5 | 4 | 5 | 5 | 4 | 4 | 4 | 5 |
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