**Lampiran.2**

**Factor Analysis**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .507 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 196.138 |
| df | 78 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X2 | X3 | X4 | X5 | X6 | X7 | X8 | X9 | X10 | X11 | X12 | D |
| Anti-image Covariance | X1 | .754 | -.069 | .121 | .025 | -.037 | .039 | -.113 | .060 | -.255 | .038 | -.104 | .031 | -.095 |
| X2 | -.069 | .923 | .101 | .067 | -.150 | -.013 | -.014 | .028 | -.034 | .038 | .087 | -.040 | -.052 |
| X3 | .121 | .101 | .769 | -.001 | .032 | -.031 | -.079 | .181 | -.012 | -.083 | .066 | -.054 | -.141 |
| X4 | .025 | .067 | -.001 | .547 | -.289 | .096 | -.090 | -.083 | -.014 | -.094 | .030 | .110 | -.254 |
| X5 | -.037 | -.150 | .032 | -.289 | .642 | -.059 | .085 | .020 | .049 | -.024 | -.176 | .069 | .142 |
| X6 | .039 | -.013 | -.031 | .096 | -.059 | .850 | .059 | .122 | -.181 | .085 | -.138 | .105 | .042 |
| X7 | -.113 | -.014 | -.079 | -.090 | .085 | .059 | .858 | .078 | .069 | .110 | -.141 | .101 | .122 |
| X8 | .060 | .028 | .181 | -.083 | .020 | .122 | .078 | .691 | -.118 | -.044 | -.169 | -.037 | .211 |
| X9 | -.255 | -.034 | -.012 | -.014 | .049 | -.181 | .069 | -.118 | .705 | -.185 | -.031 | -.025 | -.041 |
| X10 | .038 | .038 | -.083 | -.094 | -.024 | .085 | .110 | -.044 | -.185 | .729 | .032 | -.229 | -.011 |
| X11 | -.104 | .087 | .066 | .030 | -.176 | -.138 | -.141 | -.169 | -.031 | .032 | .715 | -.152 | -.163 |
| X12 | .031 | -.040 | -.054 | .110 | .069 | .105 | .101 | -.037 | -.025 | -.229 | -.152 | .764 | .019 |
| D | -.095 | -.052 | -.141 | -.254 | .142 | .042 | .122 | .211 | -.041 | -.011 | -.163 | .019 | .587 |
| Anti-image Correlation | X1 | .569a | -.083 | .159 | .039 | -.053 | .049 | -.140 | .083 | -.349 | .052 | -.142 | .041 | -.143 |
| X2 | -.083 | .428a | .120 | .094 | -.195 | -.015 | -.016 | .035 | -.042 | .046 | .107 | -.047 | -.070 |
| X3 | .159 | .120 | .608a | -.002 | .046 | -.039 | -.097 | .248 | -.017 | -.110 | .089 | -.070 | -.210 |
| X4 | .039 | .094 | -.002 | .478a | -.488 | .140 | -.131 | -.136 | -.023 | -.149 | .048 | .169 | -.449 |
| X5 | -.053 | -.195 | .046 | -.488 | .469a | -.080 | .114 | .030 | .073 | -.035 | -.260 | .098 | .231 |
| X6 | .049 | -.015 | -.039 | .140 | -.080 | .394a | .069 | .159 | -.234 | .108 | -.178 | .130 | .060 |
| X7 | -.140 | -.016 | -.097 | -.131 | .114 | .069 | .430a | .102 | .089 | .139 | -.180 | .125 | .171 |
| X8 | .083 | .035 | .248 | -.136 | .030 | .159 | .102 | .518a | -.168 | -.062 | -.240 | -.051 | .332 |
| X9 | -.349 | -.042 | -.017 | -.023 | .073 | -.234 | .089 | -.168 | .559a | -.258 | -.043 | -.034 | -.064 |
| X10 | .052 | .046 | -.110 | -.149 | -.035 | .108 | .139 | -.062 | -.258 | .588a | .045 | -.307 | -.017 |
| X11 | -.142 | .107 | .089 | .048 | -.260 | -.178 | -.180 | -.240 | -.043 | .045 | .501a | -.206 | -.251 |
| X12 | .041 | -.047 | -.070 | .169 | .098 | .130 | .125 | -.051 | -.034 | -.307 | -.206 | .548a | .028 |
| D | -.143 | -.070 | -.210 | -.449 | .231 | .060 | .171 | .332 | -.064 | -.017 | -.251 | .028 | .454a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |  |  |  |  |  |

| **Total Variance Explained** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 2.106 | 16.203 | 16.203 | 2.106 | 16.203 | 16.203 |
| 2 | 1.780 | 13.696 | 29.898 | 1.780 | 13.696 | 29.898 |
| 3 | 1.658 | 12.753 | 42.651 | 1.658 | 12.753 | 42.651 |
| 4 | 1.356 | 10.431 | 53.082 | 1.356 | 10.431 | 53.082 |
| 5 | 1.079 | 8.303 | 61.386 | 1.079 | 8.303 | 61.386 |
| 6 | 1.014 | 7.797 | 69.183 | 1.014 | 7.797 | 69.183 |
| 7 | .883 | 6.791 | 75.973 |  |  |  |
| 8 | .771 | 5.934 | 81.907 |  |  |  |
| 9 | .613 | 4.715 | 86.623 |  |  |  |
| 10 | .552 | 4.247 | 90.870 |  |  |  |
| 11 | .467 | 3.594 | 94.463 |  |  |  |
| 12 | .431 | 3.313 | 97.777 |  |  |  |
| 13 | .289 | 2.223 | 100.000 |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .703 |
| X2 | 1.000 | .765 |
| X3 | 1.000 | .620 |
| X4 | 1.000 | .793 |
| X5 | 1.000 | .725 |
| X6 | 1.000 | .859 |
| X7 | 1.000 | .677 |
| X8 | 1.000 | .694 |
| X9 | 1.000 | .632 |
| X10 | 1.000 | .642 |
| X11 | 1.000 | .620 |
| X12 | 1.000 | .570 |
| D | 1.000 | .693 |
| Extraction Method: Principal Component Analysis. | | |

| **Component Matrixa** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | Component | | | | | |
|  | 1 | 2 | 3 | 4 | 5 | 6 |
| X1 | .542 | .064 | -.178 | .448 | .132 | .394 |
| X2 | .167 | -.005 | -.264 | .146 | -.654 | .468 |
| X3 | -.144 | .462 | .595 | .097 | .076 | -.131 |
| X4 | .601 | .421 | .048 | -.498 | -.030 | -.062 |
| X5 | .565 | .139 | -.333 | -.400 | -.249 | -.233 |
| X6 | .091 | .052 | -.204 | .606 | -.177 | -.639 |
| X7 | -.053 | .362 | -.362 | .058 | .568 | .292 |
| X8 | .237 | -.671 | -.234 | -.311 | .179 | -.062 |
| X9 | .564 | -.272 | .184 | .453 | -.027 | .008 |
| X10 | .366 | -.314 | .615 | -.162 | -.066 | .022 |
| X11 | .609 | -.096 | -.176 | .101 | .403 | -.192 |
| X12 | .081 | -.529 | .497 | .053 | .113 | .147 |
| D | .432 | .566 | .415 | .073 | -.011 | .089 |
| Extraction Method: Principal Component Analysis. | | | | | |  |
| a. 6 components extracted. | | | |  |  |  |

**Lampiran 4**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .515 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 181.550 |
| df | 66 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X2 | X3 | X4 | X5 | X7 | X8 | X9 | X10 | X11 | X12 | D |
| Anti-image Covariance | X1 | .756 | -.069 | .123 | .021 | -.034 | -.116 | .056 | -.261 | .035 | -.102 | .027 | -.098 |
| X2 | -.069 | .923 | .100 | .070 | -.152 | -.013 | .031 | -.039 | .040 | .087 | -.039 | -.051 |
| X3 | .123 | .100 | .771 | .002 | .030 | -.077 | .191 | -.020 | -.081 | .063 | -.051 | -.140 |
| X4 | .021 | .070 | .002 | .558 | -.290 | -.099 | -.102 | .007 | -.107 | .048 | .101 | -.265 |
| X5 | -.034 | -.152 | .030 | -.290 | .646 | .090 | .030 | .039 | -.018 | -.193 | .078 | .146 |
| X7 | -.116 | -.013 | -.077 | -.099 | .090 | .862 | .072 | .087 | .106 | -.136 | .096 | .120 |
| X8 | .056 | .031 | .191 | -.102 | .030 | .072 | .709 | -.099 | -.059 | -.158 | -.054 | .211 |
| X9 | -.261 | -.039 | -.020 | .007 | .039 | .087 | -.099 | .746 | -.178 | -.066 | -.003 | -.034 |
| X10 | .035 | .040 | -.081 | -.107 | -.018 | .106 | -.059 | -.178 | .738 | .048 | -.246 | -.016 |
| X11 | -.102 | .087 | .063 | .048 | -.193 | -.136 | -.158 | -.066 | .048 | .738 | -.142 | -.162 |
| X12 | .027 | -.039 | -.051 | .101 | .078 | .096 | -.054 | -.003 | -.246 | -.142 | .777 | .014 |
| D | -.098 | -.051 | -.140 | -.265 | .146 | .120 | .211 | -.034 | -.016 | -.162 | .014 | .589 |
| Anti-image Correlation | X1 | .572a | -.082 | .161 | .032 | -.049 | -.144 | .077 | -.347 | .047 | -.136 | .035 | -.146 |
| X2 | -.082 | .418a | .119 | .098 | -.196 | -.015 | .038 | -.047 | .048 | .106 | -.046 | -.069 |
| X3 | .161 | .119 | .607a | .004 | .043 | -.095 | .258 | -.027 | -.107 | .083 | -.066 | -.208 |
| X4 | .032 | .098 | .004 | .469a | -.483 | -.142 | -.161 | .010 | -.166 | .075 | .154 | -.463 |
| X5 | -.049 | -.196 | .043 | -.483 | .465a | .121 | .044 | .056 | -.026 | -.280 | .110 | .237 |
| X7 | -.144 | -.015 | -.095 | -.142 | .121 | .437a | .092 | .108 | .133 | -.171 | .117 | .168 |
| X8 | .077 | .038 | .258 | -.161 | .044 | .092 | .535a | -.137 | -.081 | -.218 | -.073 | .327 |
| X9 | -.347 | -.047 | -.027 | .010 | .056 | .108 | -.137 | .600a | -.241 | -.089 | -.004 | -.051 |
| X10 | .047 | .048 | -.107 | -.166 | -.026 | .133 | -.081 | -.241 | .579a | .065 | -.325 | -.024 |
| X11 | -.136 | .106 | .083 | .075 | -.280 | -.171 | -.218 | -.089 | .065 | .514a | -.187 | -.245 |
| X12 | .035 | -.046 | -.066 | .154 | .110 | .117 | -.073 | -.004 | -.325 | -.187 | .557a | .021 |
| D | -.146 | -.069 | -.208 | -.463 | .237 | .168 | .327 | -.051 | -.024 | -.245 | .021 | .452a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |  |  |  |  |
| | **Communalities** | | | | --- | --- | --- | |  | Initial | Extraction | | X1 | 1.000 | .712 | | X2 | 1.000 | .712 | | X3 | 1.000 | .616 | | X4 | 1.000 | .776 | | X5 | 1.000 | .713 | | X7 | 1.000 | .573 | | X8 | 1.000 | .681 | | X9 | 1.000 | .603 | | X10 | 1.000 | .633 | | X11 | 1.000 | .594 | | X12 | 1.000 | .536 | | D | 1.000 | .691 | | Extraction Method: Principal Component Analysis. | | | | | | | | **Total Variance Explained** | | | | | | | | --- | --- | --- | --- | --- | --- | --- | | Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | | | Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % | | 1 | 2.102 | 17.520 | 17.520 | 2.102 | 17.520 | 17.520 | | 2 | 1.779 | 14.829 | 32.349 | 1.779 | 14.829 | 32.349 | | 3 | 1.644 | 13.703 | 46.052 | 1.644 | 13.703 | 46.052 | | 4 | 1.238 | 10.320 | 56.372 | 1.238 | 10.320 | 56.372 | | 5 | 1.075 | 8.956 | 65.328 | 1.075 | 8.956 | 65.328 | | 6 | .888 | 7.404 | 72.731 |  |  |  | | 7 | .786 | 6.546 | 79.278 |  |  |  | | 8 | .628 | 5.231 | 84.508 |  |  |  | | 9 | .610 | 5.087 | 89.596 |  |  |  | | 10 | .498 | 4.151 | 93.747 |  |  |  | | 11 | .461 | 3.845 | 97.591 |  |  |  | | 12 | .289 | 2.409 | 100.000 |  |  |  | | Extraction Method: Principal Component Analysis. | | | |  |  |  | |  |  |  |  |  |  |  |  |  |

| **Component Matrixa** | | | | | |
| --- | --- | --- | --- | --- | --- |
|  | Component | | | | |
|  | 1 | 2 | 3 | 4 | 5 |
| X1 | .534 | .057 | -.155 | .632 | -.012 |
| X2 | .161 | -.013 | -.255 | .219 | -.757 |
| X3 | -.142 | .475 | .598 | -.015 | .111 |
| X4 | .612 | .436 | -.032 | -.458 | .016 |
| X5 | .563 | .137 | -.375 | -.461 | -.157 |
| X7 | -.057 | .354 | -.379 | .278 | .472 |
| X8 | .247 | -.669 | -.258 | -.253 | .205 |
| X9 | .555 | -.274 | .238 | .400 | -.058 |
| X10 | .383 | -.290 | .594 | -.215 | -.048 |
| X11 | .601 | -.101 | -.163 | .097 | .431 |
| X12 | .094 | -.513 | .505 | .054 | .081 |
| D | .436 | .580 | .394 | .093 | -.039 |
| Extraction Method: Principal Component Analysis. | | | | | |
| a. 5 components extracted. | | | |  |  |

**Lampiran 5**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .521 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 174.617 |
| df | 55 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X3 | X4 | X5 | X7 | X8 | X9 | X10 | X11 | X12 | D |
| Anti-image Covariance | X1 | .761 | .133 | .027 | -.048 | -.118 | .059 | -.266 | .038 | -.097 | .024 | -.103 |
| X3 | .133 | .782 | -.005 | .050 | -.077 | .190 | -.016 | -.086 | .055 | -.047 | -.137 |
| X4 | .027 | -.005 | .563 | -.292 | -.099 | -.105 | .010 | -.111 | .042 | .106 | -.265 |
| X5 | -.048 | .050 | -.292 | .672 | .091 | .036 | .034 | -.012 | -.188 | .075 | .144 |
| X7 | -.118 | -.077 | -.099 | .091 | .862 | .072 | .086 | .107 | -.136 | .096 | .119 |
| X8 | .059 | .190 | -.105 | .036 | .072 | .710 | -.099 | -.060 | -.163 | -.053 | .214 |
| X9 | -.266 | -.016 | .010 | .034 | .086 | -.099 | .748 | -.178 | -.063 | -.004 | -.036 |
| X10 | .038 | -.086 | -.111 | -.012 | .107 | -.060 | -.178 | .739 | .045 | -.246 | -.013 |
| X11 | -.097 | .055 | .042 | -.188 | -.136 | -.163 | -.063 | .045 | .747 | -.140 | -.159 |
| X12 | .024 | -.047 | .106 | .075 | .096 | -.053 | -.004 | -.246 | -.140 | .779 | .012 |
| D | -.103 | -.137 | -.265 | .144 | .119 | .214 | -.036 | -.013 | -.159 | .012 | .592 |
| Anti-image Correlation | X1 | .553a | .173 | .041 | -.067 | -.146 | .080 | -.353 | .051 | -.128 | .032 | -.153 |
| X3 | .173 | .610a | -.008 | .068 | -.093 | .255 | -.021 | -.114 | .072 | -.061 | -.201 |
| X4 | .041 | -.008 | .476a | -.475 | -.142 | -.166 | .015 | -.172 | .065 | .159 | -.459 |
| X5 | -.067 | .068 | -.475 | .480a | .120 | .052 | .048 | -.017 | -.266 | .103 | .229 |
| X7 | -.146 | -.093 | -.142 | .120 | .437a | .093 | .108 | .134 | -.170 | .117 | .167 |
| X8 | .080 | .255 | -.166 | .052 | .093 | .531a | -.135 | -.083 | -.224 | -.071 | .331 |
| X9 | -.353 | -.021 | .015 | .048 | .108 | -.135 | .599a | -.239 | -.084 | -.006 | -.055 |
| X10 | .051 | -.114 | -.172 | -.017 | .134 | -.083 | -.239 | .578a | .061 | -.324 | -.020 |
| X11 | -.128 | .072 | .065 | -.266 | -.170 | -.224 | -.084 | .061 | .537a | -.184 | -.240 |
| X12 | .032 | -.061 | .159 | .103 | .117 | -.071 | -.006 | -.324 | -.184 | .564a | .018 |
| D | -.153 | -.201 | -.459 | .229 | .167 | .331 | -.055 | -.020 | -.240 | .018 | .458a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .702 |
| X3 | 1.000 | .592 |
| X4 | 1.000 | .772 |
| X5 | 1.000 | .692 |
| X7 | 1.000 | .408 |
| X8 | 1.000 | .641 |
| X9 | 1.000 | .595 |
| X10 | 1.000 | .635 |
| X11 | 1.000 | .454 |
| X12 | 1.000 | .536 |
| D | 1.000 | .690 |
| Extraction Method: Principal Component Analysis. | | |

| **Total Variance Explained** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 2.089 | 18.995 | 18.995 | 2.089 | 18.995 | 18.995 |
| 2 | 1.779 | 16.177 | 35.171 | 1.779 | 16.177 | 35.171 |
| 3 | 1.618 | 14.712 | 49.883 | 1.618 | 14.712 | 49.883 |
| 4 | 1.229 | 11.175 | 61.058 | 1.229 | 11.175 | 61.058 |
| 5 | .946 | 8.597 | 69.655 |  |  |  |
| 6 | .791 | 7.190 | 76.845 |  |  |  |
| 7 | .662 | 6.014 | 82.859 |  |  |  |
| 8 | .624 | 5.670 | 88.529 |  |  |  |
| 9 | .498 | 4.530 | 93.059 |  |  |  |
| 10 | .467 | 4.241 | 97.300 |  |  |  |
| 11 | .297 | 2.700 | 100.000 |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |

| **Component Matrixa** | | | | |
| --- | --- | --- | --- | --- |
|  | Component | | | |
|  | 1 | 2 | 3 | 4 |
| X1 | .520 | .058 | -.149 | .637 |
| X3 | -.114 | .469 | .599 | -.022 |
| X4 | .621 | .434 | -.078 | -.438 |
| X5 | .545 | .139 | -.393 | -.469 |
| X7 | -.064 | .357 | -.391 | .352 |
| X8 | .246 | -.668 | -.306 | -.200 |
| X9 | .559 | -.277 | .230 | .392 |
| X10 | .407 | -.297 | .570 | -.236 |
| X11 | .605 | -.103 | -.217 | .174 |
| X12 | .108 | -.517 | .505 | .036 |
| D | .450 | .576 | .388 | .077 |
| Extraction Method: Principal Component Analysis. | | | | |
| a. 4 components extracted. | | | |  |

**Lampiran 6**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .537 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 161.158 |
| df | 45 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X3 | X4 | X5 | X8 | X9 | X10 | X11 | X12 | D |
| Anti-image Covariance | X1 | .778 | .127 | .014 | -.037 | .071 | -.263 | .055 | -.121 | .039 | -.091 |
| X3 | .127 | .789 | -.015 | .059 | .200 | -.009 | -.079 | .044 | -.040 | -.131 |
| X4 | .014 | -.015 | .575 | -.292 | -.100 | .020 | -.103 | .028 | .121 | -.264 |
| X5 | -.037 | .059 | -.292 | .682 | .029 | .026 | -.024 | -.182 | .066 | .137 |
| X8 | .071 | .200 | -.100 | .029 | .716 | -.108 | -.071 | -.157 | -.062 | .212 |
| X9 | -.263 | -.009 | .020 | .026 | -.108 | .757 | -.194 | -.051 | -.014 | -.050 |
| X10 | .055 | -.079 | -.103 | -.024 | -.071 | -.194 | .753 | .065 | -.266 | -.030 |
| X11 | -.121 | .044 | .028 | -.182 | -.157 | -.051 | .065 | .769 | -.130 | -.149 |
| X12 | .039 | -.040 | .121 | .066 | -.062 | -.014 | -.266 | -.130 | .790 | -.001 |
| D | -.091 | -.131 | -.264 | .137 | .212 | -.050 | -.030 | -.149 | -.001 | .609 |
| Anti-image Correlation | X1 | .571a | .162 | .020 | -.050 | .095 | -.343 | .072 | -.157 | .050 | -.132 |
| X3 | .162 | .630a | -.022 | .081 | .266 | -.011 | -.102 | .057 | -.050 | -.189 |
| X4 | .020 | -.022 | .496a | -.466 | -.155 | .031 | -.156 | .042 | .179 | -.446 |
| X5 | -.050 | .081 | -.466 | .508a | .042 | .036 | -.034 | -.251 | .090 | .213 |
| X8 | .095 | .266 | -.155 | .042 | .530a | -.147 | -.097 | -.212 | -.083 | .321 |
| X9 | -.343 | -.011 | .031 | .036 | -.147 | .595a | -.257 | -.067 | -.019 | -.074 |
| X10 | .072 | -.102 | -.156 | -.034 | -.097 | -.257 | .531a | .085 | -.345 | -.044 |
| X11 | -.157 | .057 | .042 | -.251 | -.212 | -.067 | .085 | .582a | -.167 | -.217 |
| X12 | .050 | -.050 | .179 | .090 | -.083 | -.019 | -.345 | -.167 | .528a | -.002 |
| D | -.132 | -.189 | -.446 | .213 | .321 | -.074 | -.044 | -.217 | -.002 | .493a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |  |  |

| **Total Variance Explained** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 2.088 | 20.877 | 20.877 | 2.088 | 20.877 | 20.877 |
| 2 | 1.739 | 17.392 | 38.269 | 1.739 | 17.392 | 38.269 |
| 3 | 1.532 | 15.323 | 53.591 | 1.532 | 15.323 | 53.591 |
| 4 | 1.178 | 11.782 | 65.373 | 1.178 | 11.782 | 65.373 |
| 5 | .865 | 8.654 | 74.027 |  |  |  |
| 6 | .662 | 6.615 | 80.643 |  |  |  |
| 7 | .636 | 6.365 | 87.007 |  |  |  |
| 8 | .504 | 5.040 | 92.047 |  |  |  |
| 9 | .477 | 4.767 | 96.815 |  |  |  |
| 10 | .319 | 3.185 | 100.000 |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .744 |
| X3 | 1.000 | .620 |
| X4 | 1.000 | .772 |
| X5 | 1.000 | .690 |
| X8 | 1.000 | .660 |
| X9 | 1.000 | .608 |
| X10 | 1.000 | .693 |
| X11 | 1.000 | .429 |
| X12 | 1.000 | .620 |
| D | 1.000 | .700 |
| Extraction Method: Principal Component Analysis. | | |

| **Component Matrixa** | | | | |
| --- | --- | --- | --- | --- |
|  | Component | | | |
|  | 1 | 2 | 3 | 4 |
| X1 | .528 | -.034 | -.039 | -.680 |
| X3 | -.109 | .628 | .442 | .136 |
| X4 | .633 | .390 | -.262 | .390 |
| X5 | .553 | .022 | -.494 | .374 |
| X8 | .232 | -.731 | -.092 | .254 |
| X9 | .547 | -.212 | .367 | -.359 |
| X10 | .387 | -.099 | .614 | .395 |
| X11 | .610 | -.204 | -.083 | -.095 |
| X12 | .085 | -.341 | .680 | .185 |
| D | .457 | .667 | .181 | -.114 |
| Extraction Method: Principal Component Analysis. | | | | |
| a. 4 components extracted. | | | |  |

**Lampiran 7**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .548 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 114.569 |
| df | 36 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X3 | X4 | X5 | X8 | X9 | X10 | X11 | X12 |
| Anti-image Covariance | X1 | .792 | .113 | -.033 | -.017 | .116 | -.277 | .052 | -.153 | .039 |
| X3 | .113 | .818 | -.093 | .096 | .284 | -.020 | -.089 | .013 | -.041 |
| X4 | -.033 | -.093 | .718 | -.304 | -.011 | -.002 | -.145 | -.048 | .150 |
| X5 | -.017 | .096 | -.304 | .714 | -.022 | .039 | -.018 | -.163 | .070 |
| X8 | .116 | .284 | -.011 | -.022 | .798 | -.101 | -.068 | -.123 | -.069 |
| X9 | -.277 | -.020 | -.002 | .039 | -.101 | .761 | -.198 | -.067 | -.015 |
| X10 | .052 | -.089 | -.145 | -.018 | -.068 | -.198 | .754 | .061 | -.267 |
| X11 | -.153 | .013 | -.048 | -.163 | -.123 | -.067 | .061 | .807 | -.137 |
| X12 | .039 | -.041 | .150 | .070 | -.069 | -.015 | -.267 | -.137 | .790 |
| Anti-image Correlation | X1 | .524a | .141 | -.043 | -.023 | .146 | -.357 | .067 | -.192 | .050 |
| X3 | .141 | .497a | -.121 | .126 | .352 | -.026 | -.113 | .016 | -.052 |
| X4 | -.043 | -.121 | .532a | -.424 | -.014 | -.003 | -.197 | -.062 | .199 |
| X5 | -.023 | .126 | -.424 | .584a | -.029 | .053 | -.025 | -.214 | .093 |
| X8 | .146 | .352 | -.014 | -.029 | .540a | -.130 | -.087 | -.154 | -.087 |
| X9 | -.357 | -.026 | -.003 | .053 | -.130 | .576a | -.261 | -.086 | -.019 |
| X10 | .067 | -.113 | -.197 | -.025 | -.087 | -.261 | .506a | .078 | -.345 |
| X11 | -.192 | .016 | -.062 | -.214 | -.154 | -.086 | .078 | .648a | -.172 |
| X12 | .050 | -.052 | .199 | .093 | -.087 | -.019 | -.345 | -.172 | .513a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |  |

| **Total Variance Explained** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 2.016 | 22.395 | 22.395 | 2.016 | 22.395 | 22.395 |
| 2 | 1.555 | 17.274 | 39.670 | 1.555 | 17.274 | 39.670 |
| 3 | 1.323 | 14.698 | 54.368 | 1.323 | 14.698 | 54.368 |
| 4 | 1.151 | 12.794 | 67.162 | 1.151 | 12.794 | 67.162 |
| 5 | .850 | 9.445 | 76.607 |  |  |  |
| 6 | .650 | 7.219 | 83.825 |  |  |  |
| 7 | .511 | 5.678 | 89.503 |  |  |  |
| 8 | .492 | 5.466 | 94.969 |  |  |  |
| 9 | .453 | 5.031 | 100.000 |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .780 |
| X3 | 1.000 | .694 |
| X4 | 1.000 | .748 |
| X5 | 1.000 | .710 |
| X8 | 1.000 | .696 |
| X9 | 1.000 | .652 |
| X10 | 1.000 | .710 |
| X11 | 1.000 | .421 |
| X12 | 1.000 | .635 |
| Extraction Method: Principal Component Analysis. | | |

| **Component Matrixa** | | | | |
| --- | --- | --- | --- | --- |
|  | Component | | | |
|  | 1 | 2 | 3 | 4 |
| X1 | .503 | -.061 | -.073 | -.719 |
| X3 | -.330 | .134 | .743 | -.124 |
| X4 | .476 | -.472 | .501 | .217 |
| X5 | .555 | -.538 | .194 | .274 |
| X8 | .473 | .196 | -.484 | .447 |
| X9 | .568 | .365 | .087 | -.434 |
| X10 | .377 | .537 | .468 | .245 |
| X11 | .637 | -.039 | -.111 | -.041 |
| X12 | .161 | .748 | .060 | .214 |
| Extraction Method: Principal Component Analysis. | | | | |
| a. 4 components extracted. | | | |  |

**Lampiran 8**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .556 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 95.775 |
| df | 28 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X4 | X5 | X8 | X9 | X10 | X11 | X12 |
| Anti-image Covariance | X1 | .807 | -.021 | -.032 | .090 | -.280 | .066 | -.158 | .046 |
| X4 | -.021 | .729 | -.302 | .025 | -.004 | -.159 | -.047 | .148 |
| X5 | -.032 | -.302 | .726 | -.064 | .042 | -.008 | -.167 | .076 |
| X8 | .090 | .025 | -.064 | .911 | -.108 | -.043 | -.146 | -.062 |
| X9 | -.280 | -.004 | .042 | -.108 | .761 | -.203 | -.067 | -.016 |
| X10 | .066 | -.159 | -.008 | -.043 | -.203 | .764 | .063 | -.275 |
| X11 | -.158 | -.047 | -.167 | -.146 | -.067 | .063 | .807 | -.137 |
| X12 | .046 | .148 | .076 | -.062 | -.016 | -.275 | -.137 | .792 |
| Anti-image Correlation | X1 | .534a | -.027 | -.041 | .105 | -.357 | .084 | -.196 | .058 |
| X4 | -.027 | .546a | -.415 | .031 | -.006 | -.213 | -.061 | .194 |
| X5 | -.041 | -.415 | .585a | -.079 | .057 | -.011 | -.218 | .100 |
| X8 | .105 | .031 | -.079 | .626a | -.129 | -.051 | -.170 | -.074 |
| X9 | -.357 | -.006 | .057 | -.129 | .573a | -.266 | -.085 | -.020 |
| X10 | .084 | -.213 | -.011 | -.051 | -.266 | .494a | .080 | -.354 |
| X11 | -.196 | -.061 | -.218 | -.170 | -.085 | .080 | .622a | -.171 |
| X12 | .058 | .194 | .100 | -.074 | -.020 | -.354 | -.171 | .509a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .777 |
| X4 | 1.000 | .767 |
| X5 | 1.000 | .708 |
| X8 | 1.000 | .660 |
| X9 | 1.000 | .675 |
| X10 | 1.000 | .818 |
| X11 | 1.000 | .639 |
| X12 | 1.000 | .632 |
| Extraction Method: Principal Component Analysis. | | |

| **Total Variance Explained** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Component | Initial Eigenvalues | | | Extraction Sums of Squared Loadings | | |
| Total | % of Variance | Cumulative % | Total | % of Variance | Cumulative % |
| 1 | 1.965 | 24.562 | 24.562 | 1.965 | 24.562 | 24.562 |
| 2 | 1.550 | 19.371 | 43.933 | 1.550 | 19.371 | 43.933 |
| 3 | 1.159 | 14.493 | 58.426 | 1.159 | 14.493 | 58.426 |
| 4 | 1.002 | 12.529 | 70.956 | 1.002 | 12.529 | 70.956 |
| 5 | .806 | 10.077 | 81.033 |  |  |  |
| 6 | .546 | 6.827 | 87.860 |  |  |  |
| 7 | .506 | 6.319 | 94.179 |  |  |  |
| 8 | .466 | 5.821 | 100.000 |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |

| **Component Matrixa** | | | | |
| --- | --- | --- | --- | --- |
|  | Component | | | |
|  | 1 | 2 | 3 | 4 |
| X1 | .494 | -.073 | -.719 | -.106 |
| X4 | .518 | -.536 | .337 | -.314 |
| X5 | .546 | -.569 | .292 | .039 |
| X8 | .400 | .239 | .266 | .610 |
| X9 | .597 | .333 | -.391 | -.235 |
| X10 | .453 | .476 | .391 | -.483 |
| X11 | .627 | -.051 | -.120 | .478 |
| X12 | .199 | .733 | .230 | .045 |
| Extraction Method: Principal Component Analysis. | | | | |
| a. 4 components extracted. | | | |  |

**Lampiran 9**

| **KMO and Bartlett's Test** | | |
| --- | --- | --- |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .576 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 70.307 |
| df | 21 |
| Sig. | .000 |

| **Anti-image Matrices** | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | X1 | X4 | X5 | X8 | X9 | X11 | X12 |
| Anti-image Covariance | X1 | .813 | -.007 | -.031 | .094 | -.284 | -.166 | .081 |
| X4 | -.007 | .763 | -.318 | .017 | -.052 | -.035 | .108 |
| X5 | -.031 | -.318 | .726 | -.065 | .043 | -.167 | .084 |
| X8 | .094 | .017 | -.065 | .913 | -.128 | -.144 | -.089 |
| X9 | -.284 | -.052 | .043 | -.128 | .819 | -.054 | -.109 |
| X11 | -.166 | -.035 | -.167 | -.144 | -.054 | .813 | -.132 |
| X12 | .081 | .108 | .084 | -.089 | -.109 | -.132 | .905 |
| Anti-image Correlation | X1 | .540a | -.009 | -.040 | .109 | -.348 | -.204 | .094 |
| X4 | -.009 | .582a | -.428 | .020 | -.066 | -.045 | .130 |
| X5 | -.040 | -.428 | .572a | -.079 | .056 | -.218 | .103 |
| X8 | .109 | .020 | -.079 | .569a | -.148 | -.167 | -.098 |
| X9 | -.348 | -.066 | .056 | -.148 | .560a | -.067 | -.127 |
| X11 | -.204 | -.045 | -.218 | -.167 | -.067 | .642a | -.153 |
| X12 | .094 | .130 | .103 | -.098 | -.127 | -.153 | .540a |
| a. Measures of Sampling Adequacy(MSA) | | | |  |  |  |  |  |

| **Communalities** | | |
| --- | --- | --- |
|  | Initial | Extraction |
| X1 | 1.000 | .753 |
| X4 | 1.000 | .644 |
| X5 | 1.000 | .708 |
| X8 | 1.000 | .593 |
| X9 | 1.000 | .628 |
| X11 | 1.000 | .519 |
| X12 | 1.000 | .568 |
| 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 | 1.876 | 26.797 | 26.797 | 1.876 | 26.797 | 26.797 | 1.646 | 23.513 | 23.513 |
| 2 | 1.431 | 20.447 | 47.245 | 1.431 | 20.447 | 47.245 | 1.453 | 20.758 | 44.271 |
| 3 | 1.105 | 15.788 | 63.033 | 1.105 | 15.788 | 63.033 | 1.313 | 18.762 | 63.033 |
| 4 | .809 | 11.552 | 74.585 |  |  |  |  |  |  |
| 5 | .733 | 10.478 | 85.063 |  |  |  |  |  |  |
| 6 | .545 | 7.783 | 92.846 |  |  |  |  |  |  |
| 7 | .501 | 7.154 | 100.000 |  |  |  |  |  |  |
| Extraction Method: Principal Component Analysis. | | | |  |  |  |  |  |  |

| **Component Matrixa** | | | |
| --- | --- | --- | --- |
|  | Component | | |
|  | 1 | 2 | 3 |
| X1 | .545 | .221 | -.638 |
| X4 | .583 | -.543 | .091 |
| X5 | .651 | -.480 | .232 |
| X8 | .346 | .346 | .594 |
| X9 | .505 | .495 | -.357 |
| X11 | .663 | .217 | .182 |
| X12 | -.007 | .667 | .350 |
| Extraction Method: Principal Component Analysis. | | | |
| a. 3 components extracted. | | | |

**Lampiran 10**

| **Rotated Component Matrixa** | | | |
| --- | --- | --- | --- |
|  | Component | | |
|  | 1 | 2 | 3 |
| X1 | .107 | .849 | -.141 |
| X4 | .798 | .053 | -.068 |
| X5 | .836 | .030 | .094 |
| X8 | .152 | -.028 | .754 |
| X9 | -.041 | .762 | .214 |
| X11 | .374 | .378 | .486 |
| X12 | -.367 | .061 | .655 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. | | | |
| a. Rotation converged in 4 iterations. | | | |

| **Component Transformation Matrix** | | | |
| --- | --- | --- | --- |
| Component | 1 | 2 | 3 |
| 1 | .720 | .607 | .337 |
| 2 | -.659 | .443 | .608 |
| 3 | .220 | -.660 | .719 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. | | | |

| **Component Score Coefficient Matrix** | | | |
| --- | --- | --- | --- |
|  | Component | | |
|  | 1 | 2 | 3 |
| X1 | -.019 | .625 | -.223 |
| X4 | .492 | -.034 | -.067 |
| X5 | .517 | -.076 | .064 |
| X8 | .092 | -.135 | .596 |
| X9 | -.105 | .530 | .069 |
| X11 | .191 | .173 | .329 |
| X12 | -.240 | -.004 | .510 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. | | | |

| **Component Score Covariance Matrix** | | | |
| --- | --- | --- | --- |
| Component | 1 | 2 | 3 |
| 1 | 1.000 | .000 | .000 |
| 2 | .000 | 1.000 | .000 |
| 3 | .000 | .000 | 1.000 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. | | | |