

ภาคผนวก ง

ตารางการวิเคราะห์องค์ประกอบ (EFA)

Factor Analysis

Descriptive Statistics

| ข้อ | Mean | Std. Deviation | Analysis N |
|--------|--------|----------------|------------|
| ข้อ 1 | 4.3579 | .58865 | 380 |
| ข้อ 2 | 4.1158 | .70225 | 380 |
| ข้อ 3 | 4.0447 | .67021 | 380 |
| ข้อ 4 | 4.0368 | .65275 | 380 |
| ข้อ 5 | 4.0526 | .65971 | 380 |
| ข้อ 6 | 4.1105 | .64844 | 380 |
| ข้อ 7 | 4.1789 | .59866 | 380 |
| ข้อ 8 | 4.1842 | .69886 | 380 |
| ข้อ 9 | 4.0579 | .59622 | 380 |
| ข้อ 10 | 4.0026 | .71729 | 380 |
| ข้อ 11 | 4.0711 | .64787 | 380 |
| ข้อ 12 | 4.0947 | .69409 | 380 |
| ข้อ 13 | 4.1237 | .63989 | 380 |
| ข้อ 14 | 4.0895 | .65572 | 380 |
| ข้อ 15 | 4.0842 | .66043 | 380 |
| ข้อ 16 | 4.0395 | .65057 | 380 |
| ข้อ 17 | 4.0868 | .63357 | 380 |
| ข้อ 18 | 4.2237 | .57656 | 380 |
| ข้อ 19 | 4.2289 | .72839 | 380 |
| ข้อ 20 | 4.0868 | .59046 | 380 |

Descriptive Statistics

| ข้อ | Mean | Std. Deviation | Analysis N |
|--------|--------|----------------|------------|
| ข้อ 21 | 4.0026 | .63536 | 380 |
| ข้อ 22 | 4.1000 | .64198 | 380 |
| ข้อ 23 | 4.0816 | .63842 | 380 |
| ข้อ 24 | 4.0921 | .64111 | 380 |
| ข้อ 25 | 4.0895 | .59229 | 380 |
| ข้อ 26 | 4.1368 | .60535 | 380 |
| ข้อ 27 | 4.1211 | .74867 | 380 |
| ข้อ 28 | 4.0500 | .57211 | 380 |
| ข้อ 29 | 3.9842 | .67739 | 380 |
| ข้อ 30 | 4.0737 | .69285 | 380 |
| ข้อ 31 | 4.0974 | .61080 | 380 |
| ข้อ 32 | 4.0658 | .66847 | 380 |

KMO and Bartlett's Test

| | | |
|--|--------------------|--------|
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | | .936 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 4.1693 |
| | Df | 496 |
| | Sig. | .000 |

Communalities

| | Initial | Extraction |
|--------|---------|------------|
| ข้อ 1 | 1.000 | .562 |
| ข้อ 2 | 1.000 | .340 |
| ข้อ 3 | 1.000 | .503 |
| ข้อ 4 | 1.000 | .444 |
| ข้อ 5 | 1.000 | .484 |
| ข้อ 6 | 1.000 | .502 |
| ข้อ 7 | 1.000 | .538 |
| ข้อ 8 | 1.000 | .636 |
| ข้อ 9 | 1.000 | .610 |
| ข้อ 10 | 1.000 | .502 |
| ข้อ 11 | 1.000 | .500 |
| ข้อ 12 | 1.000 | .496 |
| ข้อ 13 | 1.000 | .342 |
| ข้อ 14 | 1.000 | .364 |
| ข้อ 15 | 1.000 | .434 |
| ข้อ 16 | 1.000 | .394 |
| ข้อ 17 | 1.000 | .405 |
| ข้อ 18 | 1.000 | .629 |
| ข้อ 19 | 1.000 | .611 |
| ข้อ 20 | 1.000 | .384 |
| ข้อ 21 | 1.000 | .630 |

Communalities

| | Initial | Extraction |
|--------|---------|------------|
| ข้อ 22 | 1.000 | .341 |
| ข้อ 23 | 1.000 | .447 |
| ข้อ 24 | 1.000 | .457 |
| ข้อ 25 | 1.000 | .370 |
| ข้อ 26 | 1.000 | .630 |
| ข้อ 27 | 1.000 | .617 |
| ข้อ 28 | 1.000 | .381 |
| ข้อ 29 | 1.000 | .596 |
| ข้อ 30 | 1.000 | .342 |
| ข้อ 31 | 1.000 | .370 |
| ข้อ 32 | 1.000 | .356 |

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 | 10.325 | 32.266 | 32.266 | 10.325 | 32.266 | 32.266 | 3.601 | 11.253 | 11.253 |
| 2 | 1.556 | 4.864 | 37.130 | 1.556 | 4.864 | 37.130 | 3.335 | 10.420 | 21.674 |
| 3 | 1.198 | 3.744 | 40.874 | 1.198 | 3.744 | 40.874 | 3.208 | 10.026 | 31.700 |
| 4 | 1.079 | 3.371 | 44.245 | 1.079 | 3.371 | 44.245 | 2.736 | 8.549 | 40.248 |

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 % |
| 5 | 1.063 | 3.322 | 47.567 | 1.063 | 3.322 | 47.567 | 2.342 | 7.319 | 47.567 |
| 6 | .994 | 3.107 | 50.674 | | | | | | |
| 7 | .964 | 3.013 | 53.687 | | | | | | |
| 8 | .932 | 2.914 | 56.601 | | | | | | |
| 9 | .892 | 2.789 | 59.389 | | | | | | |
| 10 | .849 | 2.653 | 62.043 | | | | | | |
| 11 | .833 | 2.603 | 64.646 | | | | | | |
| 12 | .790 | 2.469 | 67.115 | | | | | | |
| 13 | .772 | 2.413 | 69.528 | | | | | | |
| 14 | .739 | 2.308 | 71.836 | | | | | | |
| 15 | .698 | 2.182 | 74.018 | | | | | | |
| 16 | .683 | 2.133 | 76.151 | | | | | | |
| 17 | .647 | 2.022 | 78.173 | | | | | | |
| 18 | .634 | 1.982 | 80.154 | | | | | | |
| 19 | .609 | 1.903 | 82.058 | | | | | | |
| 20 | .580 | 1.813 | 83.871 | | | | | | |
| 21 | .567 | 1.771 | 85.641 | | | | | | |
| 22 | .560 | 1.749 | 87.390 | | | | | | |
| 23 | .518 | 1.619 | 89.009 | | | | | | |

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 % |
| 24 | .487 | 1.523 | 90.532 | | | | | | |
| 25 | .483 | 1.509 | 92.041 | | | | | | |
| 26 | .446 | 1.395 | 93.436 | | | | | | |
| 27 | .408 | 1.276 | 94.712 | | | | | | |
| 28 | .372 | 1.162 | 95.874 | | | | | | |
| 29 | .369 | 1.153 | 97.027 | | | | | | |
| 30 | .353 | 1.103 | 98.130 | | | | | | |
| 31 | .301 | .941 | 99.071 | | | | | | |
| 32 | .297 | .929 | 100.000 | | | | | | |

Extraction Method: Principal Component Analysis.

Component Matrix^a

| | Component | | | | |
|--------|-----------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| ข้อ 1 | .569 | -.379 | -.169 | .177 | -.187 |
| ข้อ 2 | .514 | .101 | -.057 | .131 | .213 |
| ข้อ 3 | .500 | .223 | -.331 | -.285 | .115 |
| ข้อ 4 | .605 | -.022 | -.255 | -.103 | -.036 |
| ข้อ 5 | .596 | .110 | -.318 | .055 | -.116 |
| ข้อ 6 | .660 | .047 | -.189 | .065 | .158 |
| ข้อ 7 | .520 | -.427 | -.251 | .126 | .080 |
| ข้อ 8 | .502 | .283 | .064 | .284 | .468 |
| ข้อ 9 | .604 | .128 | -.363 | -.145 | -.276 |
| ข้อ 10 | .616 | -.003 | -.131 | -.056 | -.320 |
| ข้อ 11 | .616 | -.038 | -.225 | -.052 | .258 |
| ข้อ 12 | .631 | -.083 | .120 | .100 | .258 |
| ข้อ 13 | .556 | .104 | .054 | -.130 | -.054 |
| ข้อ 14 | .564 | -.047 | -.077 | .136 | -.136 |
| ข้อ 15 | .651 | -.022 | -.019 | .096 | -.027 |
| ข้อ 16 | .619 | -.023 | -.086 | .036 | -.048 |
| ข้อ 17 | .595 | -.048 | .145 | -.153 | .066 |
| ข้อ 18 | .557 | -.547 | .129 | .047 | .005 |
| ข้อ 19 | .530 | .504 | .086 | .261 | -.015 |
| ข้อ 20 | .572 | .084 | .060 | -.143 | -.161 |

Component Matrix^a

| | Component | | | | |
|--------|-----------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| ข้อ 21 | .551 | .012 | .188 | -.520 | .143 |
| ข้อ 22 | .550 | -.127 | -.016 | .148 | .025 |
| ข้อ 23 | .581 | .068 | -.038 | .055 | .316 |
| ข้อ 24 | .546 | -.006 | .358 | -.008 | -.176 |
| ข้อ 25 | .505 | .093 | .284 | -.093 | -.133 |
| ข้อ 26 | .539 | -.498 | .267 | .125 | .063 |
| ข้อ 27 | .509 | .393 | .196 | .357 | -.194 |
| ข้อ 28 | .539 | .116 | .134 | -.119 | -.213 |
| ข้อ 29 | .585 | .044 | .180 | -.412 | .226 |
| ข้อ 30 | .559 | -.102 | .099 | -.026 | -.093 |
| ข้อ 31 | .515 | .021 | .304 | .068 | -.084 |
| ข้อ 32 | .569 | .125 | .029 | .040 | -.120 |

Extraction Method: Principal Component Analysis.

a. 5 components extracted.

Rotated Component Matrix^a

| | Component | | | | |
|--------|-----------|-------|-------|------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| ข้อ 1 | .397 | .611 | .164 | .058 | -.039 |
| ข้อ 2 | .225 | .175 | .171 | .463 | .123 |
| ข้อ 3 | .548 | -.060 | .002 | .280 | .347 |
| ข้อ 4 | .530 | .247 | .122 | .198 | .219 |
| ข้อ 5 | .592 | .164 | .210 | .249 | .040 |
| ข้อ 6 | .422 | .260 | .155 | .450 | .175 |
| ข้อ 7 | .342 | .610 | -.070 | .205 | .038 |
| ข้อ 8 | .041 | .064 | .211 | .759 | .099 |
| ข้อ 9 | .723 | .098 | .227 | .063 | .149 |
| ข้อ 10 | .536 | .257 | .360 | .008 | .141 |
| ข้อ 11 | .399 | .281 | .003 | .432 | .274 |
| ข้อ 12 | .115 | .392 | .227 | .457 | .261 |
| ข้อ 13 | .303 | .136 | .326 | .170 | .312 |
| ข้อ 14 | .364 | .323 | .304 | .181 | .033 |
| ข้อ 15 | .338 | .337 | .322 | .285 | .147 |
| ข้อ 16 | .389 | .302 | .265 | .237 | .158 |
| ข้อ 17 | .194 | .286 | .273 | .208 | .410 |
| ข้อ 18 | .098 | .742 | .138 | .063 | .215 |
| ข้อ 19 | .243 | -.117 | .558 | .477 | -.005 |
| ข้อ 20 | .343 | .158 | .380 | .085 | .300 |

Rotated Component Matrix^a

| | Component | | | | |
|--------|-----------|------|------|------|-------|
| | 1 | 2 | 3 | 4 | 5 |
| ข้อ 21 | .186 | .128 | .172 | .114 | .733 |
| ข้อ 22 | .241 | .393 | .224 | .267 | .084 |
| ข้อ 23 | .219 | .217 | .130 | .524 | .246 |
| ข้อ 24 | .074 | .281 | .545 | .063 | .269 |
| ข้อ 25 | .123 | .151 | .478 | .083 | .312 |
| ข้อ 26 | -.041 | .722 | .217 | .134 | .203 |
| ข้อ 27 | .178 | .001 | .682 | .329 | -.108 |
| ข้อ 28 | .288 | .127 | .451 | .047 | .277 |
| ข้อ 29 | .166 | .142 | .179 | .244 | .676 |
| ข้อ 30 | .235 | .342 | .321 | .112 | .233 |
| ข้อ 31 | .057 | .258 | .482 | .162 | .204 |
| ข้อ 32 | .324 | .164 | .400 | .204 | .150 |

Extraction Method: Principal Component Analysis.

Rotation Method: Varimax with Kaiser Normalization.

a. Rotation converged in 12 iterations.