**Data Integrity**

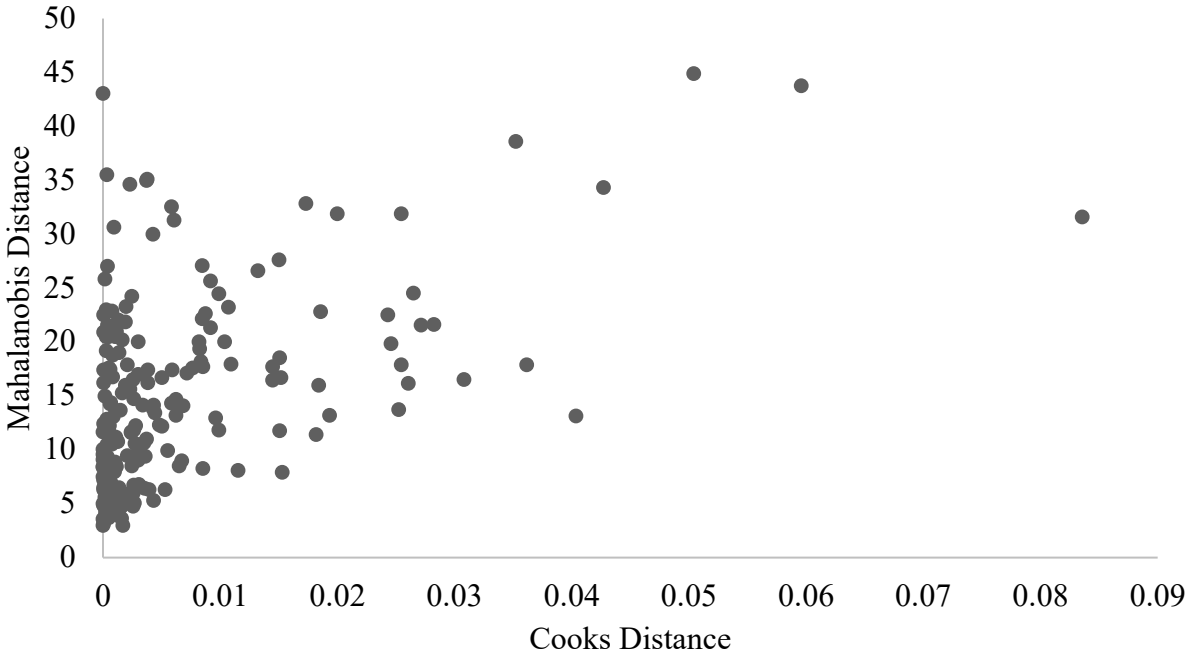


*Figure A.* Sample 1 scatterplot used to visually inspect for multivariate outliers, using the Cook's Distance (x-axis) and the Mahalanobis Distance (y-axis).

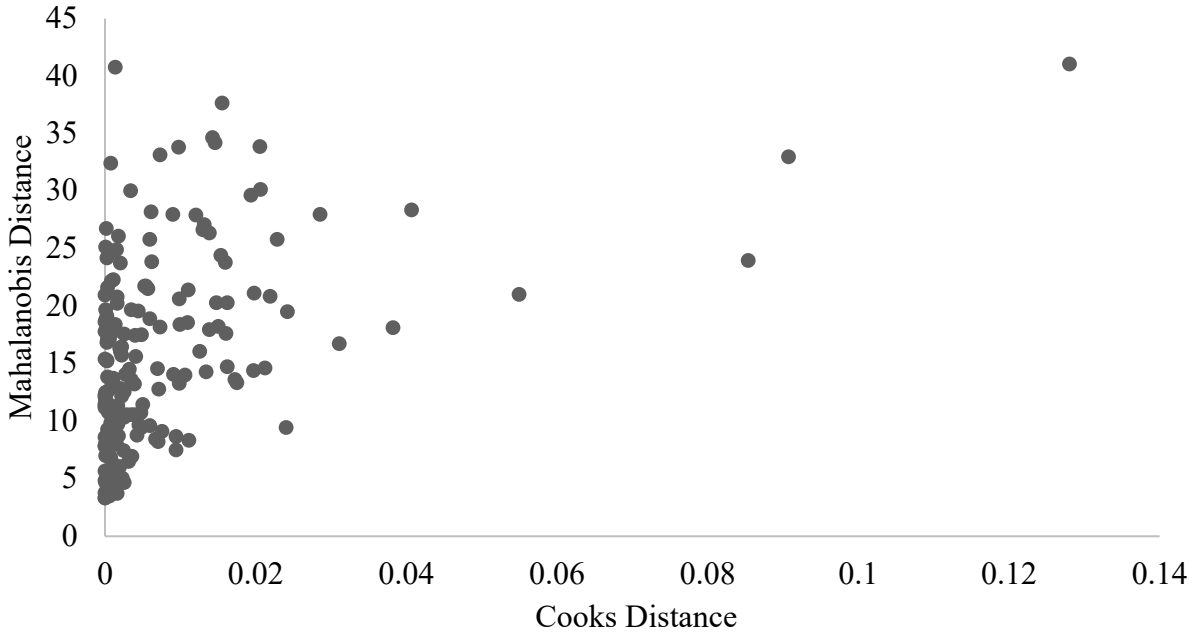


*Figure B.* Sample 2 scatterplot used to visually inspect for multivariate outliers, using the Cook's Distance (x-axis) and the Mahalanobis Distance (y-axis).

***Table A*. Pearson's Correlations Sample 1**

| Variable | *M* | *SD* | AC1 | AC2 | AC3 | AC4 | AC5 | AC6 | AC7 | AC8 | AC9 | AC10 | AC11 | AC12 | AC13 | AC14 | AC15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. AC1 | 5.34 | 2.78 | — | | | | | | | | | | | | | | |
| 2. AC2 | 4.85 | 1.84 | 0.545*** | — | | | | | | | | | | | | | |
| 3. AC3 | 1.39 | 0.71 | 0.47*** | 0.382*** | — | | | | | | | | | | | | |
| 4. AC4 | 2.04 | 1.19 | 0.414*** | 0.469*** | 0.496*** | — | | | | | | | | | | | |
| 5. AC5 | 1.89 | 0.99 | 0.238*** | 0.208** | 0.162* | 0.205** | — | | | | | | | | | | |
| 6. AC6 | 2.88 | 0.87 | 0.506*** | 0.53*** | 0.302*** | 0.35*** | 0.214** | — | | | | | | | | | |
| 7. AC7 | 2.41 | 0.97 | 0.498*** | 0.542*** | 0.309*** | 0.316*** | 0.226*** | 0.508*** | — | | | | | | | | |
| 8. AC8 | 1.90 | 0.96 | 0.593*** | 0.556*** | 0.448*** | 0.426*** | 0.09 | 0.457*** | 0.565*** | — | | | | | | | |
| 9. AC9 | 2.21 | 0.96 | 0.471*** | 0.404*** | 0.41*** | 0.465*** | 0.178* | 0.433*** | 0.481*** | 0.492*** | — | | | | | | |
| 10. AC10 | 2.95 | 0.88 | 0.221** | 0.277*** | 0.226*** | 0.122 | 0.034 | 0.17* | 0.254*** | 0.209** | 0.269*** | — | | | | | |
| 11. AC11 | 3.81 | 1.75 | 0.373*** | 0.283*** | 0.344*** | 0.376*** | 0.184** | 0.281*** | 0.238*** | 0.344*** | 0.342*** | 0.145* | — | | | | |
| 12. AC12 | 4.11 | 2.11 | 0.524*** | 0.502*** | 0.282*** | 0.327*** | 0.001 | 0.452*** | 0.508*** | 0.583*** | 0.507*** | 0.166* | 0.328*** | — | | | |
| 13. AC13 | 4.30 | 2.53 | 0.459*** | 0.53*** | 0.285*** | 0.411*** | 0.157* | 0.446*** | 0.415*** | 0.495*** | 0.307*** | 0.161* | 0.322*** | 0.302*** | — | | |
| 14. AC14 | 1.22 | 0.56 | 0.24*** | 0.238*** | 0.203** | 0.357*** | 0.053 | 0.084 | 0.22** | 0.311*** | 0.187** | 0.115 | 0.263*** | 0.193** | 0.31*** | — | |
| 15. AC15 | 1.97 | 1.07 | 0.506*** | 0.552*** | 0.408*** | 0.487*** | 0.059 | 0.369*** | 0.336*** | 0.531*** | 0.418*** | 0.116 | 0.312*** | 0.479*** | 0.415*** | 0.12 | — |

* p < .05, ** p < .01, *** p < .001

***Table B.*** **Sample 2 Pearson's Correlations**

| Variable | *M* | *SD* | AC1 | AC2 | AC3 | AC4 | AC5 | AC6 | AC7 | AC8 | AC9 | AC10 | AC11 | AC12 | AC13 | AC14 | AC15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1. AC1 | 5.52 | 2.95 | — | | | | | | | | | | | | | | |
| 2. AC2 | 4.62 | 2.12 | 0.519*** | — | | | | | | | | | | | | | |
| 3. AC3 | 1.56 | 0.85 | 0.587*** | 0.443*** | — | | | | | | | | | | | | |
| 4. AC4 | 2.01 | 1.13 | 0.343*** | 0.409*** | 0.314*** | — | | | | | | | | | | | |
| 5. AC5 | 2.13 | 1.06 | 0.394*** | 0.23** | 0.286*** | 0.326*** | — | | | | | | | | | | |
| 6. AC6 | 2.88 | 0.92 | 0.468*** | 0.567*** | 0.259*** | 0.392*** | 0.359*** | — | | | | | | | | | |
| 7. AC7 | 2.45 | 1.02 | 0.48*** | 0.479*** | 0.42*** | 0.401*** | 0.348*** | 0.519*** | — | | | | | | | | |
| 8. AC8 | 1.94 | 0.95 | 0.484*** | 0.373*** | 0.446*** | 0.331*** | 0.263*** | 0.364*** | 0.52*** | — | | | | | | | |
| 9. AC9 | 2.34 | 1.00 | 0.457*** | 0.417*** | 0.473*** | 0.321*** | 0.364*** | 0.467*** | 0.587*** | 0.445*** | — | | | | | | |
| 10. AC10 | 2.79 | 0.88 | 0.177* | 0.179* | 0.167* | 0.118 | -0.036 | 0.114 | 0.084 | 0.143* | 0.036 | — | | | | | |
| 11. AC11 | 4.43 | 2.57 | 0.44*** | 0.33*** | 0.378*** | 0.29*** | 0.323*** | 0.328*** | 0.305*** | 0.492*** | 0.356*** | 0.101 | — | | | | |
| 12. AC12 | 4.23 | 2.02 | 0.512*** | 0.536*** | 0.447*** | 0.35*** | 0.378*** | 0.467*** | 0.501*** | 0.486*** | 0.534*** | 0.107 | 0.402*** | — | | | |
| 13. AC13 | 4.20 | 2.42 | 0.332*** | 0.385*** | 0.372*** | 0.263*** | 0.29*** | 0.293*** | 0.457*** | 0.405*** | 0.392*** | 0.049 | 0.323*** | 0.358*** | — | | |
| 14. AC14 | 1.33 | 0.71 | 0.366*** | 0.253*** | 0.489*** | 0.289*** | 0.288*** | 0.19** | 0.331*** | 0.409*** | 0.268*** | 0.014 | 0.415*** | 0.348*** | 0.344*** | — | |
| 15. AC15 | 1.89 | 1.09 | 0.502*** | 0.506*** | 0.443*** | 0.453*** | 0.336*** | 0.442*** | 0.434*** | 0.482*** | 0.46*** | 0.086 | 0.462*** | 0.479*** | 0.418*** | 0.419*** | — |

* p < .05, ** p < .01, *** p < .001

**EFA Results – Graphs and Tables**

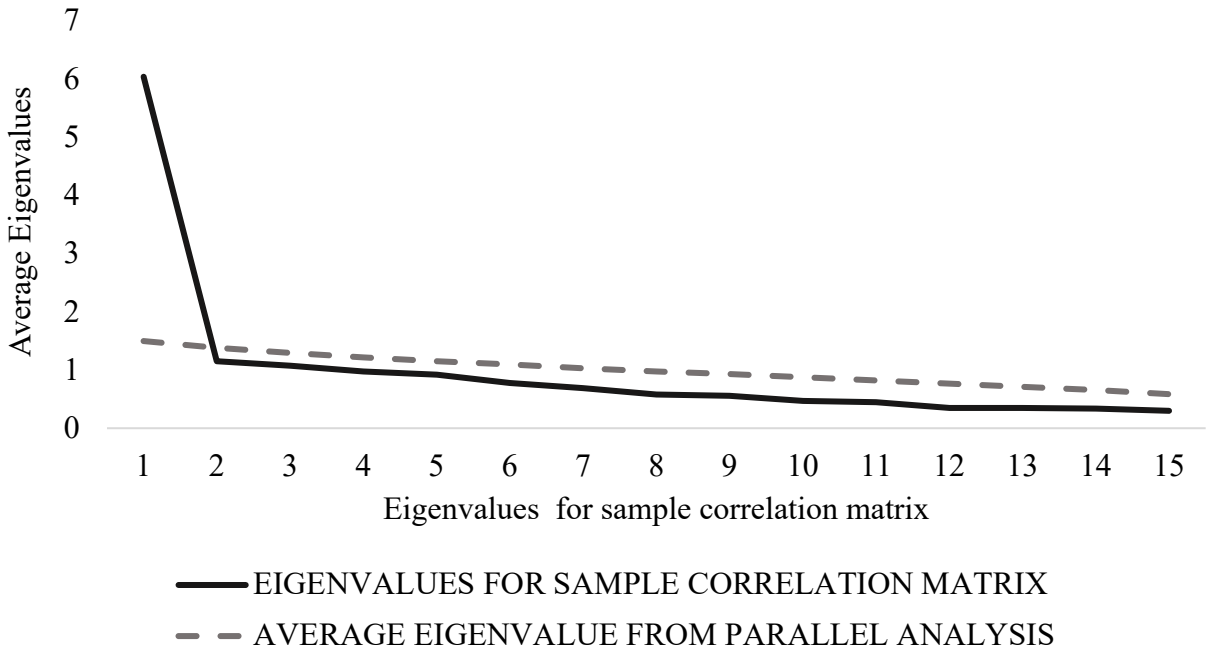


*Figure C.* Graphical depiction of Parallel Analysis for EFA using MLR

**Table C**. *Measurement Model's degrees of freedom (df), chi-square, comparative fit index (CFI)*

| Model | df | *x* | CFI | TLI | RMSEA |
|---|---|---|---|---|---|
| Model 1 | 90 | 159.636 | .92 | .906 | .062 |
| Model 2 | 76 | 121.466 | .948 | .928 | .055 |

**CFA Results – Tables**

***Table F***. Factor loadings and Uniquenesses for Two-Factor ESEM

| Items | Standardized | Uniquenesses |
|---|---|---|
| Factor 1 | | |
| AC3 | 0.678* | 0.469 |
| AC4 | 0.16 | 0.706 |
| AC5 | 0.218 | 0.758 |
| AC9 | 0.235 | 0.533 |
| AC11 | 0.501* | 0.629 |
| AC14 | 0.728* | 0.56 |
| AC15 | 0.395* | 0.503 |
| Factor 2 | | |
| AC1 | 0.399* | 0.469 |
| AC2 | 0.678* | 0.481 |
| AC6 | 0.926* | 0.359 |
| AC7 | 0.586* | 0.483 |
| AC8 | 0.247* | 0.527 |
| AC10 | 0.122 | 0.974 |
| AC12 | 0.505* | 0.492 |
| AC13 | 0.246* | 0.688 |

Note: * p>.05

***Table G***. *Manual scoring and Factor Scores per Participant*

| Participant ID | Manual Scoring | Factor Score |
|---|---|---|
| 57 | 22 | -1.5 |
| 73 | 24 | -1.466 |
| 87 | 24 | -1.38 |
| 30 | 25 | -1.265 |
| 38 | 25 | -1.303 |
| 53 | 25 | -1.364 |
| 62 | 25 | -1.364 |
| 92 | 25 | -1.352 |
| 34 | 26 | -1.141 |
| 84 | 26 | -1.309 |
| 91 | 26 | -1.347 |
| 97 | 26 | -1.261 |
| 8 | 27 | -1.222 |
| 18 | 27 | -1.124 |
| 20 | 27 | -1.064 |
| 22 | 27 | -1.258 |
| 59 | 27 | -1.246 |
| 61 | 27 | -1.189 |
| 66 | 27 | -1.025 |
| 80 | 27 | -1.124 |
| 12 | 28 | -1.348 |
| 28 | 28 | -1.133 |
| 41 | 28 | -0.97 |
| 54 | 28 | -1.109 |
| 71 | 28 | -1.202 |
| 77 | 28 | -0.998 |
| 15 | 29 | -1.084 |
| 32 | 29 | -1.126 |
| 33 | 29 | -1.027 |
| 25 | 30 | -1.053 |
| 56 | 30 | -1.035 |
| 70 | 30 | -0.853 |
| 11 | 31 | -0.812 |
| 21 | 31 | -0.805 |
| 24 | 31 | -0.873 |
| 29 | 31 | -0.957 |

| | | |
|---|---|---|
| 42 | 31 | -0.738 |
| 47 | 31 | -0.958 |
| 63 | 31 | -0.92 |
| 64 | 31 | -0.888 |
| 75 | 31 | -0.782 |
| 100 | 31 | -1.099 |
| 3 | 32 | -0.89 |
| 6 | 32 | -0.888 |
| 9 | 32 | -0.847 |
| 14 | 32 | -0.855 |
| 26 | 32 | -0.773 |
| 4 | 33 | -0.908 |
| 51 | 33 | -0.759 |
| 55 | 33 | -0.675 |
| 65 | 33 | -0.769 |
| 72 | 33 | -0.562 |
| 74 | 33 | -0.601 |
| 88 | 33 | -1.071 |
| 90 | 33 | -0.889 |
| 188 | 33 | -0.741 |
| 13 | 34 | -0.64 |
| 37 | 34 | -0.517 |
| 40 | 34 | -0.572 |
| 44 | 34 | -0.658 |
| 58 | 34 | -0.713 |
| 94 | 34 | -0.789 |
| 95 | 34 | -0.621 |
| 19 | 35 | -0.751 |
| 49 | 35 | -0.521 |
| 68 | 35 | -0.668 |
| 191 | 35 | -0.618 |
| 23 | 36 | -0.867 |
| 45 | 36 | -0.545 |
| 52 | 36 | -0.628 |
| 93 | 36 | -0.693 |
| 96 | 36 | -0.466 |
| 99 | 36 | -0.69 |
| 35 | 37 | -0.316 |
| 48 | 37 | -0.582 |
| 85 | 37 | -0.507 |

| | | |
|---|---|---|
| 107 | 37 | -0.624 |
| 125 | 37 | -0.411 |
| 134 | 37 | -0.361 |
| 158 | 37 | -0.375 |
| 17 | 38 | -0.106 |
| 27 | 38 | -0.335 |
| 46 | 38 | -0.196 |
| 76 | 38 | -0.302 |
| 79 | 38 | -0.303 |
| 43 | 39 | -0.578 |
| 50 | 39 | -0.289 |
| 132 | 39 | -0.452 |
| 133 | 39 | -0.434 |
| 150 | 39 | -0.289 |
| 39 | 40 | -0.1 |
| 81 | 40 | -0.042 |
| 89 | 40 | -0.317 |
| 189 | 40 | -0.206 |
| 194 | 40 | -0.046 |
| 198 | 40 | -0.288 |
| 78 | 41 | -0.171 |
| 7 | 42 | -0.047 |
| 69 | 42 | -0.127 |
| 82 | 42 | -0.178 |
| 83 | 42 | -0.191 |
| 86 | 42 | 0.015 |
| 120 | 42 | -0.227 |
| 156 | 42 | -0.167 |
| 159 | 42 | -0.188 |
| 174 | 42 | 0.058 |
| 10 | 43 | -0.219 |
| 177 | 43 | -0.152 |
| 193 | 43 | -0.088 |
| 108 | 44 | 0.187 |
| 141 | 44 | -0.146 |
| 176 | 44 | -0.11 |
| 178 | 44 | 0.015 |
| 16 | 45 | 0.347 |
| 131 | 45 | 0.215 |
| 167 | 45 | 0.133 |

| | | |
|---|---|---|
| 172 | 45 | 0.215 |
| 31 | 46 | 0.087 |
| 138 | 46 | 0.058 |
| 5 | 47 | 0.348 |
| 98 | 47 | 0.28 |
| 105 | 47 | 0.147 |
| 109 | 47 | 0.336 |
| 115 | 47 | 0.066 |
| 124 | 47 | 0.402 |
| 130 | 47 | 0.285 |
| 154 | 47 | 0.067 |
| 186 | 47 | -0.021 |
| 102 | 48 | -0.212 |
| 143 | 48 | 0.043 |
| 175 | 48 | 0.319 |
| 187 | 48 | 0.368 |
| 67 | 49 | 0.608 |
| 126 | 49 | 0.209 |
| 145 | 49 | 0.201 |
| 163 | 49 | 0.309 |
| 183 | 49 | 0.403 |
| 192 | 49 | 0.497 |
| 36 | 50 | 0.344 |
| 60 | 50 | 0.46 |
| 123 | 50 | 0.289 |
| 144 | 50 | 0.169 |
| 106 | 52 | 0.52 |
| 129 | 52 | 0.436 |
| 161 | 52 | 0.393 |
| 1 | 53 | 0.52 |
| 2 | 53 | 0.824 |
| 155 | 53 | 0.798 |
| 173 | 53 | 0.608 |
| 112 | 54 | 0.616 |
| 116 | 54 | 0.993 |
| 119 | 54 | 0.749 |
| 185 | 55 | 0.689 |
| 128 | 56 | 1.097 |
| 136 | 56 | 0.602 |
| 103 | 57 | 0.977 |

| | | |
|---|---|---|
| 104 | 57 | 0.667 |
| 127 | 57 | 0.554 |
| 111 | 59 | 1.129 |
| 117 | 59 | 0.439 |
| 135 | 60 | 0.863 |
| 162 | 60 | 0.895 |
| 184 | 60 | 1.076 |
| 157 | 61 | 1.139 |
| 180 | 61 | 1.099 |
| 190 | 61 | 1.289 |
| 195 | 61 | 1.281 |
| 197 | 61 | 1.167 |
| 166 | 62 | 1.217 |
| 181 | 62 | 1.188 |
| 196 | 62 | 1.195 |
| 199 | 62 | 1.038 |
| 139 | 63 | 1.325 |
| 114 | 64 | 1.131 |
| 148 | 64 | 1.244 |
| 151 | 64 | 1.531 |
| 113 | 65 | 1.32 |
| 149 | 66 | 1.185 |
| 152 | 66 | 1.581 |
| 101 | 67 | 1.473 |
| 153 | 67 | 1.841 |
| 169 | 67 | 1.451 |
| 179 | 67 | 1.656 |
| 110 | 68 | 1.12 |
| 164 | 69 | 1.685 |
| 165 | 70 | 1.732 |
| 182 | 70 | 1.908 |
| 171 | 72 | 1.613 |
| 118 | 73 | 1.62 |
| 137 | 73 | 2.025 |
| 140 | 73 | 1.526 |
| 142 | 73 | 1.806 |
| 147 | 74 | 1.798 |
| 121 | 75 | 1.955 |
| 122 | 76 | 2.201 |
| 146 | 76 | 2.076 |

| | | |
|---|---|---|
| 160 | 76 | 2.251 |
| 170 | 76 | 1.968 |
| 168 | 78 | 2.395 |

# $R^2$ for a 1 Factor Solution

| Observed | Two-Tailed | | | |
|---|---|---|---|---|
| Variable | Estimate | S.E. | Est./S.E. | P-Value |
| | | | | |
| AC1 | 0.526 | 0.054 | 9.777 | <0.001 |
| AC2 | 0.46 | 0.062 | 7.451 | <0.001 |
| AC3 | 0.429 | 0.061 | 7.051 | <0.001 |
| AC4 | 0.288 | 0.065 | 4.452 | <0.001 |
| AC5 | 0.243 | 0.059 | 4.105 | <0.001 |
| AC6 | 0.399 | 0.059 | 6.778 | <0.001 |
| AC7 | 0.503 | 0.05 | 10.002 | <0.001 |
| AC8 | 0.451 | 0.058 | 7.778 | <0.001 |
| AC9 | 0.467 | 0.058 | 8.009 | <0.001 |
| AC10 | 0.026 | 0.025 | 1.03 | 0.303 |
| AC11 | 0.333 | 0.061 | 5.488 | <0.001 |
| AC12 | 0.512 | 0.062 | 8.271 | <0.001 |
| AC13 | 0.308 | 0.065 | 4.729 | <0.001 |
| AC14 | 0.269 | 0.065 | 4.169 | <0.001 |
| AC15 | 0.497 | 0.063 | 7.844 | <0.001 |

**$R^2$ for a 2 Factor Solution**

| Observed | Two-Tailed | | | |
|---|---|---|---|---|
| Variable | Estimate | S.E. | Est./S.E. | P-Value |
| | | | | |
| AC1 | 0.531 | 0.055 | 9.664 | <0.001 |
| AC2 | 0.519 | 0.074 | 6.998 | <0.001 |
| AC3 | 0.531 | 0.097 | 5.474 | <0.001 |
| AC4 | 0.294 | 0.064 | 4.577 | <0.001 |
| AC5 | 0.242 | 0.058 | 4.149 | <0.001 |
| AC6 | 0.641 | 0.16 | 4.006 | <0.001 |
| AC7 | 0.517 | 0.056 | 9.191 | <0.001 |
| AC8 | 0.473 | 0.058 | 8.178 | <0.001 |
| AC9 | 0.467 | 0.063 | 7.374 | <0.001 |
| AC10 | 0.026 | 0.025 | 1.064 | 0.287 |
| AC11 | 0.371 | 0.089 | 4.162 | <0.001 |
| AC12 | 0.508 | 0.064 | 7.995 | <0.001 |
| AC13 | 0.312 | 0.067 | 4.63 | <0.001 |
| AC14 | 0.44 | 0.138 | 3.191 | 0.001 |
| AC15 | 0.497 | 0.064 | 7.781 | <0.001 |