

Table 2: Cross-loading Classification

|                 | Factor Loadings Matrix |          |          |          | Squared Loadings |          |          |          | Ratio | Cross-loading Classification |
|-----------------|------------------------|----------|----------|----------|------------------|----------|----------|----------|-------|------------------------------|
|                 | Factor 1               | Factor 2 | Factor 3 | Factor 4 | Factor 1         | Factor 2 | Factor 3 | Factor 4 |       |                              |
| X <sub>2</sub>  |                        |          | -.108    | .530     |                  |          | .001     | .281     | 281   | Ignorable                    |
| X <sub>4</sub>  | .176                   | -.610    |          | .116     | .031             | .372     |          | .013     | 12    | Ignorable                    |
| X <sub>6</sub>  |                        | .152     | .350     |          |                  | .023     | .123     |          | 5.348 | Ignorable                    |
| X <sub>8</sub>  | .442                   | .546     |          | .303     | .196             | .298     |          | .092     | 1.520 | Potential                    |
| X <sub>10</sub> |                        |          | .548     |          |                  |          | .301     |          |       |                              |
| X <sub>14</sub> | .991                   |          |          |          | .983             |          |          |          |       |                              |
| X <sub>16</sub> | .252                   | .574     | .200     | -.139    | .064             | .330     | .040     | .019     | 5.156 | Ignorable                    |
| X <sub>17</sub> | .188                   | .159     | -.385    | -.342    | .035             | .025     | .148     | .117     | 1.265 | Problematic                  |