**Scale: ALL VARIABLES**

|  |
| --- |
| **Case Processing Summary** |
|  | N | % |
| Cases | Valid | 342 | 100,0 |
| Excludeda | 0 | ,0 |
| Total | 342 | 100,0 |
| a. Listwise deletion based on all variables in the procedure. |

|  |
| --- |
| **Reliability Statistics** |
| Cronbach's Alpha | N of Items |
| ,851 | 6 |

|  |
| --- |
| **Item-Total Statistics** |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| UA1 | 18,41 | 13,421 | ,585 | ,836 |
| UA2 | 18,33 | 13,144 | ,661 | ,822 |
| UA3 | 18,63 | 12,796 | ,627 | ,828 |
| UA4 | 18,35 | 12,962 | ,663 | ,822 |
| UA5 | 18,11 | 12,876 | ,652 | ,823 |
| UA6 | 18,35 | 12,393 | ,634 | ,828 |

**Reliability**

**Scale: ALL VARIABLES**

|  |
| --- |
| **Case Processing Summary** |
|  | N | % |
| Cases | Valid | 342 | 100,0 |
| Excludeda | 0 | ,0 |
| Total | 342 | 100,0 |
| a. Listwise deletion based on all variables in the procedure. |

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| --- |
| **Reliability Statistics** |
| Cronbach's Alpha | N of Items |
| ,853 | 5 |

|  |
| --- |
| **Item-Total Statistics** |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| VA1 | 15,36 | 11,967 | ,651 | ,826 |
| VA2 | 15,35 | 11,518 | ,691 | ,816 |
| VA3 | 15,47 | 11,006 | ,749 | ,799 |
| VA4 | 15,49 | 11,430 | ,695 | ,814 |
| VA5 | 14,98 | 13,319 | ,541 | ,852 |

**Scale: ALL VARIABLES**

|  |
| --- |
| **Case Processing Summary** |
|  | N | % |
| Cases | Valid | 342 | 100,0 |
| Excludeda | 0 | ,0 |
| Total | 342 | 100,0 |
| a. Listwise deletion based on all variables in the procedure. |

|  |
| --- |
| **Reliability Statistics** |
| Cronbach's Alpha | N of Items |
| ,669 | 2 |

|  |
| --- |
| **Item-Total Statistics** |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| PBC1 | 4,17 | ,712 | ,504 | . |
| PBC2 | 3,85 | ,790 | ,504 | . |

**Scale: ALL VARIABLES**

|  |
| --- |
| **Case Processing Summary** |
|  | N | % |
| Cases | Valid | 342 | 100,0 |
| Excludeda | 0 | ,0 |
| Total | 342 | 100,0 |
| a. Listwise deletion based on all variables in the procedure. |

|  |
| --- |
| **Reliability Statistics** |
| Cronbach's Alpha | N of Items |
| ,908 | 3 |

|  |
| --- |
| **Item-Total Statistics** |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| SN1 | 5,94 | 5,044 | ,810 | ,872 |
| SN2 | 6,04 | 5,201 | ,836 | ,853 |
| SN3 | 6,07 | 4,796 | ,805 | ,879 |

**Scale: ALL VARIABLES**

|  |
| --- |
| **Case Processing Summary** |
|  | N | % |
| Cases | Valid | 342 | 100,0 |
| Excludeda | 0 | ,0 |
| Total | 342 | 100,0 |
| a. Listwise deletion based on all variables in the procedure. |

|  |
| --- |
| **Reliability Statistics** |
| Cronbach's Alpha | N of Items |
| ,761 | 3 |

|  |
| --- |
| **Item-Total Statistics** |
|  | Scale Mean if Item Deleted | Scale Variance if Item Deleted | Corrected Item-Total Correlation | Cronbach's Alpha if Item Deleted |
| IN1 | 6,99 | 2,982 | ,602 | ,669 |
| IN2 | 7,35 | 2,778 | ,605 | ,666 |
| IN3 | 7,37 | 3,067 | ,571 | ,703 |

**Factor Analysis**

|  |
| --- |
| **KMO and Bartlett's Test** |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | ,695 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 252,483 |
| df | 3 |
| Sig. | ,000 |

|  |
| --- |
| **Communalities** |
|  | Initial | Extraction |
| IN1 | 1,000 | ,688 |
| IN2 | 1,000 | ,692 |
| IN3 | 1,000 | ,652 |
| 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 | 2,031 | 67,706 | 67,706 | 2,031 | 67,706 | 67,706 |
| 2 | ,513 | 17,089 | 84,794 |  |  |  |
| 3 | ,456 | 15,206 | 100,000 |  |  |  |
| Extraction Method: Principal Component Analysis. |

|  |
| --- |
| **Component Matrixa** |
|  | Component |
| 1 |
| IN2 | ,832 |
| IN1 | ,829 |
| IN3 | ,807 |
| Extraction Method: Principal Component Analysis. |
| a. 1 components extracted. |

|  |
| --- |
| **Rotated Component Matrixa** |
|  |
| a. Only one component was extracted. The solution cannot be rotated. |

**Factor Analysis**

|  |
| --- |
| **KMO and Bartlett's Test** |
| Kaiser-Meyer-Olkin Measure of Sampling Adequacy. | ,834 |
| Bartlett's Test of Sphericity | Approx. Chi-Square | 2459,951 |
| df | 120 |
| Sig. | ,000 |

|  |
| --- |
| **Communalities** |
|  | Initial | Extraction |
| UA1 | 1,000 | ,506 |
| UA2 | 1,000 | ,602 |
| UA3 | 1,000 | ,583 |
| UA4 | 1,000 | ,614 |
| UA5 | 1,000 | ,631 |
| UA6 | 1,000 | ,577 |
| VA1 | 1,000 | ,614 |
| VA2 | 1,000 | ,668 |
| VA3 | 1,000 | ,763 |
| VA4 | 1,000 | ,678 |
| VA5 | 1,000 | ,466 |
| PBC1 | 1,000 | ,762 |
| PBC2 | 1,000 | ,781 |
| SN1 | 1,000 | ,840 |
| SN2 | 1,000 | ,863 |
| SN3 | 1,000 | ,829 |
| 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 | 4,726 | 29,540 | 29,540 | 4,726 | 29,540 | 29,540 | 3,492 | 21,827 | 21,827 |
| 2 | 2,839 | 17,743 | 47,283 | 2,839 | 17,743 | 47,283 | 3,204 | 20,026 | 41,853 |
| 3 | 1,907 | 11,918 | 59,201 | 1,907 | 11,918 | 59,201 | 2,562 | 16,011 | 57,864 |
| 4 | 1,304 | 8,151 | 67,352 | 1,304 | 8,151 | 67,352 | 1,518 | 9,488 | 67,352 |
| 5 | ,746 | 4,662 | 72,014 |  |  |  |  |  |  |
| 6 | ,609 | 3,809 | 75,823 |  |  |  |  |  |  |
| 7 | ,565 | 3,532 | 79,355 |  |  |  |  |  |  |
| 8 | ,552 | 3,447 | 82,803 |  |  |  |  |  |  |
| 9 | ,495 | 3,094 | 85,896 |  |  |  |  |  |  |
| 10 | ,433 | 2,704 | 88,600 |  |  |  |  |  |  |
| 11 | ,422 | 2,639 | 91,239 |  |  |  |  |  |  |
| 12 | ,385 | 2,405 | 93,644 |  |  |  |  |  |  |
| 13 | ,323 | 2,021 | 95,665 |  |  |  |  |  |  |
| 14 | ,261 | 1,632 | 97,298 |  |  |  |  |  |  |
| 15 | ,235 | 1,466 | 98,764 |  |  |  |  |  |  |
| 16 | ,198 | 1,236 | 100,000 |  |  |  |  |  |  |
| Extraction Method: Principal Component Analysis. |

|  |
| --- |
| **Component Matrixa** |
|  | Component |
| 1 | 2 | 3 | 4 |
| UA2 | ,683 |  | -,328 |  |
| UA5 | ,665 |  | -,429 |  |
| UA3 | ,650 |  |  |  |
| UA4 | ,649 |  | -,383 |  |
| UA6 | ,637 |  | -,314 |  |
| UA1 | ,626 |  |  |  |
| VA2 | ,610 | -,451 | ,301 |  |
| VA1 | ,608 | -,437 |  |  |
| VA4 | ,543 | -,482 | ,357 |  |
| VA3 | ,542 | -,518 | ,420 |  |
| VA5 | ,512 | -,409 |  |  |
| SN3 | ,352 | ,698 | ,456 |  |
| SN2 | ,344 | ,680 | ,506 |  |
| SN1 | ,380 | ,665 | ,479 |  |
| PBC2 |  |  |  | ,765 |
| PBC1 | ,370 | -,305 |  | ,729 |
| Extraction Method: Principal Component Analysis. |
| a. 4 components extracted. |

|  |
| --- |
| **Rotated Component Matrixa** |
|  | Component |
| 1 | 2 | 3 | 4 |
| UA4 | ,775 |  |  |  |
| UA5 | ,763 |  |  |  |
| UA2 | ,750 |  |  |  |
| UA6 | ,742 |  |  |  |
| UA3 | ,729 |  |  |  |
| UA1 | ,684 |  |  |  |
| VA3 |  | ,872 |  |  |
| VA4 |  | ,819 |  |  |
| VA2 |  | ,790 |  |  |
| VA1 |  | ,745 |  |  |
| VA5 |  | ,651 |  |  |
| SN2 |  |  | ,921 |  |
| SN1 |  |  | ,903 |  |
| SN3 |  |  | ,893 |  |
| PBC2 |  |  |  | ,864 |
| PBC1 |  |  |  | ,822 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. |
| a. Rotation converged in 5 iterations. |

|  |
| --- |
| **Component Transformation Matrix** |
| Component | 1 | 2 | 3 | 4 |
| 1 | ,737 | ,583 | ,283 | ,191 |
| 2 | ,280 | -,621 | ,698 | -,221 |
| 3 | -,589 | ,491 | ,624 | -,152 |
| 4 | -,179 | -,184 | ,207 | ,944 |
| Extraction Method: Principal Component Analysis.  Rotation Method: Varimax with Kaiser Normalization. |

**Regression**

|  |
| --- |
| **Variables Entered/Removeda** |
| Model | Variables Entered | Variables Removed | Method |
| 1 | PBC, SN, VA, UAb | . | Enter |
| a. Dependent Variable: YDSD |
| b. All requested variables entered. |

|  |
| --- |
| **Model Summaryb** |
| Model | R | R Square | Adjusted R Square | Std. Error of the Estimate | Durbin-Watson |
| 1 | ,594a | ,353 | ,345 | ,80918838 | 1,354 |
| a. Predictors: (Constant), KSHV, AHXH, PTCN, UDGX |
| b. Dependent Variable: YDSD |

|  |
| --- |
| **ANOVAa** |
| Model | Sum of Squares | df | Mean Square | F | Sig. |
| 1 | Regression | 120,337 | 4 | 30,084 | 45,945 | ,000b |
| Residual | 220,663 | 337 | ,655 |  |  |
| Total | 341,000 | 341 |  |  |  |
| a. Dependent Variable: YDSD |
| b. Predictors: (Constant), KSHV, AHXH, PTCN, UDGX |

|  |
| --- |
| **Coefficientsa** |
| Model | Unstandardized Coefficients | Standardized Coefficients | t | Sig. | Collinearity Statistics |
| B | Std. Error | Beta | Tolerance | VIF |
| 1 | (Constant) | 2,146E-016 | ,044 |  | ,000 | 1,000 |  |  |
| UA | ,458 | ,044 | ,458 | 10,452 | ,000 | 1,000 | 1,000 |
| VA | ,122 | ,044 | ,122 | 2,783 | ,006 | 1,000 | 1,000 |
| SN | ,302 | ,044 | ,302 | 6,885 | ,000 | 1,000 | 1,000 |
| PBC | ,193 | ,044 | ,193 | 4,402 | ,000 | 1,000 | 1,000 |
| a. Dependent Variable: IN |

|  |
| --- |
| **Collinearity Diagnosticsa** |
| Model | Dimension | Eigenvalue | Condition Index | Variance Proportions |
| (Constant) | UA | VA | SN | PBC |
| 1 | 1 | 1,000 | 1,000 | ,00 | ,86 | ,04 | ,10 | ,00 |
| 2 | 1,000 | 1,000 | 1,00 | ,00 | ,00 | ,00 | ,00 |
| 3 | 1,000 | 1,000 | ,00 | ,00 | ,00 | ,00 | 1,00 |
| 4 | 1,000 | 1,000 | ,00 | ,03 | ,24 | ,73 | ,00 |
| 5 | 1,000 | 1,000 | ,00 | ,11 | ,72 | ,17 | ,00 |
| a. Dependent Variable: YDSD |

|  |
| --- |
| **Residuals Statisticsa** |
|  | Minimum | Maximum | Mean | Std. Deviation | N |
| Predicted Value | -2,1966248 | 1,2572590 | 0E-7 | ,59404961 | 342 |
| Residual | -2,93826509 | 2,11518526 | 0E-8 | ,80442841 | 342 |
| Std. Predicted Value | -3,698 | 2,116 | ,000 | 1,000 | 342 |
| Std. Residual | -3,631 | 2,614 | ,000 | ,994 | 342 |
| a. Dependent Variable: YDSD |