TABLE 1. Discriminant Functions

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Standardized Canonical Coefficients** | | | | **Structure Coefficients/Discriminant Loadings** | | | |
| DF1 | DF2 | DF3 | DF4 | DF 1: | DF2: | DF3: | DF4: |
| Independent Variables | Spiritually Fixated | Power Hungry |  |  | Spiritually Fixated | Power Hungry |  |  |
| F24. Unity with Nature (fitting into nature) | -.61 | .155 | -.353 | -.347 | **-.259\*** | -.131 | -.165 | .032 |
| F6. A Spiritual Life (emphasis on spiritual not material matters) | .512 | .031 | -.011 | -.196 | **.134\*** | -.026 | -.057 | .126 |
| F25. A Varied Life (filled with challenge, novelty, and change) | -.111 | .127 | -.423 | -.264 | **-.063\*** | .043 | -.003 | -.010 |
| F3. Social Power (control over others, dominance) | -.082 | .412 | .117 | .284 | -.034 | **.356\*** | .200 | .207 |
| F23. Social Recognition (respect, approval by others) | -.089 | -.764 | .672 | .035 | .000 | **-.279\*** | .251 | .278 |
| F16. Creativity (uniqueness, imagination) | .344 | -.373 | -.292 | .196 | .061 | **-.265\*** | -.020 | .220 |
| F5. Freedom (freedom of action and thought) | -.05 | -.473 | -.014 | -.058 | -.064 | **-.161\*** | .130 | .147 |
| F29. A World of Beauty (beauty of nature and the arts) | .563 | -.173 | .685 | -.014 | .008 | -.034 | **.348\*** | .201 |
| F10. Meaning in Life (a purpose in life) | .437 | .21 | .333 | -.026 | .102 | .160 | **.298\*** | .234 |
| F9. An Exciting Life (stimulating experiences) | -.006 | .16 | .321 | -.302 | .000 | .101 | **.294\*** | .103 |
| F15. Reciprocation of Favors (avoidance of indebtedness) | .044 | .219 | .089 | -.359 | .016 | .065 | **.077\*** | -.035 |
| F18. Respect for Tradition (preserve time-honored customs) | .526 | -.139 | -.387 | .454 | .128 | -.153 | -.247 | **.493\*** |
| F4. Pleasure (gratification of desires) | -.001 | .193 | -.033 | .549 | -.073 | .187 | .278 | **.485\*** |
| F19. Mature Love (deep emotional and spiritual intimacy) | -.931 | .06 | .003 | .239 | -.290 | -.034 | .028 | **.429\*** |
| F17. A World at Peace (free of war and conflict) | -.241 | -.189 | .304 | .262 | -.180 | -.067 | .190 | **.405\*** |
| F30. Social Justice (correcting injustice, care for the weak) | -.521 | -.165 | -.196 | .137 | -.165 | -.085 | .058 | **.381\*** |
| F8. Social Order (stability of society) | -.373 | -.416 | .034 | .099 | -.138 | .003 | .112 | **.365\*** |
| F7. Sense of Belonging (feeling that others care about me) | .247 | .206 | -.542 | .27 | .024 | -.034 | .018 | **.354\*** |
| F26. Wisdom (a mature understanding of life) | .283 | .424 | -.297 | .389 | .030 | .057 | -.072 | **.339\*** |
| F22. Family Security (safety for loved ones) | .561 | -.32 | -.116 | -.009 | .143 | -.169 | -.104 | **.337\*** |
| F14. Self-Respect (belief in one’s own worth) | -.389 | -.173 | .063 | .182 | -.013 | -.065 | .103 | **.300\*** |
| F13. National Security (protection of my nation from enemies) | .116 | .373 | -.206 | .131 | .080 | .088 | -.109 | **.297\*** |
| F20. Self-Discipline (self-restraint, resistance to temptation) | -.082 | .175 | -.11 | -.135 | -.041 | .068 | -.054 | **.294\*** |
| F2. Inner Harmony (at peace with myself) | .175 | -.387 | .249 | .252 | .075 | -.242 | .213 | **.289\*** |
| F1. Equality (equal opportunity for all) | .068 | .596 | .147 | -.185 | -.032 | .059 | .221 | **.273\*** |
| F12. Wealth (material possessions, money) | .088 | .404 | .009 | .141 | .028 | .223 | .203 | **.260\*** |
| F28. True Friendship (close, supportive friends) | -.004 | .491 | .059 | -.404 | .030 | .014 | .173 | **.244\*** |
| F11. Politeness (courtesy, good manners) | -.378 | .08 | .214 | -.266 | -.097 | -.115 | .080 | **.164\*** |
| F27. Authority (the right to lead or command) | .065 | -.247 | -.031 | -.367 | -.001 | .092 | .128 | **.153\*** |
| F21. Detachment (from worldly concerns) | -.127 | .132 | .066 | .227 | -.073 | .076 | -.016 | **.144\*** |

Pooled within-group correlations between discriminating variables and standardized canonical discriminant functions. Variables ordered by absolute size of correlation within function.  
\* Largest absolute correlation between each variable and any discriminant function.

TABLE 2. Group Statistics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | DF1: Spiritually Fixated | DF2:  Power Hungry | DF3: | DF4: |
| **LibArts Com**  General Studies, Org Com, Com Mgmt | -.171 | -.235 | .068 | .489 |
| **Journalism**  Journalism, PR | 1.113 | -.076 | .292 | -.121 |
| **Other**  Biz, Engin, Nursing, Education, Psych | .028 | .535 | -.750 | -.051 |
| **LibArts NonCom**  Film, DigiMed, Lang, PolySci, Music, Urban | -.535 | -.495 | .035 | -.320 |
| **Undecided or Blank** | -.724 | 1.331 | 1.097 | -.089 |
| **Wilks’ Lambda** | .426 | .588 | .745 | .914 |
| **Chi-square** | 147.961 | 92.087 | 51.002 | 15.596 |
| **Significance** | .043 | .334 | .664 | .960 |
| **Eigenvalue** | .379a | .267a | .226a | .064a |
| **Canonical Correlation** | .524 | .459 | .430 | .293 |
| 1. First 4 canonical discriminant functions were used in the analysis | | | | |

Table 3. Classification Results

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  | | Predicted Group Membership | | | | |
| Observed Group | Total Size | | LibArts Com | Journalism PR | Other | LibArts NonCom | Undecided Blank |
| LibArts Com | 61 | | 18 | 7 | 9 | 11 | 4 |
| Journalism PR | 46 | | 5 | 24 | 6 | 3 | 1 |
| Other | 54 | | 7 | 6 | 3 | 1 | 39 |
| LibArts NonCom | | 59 | 13 | 4 | 5 | 23 | 5 |
| Undecided/Blank | 68 | | 2 | 1 | 0 | 3 | 7 |
| Total | 288 | |  |  |  |  |  |

1. 49.0% of original grouped cases correctly classified.

**Press’ Q = [N-(nK)]2** N=192 (total sample size)

**N(K-1)** n=75 (number of observations correctly classified)

K =5 (number of groups)

= [192-(75\*5)]2

192(5-1)

= 1832

768

= 33489

768

= **43.61**

**Press’ Q of 43.61** far exceeds the chi-square at p<.001 level (critical value is 10.83)