**Appendix 2**

*Stepwise Regression Model of Student-Related Variables on EDV-9S Test Scores, SAI and Comparison Groups*

|  |  |  |
| --- | --- | --- |
|  | SAI | Comparison |
| Variable | ß | *SE* | *t* | ß | *SE* | *t* |
| Academic Indecision |  |  |  |  |  |  |
| Intercept  | -0.02 | 0.18 | -0.09 |  |  |  |
| 1. Having discussed academic plans with parents in high school (HS) (ref. = no) |  |  |  |  |  |  |
| Yes | 0.27 | 0.12 | 2.36\* |  |  |  |
| 2. Having dropped courses in college (ref. = 1 course)  |  |  |  |  |  |  |
| 3 courses | 1.74 | 0.77 | 2.26\* |  |  |  |
| 4 courses | -2.26 | 1.08 | -2.10\* |  |  |  |
| … |  |  |  |  |  |  |
| *R2* = .05; *F*(6.34) = 3.05; *p* < .01 |  |  |  |  |  |  |
| Intercept |  |  |  | -0.13 | 0.06 | -2.28\* |
| 1: Having dropped courses in college (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 0.28 | 0.11 | 2.50\* |
| 2. Gender (reference = women) |  |  |  |  |  |  |
| Men |  |  |  | 0.20 | 0.09 | 2.33\* |
| *R2* = .03; *F*(2.36) = 6.02; *p* < .01 |  |  |  |  |  |  |
| Career Indecision |  |  |  |  |  |  |
| Intercept | 0.16 | 0.17 | 0.93 |  |  |  |
| 1. Having read career information in college (ref. = no) |  |  |  |  |  |  |
| Yes | 0.29 | 0.12 | 2.35\* |  |  |  |
| 2. Having consulted an educational counselor in college (ref. = no) |  |  |  |  |  |  |
| Yes | -0.48 | 0.20 | 2.36\* |  |  |  |
| 3. Having enrolled in a regular HS program (ref. = no) |  |  |  |  |  |  |
| Yes | -0.37 | 0.17 | -2.21\* |  |  |  |
| 4. Having repeated courses in HS (ref. = no) |  |  |  |  |  |  |
| Yes | 0.26 | 0.13 | 2.10\* |  |  |  |
| *R2* = .06; *F*(4.34) = 5.19; *p* < .001 |  |  |  |  |  |  |
| Intercept |  |  |  | -2.09 | 0.89 | -2.35\* |
| 1. Gender (reference = women) |  |  |  |  |  |  |
| Men |  |  |  | 0.22 | 0.09 | 2.39\* |
| 2. Having worked on weekend during the college semester (ref. = 0–10 hours) |  |  |  |  |  |  |
| 11-20 hours |  |  |  | -0.25 | 0.12 | -2.12\* |
| … |  |  |  |  |  |  |
| 3. Having worked during the college semester (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 1.92 | 0.88 | 2.18\* |
| 4. Having consulted a career advisor in HS (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 0.21 | 0.10 | 2.13\* |
| *R2* = .06; *F*(5,36) = 4.33; *p* < .001 |  |  |  |  |  |  |
| Lack of Self-knowledge |  |  |  |  |  |  |
| Intercept | 0.03 | 0.07 | 0.37 |  |  |  |
| 1. Having taken an interest or aptitude test in HS (ref. = no) |  |  |  |  |  |  |
| Yes | 0.26 | 0.09 | 3.01\*\* |  |  |  |
| 2. Having enrolled in a specialized program in HS (ref. = no) |  |  |  |  |  |  |
| Yes | 0.39 | 0.12 | 3.23\*\*\* |  |  |  |
| (Continued) | SAI | Comparison |
| Variable | ß | *SE*  | *t* | ß | *SE* | *t* |
| Lack of Self-knowledge |  |  |  |  |  |  |
| 3. Having enrolled in a vocational program in HS (ref. = no) |  |  |  |  |  |  |
| Yes | 0.51 | 0.24 | 2.17\* |  |  |  |
| 4. Gender (ref. = women) |  |  |  |  |  |  |
| Men | -0.20 | 0.08 | -2.37\* |  |  |  |
| 5. HS diploma obtained (ref. = in less than 1 year) |  |  |  |  |  |  |
| 1–2 years prior to college | 0.63 | 0.20 | 3.16\*\* |  |  |  |
| *R2*= .11 ; *F*(9.33) = 4.38; *p*< .001 |  |  |  |  |  |  |
| Intercept |  |  |  | -0.13 | 0.04 | -3.17\*\* |
| 1: Having met a representative from a chosen field of work in HS (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 0.15 | 0.07 | 2.07\* |
| *R2* = .01; *F*(1.36) = 4.26; *p* < .05 |  |  |  |  |  |  |
| Lack of Method in Decision-making |  |  |  |  |  |  |
| Intercept | -0.20 | 0.08 | -2.33\* |  |  |  |
| 1. Number of orientation steps taken in HS  | 0.07 | 0.02 | 3.22\*\*\* |  |  |  |
| 2. Having consulted an educational counselor in college (ref. = no) |  |  |  |  |  |  |
| Yes | -0.30 | 0.14 | -2.33\* |  |  |  |
| 3. HS diploma obtained (ref. =  in less than 1 year)  |  |  |  |  |  |  |
| 1–2 years prior to college | 0.49 | 0.21 | 2.37\* |  |  |  |
| … |  |  |  |  |  |  |
| *R2* =.07; *F* (7.34) = 3.88; *p* < .001 |  |  |  |  |  |  |
| Intercept |  |  |  | -3.09 | 0.67 | 4.60\*\*\* |
| 1. Having dropped courses in college (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 0.24 | 0.09 | 2.57\* |
| 2. Having worked on weekend during the college semester (ref. = 0–10 hours) |  |  |  |  |  |  |
| Not working weekends |  |  |  | 3.07 | 0.66 | 4.63\*\*\* |
| … |  |  |  |  |  |  |
| 3. Having worked during the college semester (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | 2.92 | 0.66 | 4.39\*\*\* |
| 4: HS diploma obtained (ref. = in less than 1 year)  |  |  |  |  |  |  |
| Diploma obtained 2–5 years prior to college |  |  |  | 0.41 | 0.15 | 2.78\*\* |
| … |  |  |  |  |  |  |
| 5. Having consulted a career advisor in HS (ref. = no) |  |  |  | 0.17 | 0.07 | 2.30\* |
| Yes |  |  |  |  |  |  |
| 6. Maternal level of education (ref. = university)  |  |  |  |  |  |  |
| High school |  |  |  | -0.28 | 0.09 | -3.07\*\* |
| … |  |  |  |  |  |  |
| *R2* = .14; *F*(14.35) = 4.23; *p* < .001 |  |  |  |  |  |  |
| Lack of Information |  |  |  |  |  |  |
| Intercept | -0.04 | 0.06 | -0.73 |  |  |  |
| 1. Having consulted a career advisor in college (ref = no) | 0.22 | 0.08 | 2.78\*\* |  |  |  |
| Yes |  |  |  |  |  |  |
| 2. Having read career information in college (ref. = no) | 0.16 | 0.08 | 2.03\* |  |  |  |
| Yes |  |  |  |  |  |  |
| *R2* = .04; *F* (2.34) = 6.47; *p* < .01 |  |  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| (Continued) | SAI | Comparison |
| Variable | ß | *SE*  | *t* | ß | *SE* | *t* |
| Lack of Information |  |  |  |  |  |  |
| Intercept |  |  |  | -0.26 | 0.05 | -4.85\*\*\* |
| 1. Having discussed career plans with parents in HS (ref. = no)  |  |  |  |  |  |  |
| Yes |  |  |  | 0.20 | 0.07 | 3.02\*\* |
| 2. Having discussed career plans with a teacher in HS (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | -0.19 | 0.08 | -2.46\*\* |
| *R2* = .04; *F* (2.36) = 7.10; *p* < .001 |  |  |  |  |  |  |
| External Barriers |  |  |  |  |  |  |
| Intercept | -0.04 | 0.03 | -1.42 |  |  |  |
| 1. Having enrolled in adult education in HS (ref. = no) |  |  |  |  |  |  |
| Yes | -0.30 | 0.11 | 2.72\*\* |  |  |  |
| 2. Interruption of studies during HS (ref. = no) |  |  |  |  |  |  |
| Yes | 0.22 | 0.09 | 2.37\* |  |  |  |
| *R2* = .03; *F* (2.34) = 5.07; *p* < .001 |  |  |  |  |  |  |
| Intercept |  |  |  | -0.06 | 0.04 | 1.79 |
| 1. HS diploma obtained (ref. = less than 1 year)  |  |  |  |  |  |  |
| 1 year |  |  |  | 0.47 | 0.12 | 3.82\*\*\* |
| 2. Having repeated courses in HS (ref. = no)  |  |  |  |  |  |  |
| Yes |  |  |  | -0.17 | 0.07 | -2.47\* |
| 3. Having participated in an organized tour of a workplace in college (ref. = no) |  |  |  |  |  |  |
| Yes |  |  |  | -0.40 | 0.18 | -2.23\* |
| 4. Having consulted career advisor in college (ref. = no) |  |  |  |  |  |  |
| Yes  |  |  |  | -0.15 | 0.08 | -2.01\* |
| *R2*= .08; *F*(8.36) = 3.96; *p* < .001 |  |  |  |  |  |  |
| Dysfunctional Beliefs |  |  |  |  |  |  |
| Intercept | -0.17 | 0.05 | -3.60\*\*\* |  |  |  |
| 1. Having attended a career presentation prior to college (ref. = no) | 0.35 | 0.13 | 2.82\*\* |  |  |  |
| Yes |  |  |  |  |  |  |
| 2. Having met a representative from a chosen field of work during college (ref. = no) | 0.18 | 0.08 | 2.25\* |  |  |  |
| Yes |  |  |  |  |  |  |
| 3. Having interrupted studies in HS (ref.= no) |  |  |  |  |  |  |
| Yes | 0.23 | 0.11 | 2.04\* |  |  |  |
| *R2* = .05; *F* (3.34) = 5.61; *p* < .001 |  |  |  |  |  |  |
| Intercept |  |  |  | -0.34 | 0.06 | -5.54\*\*\* |
| 1. Number of orientation steps taken during HS |  |  |  | 0.05 | 0.02 | 2.86\*\* |
| *R2* = .02; *F*(1.37) = 8.17; *p* = .005 |  |  |  |  |  |  |

\*p < .05; \*\*p < .01; \*\*\*p < .001