Table 2.17 Logistic Regression of Individuals First Major Transition at 16 Comparing the NCDS and BCS Cohorts

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | NS-SEC | | | Average Marginal Effects | |
| Economic Activity: ‘School’ Reference Category | **Coef.** | **S.E.** | **Sig.** | **Prob.** | **S.E.** |
| Employment |  |  |  |  |  |
| Educational Attainment |  |  |  |  |  |
| *Less than five O’levels* | Ref. | (.) |  | (.) | (.) |
| *Five or More O’levels* | -3.07 | (0.07) | \*\*\* | -0.54 | (0.01) |
| Educational Attainment O'levels # Cohort |  |  |  |  |  |
| *Five or More O’levels # BCS* | 1.40 | (0.21) | \*\*\* | (.) | (.) |
| Sex |  |  |  |  |  |
| *Female* | Ref. | (.) |  | (.) | (.) |
| *Male* | -0.06 | (0.06) |  | -0.00 | (0.01) |
| Sex # Cohort |  |  |  |  |  |
| *Male # BCS* | 0.41 | (0.19) | \* | (.) | (.) |
| Housing Tenure |  |  |  |  |  |
| *Own Home* | Ref. | (.) |  | (.) | (.) |
| *Do not Own Home* | 0.40 | (0.07) | \*\*\* | 0.05 | (0.01) |
| Housing Tenure # Cohort |  |  |  |  |  |
| *Don’t Own Home # BCS* | -0.10 | (0.22) |  | (.) | (.) |
| NS-SEC (SOC 2000) |  |  |  |  |  |
| *1.1* | -0.00 | (0.18) |  | -0.01 | (0.02) |
| *1.2* | -0.57 | (0.16) | \*\*\* | -0.08 | (0.02) |
| *2* | Ref. | (.) |  | (.) | (.) |
| *3* | 0.19 | (0.12) |  | 0.02 | (0.02) |
| *4* | 0.69 | (0.12) | \*\*\* | 0.09 | (0.02) |
| *5* | 0.64 | (0.11) | \*\*\* | 0.09 | (0.01) |
| *6* | 0.62 | (0.12) | \*\*\* | 0.08 | (0.01) |
| *7* | 1.01 | (0.11) | \*\*\* | 0.13 | (0.01) |
| NS-SEC (SOC 2000) # Cohort |  |  |  |  |  |
| *1.1 # BCS* | -0.60 | (0.51) |  |  |  |
| *1.2 # BCS* | 0.11 | (0.46) |  |  |  |
| *2 # BCS* | Ref. | (.) |  | (.) | (.) |
| *3 # BCS* | -0.16 | (0.36) |  |  |  |
| *4 # BCS* | 0.10 | (0.35) |  |  |  |
| *5 # BCS* | 0.18 | (0.31) |  |  |  |
| *6 # BCS* | -0.06 | (0.34) |  |  |  |
| *7 # BCS* | -0.46 | (0.31) |  |  |  |
| Cohort |  |  |  |  |  |
| *NCDS* | Ref. | (.) |  | (.) | (.) |
| *BCS* | -2.23 | (0.25) | \*\*\* | -0.26 | (0.02) |
| Intercept | 1.68 | (0.10) | \*\*\* | (.) | (.) |
|  |  |  |  |  |  |
| Number of observations | 9134 | | | | |
| McFadden’s | 0.38 | | | | |
| McFadden’s Adjusted Pseudo | 0.37 | | | | |
| AIC | 7216.56 | | | | |
| BIC | 7373.20 | | | | |
| \*\*\* p<.001, \*\* p<.01, \* p<.05 Data Source: NCDS [Sweeps 0-4] & BCS [Sweeps 0-5]  Note: Complete Records Analysis | | | | | |

A graph showing a number of levels

Description automatically generated with medium confidence

Individuals that received five or more O’levels are considerably less likely to not continue schooling. This effect is larger for the NCDS cohort compared to the BCS cohort.

A graph showing the average marginal effects of men with a blue line

Description automatically generated

Individuals that are men are more likely to not continue schooling. This is only true for men within the BCS cohort.

A graph showing a number of percents

Description automatically generated with medium confidence

Individuals that have parents that did not own their own home were more likely to not continue schooling. This is only true for the NCDS cohort.

A graph showing the difference between probabilities and confidence

Description automatically generated

For Children of lower social origins in the NCDS cohort, even when receiving the same educational attainmnet as their more privelaged peers have a lower probability of continuing schooling.