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| **Appendix****Figure A.1: Sequence index plot of educational trajectories across cohort groups** |
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| *Source: Swiss Household Panel data, 1999–2023* |

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| **Figure A.2: Mean time plot of the different educational states across cohorts** |
| *Source: Swiss Household Panel data, 1999–2023* |

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| **Figure A.3: Cluster performance plots** |
| A graph of numbers and a number of objects  Description automatically generated with medium confidence |
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| **Figure A.4: Educational trajectory clusters - state distribution plots across cohort groups** *2-Class Solution* |
| A graph of different colored lines  AI-generated content may be incorrect. |
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| A graph of different colored lines  AI-generated content may be incorrect. |
| A graph of different age groups  AI-generated content may be incorrect. |
| *Source: Swiss Household Panel data, 1999–2023* |

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| **Figure A.5: Educational trajectory clusters - state distribution plots across cohort groups***4 to 7 Class Solution* |
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| A graph of different age groups  AI-generated content may be incorrect. |
| A graph of a number of classes  AI-generated content may be incorrect.*Source: Swiss Household Panel data, 1999–2023* |

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| **Table A.1: Quality indices for the four best solutions** |
|  |  | N groups | Index | N groups | Index | N groups | Index | N groups | Index |
| 1939 - 1953 | PBC | 2 | 0.577 | 8 | 0.448 | 5 | 0.446 | 7 | 0.440 |
| HG | 2 | 0.842 | 8 | 0.805 | 7 | 0.777 | 6 | 0.743 |
| HGSD | 2 | 0.829 | 8 | 0.788 | 7 | 0.760 | 6 | 0.726 |
| ASW | 2 | 0.501 | 3 | 0.310 | 7 | 0.306 | 8 | 0.295 |
| ASWw | 2 | 0.502 | 3 | 0.312 | 7 | 0.310 | 8 | 0.300 |
| CH | 2 | 234.425 | 3 | 206.169 | 4 | 172.597 | 5 | 157.529 |
| R2 | 10 | 0.511 | 9 | 0.496 | 8 | 0.477 | 7 | 0.459 |
| CHsq | 2 | 505.698 | 3 | 402.452 | 4 | 325.042 | 5 | 292.795 |
| R2sq | 10 | 0.648 | 9 | 0.630 | 8 | 0.623 | 7 | 0.599 |
| HC | 8 | 0.089 | 7 | 0.099 | 6 | 0.111 | 5 | 0.119 |
|  |  |
|  |  | N groups | Index | N groups | Index | N groups | Index | N groups | Index |
| 1954 - 1968 | PBC | 2 | 0.618 | 6 | 0.503 | 3 | 0.473 | 4 | 0.472 |
| HG | 2 | 0.808 | 10 | 0.768 | 6 | 0.768 | 9 | 0.764 |
| HGSD | 2 | 0.793 | 6 | 0.752 | 10 | 0.750 | 9 | 0.745 |
| ASW | 2 | 0.465 | 6 | 0.284 | 5 | 0.271 | 3 | 0.269 |
| ASWw | 2 | 0.466 | 6 | 0.287 | 5 | 0.273 | 3 | 0.271 |
| CH | 2 | 309.708 | 3 | 245.236 | 4 | 215.309 | 5 | 196.293 |
| R2 | 10 | 0.482 | 9 | 0.466 | 8 | 0.450 | 7 | 0.432 |
| CHsq | 2 | 652.838 | 3 | 482.087 | 4 | 387.285 | 5 | 348.754 |
| R2sq | 10 | 0.639 | 9 | 0.627 | 8 | 0.606 | 7 | 0.580 |
| HC | 6 | 0.106 | 10 | 0.113 | 9 | 0.116 | 2 | 0.120 |
|  |  |
|  |  | N groups | Index | N groups | Index | N groups | Index | N groups | Index |
| 1969 - 1983 | PBC | 2 | 0.601 | 8 | 0.464 | 6 | 0.464 | 7 | 0.459 |
| HG | 10 | 0.805 | 9 | 0.785 | 2 | 0.756 | 8 | 0.744 |
| HGSD | 10 | 0.787 | 9 | 0.768 | 2 | 0.738 | 8 | 0.726 |
| ASW | 2 | 0.427 | 3 | 0.248 | 4 | 0.206 | 6 | 0.196 |
| ASWw | 2 | 0.431 | 3 | 0.254 | 4 | 0.213 | 10 | 0.208 |
| CH | 2 | 119.125 | 3 | 80.207 | 4 | 67.627 | 5 | 61.198 |
| R2 | 10 | 0.502 | 9 | 0.489 | 8 | 0.473 | 7 | 0.456 |
| CHsq | 2 | 269.578 | 3 | 179.520 | 4 | 141.874 | 5 | 139.167 |
| R2sq | 10 | 0.720 | 9 | 0.704 | 8 | 0.689 | 7 | 0.666 |
| HC | 10 | 0.102 | 9 | 0.111 | 2 | 0.127 | 8 | 0.131 |

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| *Source: Swiss Household Panel data, 1999–2023* |

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| **Table A.2: Multinomial logistic regression for the 1939-1953 cohorts across the three clusters by gender, migration background, and social class. Reference cluster: 1.** |
| *Cohorts 1939-1953* | Cluster 2 | Cluster 3 |  |  |  |
| Constant | 0.112 (0.134)  | -2.714\*\*\* (0.289)  |  |  |  |
| Man | 1.132\*\*\* (0.160)  | 2.022\*\*\* (0.246)  |  |  |  |
| Migration background | -0.842\*\*\* (0.255)  | 0.887\*\*\* (0.280)  |  |  |  |
| Erikson-Goldthorpe-Portocarero (EGP) class scheme(Ref.: V Working class (skilled and unskilled)) |  |  |  |  |  |
| IV Petite bourgeoisie (self-employed) | -0.343\* (0.184)  | -0.044 (0.332)  |  |  |  |
| III Routine non-manual employees | -0.198 (0.286)  | 0.649 (0.435)  |  |  |  |
| II Lower service class | -0.196 (0.263)  | 1.143\*\*\* (0.358)  |  |  |  |
| I Upper service class | -0.639\*\* (0.281)  | 1.781\*\*\* (0.332)  |  |  |  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.116* |
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| **Table A.3: Multinomial logistic regression for the 1939-1953 cohorts across the six clusters by gender, migration background, and social class. Reference cluster: 1.** |
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| *Cohorts 1954-1968* | Cluster 2 | Cluster 3 | Cluster 4 | Cluster 5 | Cluster 6 |
| Constant | 0.783\*\*\* (0.150)  | -0.639\*\*\* (0.193)  | -1.184\*\*\* (0.250)  | -3.557\*\*\* (0.461) | -1.570\*\*\* (0.243)  |
| Man | 0.933\*\*\* (0.201)  | 1.849\*\*\* (0.223)  | -0.051 (0.300)  | 2.207\*\*\* (0.369)  | 1.400\*\*\* (0.243)  |
| Migration background | -1.302\*\*\* (0.264)  | -0.644\*\* (0.280)  | -0.162 (0.329)  | 0.740\* (0.387)  | 0.386 (0.274)  |
| Erikson-Goldthorpe-Portocarero (EGP) class scheme(Ref.: V Working class (skilled and unskilled)) |  |
| IV Petite bourgeoisie (self-employed) | -0.127 (0.219)  | -0.041 (0.259)  | 0.420 (0.344)  | -0.287 (0.629)  | -0.108 (0.347)  |
| III Routine non-manual employees | -0.190 (0.291)  | 0.214 (0.332)  | 0.795\*\* (0.403)  | 1.923\*\*\* (0.504)  | 1.242\*\*\* (0.353)  |
| II Lower service class | -0.001 (0.345)  | 0.953\*\*\* (0.359)  | 1.671\*\*\* (0.412)  | 1.698\*\*\* (0.588)  | 1.757\*\*\* (0.388)  |
| I Upper service class | 0.190 (0.350)  | 0.862\*\* (0.379)  | 1.696\*\*\* (0.421)  | 2.668\*\*\* (0.532)  | 2.654\*\*\* (0.374)  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.089* |
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| **Table A.4: Multinomial logistic regression for the 1939-1953 cohorts across the three clusters by gender, migration background, and social class. Reference cluster: 1.** |
| *Cohorts 1969-1983* | Cluster 2 | Cluster 3 |  |  |  |
| Constant | -0.976\*\*\* (0.255)  | -1.321\*\* (0.290)  |  |  |  |
| Man | 1.232\*\*\* (0.293)  | -0.025 (0.300)  |  |  |  |
| Migration background | -0.877 (0.604)  | 0.356 (0.469)  |  |  |  |
| Erikson-Goldthorpe-Portocarero (EGP) class scheme(Ref.: V Working class (skilled and unskilled)) |  |  |  |  |
| IV Petite bourgeoisie (self-employed) | -0.430 (0.474)  | 0.851\* (0.461)  |  |  |  |
| III Routine non-manual employees | 0.090 (0.381)  | 0.806\* (0.418)  |  |  |  |
| II Lower service class | 0.669 (0.445)  | 1.827\*\*\* (0.461)  |  |  |  |
| I Upper service class | -0.197 (0.513)  | 1.868\*\*\* (0.444)  |  |  |  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.087* |

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| **Table A.5: Multinomial logistic regression for the 1939-1953 cohorts across the three clusters by gender, migration background, and parents’ education. Reference cluster: 1.** |
| *Cohorts 1939-1953* | Cluster 2 | Cluster 3 |  |  |  |
| Constant | -0.321\*(0.181)  | -3.305\*\*\* (0.392)  |  |  |  |
| Man | 1.188\*\*\* (0.159)  | 2.067\*\*\* (0.252)  |  |  |  |
| Migration background | -0.582\*\* (0.246)  | 0.892\*\*\* (0.287)  |  |  |  |
| Parents education (Ref.: Compulsory school) |  |  |  |  |  |
| Vocational education and training | 0.374\* (0.195)  | 0.631 (0.384)  |  |  |  |
| General secondary education | 0.227 (0.306)  | 2.150\*\*\* (0.442)  |  |  |  |
| Higher vocational education (tertiary VET, tech./voc. schools) | 0.233 (0.268)  | 1.332\*\*\* (0.431)  |  |  |  |
| Tertiary education | -1.107\*\* (0.446)  | 2.604\*\*\* (0.435)  |  |  |  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.140* |
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| **Table A.6: Multinomial logistic regression for the 1939-1953 cohorts across the six clusters by gender, migration background, and parents’ education. Reference cluster: 1.** |
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| *Cohorts 1954-1968* | Cluster 2 | Cluster 3 | Cluster 4 | Cluster 5 | Cluster 6 |
| Constant | -0.531\*\* (0.208)  | -1.104\*\*\* (0.271)  | -1.491\*\*\* (0.364)  | -3.987\*\*\* (0.621)  | -2.794\*\*\* (0.445)  |
| Man | 0.88\*\*\* (0.199)  | 1.799\*\*\* (0.222)  | -0.105 (0.295)  | 2.055\*\*\* (0.369)  | 1.349\*\*\* (0.245)  |
| Migration background | -1.255\*\*\* (0.270)  | -0.524\* (0.286)  | -0.085 (0.335)  | 0.701\* (0.393)  | 0.432 (0.290)  |
| Parents education (Ref.: Compulsory school) |  |
| Vocational education and training | 0.245 (0.224)  | 0.551\*\* (0.277)  | 0.774\*\* (0.386)  | 1.094\* (0.601)  | 1.679\*\*\* (0.448)  |
| General secondary education | 0.789\* (0.418)  | 1.473\*\*\* (0.459)  | 2.227\*\*\* (0.53)  | 2.583\*\*\* (0.744)  | 3.334\*\*\* (0.566)  |
| Higher vocational education (tertiary VET, tech./voc. schools) | 0.712\* (0.366)  | 1.555\*\*\* (0.407)  | 1.792\*\*\* (0.503)  | 2.359\*\*\* (0.723)  | 2.916\*\*\* (0.542)  |
| Tertiary education | -0.975 (0.675)  | 1.763\*\*\* (0.537)  | 2.366\*\*\* (0.596)  | 3.765\*\*\* (0.754)  | 4.571\*\*\* (0.605)  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.101* |
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| **Table A.7: Multinomial logistic regression for the 1939-1953 cohorts across the three clusters by gender, migration background, and parents’ education. Reference cluster: 1.** |
| *Cohorts 1969-1983* | Cluster 2 | Cluster 3 |  |  |  |
| Constant | -1.654\*\*\* (0.500)  | -1.367\*\*\* (0.482)  |  |  |  |
| Man | 1.1494\*\*\* (0.286)  | 0.000 (0.307)  |  |  |  |
| Migration background | -1.282\* (0.661)  | 0.316 (0.462)  |  |  |  |
| Parents education (Ref.: Compulsory school) |  |  |  |  |
| Vocational education and training | 0.812 (0.508)  | 0.271 (0.509)  |  |  |  |
| General secondary education | 0.783 (0.690)  | 1.258\*\* (0.641)  |  |  |  |
| Higher vocational education (tertiary VET, tech./voc. schools) | 1.096\* (0.636)  | 1.500\*\* (0.612)  |  |  |  |
| Tertiary education | 0.965 (0.698)  | 2.818\*\*\* (0.613)  |  |  |  |
| *Note: \* p < 0.1, \*\* p < 0.05, \*\*\* p < 0.01, standard errors in parentheses, data: Swiss Household Panel data, 1999–2023, McFadden's Pseudo-R² = 0.120* |