**Appendix**

TABLE A1. Competing risks hazard model for effects of type of health restrictions on employment entry rates. Log relative risks

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **constant** | -5.5116 | \*\*\* | -7.1804 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |
| 0-183 days | -0.0022 |   | -0.0006 |   |
| 183-365 days | -0.0030 | \*\*\* | -0.0025 | \* |
| 365-731 days | -0.0010 | \*\* | -0.0009 |   |
| 731-1096 days | 0.0002 |   | -0.0009 |   |
| 1096-1461 days | -0.0019 | \*\*\* | 0.0003 |   |
| 1461+ days | -0.0002 |   | -0.0003 |   |
| **family type** |  |  |  |  |
| *single men* | *0* |  | *0* |  |
| single women | -0.34 |   | 0.15 |   |
| lone fathers | -0.24 |   | 0.98 |   |
| lone mothers | 0.07 |   | 0.35 |   |
| men with a partner, no children | 0.25 |   | 0.36 |   |
| women with a partner, no children | -0.74 | \*\* | 0.03 |   |
| fathers with a partner | -0.11 |   | 0.65 | \* |
| mothers with a partner | -0.61 | \* | -0.12 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |
| 0-2 years | 0.23 |   | -0.32 |   |
| 3-5 years | 0.22 |   | -0.31 |   |
| *6-9 years* | *0* |  | *0* |  |
| 10-14 years | 0.68 | \* | 0.10 |   |
| 15-17 years | 0.65 |   | -0.29 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |
| 0-2 years | -0.78 | \*\*\* | -0.42 |   |
| 3-5 years | -0.37 |   | -0.12 |   |
| *6-9 years* | *0* |  | *0* |  |
| 10-14 years | -0.09 |   | -0.81 |   |
| 15-17 years | 0.53 |   | 0.27 |   |
| **interaction men/ own age** |  |  |  |  |
| 15-24 years | 0.15 |   | 0.41 |   |
| *25-34 years* | *0* |  | *0* |  |
| 35-44 years | -0.36 | \*\* | 0.14 |   |
| 45-54 years | -0.85 | \*\*\* | -0.75 | \*\*\* |
| 55-64 years | -1.67 | \*\*\* | -0.46 |   |
| **interaction women/ own age** |  |  |  |  |
| 15-24 years | 0.08 |   | 0.35 |   |
| *25-34 years* | *0* |  | *0* |  |
| 35-44 years | -0.18 |   | 0.06 |   |
| 45-54 years | -0.33 |   | 0.02 |   |
| 55-64 years | -0.83 | \*\*\* | -0.72 | \*\* |
| **duration since last job (years)** | -0.08 | \*\*\* | -0.03 |   |
| **no last job** | -0.92 | \*\*\* | -0.52 | \*\* |
| **duration of current basic income support receipt (years)** | -0.03 |   | 0.03 |   |

TABLE A1 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **federal state** |  |  |  |  |
| Schleswig-Holstein | -0.01 |   | 0.28 |   |
| Hamburg | -0.24 |   | -0.43 |   |
| Niedersachsen | 0.02 |   | 0.14 |   |
| Bremen | -0.95 | \* | -0.10 |   |
| *Nordrheinwestfalen* | *0* |  | *0* |  |
| Hessen | 0.22 |   | -0.07 |   |
| Rheinland-Pfalz | 0.19 |   | 0.25 |   |
| Baden-Wuerttemberg | -0.19 |   | 0.09 |   |
| Bayern | -0.01 |   | 0.14 |   |
| Saarland | -0.05 |   | 0.11 |   |
| Berlin | 0.11 |   | -0.24 |   |
| Brandenburg | 0.20 |   | 0.15 |   |
| Mecklenburg-Vorpommern | 0.22 |   | 0.71 | \* |
| Sachsen | 0.15 |   | 0.03 |   |
| Sachsen-Anhalt | 0.19 |   | -0.41 |   |
| Thueringen | -0.19 |   | 0.43 |   |
| **missing: regional unemployment rate, July of previous year** | 0.55 |   | 0.13 |   |
| **regional unemployment rate (%), July of previous year** | -0.02 |   | -0.02 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | 0.26 | \* | 0.20 |   |
| **women: respondent or respondent's parents or grandparents immigrated**  | -0.18 |   | -0.07 |   |
| **post-secondary degree** |  |  |  |  |
| *none* | *0* |  | *0* |  |
| vocational degree | 0.33 | \*\*\* | -0.05 |   |
| university or tech. college degree | 0.28 | \* | 0.01 |   |
| other post-secondary degree | 0.46 | \*\* | 0.01 |   |
| **survey wave** |  |  |  |  |
| *9* | *0* |  | *0* |  |
| 10 | 0.00 |   | -0.24 | \* |
| 11 | 0.10 |   | -0.15 |   |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |
| *1* | *0* |  | *0* |  |
| 2 | -0.19 |   | -0.06 |   |
| 3 | -0.05 |   | -0.01 |   |
| 4+ | 0.08 |   | 0.21 |   |
| **type of severe health impairment (multiple responses allowed)** |  |  |  |  |
| cardiovascular | -0.14 |   | 0.06 |   |
| musculoskeletal | -0.37 | \*\* | -0.13 |   |
| visual/ hearing | -0.58 | \*\* | -0.01 |   |
| cancer | 0.16 |   | -0.70 |   |
| metabolic | -0.15 |   | -0.17 |   |
| allergy | -0.08 |   | -0.20 |   |
| internal disease | -0.31 | \* | -0.50 | \* |
| mental disorder | -0.53 | \*\*\* | 0.16 |   |

TABLE A1 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| standard deviation of the unobserved heterogeneity distribution | 0.87 | \*\*\* | 0.86 | \*\*\* |
| correlation of unobserved heterogeneity | -0.29 |  |  |  |
|  |  |  |  |  |
| respondents | 3010 |  | 3010 |  |
| spells | 3230 |  | 3230 |  |
| job entries | 711 |  | 393 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 9-11 (2015-2017) linked to administrative data (IEB, LHG)

Non-employed basic income support recipients aged 15-64. Excluding students and people receiving retirement or incapacity pensions

TABLE A2.Competing risks hazard model for effects of degree of disability on employment entry rates. Log relative risks

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **constant** | -5.4001 | \*\*\* | -7.1129 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |
| 0-183 days | -0.0023 |   | -0.0007 |   |
| 183-365 days | -0.0030 | \*\*\* | -0.0025 | \* |
| 365-731 days | -0.0011 | \*\* | -0.0009 |   |
| 731-1096 days | 0.0002 |   | -0.0009 |   |
| 1096-1461 days | -0.0020 | \*\*\* | 0.0003 |   |
| 1461+ days | -0.0002 |   | -0.0003 |   |
| **family type** |  |  |  |  |
| single men |  |  |  |  |
| single women | -0.35 |   | 0.16 |   |
| lone fathers | -0.25 |   | 0.93 |   |
| lone mothers | 0.03 |   | 0.35 |   |
| men with a partner, no children | 0.23 |   | 0.30 |   |
| women with a partner, no children | -0.75 | \*\* | 0.02 |   |
| fathers with a partner | -0.13 |   | 0.63 | \* |
| mothers with a partner | -0.64 | \* | -0.11 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |
| 0-2 years | 0.25 |   | -0.32 |   |
| 3-5 years | 0.24 |   | -0.33 |   |
| 6-9 years |  |  |  |  |
| 10-14 years | 0.69 | \* | 0.09 |   |
| 15-17 years | 0.68 |   | -0.21 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |
| 0-2 years | -0.76 | \*\* | -0.45 |   |
| 3-5 years | -0.36 |   | -0.13 |   |
| 6-9 years |  |  |  |  |
| 10-14 years | -0.09 |   | -0.79 |   |
| 15-17 years | 0.53 |   | 0.31 |   |
| **interaction men/ own age** |  |  |  |  |
| 15-24 years | 0.11 |   | 0.35 |   |
| 25-34 years |  |  |  |  |
| 35-44 years | -0.38 | \*\* | 0.14 |   |
| 45-54 years | -0.84 | \*\*\* | -0.76 | \*\*\* |
| 55-64 years | -1.61 | \*\*\* | -0.46 | \* |
| **interaction women/ own age** |  |  |  |  |
| 15-24 years | 0.04 |   | 0.33 |   |
| 25-34 years |  |  |  |  |
| 35-44 years | -0.17 |   | 0.02 |   |
| 45-54 years | -0.36 |   | -0.07 |   |
| 55-64 years | -0.89 | \*\*\* | -0.80 | \*\* |
| **duration since last job (years)** | -0.08 | \*\*\* | -0.02 |   |
| **no last job** | -0.92 | \*\*\* | -0.52 | \*\* |
| **duration of current basic income support receipt (years)** | -0.03 |   | 0.03 |   |

TABLE A2 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **federal state** |  |  |  |  |
| Schleswig-Holstein | -0.01 |   | 0.29 |   |
| Hamburg | -0.22 |   | -0.40 |   |
| Niedersachsen | 0.03 |   | 0.16 |   |
| Bremen | -0.90 | \* | -0.11 |   |
| Nordrheinwestfalen |  |  |  |  |
| Hessen | 0.24 |   | -0.09 |   |
| Rheinland-Pfalz | 0.19 |   | 0.23 |   |
| Baden-Wuerttemberg | -0.16 |   | 0.10 |   |
| Bayern | -0.04 |   | 0.12 |   |
| Saarland | -0.04 |   | 0.12 |   |
| Berlin | 0.13 |   | -0.22 |   |
| Brandenburg | 0.24 |   | 0.17 |   |
| Mecklenburg-Vorpommern | 0.28 |   | 0.70 | \* |
| Sachsen | 0.16 |   | 0.04 |   |
| Sachsen-Anhalt | 0.22 |   | -0.39 |   |
| Thueringen | -0.15 |   | 0.42 |   |
| **missing: regional unemployment rate, July of previous year** | 0.69 |   | 0.12 |   |
| **regional unemployment rate (%), July of previous year** | -0.0231 |   | -0.0232 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | 0.25 | \* | 0.22 |   |
| **women: respondent or respondent's parents or grandparents immigrated**  | -0.20 |   | -0.05 |   |
| **post-secondary degree** |  |  |  |  |
| none |  |  |  |  |
| vocational degree | 0.35 | \*\*\* | -0.05 |   |
| university or tech. college degree | 0.28 | \* | 0.01 |   |
| other post-secondary degree | 0.45 | \*\* | -0.01 |   |
| **survey wave** |  |  |  |  |
| 9 |  |  |  |  |
| 10 | 0.00 |   | -0.24 | \* |
| 11 | 0.10 |   | -0.16 |   |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |
| *1* |  |  |  |  |
| 2 | -0.20 |   | -0.05 |   |
| 3 | -0.04 |   | 0.00 |   |
| 4+ | 0.06 |   | 0.20 |   |
| **degree of legally recognized disability** |  |  |  |  |
| 0 |  |  |  |  |
| 20 - 40 | -0.49 | \*\* | -0.02 |   |
| 50 - 100 | -0.46 | \*\* | -0.16 |   |
| **applied for recognition of disability** | -0.66 | \*\* | -0.08 |   |
| **other serious health impairment** | -0.61 | \*\*\* | -0.23 |   |

TABLE A2 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| standard deviation of the unobserved heterogeneity distribution | 0.84 | \*\*\* | 0.87 | \*\*\* |
| correlation of unobserved heterogeneity | -0.42 |   |  |  |
|  |  |  |  |  |
| respondents | 3010 |  | 3010 |  |
| spells | 3230 |  | 3230 |  |
| job entries | 711 |  | 393 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 9-11 (2015-2017) linked to administrative data (IEB, LHG)

Non-employed basic income support recipients aged 15-64. Excluding students and people receiving retirement or incapacity pensions

TABLE A3. Competing risks hazard model for effects of health restrictions on tasks or work hours on employment entry rates. Log relative risks

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **constant** | -5.2868 | \*\*\* | -7.0906 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |
| 0-183 days | -0.0024 |   | -0.0002 |   |
| 183-365 days | -0.0028 | \*\*\* | -0.0023 | \* |
| 365-731 days | -0.0009 | \* | -0.0008 |   |
| 731-1096 days | 0.0003 |   | -0.0010 |   |
| 1096-1461 days | -0.0019 | \*\*\* | 0.0002 |   |
| 1461+ days | -0.0002 |   | -0.0003 |   |
| **family type** |  |  |  |  |
| *single men* | *0* |  | *0* |  |
| single women | -0.30 |   | 0.16 |   |
| lone fathers | -0.25 |   | 1.03 |   |
| lone mothers | 0.05 |   | 0.33 |   |
| men with a partner, no children | 0.30 |   | 0.30 |   |
| women with a partner, no children | -0.71 | \*\* | 0.00 |   |
| fathers with a partner | -0.14 |   | 0.64 | \* |
| mothers with a partner | -0.49 |   | -0.09 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |
| 0-2 years | 0.24 |   | -0.38 |   |
| 3-5 years | 0.25 |   | -0.34 |   |
| *6-9 years* | *0* |  | *0* |  |
| 10-14 years | 0.59 |   | -0.04 |   |
| 15-17 years | 0.77 |   | -0.24 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |
| 0-2 years | -0.81 | \*\*\* | -0.45 |   |
| 3-5 years | -0.38 |   | -0.13 |   |
| *6-9 years* | *0* |  | *0* |  |
| 10-14 years | -0.01 |   | -0.77 |   |
| 15-17 years | 0.63 |   | 0.35 |   |
| **interaction men/ own age** |  |  |  |  |
| 15-24 years | 0.09 |   | 0.31 |   |
| *25-34 years* | *0* |  | *0* |  |
| 35-44 years | -0.37 | \*\* | 0.12 |   |
| 45-54 years | -0.77 | \*\*\* | -0.74 | \*\*\* |
| 55-64 years | -1.56 | \*\*\* | -0.43 |   |
| **interaction women/ own age** |  |  |  |  |
| 15-24 years | 0.05 |   | 0.34 |   |
| *25-34 years* | *0* |  | *0* |  |
| 35-44 years | -0.09 |   | 0.02 |   |
| 45-54 years | -0.22 |   | -0.04 |   |
| 55-64 years | -0.71 | \*\* | -0.76 | \*\* |
| **duration since last job (years)** | -0.07 | \*\*\* | -0.02 |   |
| **no last job** | -0.90 | \*\*\* | -0.51 | \*\* |
| **duration of current basic income support receipt (years)** | -0.03 |   | 0.02 |   |

TABLE A3 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **federal state** |  |  |  |  |
| Schleswig-Holstein | 0.04 |   | 0.30 |   |
| Hamburg | -0.26 |   | -0.41 |   |
| Niedersachsen | 0.02 |   | 0.14 |   |
| Bremen | -0.89 | \* | -0.14 |   |
| *Nordrheinwestfalen* | *0* |  | *0* |  |
| Hessen | 0.23 |   | -0.10 |   |
| Rheinland-Pfalz | 0.26 |   | 0.22 |   |
| Baden-Wuerttemberg | -0.13 |   | 0.06 |   |
| Bayern | 0.04 |   | 0.15 |   |
| Saarland | -0.03 |   | 0.10 |   |
| Berlin | 0.12 |   | -0.28 |   |
| Brandenburg | 0.15 |   | 0.10 |   |
| Mecklenburg-Vorpommern | 0.35 |   | 0.67 | \* |
| Sachsen | 0.10 |   | 0.04 |   |
| Sachsen-Anhalt | 0.17 |   | -0.36 |   |
| Thueringen | -0.19 |   | 0.41 |   |
| **missing: regional unemployment rate, July of previous year** | 0.58 |   | 0.08 |   |
| **regional unemployment rate (%), July of previous year** | -0.0280 |   | -0.0318 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | 0.22 |   | 0.19 |   |
| **women: respondent or respondent's parents or grandparents immigrated**  | -0.18 |   | -0.04 |   |
| **post-secondary degree** |  |  |  |  |
| *none* | *0* |  | *0* |  |
| vocational degree | 0.27 | \*\* | -0.08 |   |
| university or tech. college degree | 0.18 |   | -0.04 |   |
| other post-secondary degree | 0.40 | \* | 0.00 |   |
| **survey wave** |  |  |  |  |
| *9* | *0* |  | *0* |  |
| 10 | 0.03 |   | -0.25 | \* |
| 11 | 0.10 |   | -0.17 |   |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |
| *1* | *0* |  | *0* |  |
| 2 | -0.18 |   | -0.05 |   |
| 3 | -0.08 |   | -0.05 |   |
| 4+ | 0.02 |   | 0.17 |   |

TABLE A3 continued

|  |  |  |
| --- | --- | --- |
|  | **insured job** | **minijob** |
| **self-rated employment restrictions for health reasons** |  |  |  |  |
| restrictions concerning tasks | -0.45 | \*\*\* | -0.44 | \* |
| restrictions concerning hours per day | -1.18 | \*\*\* | -0.33 |   |
| restrictions concerning both tasks and hours | -0.99 | \*\*\* | -0.17 |   |
| *capable of employment without restriction* | *0* |  | *0* |  |
| not capable of employment | -2.06 | \*\*\* | -0.50 | \*\* |
| missing | 0.02 |   | 0.50 | \*\*\* |
|  |  |  |  |  |
| standard deviation of the unobserved heterogeneity distribution | 0.77 | \*\*\* | 0.85 | \*\*\* |
| correlation of unobserved heterogeneity | -0.47 |   |  |  |
|  |  |  |  |  |
| respondents | 3010 |  | 3010 |  |
| spells | 3230 |  | 3230 |  |
| job entries | 711 |  | 393 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 9-11 (2015-2017) linked to administrative data (IEB, LHG)

Non-employed basic income support recipients aged 15-64. Excluding students and people receiving retirement or incapacity pensions

TABLE A4. Effects of jobcentre counselling frequency on employment entries, controlling for correlation with unobserved heterogeneity in selection into jobcentre counselling frequency. Jobseekers only. Basic income support recipients without severe health impairments.

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| threshold 1 | -0.8998 | \*\*\* |  |  |  |  |
| threshold 2 | 1.7379 | \*\*\* |  |  |  |  |
| **constant** |  |  | -6.4671 | \*\*\* | -6.3353 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |  |  |
| 0-183 days |  |  | -0.0026 | \*\* | -0.0021 |   |
| 183-365 days |  |  | -0.0018 | \*\* | -0.0013 |   |
| 365-731 days |  |  | -0.0014 | \*\*\* | -0.0009 |   |
| 731-1096 days |  |  | 0.0001 |   | -0.0014 | \*\* |
| 1096-1461 days |  |  | -0.0015 | \*\* | -0.0005 |   |
| 1461+ days |  |  | -0.0003 |   | 0.0000 |   |
| **family type** |  |  |  |  |  |  |
| *single men* | *0* |  | *0* |  | *0* |  |
| single women | 0.34 | \* | -0.26 |   | 0.23 |   |
| lone fathers | 0.90 | \*\* | -0.16 |   | 1.51 | \*\*\* |
| lone mothers | 0.23 |   | -0.34 |   | 0.58 | \*\* |
| men with a partner, no children | 0.13 |   | 0.41 | \*\* | 0.30 |   |
| women with a partner, no children | -0.04 |   | -0.66 | \*\* | 0.04 |   |
| fathers with a partner | 0.23 |   | 0.13 |   | 0.53 | \* |
| mothers with a partner | 0.20 |   | -0.42 |   | 0.26 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | -0.31 |   | -0.06 |   | -0.42 |   |
| 3-5 years | -0.04 |   | 0.17 |   | -1.04 | \*\* |
| *6-9 years* | *0* |  | *0* |  | *0* |  |
| 10-14 years | 0.33 |   | 0.35 |   | -0.29 |   |
| 15-17 years | 0.10 |   | 0.74 |   | -0.59 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | -0.61 | \*\*\* | -0.05 |   | -0.64 | \*\* |
| 3-5 years | -0.17 |   | -0.09 |   | 0.02 |   |
| *6-9 years* | *0* |  | *0* |  | *0* |  |
| 10-14 years | -0.17 |   | 0.03 |   | -0.07 |   |
| 15-17 years | 0.00 |   | -0.12 |   | -0.03 |   |
| **interaction men/ own age** |  |  |  |  |  |  |
| 15-24 years | 0.43 | \*\* | 0.12 |   | 0.01 |   |
| *25-34 years* | *0* |  | *0* |  | *0* |  |
| 35-44 years | -0.19 |   | -0.08 |   | -0.30 |   |
| 45-54 years | -0.33 | \*\* | -0.67 | \*\*\* | -0.31 |   |
| 55-64 years | -0.62 | \*\*\* | -1.48 | \*\*\* | -0.58 | \*\* |

TABLE A4 continued

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **interaction women/ own age** |  |  |  |  |  |  |
| 15-24 years | 0.15 |   | 0.11 |   | -0.04 |   |
| *25-34 years* | *0* |  | *0* |  | *0* |  |
| 35-44 years | -0.20 |   | 0.07 |   | -0.02 |   |
| 45-54 years | -0.16 |   | 0.05 |   | 0.69 | \*\*\* |
| 55-64 years | -0.74 | \*\*\* | -0.82 | \*\*\* | -0.66 |   |
| **duration since last job (years)** | -0.01 |   | -0.04 | \*\* | -0.02 |   |
| **no last job** | -0.31 | \*\* | -0.61 | \*\*\* | -0.31 |   |
| **duration of current basic income support receipt (years)** | -0.07 | \*\*\* | -0.05 | \*\*\* | 0.06 | \*\* |
| **federal state** |  |  |  |  |  |  |
| Schleswig-Holstein | 0.13 |   | -0.55 | \*\* | 0.33 |   |
| Hamburg | 0.03 |   | -0.25 |   | -0.43 |   |
| Niedersachsen | 0.17 |   | -0.03 |   | 0.19 |   |
| Bremen | -0.23 |   | -0.36 |   | 0.13 |   |
| *Nordrheinwestfalen* | *0* |  | *0* |  | *0* |  |
| Hessen | 0.05 |   | 0.28 |   | 0.11 |   |
| Rheinland-Pfalz | -0.19 |   | 0.03 |   | 0.26 |   |
| Baden-Wuerttemberg | -0.04 |   | 0.31 | \* | 0.05 |   |
| Bayern | -0.03 |   | 0.26 |   | 0.21 |   |
| Saarland | -0.08 |   | -0.23 |   | -0.02 |   |
| Berlin | 0.08 |   | -0.01 |   | 0.11 |   |
| Brandenburg | 0.18 |   | 0.16 |   | 0.17 |   |
| Mecklenburg-Vorpommern | 0.42 |   | 0.33 |   | 0.91 | \*\*\* |
| Sachsen | 0.07 |   | 0.04 |   | 0.29 |   |
| Sachsen-Anhalt | -0.23 |   | 0.27 |   | -0.20 |   |
| Thueringen | 0.35 |   | 0.18 |   | 0.02 |   |
| **missing: regional unemployment rate, July of previous year** | 0.15 |   | -0.08 |   | -0.53 |   |
| **regional unemployment rate (%), July of previous year** | 0.0105 |   | 0.0018 |   | -0.0232 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | -0.06 |   | 0.30 | \*\* | 0.60 | \*\*\* |
| **women: respondent or respondent's parents or grandparents immigrated**  | -0.32 | \*\*\* | -0.12 |   | 0.19 |   |
| **post-secondary degree** |  |  |  |  |  |  |
| *none* | *0* |  | *0* |  | *0* |  |
| vocational degree | 0.08 |   | 0.33 | \*\*\* | -0.22 | \* |
| university or tech. college degree | 0.21 | \* | 0.39 | \*\*\* | -0.46 | \*\* |
| other post-secondary degree | -0.16 |   | 0.33 |   | -0.25 |   |

TABLE A4 continued

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **survey wave** |  |  |  |  |  |  |
| *4* | *0* |  | *0* |  | *0* |  |
| 5 | -0.34 | \*\*\* | 0.18 |   | -0.09 |   |
| 6 | -0.44 | \*\*\* | 0.15 |   | -0.14 |   |
| 8 | -0.23 | \* | 0.00 |   | -0.40 | \*\* |
| 9 | -0.10 |   | 0.32 | \*\* | -0.53 | \*\*\* |
| 10 | -0.36 | \*\* | 0.24 |   | -0.62 | \*\*\* |
| 11 | -0.22 |   | 0.36 | \*\* | -0.73 | \*\*\* |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |  |  |
| *1* | *0* |  | *0* |  | *0* |  |
| 2 | 0.06 |   | -0.02 |   | -0.08 |   |
| 3 | 0.03 |   | 0.01 |   | -0.12 |   |
| 4+ | 0.03 |   | 0.22 | \* | 0.17 |   |
| **jobcentre counselling frequency** |  |  |  |  |  |  |
| *no counselling* |  |  | *0* |  | *0* |  |
| 1-4 counsellings/ year |  |  | 0.15 |   | -0.08 |   |
| >=5 counsellings/ year |  |  | 0.43 | \*\* | -0.17 |   |
| **Job search requirement** | 1.04 | \*\*\* | 0.17 |   | -0.09 |   |
|  |  |  |  |  |  |  |
| **standard deviation of unobserved heterogeneity distribution** | 0.83 | \*\*\* | 0.79 | \*\*\* | 0.69 | \*\*\* |
| **correlations of unobserved heterogeneity distributions** |  |  |  |  |  |  |
| counselling frequency/ entry into insured job | -0.27 |   |  |  |  |  |
| counselling frequency/ entry into minijob | -0.15 |   |  |  |  |  |
| entry into insured job/ entry into minijob | -0.47 |   |  |  |  |  |
|  |  |  |  |  |  |  |
| respondents | 3017 |  | 3017 |  | 3017 |  |
| observations | 4592 |  |  |  |  |  |
| spells |  |  | 3712 |  | 3712 |  |
| job entries |  |  | 1013 |  | 618 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 4-6, 8-11 (2010-2012, 2014-2017) linked to administrative data (IEB, LHG)

Non-employed basic income support recipients aged 15-64. Excluding students and people receiving retirement or incapacity pensions

TABLE A5. Effects of jobcentre counselling frequency on employment entries, controlling for correlation with unobserved heterogeneity in selection into jobcentre counselling frequency. Jobseekers only. Basic income support recipients with severe health impairments.

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| threshold 1 | -1.83 | \*\*\* |  |  |  |  |
| threshold 2 | 1.06 | \*\*\* |  |  |  |  |
| **constant** |  |  | -7.19 | \*\*\* | -7.61 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |  |  |
| 0-183 days |  |  | -0.0014 |   | -0.0011 |   |
| 183-365 days |  |  | -0.0032 | \*\* | -0.0051 | \*\*\* |
| 365-731 days |  |  | -0.0011 | \* | -0.0011 |   |
| 731-1096 days |  |  | -0.0005 |   | 0.0016 | \* |
| 1096-1461 days |  |  | -0.0008 |   | -0.0023 | \*\* |
| 1461+ days |  |  | -0.0003 |   | -0.0003 |   |
| **family type** |  |  |  |  |  |  |
| single men | *0* |  | *0* |  | *0* |  |
| single women | 0.07 |   | 0.13 |   | 0.11 |   |
| lone fathers | -0.92 |   | 0.33 |   | -0.08 |   |
| lone mothers | 0.38 |   | -0.69 |   | 1.05 | \*\* |
| men with a partner, no children | -0.10 |   | 0.31 |   | 0.19 |   |
| women with a partner, no children | -0.28 |   | 0.26 |   | -0.29 |   |
| fathers with a partner | -0.63 | \*\* | 0.57 |   | 1.54 | \*\*\* |
| mothers with a partner | 0.17 |   | -1.46 | \*\* | 1.06 | \*\* |
| **interaction fathers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | 0.55 |   | 0.23 |   | -1.12 | \* |
| 3-5 years | 0.77 | \* | 0.11 |   | -0.47 |   |
| 6-9 years | *0* |  | *0* |  | *0* |  |
| 10-14 years | 0.42 |   | 0.45 |   | -0.51 |   |
| 15-17 years | 1.93 | \*\*\* | -0.43 |   | -1.29 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | -1.51 | \*\*\* | 0.73 |   | -0.99 |   |
| 3-5 years | -0.58 |   | 0.62 |   | -0.04 |   |
| 6-9 years | *0* |  | *0* |  | *0* |  |
| 10-14 years | -0.02 |   | 0.85 | \* | -1.25 | \*\*\* |
| 15-17 years | 0.01 |   | 1.20 | \*\* | -0.62 |   |
| **interaction men/ own age** |  |  |  |  |  |  |
| 15-24 years | 0.16 |   | 0.19 |   | -1.20 |   |
| 25-34 years | *0* |  | *0* |  | *0* |  |
| 35-44 years | -0.24 |   | -0.31 |   | 0.06 |   |
| 45-54 years | -0.40 | \*\* | -0.43 | \*\* | -0.33 |   |
| 55-64 years | -0.90 | \*\*\* | -1.11 | \*\*\* | -0.04 |   |

TABLE A5 continued

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **interaction women/ own age** |  |  |  |  |  |  |
| 15-24 years | 0.55 |   | -0.11 |   | 0.56 |   |
| 25-34 years | *0* |  | *0* |  | *0* |  |
| 35-44 years | -0.12 |   | -0.05 |   | -0.07 |   |
| 45-54 years | -0.47 | \* | -0.28 |   | 0.03 |   |
| 55-64 years | -0.62 | \*\* | -1.37 | \*\*\* | -0.45 |   |
| **duration since last job (years)** | -0.02 | \* | -0.06 | \*\*\* | -0.09 | \*\* |
| **no last job** | -0.69 | \*\*\* | -1.07 | \*\*\* | -0.97 | \*\* |
| **duration of current basic income support receipt (years)** | -0.06 | \*\*\* | -0.06 | \*\* | 0.01 |   |
| **federal state** |  |  |  |  |  |  |
| Schleswig-Holstein | -0.49 | \* | 0.24 |   | 0.07 |   |
| Hamburg | 0.28 |   | 0.22 |   | 0.37 |   |
| Niedersachsen | -0.12 |   | 0.27 |   | -0.08 |   |
| Bremen | -0.80 |   | -0.66 |   | 0.86 |   |
| Nordrheinwestfalen | *0* |  | *0* |  | *0* |  |
| Hessen | -0.20 |   | 0.55 | \* | -0.26 |   |
| Rheinland-Pfalz | -0.37 |   | 0.17 |   | 0.29 |   |
| Baden-Wuerttemberg | -0.30 |   | -0.01 |   | 0.27 |   |
| Bayern | -0.28 |   | 0.48 | \*\* | 0.17 |   |
| Saarland | 0.41 |   | 0.26 |   | -0.99 |   |
| Berlin | -0.19 |   | 0.41 |   | -0.52 |   |
| Brandenburg | 0.26 |   | 0.11 |   | -0.44 |   |
| Mecklenburg-Vorpommern | 0.03 |   | -0.19 |   | 0.37 |   |
| Sachsen | -0.11 |   | -0.03 |   | -0.25 |   |
| Sachsen-Anhalt | 0.07 |   | -0.31 |   | -0.17 |   |
| Thueringen | 0.31 |   | -0.14 |   | -0.15 |   |
| **missing: regional unemployment rate, July of previous year** | 0.09 |   | 0.62 |   | -2.05 | \* |
| **regional unemployment rate (%), July of previous year** | -0.0101 |   | 0.0127 |   | 0.0219 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | -0.02 |   | -0.16 |   | -0.39 |   |
| **women: respondent or respondent's parents or grandparents immigrated**  | -0.26 |   | -0.19 |   | 0.36 |   |
| **degree of legally recognized disability** |  |  |  |  |  |  |
| none | *0* |  | *0* |  | *0* |  |
| 20 - 40 | -0.15 |   | -0.06 |   | 0.17 |   |
| 50 - 100 | 0.08 |   | -0.22 |   | 0.22 |   |
| applied for recognition of disability | 0.14 |   | -0.19 |   | 0.05 |  |
| **post-secondary degree** |  |  |  |  |  |  |
| none | *0* |  | *0* |  | *0* |  |
| vocational degree | 0.18 | \* | 0.36 | \*\* | 0.10 |   |
| university or tech. college degree | 0.68 | \*\*\* | 0.29 |   | 0.06 |   |
| other post-secondary degree | 0.16 |   | 0.85 | \*\* | -0.79 |   |

TABLE A5 continued

|  |  |  |
| --- | --- | --- |
|  | **ordered logit model for counselling intensity** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **survey wave** |  |  |  |  |  |  |
| 4 | *0* |  | *0* |  | *0* |  |
| 5 | -0.31 | \*\* | 0.00 |   | -0.13 |   |
| 6 | -0.12 |   | -0.04 |   | -0.01 |   |
| 8 | -0.29 | \* | 0.00 |   | 0.03 |   |
| 9 | -0.17 |   | 0.00 |   | -0.24 |   |
| 10 | -0.25 |   | 0.04 |   | -0.68 | \*\* |
| 11 | -0.11 |   | 0.20 |   | -0.10 |   |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |  |  |
| *1* | *0* |  | *0* |  | *0* |  |
| 2 | 0.01 |   | -0.12 |   | -0.13 |   |
| 3 | 0.23 |   | 0.11 |   | -0.09 |   |
| 4+ | 0.10 |   | 0.32 | \* | -0.01 |   |
| **jobcentre counselling frequency** |  |  |  |  |  |  |
| No counselling | *0* |  | *0* |  | *0* |  |
| 1-4 counsellings/ year |  |  | 0.18 |   | 0.28 |   |
| >=5 counsellings/ year |  |  | 0.17 |   | 0.26 |   |
| **job search requirement** | 0.66 | \*\*\* | 0.49 | \*\*\* | 0.23 |  |
|  |  |  |  |  |  |  |
| **standard deviation of unobserved heterogeneity distribution** | 1.01 | \*\*\* | 0.80\*\*\* |
| interaction parameter: standard deviation of heterogeneity |  |  | *1* |  | -1.36 | \*\*\* |
| **correlations of unobserved heterogeneity distributions** |  |  |  |  |  |  |
| counselling frequency/ entry into employment | -0.04 |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| respondents | 2114 |  | 2114 |  | 2114 |  |
| observations | 3599 |  |  |  |  |  |
| spells |  |  | 2723 |  | 2723 |  |
| job entries |  |  | 481 |  | 344 |  |
|  |  |  |  |  |  |  |
| legend: \* p<.1; \*\* p<.05; \*\*\* p<.01 |  |  |  |  |  |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 4-6, 8-11 (2010-2012, 2014-2017) linked to administrative data (IEB, LHG)

Non-employed basic income support recipients aged 15-64. Excluding students and people receiving retirement or incapacity pensions

TABLE A6. Effects of case management on employment entries, controlling for correlation with unobserved heterogeneity in selection into case management. Jobseekers only. Basic income support recipients without severe health impairments.

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **Constant** | -5.1005 | \*\*\* | -6.1982 | \*\*\* | -6.4683 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |  |  |
| 0-183 days |  |  | -0.0023 |   | -0.0035 |   |
| 183-365 days |  |  | -0.0023 | \*\* | -0.0006 |   |
| 365-731 days |  |  | -0.0012 | \*\* | -0.0013 | \*\* |
| 731-1096 days |  |  | -0.0006 |   | -0.0013 |   |
| 1096-1461 days |  |  | -0.0012 | \* | -0.0004 |   |
| 1461+ days |  |  | -0.0002 |   | 0.0001 |   |
| **family type** |  |  |  |  |  |  |
| *single men* | *0* |  | *0* |  | *0* |  |
| single women | -1.83 | \*\* | -0.25 |   | 0.45 |   |
| lone fathers | -2.28 |   | -0.52 |   | 1.57 | \*\*\* |
| lone mothers | -3.33 | \*\*\* | -0.37 |   | 0.56 | \* |
| men with a partner, no children | -1.40 |   | 0.44 | \*\* | 0.18 |   |
| women with a partner, no children | -2.13 | \* | -0.72 | \*\* | 0.35 |   |
| fathers with a partner | 0.91 |   | 0.10 |   | 0.50 |   |
| mothers with a partner | -3.19 | \*\*\* | -0.42 |   | 0.39 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | -0.71 |   | -0.23 |   | -0.45 |   |
| 3-5 years | -0.17 |   | 0.27 |   | -0.88 | \* |
| *6-9 years* | *0* |  | *0* |  | *0* |  |
| 10-14 years | -1.30 |   | 0.72 | \*\* | -0.27 |   |
| 15-17 years | 5.90 | \*\* | 0.92 |   | -0.54 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | -0.39 |   | -0.12 |   | -0.74 | \*\* |
| 3-5 years | 0.61 |   | -0.15 |   | 0.05 |   |
| *6-9 years* | *0* |  | *0* |  | *0* |  |
| 10-14 years | 0.80 |   | -0.12 |   | 0.14 |   |
| 15-17 years | 0.87 |   | -0.03 |   | 0.28 |   |
| **interaction men/ own age** |  |  |  |  |  |  |
| 15-24 years | 1.16 |   | 0.19 |   | 0.21 |   |
| *25-34 years* | *0* |  | *0* |  | *0* |  |
| 35-44 years | -1.12 | \* | -0.06 |   | -0.27 |   |
| 45-54 years | -1.15 | \* | -0.64 | \*\*\* | -0.35 |   |
| 55-64 years | -1.79 | \*\*\* | -1.41 | \*\*\* | -0.39 |   |

TABLE A6 continued

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **interaction women/ own age** |  |  |  |  |  |  |
| 15-24 years | 0.18 |   | 0.18 |   | -0.28 |   |
| *25-34 years* | *0* |  | *0* |  | *0* |  |
| 35-44 years | 0.48 |   | 0.20 |   | -0.09 |   |
| 45-54 years | -1.18 |   | 0.10 |   | -0.05 |   |
| 55-64 years | -0.03 |   | -0.70 | \*\* | -0.21 |   |
| **duration since last job (years)** | 0.06 |   | -0.04 | \*\*\* | -0.04 | \* |
| **no last job** | -0.76 |   | -0.64 | \*\*\* | -0.26 |   |
| **duration of current basic income support receipt (years)** | 0.35 | \*\*\* | -0.07 | \*\*\* | 0.06 | \*\* |
| **federal state** |  |  |  |  |  |  |
| Schleswig-Holstein | 2.60 | \*\*\* | -0.47 | \* | 0.38 |   |
| Hamburg | -6.29 | \*\*\* | -0.24 |   | -0.34 |   |
| Niedersachsen | -4.60 | \*\*\* | -0.01 |   | 0.22 |   |
| Bremen | -9.81 | \*\*\* | -0.26 |   | 0.27 |   |
| *Nordrheinwestfalen (/Saarland)* | *0* |  | *0* |  | *0* |  |
| Hessen | 3.42 | \*\*\* | 0.34 |   | 0.20 |   |
| Rheinland-Pfalz | 1.64 | \* | 0.09 |   | 0.31 |   |
| Baden-Wuerttemberg | -0.50 |   | 0.22 |   | 0.20 |   |
| Bayern | -4.07 | \*\*\* | 0.34 | \* | 0.27 |   |
| Saarland | -0.55 |   | -0.11 |   |  |  |
| Berlin | -6.66 | \*\*\* | 0.07 |   | 0.18 |   |
| Brandenburg | -0.63 |   | 0.27 |   | 0.30 |   |
| Mecklenburg-Vorpommern | -8.87 | \*\*\* | 0.40 |   | 1.02 | \*\*\* |
| Sachsen | -3.51 | \*\*\* | 0.04 |   | 0.34 |   |
| Sachsen-Anhalt | -6.75 | \*\*\* | 0.57 | \*\*\* | -0.30 |   |
| Thueringen | -2.04 | \* | 0.19 |   | 0.11 |   |
| **missing: regional unemployment rate, July of previous year** | 2.21 |   | -0.22 |   | -0.53 |   |
| **regional unemployment rate (%), July of previous year** | 0.1261 |   | -0.0056 |   | -0.0230 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | -2.83 | \*\*\* | 0.20 |   | 0.67 | \*\*\* |
| **women: respondent or respondent's parents or grandparents immigrated**  | 0.09 |   | -0.22 |   | 0.21 |   |
| **post-secondary degree** |  |  |  |  |  |  |
| *none* | *0* |  | *0* |  | *0* |  |
| vocational degree | -1.56 | \*\*\* | 0.36 | \*\*\* | -0.19 |   |
| university or tech. college degree | -0.87 |   | 0.39 | \*\*\* | -0.39 | \*\* |
| other post-secondary degree | -0.72 |   | 0.45 | \* | -0.26 |   |

TABLE A6 continued

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  | **insured job** | **minijob** |
| **survey wave** |  |  |  |  |  |  |
| *4* | *0* |  | *0* |  | *0* |  |
| 5 | 1.20 | \*\*\* | 0.25 | \* | -0.11 |   |
| 6 | 1.56 | \*\*\* | 0.32 | \*\* | -0.10 |   |
| 8 | 1.19 | \*\* | 0.02 |   | -0.49 | \*\* |
| 9 | 0.87 |   | 0.41 | \*\* | -0.54 | \*\* |
| 10 | 1.18 | \*\* | 0.26 |   | -0.54 | \*\* |
| 11 | -0.32 |   | 0.39 | \*\* | -0.61 | \*\* |
| **# spell of benefit receipt while not employed since December 2006** |  |  |  |  |  |  |
| *1* | *0* |  | *0* |  | *0* |  |
| 2 | -0.45 |   | -0.07 |   | 0.01 |   |
| 3 | 0.14 |   | -0.13 |   | -0.15 |   |
| 4+ | 0.84 |   | 0.12 |   | 0.14 |   |
| **case management** |  |  | -0.04 |   | 0.21 |   |
| **job search requirement** | -0.01 |   | 0.19 |   | -0.03 |   |
|  |  |  |  |  |  |  |
| **standard deviation of unobserved heterogeneity distribution** | 7.55 | \*\*\* | 0.73 | \*\*\* | 0.66 | \*\*\* |
| **correlations of unobserved heterogeneity distributions** |  |  |  |  |  |  |
| case management/ entry into insured job | 0.00 |   |  |  |  |  |
| case management/ entry into minijob | -0.01 |   |  |  |  |  |
| entry into insured job/ entry into minijob | -0.60 |   |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| respondents | 2450 |  | 2450 |  | 2450 |  |
| observations | 3639 |  |  |  |  |  |
| spells |  |  | 2956 |  | 2956 |  |
| job entries |  |  | 796 |  | 493 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 4-6, 8-11 (2010-2012, 2014-2017) linked to administrative data (IEB, LHG, DWH)

Non-employed basic income support recipients aged 15-64. Excluding students, people receiving retirement or incapacity pensions and jobcentres run by municipalities alone

TABLE A7. Effects of case management on employment entries, controlling for correlation with unobserved heterogeneity in selection into case management. Jobseekers only. Basic income support recipients with severe health impairments.

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  |  |  | **insured job** | **minijob** |
| **constant** | -2.31 | \* | -7.42 | \*\*\* | -7.50 | \*\*\* |
| **baseline duration (spline slopes)** |  |  |  |  |  |  |
| 0-183 days |  |  | -0.0014 |   | -0.0019 |   |
| 183-365 days |  |  | -0.0026 | \* | -0.0046 | \*\* |
| 365-731 days |  |  | -0.0019 | \*\*\* | -0.0014 |   |
| 731-1096 days |  |  | -0.0001 |   | 0.0021 | \* |
| 1096-1461 days |  |  | -0.0007 |   | -0.0029 | \*\*\* |
| 1461+ days |  |  | -0.0002 |   | -0.0001 |   |
| **family type** |  |  |  |  |  |  |
| single men | *0* |  | *0* |  | *0* |  |
| single women | 4.42 | \*\*\* | 0.16 |   | -0.09 |   |
| lone fathers | 4.51 |   | 0.22 |   | 0.33 |   |
| lone mothers | 1.01 |   | -0.80 |   | 1.01 | \*\* |
| men with a partner, no children | -0.02 |   | 0.10 |   | 0.24 |   |
| women with a partner, no children | 2.19 | \* | 0.47 |   | -0.37 |   |
| fathers with a partner | 1.96 |   | 0.70 |   | 1.78 | \*\*\* |
| mothers with a partner | -3.51 | \* | -1.61 | \*\* | 0.56 |   |
| **interaction fathers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | 1.80 |   | 0.33 |   | -1.74 | \*\* |
| 3-5 years | -1.09 |   | -0.09 |   | -0.54 |   |
| 6-9 years | *0* |  | *0* |  | *0* |  |
| 10-14 years | -4.11 |   | 0.21 |   | -0.53 |   |
| 15-17 years | -4.76 |   | -0.71 |   | -1.41 |   |
| **interaction mothers/ age of the youngest child** |  |  |  |  |  |  |
| 0-2 years | 1.16 |   | 0.95 |   | -0.89 |   |
| 3-5 years | 3.03 | \*\* | 0.94 | \* | 0.02 |   |
| 6-9 years | *0* |  | *0* |  | *0* |  |
| 10-14 years | 3.33 | \*\* | 0.90 |   | -1.43 | \*\*\* |
| 15-17 years | 1.17 |   | 1.48 | \*\*\* | -0.87 |   |
| **interaction men/ own age** |  |  |  |  |  |  |
| 15-24 years | -1.45 |   | 0.38 |   | -1.17 |   |
| 25-34 years | *0* |  | *0* |  | *0* |  |
| 35-44 years | 0.24 |   | -0.20 |   | 0.06 |   |
| 45-54 years | -0.84 |   | -0.25 |   | -0.34 |   |
| 55-64 years | 0.26 |   | -0.95 | \*\*\* | -0.24 |   |
| **interaction women/ own age** |  |  |  |  |  |  |
| 15-24 years | -0.17 |   | -0.03 |   | 0.53 |   |
| 25-34 years | *0* |  | *0* |  | *0* |  |
| 35-44 years | -1.94 | \*\* | -0.07 |   | 0.07 |   |
| 45-54 years | -2.91 | \*\*\* | -0.23 |   | 0.22 |   |
| 55-64 years | -4.01 | \*\*\* | -1.25 | \*\*\* | -0.48 |   |

TABLE A7 continued

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  |  |  | **insured job** | **minijob** |
| **duration since last job (years)** | 0.10 | \*\*\* | -0.08 | \*\*\* | -0.08 | \* |
| **no last job** | 0.16 |   | -1.09 | \*\* | -0.84 | \* |
| **duration of current basic income support receipt (years)** | 0.28 | \*\*\* | -0.06 | \* | 0.02 |   |
| **federal state** |  |  |  |  |  |  |
| Schleswig-Holstein | 0.50 |   | 0.39 |   | 0.18 |   |
| Hamburg | -8.65 | \*\*\* | 0.30 |   | 0.43 |   |
| Niedersachsen | -6.20 | \*\*\* | 0.27 |   | 0.08 |   |
| Bremen | -5.55 | \*\* | -0.62 |   | 0.96 |   |
| Nordrheinwestfalen (/Saarland) | *0* |  | *0* |  | *0* |  |
| Hessen | 1.24 |   | 0.49 |   | 0.08 |   |
| Rheinland-Pfalz | -1.22 |   | 0.28 |   | 0.39 |   |
| Baden-Wuerttemberg | -2.75 | \*\*\* | 0.21 |   | 0.45 |   |
| Bayern | -3.25 | \*\*\* | 0.68 | \*\* | 0.29 |   |
| Saarland | -3.52 | \* | 0.44 |   |  |  |
| Berlin | -4.67 | \*\*\* | 0.40 |   | -0.44 |   |
| Brandenburg | -1.45 |   | 0.22 |   | -0.48 |   |
| Mecklenburg-Vorpommern | -6.72 | \*\*\* | -0.12 |   | 0.20 |   |
| Sachsen | -2.44 | \*\*\* | -0.18 |   | 0.18 |   |
| Sachsen-Anhalt | -6.90 | \*\*\* | -0.39 |   | -0.07 |   |
| Thueringen | -3.74 | \*\*\* | 0.00 |   | -0.15 |   |
| **missing: regional unemployment rate, July of previous year** | -1.21 |   | 0.91 |   | -1.92 |   |
| **regional unemployment rate (%), July of previous year** | -0.2237 | \*\*\* | 0.0352 |   | 0.0175 |   |
| **men: respondent or respondent's parents or grandparents immigrated**  | 1.10 | \* | -0.24 |   | -0.49 | \* |
| **women: respondent or respondent's parents or grandparents immigrated**  | 1.45 | \*\* | -0.13 |   | 0.37 |   |
| **degree of legally recognized disability** |   |   |   |   |   |   |
| none | *0* |  | *0* |  | *0* |  |
| 20 - 40 | 0.23 |   | -0.02 |   | 0.21 |   |
| 50 - 100 | 0.84 | \* | -0.31 |   | 0.37 |   |
| applied for recognition of disability | 1.02 | \*\* | -0.22 |   | 0.11 |   |
| **post-secondary degree** |   |   |   |   |   |   |
| none | *0* |  | *0* |  | *0* |  |
| vocational degree | -0.71 |   | 0.36 | \*\* | 0.12 |   |
| university or tech. college degree | -1.03 |   | 0.17 |   | 0.13 |   |
| other post-secondary degree | -0.51 |   | 0.87 | \*\* | -0.79 |   |

TABLE A7 continued

|  |  |  |
| --- | --- | --- |
|  | **logit model for case management** | **competing risks hazard models for employment entries - log relative risks** |
|  |  |  | **insured job** | **minijob** |
| **survey wave** |   |   |   |   |   |   |
| 4 | *0* |  | *0* |  | *0* |  |
| 5 | -0.64 |   | 0.06 |   | -0.02 |   |
| 6 | -0.82 | \* | 0.03 |   | 0.06 |   |
| 8 | -0.91 | \* | 0.08 |   | 0.14 |   |
| 9 | -2.02 | \*\*\* | -0.06 |   | -0.18 |   |
| 10 | -2.07 | \*\*\* | 0.19 |   | -0.78 | \*\* |
| 11 | -1.10 | \* | 0.21 |   | 0.08 |   |
| **# spell of benefit receipt while not employed since December 2006** |   |   |   |   |   |   |
| *1* | *0* |  | *0* |  | *0* |  |
| 2 | 0.75 |   | -0.13 |   | -0.15 |   |
| 3 | 1.97 | \*\*\* | 0.11 |   | -0.25 |   |
| 4+ | 1.54 | \*\* | 0.25 |   | 0.02 |   |
| **case management** |   |   | 0.16 |   | -0.03 |   |
| **job search requirement** | -0.14 |   | 0.53 | \*\*\* | 0.33 | \* |
|  |  |  |  |  |  |  |
| **standard deviation of unobserved heterogeneity distribution** | 6.69 | \*\*\* | 0.77\*\*\* |
| interaction parameter: standard deviation of heterogeneity/ minijob entry |  |  | *1* |  | -1.53 | \*\*\* |
| **correlations of unobserved heterogeneity distributions** |  |  |  |  |  |  |
| case management/ entry into employment | -0.02 |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |
| respondents | 1728 |  | 1728 |  | 1728 |  |
| observations | 2826 |  |  |  |  |  |
| spells |  |  | 2183 |  | 2183 |  |
| job entries |  |  | 376 |  | 283 |  |

\* p<.1; \*\* p<.05; \*\*\* p<.01

Data source: PASS, waves 4-6, 8-11 (2010-2012, 2014-2017) linked to administrative data (IEB, LHG, DWH)

Non-employed basic income support recipients aged 15-64. Excluding students, people receiving retirement or incapacity pensions and jobcentres run by municipalities alone