**Appendix Tables**

|  |
| --- |
| **Table A1.** First principal component scores for the functionality index used to construct work-disability measure |
| *Variable description* | *Principal component score*  |
| Difficulty shopping for groceries | 0.285 |
| Difficulty walking several blocks | 0.270 |
| Difficulty bathing and showering | 0.266 |
| Difficulty getting in and out of bed | 0.266 |
| Difficulty dressing | 0.266 |
| Difficulty climbing one flight of stairs | 0.266 |
| Difficulty pushing/pulling large object | 0.260 |
| Difficulty preparing hot meal | 0.255 |
| Difficulty getting up from chair | 0.228 |
| Difficulty using the toilet | 0.228 |
| Difficulty stooping/kneeling  | 0.224 |
| Difficulty reaching/extending arms | 0.220 |
| Difficulty sitting for 2 hours | 0.217 |
| Difficulty managing money | 0.196 |
| Difficulty eating | 0.192 |
| Difficulty picking up a dime | 0.180 |
| Difficulty taking medications | 0.167 |
| Difficulty using telephone | 0.157 |
| Difficulty managing money | 0.142 |

**Note:** These are the scores for the year 1998. Scores for all years analyzed of the HRS, as well as for the SHARE countries presented in Figure 1, can be provided upon request.

**Table A2.** Summary table of leave behind sample including all variables, 2016

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|   | **Non-SSI or DI** | **SSI/DI** | **Non-DI** | **DI** | **Non-SSI** | **SSI** |
| Financial security index (1-11) | 7.66 | 5.94 | 7.63 | 6.02 | 7.50 | 5.05 |
| Work-disability | 0.03 | 0.23 | 0.03 | 0.23 | 0.05 | 0.27 |
| Years of education | 13.75 | 12.34 | 13.73 | 12.42 | 13.61 | 11.33 |
| Age | 58.28 | 58.11 | 58.29 | 58.01 | 58.25 | 59.39 |
| Number of children | 2.46 | 2.85 | 2.46 | 2.84 | 2.49 | 3.08 |
| Female | 0.51 | 0.56 | 0.51 | 0.56 | 0.51 | 0.55 |
| White | 0.78 | 0.64 | 0.78 | 0.65 | 0.77 | 0.54 |
| Black | 0.10 | 0.23 | 0.10 | 0.22 | 0.11 | 0.35 |
| Hispanic | 4.60 | 4.55 | 4.60 | 4.56 | 4.59 | 4.36 |
| Observations | 10026 | 1589 | 10188 | 1427 | 11453 | 162 |

**Note:** Weighted results. Mean values. Financial security index described in text. Work-disability defined in text.

**Table A3.** Comparing administrative and self-reported data on disability benefit receipt (Unweighted results)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year**  | **1998** | **2004** | **2010** | **2016** |
| **Sample birth year**  | 1936 - 1947 | 1938 - 1953 | 1944 - 1959 | 1950 +  |
| ***Using administrative data on SSD***  |
| **% who receive SSD** | 5% | 7% | 11% | 11% |
| **% with work-disabilities** | 6% | 5% | 6% | 6% |
| **% with work-disabilities who receive SSD in administrative data** | 24% | 31% | 38% |  30% |
| **N** | 7866 | 9133 | 10571 | 11941 |
| ***Using self-reported data on SSD***  |
| **% who receive SSD** | 6% | 9% | 12% | 14% |
| **% with work disabilities** | 6% | 5% | 6% | 6% |
| **% with work-disabilities who receive SSD in self-reported data**  | 26% | 32% | 42% | 44% |
| **N** | 7866 | 9133 | 10571 | 11941 |
| **% point difference between admin and self-report in terms of share of pop with work-disabilities receiving SSD** | **2%** | **1%** | **4%** | **14%** |
| **Notes:** Unweighted data for comparison with weighted data in Table 1.  |

**Table A4.** Analysis of interaction effects to determine significant change in probability of disability benefit receipt for those with work-disabilities across waves in Table 1. Weighted analysis using OLS regression.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Model 1 |  | Model 2 |  |
| Dependent variable  | Administrative record of receipt of SSD benefit | SE | Self-reported receipt of SSD benefits | SE |
| Work-disability | 0.29\*\*\* | (0.03) | 0.25\*\*\* | (0.03) |
| Wave=1 | --- | --- | --- | --- |
| Wave=2 | 0.03\*\*\* | (0.00) | 0.03\*\*\* | (0.00) |
| Wave=3 | 0.05\*\*\* | (0.00) | 0.04\*\*\* | (0.00) |
| Wave=4 | 0.07\*\*\* | (0.01) | 0.05\*\*\* | (0.00) |
| Work-disability =1 # Wave=1 | --- | --- | --- | --- |
| Work-disability =1 # Wave=2 | 0.03 | (0.04) | 0.03 | (0.04) |
| Work-disability =1 # Wave=3 | 0.10\* | (0.04) | 0.12\*\* | (0.04) |
| Work-disability =1 # Wave=4 | 0.08+ | (0.05) | 0.10\*\* | (0.04) |
| Constant | 0.04\*\*\* | (0.00) | 0.04\*\*\* | (0.00) |
| Observations | 30535 |  | 38420 |  |

**Note:** Weighted data using author calculated inverse probability weights in model 1 and HRS provided weights in model 2. Standard errors adjusted for repeated observations across waves. Wave 1= 1998; Wave 2 = 2004; Wave 3=2010; Wave 4=2016. p<.05 = \*; p<.10= +

**Table A5.** Analysis of interaction effects to determine significant change in probability of disability benefit receipt for those with work-disabilities across waves in Table 1. Unweighted analysis using OLS regression.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Model 1 |  | Model 2 |  |
| Dependent variable  | Administrative record of receipt of SSD benefit | SE | Self-reported receipt of SSD benefits | SE |
| Work-disability | 0.20\*\*\* | (0.02) | 0.21\*\*\* | (0.02) |
| Wave=1 | 0.00 | (.) | 0.00 | (.) |
| Wave=2 | 0.02\*\*\* | (0.00) | 0.03\*\*\* | (0.00) |
| Wave=3 | 0.05\*\*\* | (0.00) | 0.05\*\*\* | (0.00) |
| Wave=4 | 0.05\*\*\* | (0.00) | 0.07\*\*\* | (0.00) |
| Work-disability =1 # Wave=1 | 0.00 | (.) | 0.00 | (.) |
| Work-disability =1 # Wave=2 | 0.05 | (0.03) | 0.04 | (0.03) |
| Work-disability =1 # Wave=3 | 0.09\*\* | (0.03) | 0.11\*\*\* | (0.03) |
| Work-disability =1 # Wave=4 | 0.01 | (0.03) | 0.12\*\*\* | (0.03) |
| Constant | 0.04\*\*\* | (0.00) | 0.05\*\*\* | (0.00) |
| Observations | 39511 |  | 39511 |  |

**Note:** Unweighted data. Standard errors adjusted for repeated observations across waves. Wave 1= 1998; Wave 2 = 2004; Wave 3=2010; Wave 4=2016. p<.05 = \*; p<.10= +