**Table S-1**

Description of longest-held occupation (1980 occupation codes)

|  |  |
| --- | --- |
| Major occupation | Detailed occupation |
| Managerial specialty operation (003-037)  [Managerial] | Executive, administrative, and managerial occupations  Management related occupations |
| Professional specialty operation and technical support (043-235)  [Professional] | Engineers, architects, and surveyors  Mathematical and computer scientists  Natural scientists  Health diagnosing occupations  Health assessment and treating occupations  Therapists  Teachers  Librarians, archivists, and curators  Social scientists and urban planners  Social, recreation, and religious workers  Lawyers and judges  Writers, artists, entertainers, and athletes  Health technologists and technicians  Engineering and related technologists and technicians  Science technicians  Technicians, except health, engineering and science |
| Sales (243-285)  [Sales] | Supervisors and proprietors, sales occupations  Sales representatives  Sales workers, retail and personal services  Sales-related occupations |
| Clerical, administrative support (303-389)  [Clerical] | Supervisors, administrative support occupations  Computer equipment operators  Secretaries, stenographers and typists  Information clerks  Records processing occupations, except financial  Financial records processing occupations  Duplicating, mail, and other office machine operators  Communications equipment operators  Mail and message distributing occupations  Material recording, scheduling, and distributing clerks  Adjusters and investigators  Miscellaneous administrative support occupations |
| Service: private household, cleaning and building services (403-407)  [Private household services] | Private household occupations |
| Service: protection (413-427)  [Protective services] | Supervisors, protective service occupations  Firefighting and fire prevention occupations  Police and detectives  Guards |
| Service: food preparation (433-444)  [Food preparation services] | Food preparation and service occupations |
| Health services (445-447)  [Health services] | Health service occupations |
| Personal services (448-469)  [Personal services] | Cleaning and building service occupations, except household  Personal service occupations |
| Farming, forestry, fishing (473-499)  [Farming, forestry, and fishing] | Farm operators and managers  Farm occupations, except managerial  Related agricultural occupations  Forestry and logging occupations  Fishers, hunters, and trappers |
| Mechanics and repair (503-549)  [Mechanics and repair] | Vehicle and mobile equipment mechanics and repairers  Electrical and electronic equipment repairers  Miscellaneous mechanics and repairers |
| Construction trade and extractors (553-617)  [Construction trade and extractors] | Supervisors, construction occupations  Construction trades, except supervisors  Extractive occupations |
| Precision production (633-699)  [Precision production] | Supervisors, production occupations  Precision metal working occupations  Precision woodworking occupations  Precision textile, apparel, and furnishings machine workers  Precision workers, assorted materials  Precision food production occupations  Precision inspectors, testers, and related workers  Plant and system operators |
| Operators: machine (703-799)  [Machine operators] | Metalworking and Plastic Working Machine Operators  Metal and Plastic Processing Machine Operators  Woodworking Machine Operators  Printing Machine Operators  Textile, Apparel, and Furnishings Machine Operators  Machine Operators, Assorted Materials  Miscellaneous and not specific machine operators  Fabricators, Assemblers, and Hand Working occupations  Production Inspectors, Testers, Samplers, and Weighers |
| Operators: transport, etc. (803-859)  [Transportation operators] | Motor Vehicle Operators  Rail Transportation occupations  Water Transportation occupations  Material Moving Equipment Operators |
| Operators: handlers, etc. (863-889)  [Handlers and helpers] | Handlers, Equipment Cleaners, Helpers, and Laborers  Helpers, Construction and Extractive Occupations  Freight, stock, and Material Handlers |

[ ] Occupation names used in the study.

Source: Health and Retirement Study Occupation and Industry Coding, March 2016. Available at: https://hrs.isr.umich.edu/sites/default/files/restricted\_data\_docs/dr-021\_1.pdfhttps://usa.ipums.org/usa/volii/98occup.shtml. Accessed on 1/9/2020.

**Table S-2**

Test of Proportional-hazards Assumption

|  |  |  |  |
| --- | --- | --- | --- |
| Variable | Chi2 | df | Prob > Chi2 |
| Male | 4.73 | 1 | 0.03 |
| Race | 4.42 | 3 | 0.22 |
| Marital status | 41.12 | 2 | 0.00 |
| Years of schooling | 1.72 | 1 | 0.10 |
| Obese | 2.26 | 1 | 0.13 |
| Smoking | 0.41 | 1 | 0.52 |
| Ever drink alcohol | 1.70 | 1 | 0.19 |
| Region | 0.70 | 3 | 0.87 |