**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 occupationsManagement related occupations  |
| Professional specialty operation and technical support (043-235)[Professional] | Engineers, architects, and surveyorsMathematical and computer scientistsNatural scientistsHealth diagnosing occupations Health assessment and treating occupations TherapistsTeachersLibrarians, archivists, and curatorsSocial scientists and urban plannersSocial, recreation, and religious workersLawyers and judgesWriters, artists, entertainers, and athletesHealth technologists and techniciansEngineering and related technologists and techniciansScience techniciansTechnicians, except health, engineering and science |
| Sales (243-285)[Sales] | Supervisors and proprietors, sales occupationsSales representativesSales workers, retail and personal servicesSales-related occupations  |
| Clerical, administrative support (303-389)[Clerical] | Supervisors, administrative support occupations Computer equipment operatorsSecretaries, stenographers and typistsInformation clerksRecords processing occupations, except financialFinancial records processing occupationsDuplicating, mail, and other office machine operatorsCommunications equipment operatorsMail and message distributing occupationsMaterial recording, scheduling, and distributing clerksAdjusters and investigatorsMiscellaneous 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 occupationsFirefighting and fire prevention occupationsPolice and detectivesGuards |
| 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 managersFarm occupations, except managerial Related agricultural occupationsForestry and logging occupationsFishers, hunters, and trappers |
| Mechanics and repair (503-549)[Mechanics and repair] | Vehicle and mobile equipment mechanics and repairersElectrical and electronic equipment repairersMiscellaneous mechanics and repairers |
| Construction trade and extractors (553-617)[Construction trade and extractors] | Supervisors, construction occupationsConstruction trades, except supervisorsExtractive occupations |
| Precision production (633-699)[Precision production] | Supervisors, production occupationsPrecision metal working occupationsPrecision woodworking occupationsPrecision textile, apparel, and furnishings machine workersPrecision workers, assorted materialsPrecision food production occupationsPrecision inspectors, testers, and related workersPlant and system operators |
| Operators: machine (703-799)[Machine operators] | Metalworking and Plastic Working Machine OperatorsMetal and Plastic Processing Machine OperatorsWoodworking Machine OperatorsPrinting Machine OperatorsTextile, Apparel, and Furnishings Machine OperatorsMachine Operators, Assorted MaterialsMiscellaneous and not specific machine operatorsFabricators, Assemblers, and Hand Working occupationsProduction Inspectors, Testers, Samplers, and Weighers |
| Operators: transport, etc. (803-859)[Transportation operators] | Motor Vehicle OperatorsRail Transportation occupationsWater Transportation occupationsMaterial Moving Equipment Operators |
| Operators: handlers, etc. (863-889)[Handlers and helpers] | Handlers, Equipment Cleaners, Helpers, and LaborersHelpers, Construction and Extractive OccupationsFreight, 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 |