Table Appendix-A. List of re-imputed questionnaire section A items

(Variable)

Survey item ID	Variable name	Variable description
A03.1	NWRET	Reasons for not working: retired
A03.1YY	NWRTYR	Reasons for not working: retired year
A03.2	NWLAY	Reasons for not working: layoff
A03.3	NWSTU	Reasons for not working: student
A03.4	NWFAM	Reasons for not working: family responsibilities
A03.5	NWILL	Reasons for not working: illness or disability
A03.6	NWOCNA	Reasons for not working: suitable job not available
A03.7	NWNOND	Reasons for not working: did not need or want to work
A03.8	NWOT	Reasons for not working: other
A04.MM	LWMN	Month last worked
A04.YY	LWYR	Year last worked
A08	FTPRET	Previously retired
A08.YY	FTPRTYR	Year previously retired
SYSTEM	EMST	State or country code for employer
A11	EMSIZE	Employer size
A12	NEWBUS	New business
A13	NEDTP	Employer type (not taking into account if it was an educational institution)
A14	EMED	Indicator for educational institution employer
A15	EDTP	Type of educational institution employer
A16.1	ACADPRES	Academic position: president, provost, or chancellor
A16.2	ACADDEAN	Academic position: dean
A16.3	ACADRCHF	Academic position: research faculty
A16.4	ACADTCHF	Academic position: teaching faculty
A16.5	ACADADJF	Academic position: adjunct faculty
A16.6	ACADPDOC	Academic position: postdoc
A16.7	ACADRA	Academic position: research assistant
A16.8	ACADTA	Academic position: teaching assistant
A16.9	ACADOTHR	Academic position: other
A17	FACRANK	Faculty rank
A18	TENSTA	Tenure status
A18.YY	TENYR	Tenure year
A22.1	MGRNAT	Job required technical expertise at the bachelor's level or higher: engineering, computer science, math, or the natural sciences
A22.2	MGRSOC	Job required technical expertise at the bachelor's level or higher: social sciences
A22.3	MGROTH	Job required technical expertise at the bachelor's level or higher: other fields (e.g. health or business)
A23	PDIX	Principal job postdoc indicator
A24.1	PDTRAIN	Reason for taking postdoc: additional training in PhD field
A24.2	PDTROUT	Reason for taking postdoc: training in area outside PhD field
A24.3	PDPERPL	Reason for taking postdoc: work with specific person or place
A24.4	PDEMPL	Reason for taking postdoc: other employment not available
A24.5	PDEXPECT	Reason for taking postdoc: generally expected in field
A24.6	PDOTHER	Reason for taking postdoc: other
A26.MM	STRTMN	Month principal job started
A26.YY	STRTYR	Year principal job started
A27	OCEDRLP	Extent that principal job is related to highest degree
A28.1	NRPAY	Reason for working outside field of highest degree: pay or promotion
A28.2	NRCON	Reason for working outside field of highest degree: working conditions
A28.3	NRLOC	Reason for working outside field of highest degree: job location
A28.4	NRCHG	Reason for working outside field of highest degree: career change
A28.5	NRFAM	Reason for working outside field of highest degree: family-related reasons
A28.6	NROCNA	Reason for working outside field of highest degree: suitable job not available
A28.7	NROT	Reason for working outside field of highest degree: other
A30.01	WAACC	Work activity on principal job (10% indicator): accounting, finance, contracts

Table Appendix-A. List of re-imputed questionnaire section A items

(Variable)

Survey item ID	Variable name	Variable description
A30.02	WABRSH	Work activity on principal job (10% indicator): basic research
A30.03	WAAPRSH	Work activity on principal job (10% indicator): applied research
A30.04	WADEV	Work activity on principal job (10% indicator): development
A30.05	WADSN	Work activity on principal job (10% indicator): design
A30.06	WACOM	Work activity on principal job (10% indicator): computer applications
A30.07	WAEMRL	Work activity on principal job (10% indicator): human resources
A30.08	WAMGMT	Work activity on principal job (10% indicator): managing or supervising people or project
A30.09	WAPROD	Work activity on principal job (10% indicator): production, operations, maintenance
A30.10	WASVC	Work activity on principal job (10% indicator): professional services
A30.11	WASALE	Work activity on principal job (10% indicator): sales, purchasing, marketing
A30.12	WAQM	Work activity on principal job (10% indicator): quality or productivity management
A30.13	WATEA	Work activity on principal job (10% indicator): teaching
A30.14	WAOT	Work activity on principal job (10% indicator): other
A31.1	WAPRI	Work activity spent most hours on in principal job
A31.2	WASEC	Work activity spent second most hours on in principal job
A32	SUPWK	Supervised others in principal job indicator
A33.1	SUPDIR	Number of people supervised directly
A33.2	SUPIND	Number of people supervised through subordinates
A34.1	SATSAL	Satisfaction principal job salary
A34.2	SATBEN	Satisfaction principal job benefits
A34.3	SATSEC	Satisfaction principal job's job security
A34.4	SATLOC	Satisfaction principal job's job location
A34.5	SATADV	Satisfaction principal job's opportunities for advancement
A34.6	SATCHAL	Satisfaction principal job's intellectual challenge
A34.7	SATRESP	Satisfaction principal job's level of responsibility
A34.8	SATIND	Satisfaction principal job's degree of independence
A34.9	SATSOC	Satisfaction principal job's contribution to society
A35	JOBSATIS	Job satisfaction
A36	SALARY	Salary (annualized)
A37	WKSYR	Indicator for working 52 weeks per year
A37.WKS	WKSLYR	Number of weeks worked per year if less than 52 weeks
A38	HRSWK	Principal job: hours per week typically worked
A39	PJWTFT	Want to work full time on principal job indicator
A40.1	PJRET	Reason worked part time: previously or semiretired
A40.2	PJSTU	Reason worked part time: student
A40.3	PJFAM	Reason worked part time: family responsibilities
A40.4	PJOCNA	Reason worked part time: full-time job not available
A40.5	PJHAJ	Reason worked part time: held another job
A40.6	PJNOND	Reason worked part time: did not need or want to work full time
A40.7	PJOT	Reason worked part time: other
A40A_YEAR_RET	PJRETYR	Reason worked part time: previously or semiretired year
A41.1	JOBINS	Available benefits: health insurance
A41.2	JOBPENS	Available benefits: pension or retirement plan
A41.3	JOBPROFT	Available benefits: profit-sharing plan
A41.4	JOBVAC	Available benefits: paid vacation, sick, or personal days
A42	GOVSUP	Federal government support indicator
A43.01	FSDOD	Federal agency supporting work: Department of Defense
A43.02	FSDED	Federal agency supporting work: Department of Education
A43.03	FSDOE	Federal agency supporting work: Department of Energy
A43.04	FSNIH	Federal agency supporting work: National Institutes of Health
A43.05	FSHHS	Federal agency supporting work: Department of Health and Human Services
A43.06	FSNASA	Federal agency supporting work: National Aeronautics and Space Administration
A43.07	FSNSF	Federal agency supporting work: National Science Foundation

Table Appendix-A. List of re-imputed questionnaire section A items

(Variable)

Survey item ID	Variable name	Variable description
A43.08	FSOT	Federal agency supporting work: other
A43.09	FSDK	Federal agency supporting work: agency unknown
A44	EARN	Total earned income before deductions in previous year

Source(s):
2019 Survey of Doctorate Recipients questionnaire.