**Variables (including derived variables) used to predict flows into economic inactivity**

**Do we include**

**Age group 20-60**

**Likely association between variable and flows into economic inactivity (those in bold are those amenable directly to policy change) – unclear how we incorporate the impact of Welfare Reform? Do we also want to include an income measure? (DAGs next) – look at wealth, savings, ethnicity, housing**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| (In waves 1 or waves 2, or both?) | Home and family | Long term sickness | Early retired | FT Student |
| *Individual variables* |  |  |  |  |
| **Age left full-time education** | **+** | **-** | **+** | **n/a** |
| **Ethnicity (will vary by ethnic group, interaction with gender)** |  |  |  |  |
| **Highest qualification** | **+** | **-** | **+** | **+** |
| Age (linear or spline?) | + (25-45) | + (40-60) | + (50-60) | * (20-30) |
| Gender (0=Male, 1=Female) | + (Female) | + (Male) | + (Male) | n/a |
| **Job quality (might have to reverse coding)** | **-** | **-** | **+** | **- (exclude?)** |
| Eq. household income (eq\_hh\_inc) |  |  |  |  |
| **Occupational pension** |  |  | **+** |  |
| **Owns home outright (value of housing owned)** |  |  | **+** |  |
| **Other wealth** |  |  |  |  |
| **Savings** |  | **+** | **+** |  |
| **Housing tenure (0=Owner, Owned outright?, 1=Private rented, 2=Social/Council) -** | **+** | **+ (Social)** | **-** | **+** |
| Household type | + (Lone parent) | + (Single) | + (Couple no dependent kids) | + Single no kids, Multi-adult household (HMO) |
| Martial status (0=Married or equiv, 1=Single or equiv) | + (Interaction) | + | - | + |
| **Any help received with housing costs** |  |  |  |  |
| (In waves 1 or waves 2, or both?) | Home and family | Long term sickness | Early retired | FT Student |
| Number of dependent children in household | + | - | - | - |
| Caring responsibilities for elderly, sick etc. (do we need to adjust? Interaction with above?)[[1]](#footnote-1) | + | + | + | - |
| **Transport (Car ownership) – interacts with income and living in an urban area** | - | - | + | + |
| **Alcohol consumption** | **n/a** | **+** | **+** | **n/a** |
| **Smoking** | **+** | **+** | **-** | **-** |
| Poor mental health | + | + | - | n/a |
| General health | - | - | - (unclear?) | n/a |
| Long-term limiting illness | + | + | + | - |
| Number of diagnosed limiting long-term conditions | **n/a** | **+** | **+** | **-** |
| *Area-based variables* |  |  |  |  |
| **Urban-rural (1=urban)** |  |  |  | **+** |
| **Childcare availability (local authority)** | **-** | **-** | **-** | **n/a** |
| **Jobs density (Travel to Work Area)** | **-** | **-** | **n/a** | **-** |
| **Wages (Travel to Work Area)** | **-** | **-** | **-** | **-** |
| **Rating of public transport in area (local authority)** | **-** | **-** | **n/a** | **+** |

[Investigation report (dannydorling.org)](https://www.dannydorling.org/wp-content/files/dannydorling_publication_id0460.pdf)

**Proposed variables**

**Highest qualification (a\_hiqual\_dv, j\_hiqual\_dv)**

[Main survey – Variable:hiqual\_dv Highest qualification, UKHLS & BHPS samples | Understanding Society](https://www.understandingsociety.ac.uk/documentation/mainstage/dataset-documentation/variable/hiqual_dv)

|  |  |  |
| --- | --- | --- |
| New variable (Highest\_qual) | Categories included | Values included |
| Group 1 (None) | No qualifications | 9 |
| Group 2 (Lower secondary) | GCSE etc  Other qual | 4,5 |
| Group 3 (Upper secondary) | A level etc | 3 |
| Group 3 (High) | Degree  Other higher | 1,2 |
| Missing | Missing | -9,-8 |

**Income (a\_fihhmnnet3\_dv, j\_fihhmnnet3\_dv)**

|  |  |  |
| --- | --- | --- |
| New variable | Categories included | Values included |
| a\_fihhmnnet3\_dv, j\_fihhmnnet3\_dv  (Waves 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) | total household net income - individual/household deductions  Monthly total household net income - less Council Tax. | Treatment of missing values  Treatment of negative values |

(There is a householdfinances\_w12.finnow, How well would you say you yourself are managing financially these days? Would you say you are... 1 Living comfortably, 2 Doing alright, 3 Just about getting by, 4 Finding it quite diff, 5 Finding it very diff)

**Household type (hhtype\_dv)**

|  |  |  |
| --- | --- | --- |
| New variable | Categories included | Values included |
| a\_hhtype\_dv, j\_ hhtype\_dv  (Waves 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) | Composition of household, LFS-version  Recode:  Older single 1,2  Single working age 3  Single parent 4,5  Working age couple no children 6  Older couple no children 8  Couple with children 10,11,12  3 adults no children, at least one couple 19  3 adults with children, at least one couple 20,21  3 or more adults, no children, excl. any couples 22  3 or more adults, 1 or more children, excl. any couples 23  2 adults, not a couple, both under pensionable age, no children 16  2 adults, not a couple, one or more over pensionable age, no children 17  2 adults, not a couple, 1 or more children 18 |  |

**Job quality (might have to reverse coding)**

Based on Chandola & Zhang (2018), which derives an overall job quality measure (0=no adverse job quality measures, 1=1 adverse job quality measure and 2=2 adverse job quality measures)

|  |  |  |
| --- | --- | --- |
| Job quality – waves b and h | Variables | Detail |
| b\_jbsat, h\_jbsat,  (1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12) | a\_jbsat (a\_indresp) job satisfaction | Missing=-1 to -8  **zero to 4= low satisfaction** |
| b\_wkaut1…b\_wkaut5  Autonomy over job tasks  (Waves 2, 4, 6, 8, 10, 12) | In your current job, how much influence do you have over...  What tasks you do in your job (workconditions\_w8.wkaut1)  The pace at which you work  (workconditions\_w8.wkaut2)  How you do your work  (workconditions\_w8.wkaut3)  The order in which you carry out tasks  (workconditions\_w8.wkaut4)  The time you start or finish your working day  (workconditions\_w8.wkaut5) | 1 A lot  2 Some  3 A little  4 None  =(workconditions\_w8.wkaut1… workconditions\_w8.wkaut5)/5 (from 1 to 4)  **Score of 2 plus reflects low autonomy** |
| b\_jbsec, h\_jbsec  (Waves 2, 4, 6, 8, 10, 12) | I would like you to think about your employment prospects over the next 12 months. Thinking about losing your job by being sacked, laid-off, made redundant or not having your contract renewed, how likely do you think it is that you will lose your job during the next 12 months? Is it... | Very likely 1  Likely 2  Unlikely 3  Very unlikely? 4  (Very likely/likely=higher risk, unlikely/very unlikely=lower risk)  (Missing=-8 to -1) |
| b\_paygu\_dv, h\_paygu\_dv | usual gross pay per month: current job | (Missing=-9,-8,-7)  (Lowest quartile= adverse) |
| b\_jbhrs, h\_ jbhrs | Thinking about your (main) job, how many hours, excluding overtime and meal breaks, are you expected to work in a normal week? | Missing=-1,-2,-8,-9  (Not sure how they did this? |

**Savings**

About how much on average do you personally manage to save a month?

[Main survey – Variable:saved monthly amount saved | Understanding Society](https://www.understandingsociety.ac.uk/documentation/mainstage/dataset-documentation/variable/saved)

h\_saved, b\_saved

Enough money to make regular savings of £10 a month or more for rainy days or retirement?

**Pensions**

|  |  |  |
| --- | --- | --- |
| Does your present employer run a pension scheme or superannuation scheme for which you are eligible? | workconditions\_w8.jbpen |  |
| Do you belong to your employer's pension scheme? | workconditions\_w8.jbpenm |  |

1. Non-residents cared for Do you provide some regular service or help for any sick, disabled or elderly person not living with you? [↑](#footnote-ref-1)