This README file contains details on the data repository for the research project “Automated Occupational Advice for Long-term Unemployed during Online Job Search”, funded by the ESRC grant ES/L009633/1 (“Credit and Labour Market Foundations of the Macroeconomy”).

*Written bij Michèle Belot, Philipp Kircher and Paul Muller*

*Corresponding author: Paul Muller (p.muller@vu.nl)*

This research project collected data on unemployed job seekers in the UK that made use of an online job search platform. The study provided occupational suggestions to a random subset of the individuals. The repository contains the following six datasets:

• Dataset1\_characteristics\_outcomes

• Dataset2\_occupations

• Dataset3\_jobsearch

• Dataset4\_registration

• Dataset5\_activity

All data is provided in Stata format (.dta). A description of the contents of each dataset is provided below. Note that the 5 datasets cannot be linked at an individual level. Further details on the origin of the data can be found in the research paper:

Belot, M., Kircher, P. and Muller, P (2022), "*Do the Long-term Unemployed Benefit from Automated Occupational Advice during Online Job Search?*", IZA Discussion Paper No. 15452

**Dataset1\_characteristics\_outcomes**

This dataset contains individual characteristics and job finding outcomes for all individuals in the study. It contains the following variables:

|  |  |
| --- | --- |
| Variable | Label |
| treatment\_group | Treatment group |
| female | Female |
| nonwhite | Non-white ethnicity |
| disability | Disability |
| couple | Married/Cohabiting |
| children | Children |
| unempl\_dur | Unemployment duration (months) |
| jobseeker\_allowance | Receives jobseekers allowance. No means other/no benefits |
| neverworked | Never worked before |
| long\_unemployed | Unemployment dur. > 18 months |
| never\_searched | Never searched on the platform |
| interview | Number of interviews |
| jobfinding\_dur | Duration (days) until first job |
| stablejob\_finding\_dur | Duration (days) until first stable job |
| earnings\_threshold\_dur | Duration (days) until earnings threshold |
| fraction\_employed | Fraction employed of 15 months since registration (or period until jan15-2021) |

**Dataset2\_occupations**

This dataset contains the occupations (SOC) of the jobs that were found by individuals in the study. It also contains an indicator for whether the occupation is one of the suggested occupations.

|  |  |
| --- | --- |
| Variable | Label |
| treatment\_group | Treatment group |
| soc | SOC first stable job |
| job\_from\_suggested | Indicator occupation being one of suggested occ's |

**Dataset3\_jobsearch**

This dataset contains information on job search activities on the platform.

|  |  |
| --- | --- |
| Variable | Label |
| treatment\_group | Treatment group |
| total\_jobgoals | Nr saved jobgoals |
| at\_least\_one\_jobgoal | Saved at least one jobgoal |
| jobgoals\_no\_quals | Nr saved no-qual. jobgoals |
| at\_least\_one\_no\_qual | Saved at least one no-qual. jobgoal |
| jobgoals\_regular | Nr manually saved jobgoals |
| at\_least\_one\_manual | Saved at least one manual jobgoal |
| nr\_jobgoal\_searches | Total nr of jobgoal searches |
| nr\_keyword\_searches | Total nr of keyword searches |
| nr\_jobgoals\_included | Average nr of included jobgoals (excl sug's) |
| nr\_jobgoal\_suggestions | Average nr of included suggestions |
| radius\_jobgoal | Average radius in jobgoal searches |
| results\_jobgoal\_searches\_median | Median nr of results in jobgoal searches |
| radius\_keyword | Average radius in keyword searches |
| results\_keyword\_searches\_median | Median nr of results in keyword searches |
| never\_searched | Never searched on the platform |
| suggestions\_ever | At least one suggestions-search |

**Dataset4\_registration**

This dataset contains the dates of registration of all individuals.

|  |  |
| --- | --- |
| Variable | Label |
| treatment\_group | Treatment group |
| date\_of\_registration | Date of registration on platform |

**Dataset5\_activity**

This dataset contains the dates of all activities on the platform.

|  |  |
| --- | --- |
| Variable | Label |
| date\_activity | Date of activity on platform |
| treatment\_group | Treatment group |
|  | |