

# EARNINGS DYNAMICS AND ITS INTERGENERATIONAL TRANSMISSION: EVIDENCE FROM NORWAY

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## Data Description

This folder contains the replication material for "Earnings Dynamics and Its Intergenerational Transmission: Evidence from Norway" by Halvorsen, Ozkan, and Salgado.

The data employed in the analysis are drawn from Norwegian administrative registers maintained by Statistics Norway. Statistics Norway provides micro data for research projects, either by granting access after application and approvals to anonymized data, or as part of a Norwegian research project. For details see the article "Data for research - step by step": <https://www.ssb.no/en/data-til-forskning>.

Inquiries about access to data from Statistics Norway should be addressed to: [mikrodata@ssb.no](mailto:mikrodata@ssb.no).

The do-file `data_input.do` (available in the folder GRID Replication) documents variables used in the analysis with corresponding names in Norwegian and adjustments done to the raw data.

Results can also be replicated for a shorter time series (2006-) using data available in [microdata.no/en](https://www.ssb.no/en/microdata), which provides instant, online access to large amounts of detailed and mergeable microdata without any form of application. The service is open to employees and students at Norwegian universities and colleges, approved research institutions, ministries and directorates. Please email Elin Halvorsen ([vor@ssb.no](mailto:vor@ssb.no)) for further information.

This folder contains two sub folders

1. **GRID Replication** contains the do-files used to generate the results for Section 3 of the paper (core section). These are the same do-files used by the GRID project. To replicate the results, the user needs to read `Code_Guidelines_Jan2020.do` and run the do-files in the following order

- `0_Initialize.do`
- `1_Gen_Base_Sample.do`
- `2_DescriptiveStats.do`
- `3_Inequality.do`
- `4_Volatility.do`
- `5_Mobility.do`
- `6_Insheeting_datasets.do`

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- 7\_Paper\_Figs.do

After these do-files have finished, please run HOS\_SEC3\_REPLICA.do to replicate the figures in Section 3 of the paper (macro figures). The do-file, 7\_Paper\_Figs.do replicates the rest of the figures of the paper and appendix.

2. **IGEN Replication** contains the do-files used to generate the results for Section 4 of the paper on intergenerational transmission of income dynamics. This folder contains three files

- 1\_Gen\_father\_son\_sample\_minage25: Creates the sample used for intergenerational analysis (Section 4.1)
- 4\_Volatility\_FS\_2021: Calculates volatility measures conditional on father resources (Section 4.2)
- 8\_Individual\_Reg\_Perm\_EDUCDEC02: Calculates the intergenerational transmission of income dynamics and regressions (Section 4.2 and 4.3)