This folder contains the stata codes and data files for the paper "Multidimensional Skill Mismatch" by Faith Guvenen, Burhan Kruscu, Satoshi Tanaka, and David Wiczer.

There are seven subfolders, "cpi," "crosswalk," "data," "download," "onetstata," "result," and "workplace" in this main folder.

- The "workplace" folder contains the stata codes to reproduce all the tables and figures in the paper.
- The "result" folder saves the figures and tables produced by stata.

To run the stata program. Open "main.do" file in this folder, and set the path. If you run the "main.do" file, it will run 14 stata do-files subsequently to reproduce all the results.

mismatch_01_KSA_setup.do sets up the O*NET data file.
mismatch_02_nlsy79_setup.do sets up the NLSY79 data.
mismatch_03_cleaning.do cleans the NSLY79 data.
mismatch_04_regression.do produces Table 1 - 10, and Figure 1 in the paper, as well as Table B.1 - B.10 in the Online Appendix.
mismatch_05_physical.do produces Table F.2 - F.3 in the Online Appendix.
mismatch_06_college.do produces Table G.1 - G.2 in the Online Appendix.
mismatch_07_ern_cleaning.do produces clean the earnings data file.
mismatch_08_ern_regression.do produces Table I.1 - I.2 in the Online Appendix.
mismatch_09_log_regression.do produces Table J.1 - J.2 in the Online Appendix.
mismatch_10_ability2_skill2_regression.do produces Table J.3 - J.4 in the Online Appendix.
mismatch_11_ability_exp_regression.do produces Table J.5 - J.6 in the Online Appendix.
mismatch_12_fixed_effects_regression.do produces Table E.1 - E.2 in the Online Appendix.
mismatch_13_clustering_regression.do produces Table D.1 - D.2 in the Online Appendix.
mismatch_14_young.do produces Table H.1 in the Online Appendix.

To retrieve the tables that are output, and put them into PDF form, the "test_table.lyx" file in the "result" folder includes the necessary links.

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