

ELV781
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TABLE 7--OLS ESTIMATES OF LABOR-SUPPLY MODELS USING 1980 CENSUS DATA

| | All women | Married women | Husbands of married women |
|--------------------------|-----------|---------------|---------------------------|
| Worked for pay (workedm) | -0.177 | -0.170 | -0.009 |
| Weeks worked | -9.04 | -8.61 | -0.88 |
| hours worked | -6.61 | -6.61 | -0.003 |
| annual labour income | -3766.8 | -3739.7 | -1368.6 |
| log of family income | -0.131 | -0.105 | - |

Running code files:

Requirements: python-3, jupyter notebook, numpy, pandas, pyreadstat.

Dataset: m_d_806.sav

All women:

Open and run all cells of column_1.ipynb to get values in column-1 of above table. OLS estimate will be printed in the last cell. Saved decision tree images can found in all_women folder

Married women:

Open and run all cells of column_4.ipynb to get values in column-2 of above table. OLS estimate will be printed in the last cell. Saved decision tree images can found in married_women folder

Husbands of married women:

Open and run all cells of column_7.ipynb to get values in column-3 of above table. OLS estimate will be printed in the last cell. Saved decision tree images can found in husbands_married_women folder