**Appendix C-J: Not for publication**

**Available at** http://folk.uio.no/steinast/supplements/Supplement%20Compensated%20Marginal%20Effects%20and%20the%20Slutsky%20Equation%20in%20Discrete%20Labor%20Supply%20Models.pdf

## **Appendix C. Data, tax functions, and estimates**

**Data**

Data on the labor supply of married women in Norway used to estimate the model in Dagsvik and Strøm (2006) consist of a merged sample of the “Survey of Income and Wealth, 1994” and the “Level of living conditions, 1995” (Statistics Norway, 1994 and 1995 respectively). Data cover married couples as well as cohabiting couples with common children. The ages of the spouses range from 25 to 64. None of the spouses is self-employed and none of them is on disability or other types of benefits. A person is classified as a wage worker if their income from wage work is higher than their income from self-employment. All taxes paid are observed and in the assessment of disposable income, at hours not observed, all details of the tax system are accounted for. Hours of work are calculated as the sum of hours of the main job as well as those of any subsidiary jobs. A large majority of the women have only one job.

Wage rates above NOK 350 or below NOK 40[[1]](#footnote-1) are not utilized when estimating the wage equations. The wage rates are computed as the ratio of annual wage income to hours worked. When computing annual wage income, we take into account the fact that some women have multiple jobs. The size of the sample used in estimating the labor supply model is 810. Descriptions of variables and summary statistics are given in Table C.1.

Table C.1. Descriptive statistics, number of observations = 810 (values in NOK, 1994)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Mean | Std Dev. | Min. | Max. |
| Number of children (age 0–6) | 0.54 | 0.77 | 0.00 | 3.00 |
| Number of children (age 7–17) | 0.66 | 0.85 | 0.00 | 4.00 |
| Age in year (women) | 40.07 | 9.04 | 25.00 | 64.00 |
| Education in year (women) | 11.61 | 2.15 | 9.00 | 17.00 |
| Sector (1 = Public, 2 = Private) | 1.34 | 0.61 | 0.00 | 2.00 |
| Work experience (woman age – woman education in years) | 22.45 | 9.63 | 2.00 | 49.00 |
| Capital income (child allowances included) | 32306.71 | 42378.48 | 0.00 | 568403.00 |
| Child allowances | 13094.37 | 12154.01 | 0.00 | 60084.00 |
| Women wage income per year | 149751.97 | 83060.53 | 0.00 | 581693.00 |
| Men wage income per year | 274372.89 | 106239.67 | 17312.00 | 1184861.00 |
| Woman hourly wage in public sector | 89.36 | 12.09 | 64.88 | 132.34 |
| Woman hourly wage in private sector | 109.77 | 13.68 | 80.14 | 156.44 |

**Tax functions**

The tax function is given by:

 for 

  for 

 for 

 for 

 for etc.

 and 

The I-s are the amounts in NOK to the left in the tables below. For example, for a married working woman *I0*=20,954, *I1*=140,500, etc.

Table C.2. Tax function in 1994 for a married non-working woman whose husband is working, 1994

|  |  |
| --- | --- |
| Male income, Ymale | Tax T |
| 0–41,907 | 0 |
| 41,907–140,500 | 0.302Ymale–12656 |
| 140,500–252,000 | 0.358Ymale–20524 |
| 252,000–263,000 | 0.453Ymale–44464 |
| 263,000– | 0.495Ymale–55510 |

Table C.3. Tax function in 1994 for a married working woman or man, NOK 1994

|  |  |
| --- | --- |
| Wage income, Y | Tax T |
| 0–20,954 | 0 |
| 20,954–140,500 | 0.302Y–6328 |
| 140,500–208,000 | 0.358Y–14196 |
| 208,000–236,500 | 0.453Y–33956 |
| 236,500– | 0.495Y–43889 |

**Estimates**

**Table C.4. Estimates of the model parameters** (fromDagsvik and Strøm (2006))

|  |  |  |  |
| --- | --- | --- | --- |
| Variables | Parameters | Estimates | t-values |
| **Preferences** | | |  |
| *Consumption* |  |  |  |
| Exponent | 1 | 0.64 | 7.6 |
| Scale 10-4 |  | 1.77 | 4.2 |
| Subsistence level C0 in NOK per year |  | 60 000 |  |
| *Leisure* |  |  |  |
| Exponent | 3 | -0.53 | -2.1 |
| Constant | 4 | 111.66 | 3.2 |
| Log age | 5 | -63.61 | -3.2 |
| (log age)2 | 6 | 9.2 | 3.3 |
| # children 0–6 | 7 | 1.27 | 4.0 |
| # children 7–17 |  | 0.97 | 4.1 |
| *Consumption and Leisure, interaction* | 9 | -0.12 | -2.7 |
| Subsistence level of leisure in hours per year |  | 5120 |  |
| **The parameters θ1 and θ 2; logθj = fj1 + fj2S** | | |  |
| Constant, public sector (sector 1) | f11 | -4.2 | -4.7 |
| Constant, private sector (sector 2) | f21 | 1.14 | 1.0 |
| Education, public sector (sector 1) | f12 | 0.22 | 2.9 |
| Education, private sector (sector 2) | f22 | -0.34 | -3.3 |
| **Opportunity density of offered hours, gk2(h), k=1,2** | | |  |
| Full-time peak, public sector (sector 1)\* | log(g12(hFull) / g12(h0)) | 1.58 | 11.8 |
| Full-time peak, private sector (sector 2) | log(g22(hFull) / g22(h0)) | 1.06 | 7.4 |
| Part-time peak, public Sector | log(g12(hPar) / g12(h0)) | 0.68 | 4.4 |
| Part-time peak, private Sector | log(g22(hPar) / g22(h0)) | 0.8 | 5.2 |
| # observations |  | 824 | |
| **Log likelihood** |  | -1760.9 | |

\* The notation h0 refers to an arbitrary level of hours of work different from full-time and part-time hours.

The deterministic part of the utility function, i.e. the numerator in the choice probabilities, given participation, is quasi-concave for all individuals in the sample.

**Appendix D. Probabilities of working, conditional and unconditional mean annual hours**

**Table D.1 Married woman aged 30, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 0.999 | 0.800 | 0.199 | 3692 | 1871 | 1821 | 1858 | 1496 | 363 |
| 100,000 | 0.993 | 0.792 | 0.201 | 3575 | 1821 | 1755 | 1795 | 1441 | 354 |
| 200,000 | 0.967 | 0.764 | 0.203 | 3363 | 1725 | 1637 | 1650 | 1319 | 332 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.792 | 0.208 | 4391 | 2169 | 2222 | 2180 | 1719 | 461 |
| 100,000 | 1.000 | 0.793 | 0.207 | 4371 | 2160 | 2211 | 2171 | 1713 | 458 |
| 200,000 | 1.000 | 0.793 | 0.207 | 4329 | 2142 | 2187 | 2151 | 1700 | 452 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.770 | 0.230 | 4776 | 2365 | 2411 | 2375 | 1821 | 555 |
| 100,000 | 1.000 | 0.771 | 0.229 | 4765 | 2359 | 2406 | 2370 | 1818 | 552 |
| 200,000 | 1.000 | 0.772 | 0.228 | 4741 | 2346 | 2395 | 2357 | 1811 | 545 |

**Table D.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 0.992 | 0.774 | 0.217 | 3024 | 1568 | 1456 | 1531 | 1214 | 316 |
| 100,000 | 0.963 | 0.746 | 0.217 | 2829 | 1471 | 1358 | 1392 | 1097 | 295 |
| 200,000 | 0.864 | 0.661 | 0.203 | 2514 | 1308 | 1207 | 1109 | 864 | 245 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.808 | 0.192 | 3957 | 1980 | 1977 | 1980 | 1599 | 380 |
| 100,000 | 1.000 | 0.807 | 0.193 | 3922 | 1966 | 1956 | 1964 | 1586 | 378 |
| 200,000 | 1.000 | 0.804 | 0.196 | 3829 | 1928 | 1901 | 1923 | 1550 | 372 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.796 | 0.204 | 4353 | 2150 | 2203 | 2161 | 1711 | 449 |
| 100,000 | 1.000 | 0.797 | 0.203 | 4336 | 2142 | 2193 | 2153 | 1707 | 446 |
| 200,000 | 1.000 | 0.798 | 0.202 | 4294 | 2124 | 2170 | 2133 | 1695 | 438 |

**Table D.3 Married woman aged 40, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 0.998 | 0.797 | 0.201 | 3562 | 1816 | 1747 | 1798 | 1447 | 352 |
| 100,000 | 0.990 | 0.786 | 0.204 | 3427 | 1756 | 1671 | 1721 | 1380 | 341 |
| 200,000 | 0.953 | 0.749 | 0.204 | 3183 | 1643 | 1540 | 1545 | 1231 | 314 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.797 | 0.203 | 4293 | 2124 | 2169 | 2133 | 1693 | 440 |
| 100,000 | 1.000 | 0.798 | 0.202 | 4272 | 2115 | 2157 | 2123 | 1686 | 437 |
| 200,000 | 1.000 | 0.798 | 0.202 | 4222 | 2094 | 2128 | 2101 | 1670 | 431 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.775 | 0.225 | 4694 | 2321 | 2373 | 2332 | 1799 | 534 |
| 100,000 | 1.000 | 0.776 | 0.224 | 4681 | 2314 | 2367 | 2326 | 1795 | 531 |
| 200,000 | 1.000 | 0.778 | 0.222 | 4653 | 2299 | 2354 | 2311 | 1788 | 524 |

**Table D.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 0.989 | 0.766 | 0.222 | 2877 | 1494 | 1382 | 1453 | 1145 | 307 |
| 100,000 | 0.952 | 0.732 | 0.220 | 2674 | 1390 | 1284 | 1300 | 1017 | 282 |
| 200,000 | 0.833 | 0.633 | 0.200 | 2359 | 1224 | 1135 | 1001 | 774 | 227 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.808 | 0.192 | 3876 | 1947 | 1928 | 1944 | 1573 | 370 |
| 100,000 | 1.000 | 0.807 | 0.193 | 3834 | 1930 | 1904 | 1925 | 1557 | 368 |
| 200,000 | 1.000 | 0.803 | 0.197 | 3725 | 1885 | 1840 | 1876 | 1514 | 362 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | 1.000 | 0.801 | 0.199 | 4269 | 2111 | 2157 | 2121 | 1691 | 430 |
| 100,000 | 1.000 | 0.801 | 0.199 | 4251 | 2104 | 2147 | 2112 | 1686 | 427 |
| 200,000 | 1.000 | 0.802 | 0.198 | 4206 | 2084 | 2121 | 2092 | 1672 | 420 |

**APPENDIX E. Elasticity of an overall wage increase on the probability of working and on the expected conditional and unconditional hours.**

**Table E.1 Married woman aged 30, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.010 | 0.047 | -0.140 | 0.255 | 0.236 | 0.330 | 0.265 | 0.283 | 0.190 |
|  | Compensated | 0.010 | 0.054 | -0.170 | 0.307 | 0.284 | 0.397 | 0.317 | 0.339 | 0.226 |
|  | Income | -0.009 | -0.021 | 0.037 | -0.076 | -0.071 | -0.098 | -0.086 | -0.091 | -0.061 |
| 100,000 | Uncompensated | 0.044 | 0.090 | -0.139 | 0.325 | 0.303 | 0.407 | 0.368 | 0.393 | 0.269 |
|  | Compensated | 0.044 | 0.096 | -0.162 | 0.362 | 0.337 | 0.454 | 0.406 | 0.433 | 0.292 |
|  | Income | -0.023 | -0.036 | 0.027 | -0.086 | -0.080 | -0.107 | -0.109 | -0.116 | -0.080 |
| 200,000 | Uncompensated | 0.164 | 0.219 | -0.042 | 0.419 | 0.396 | 0.498 | 0.583 | 0.615 | 0.456 |
|  | Compensated | 0.164 | 0.221 | -0.050 | 0.431 | 0.408 | 0.512 | 0.595 | 0.629 | 0.462 |
|  | Income | -0.052 | -0.062 | -0.013 | -0.070 | -0.067 | -0.082 | -0.122 | -0.129 | -0.095 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.058 | 0.220 | 0.204 | 0.198 | 0.218 | 0.204 | 0.141 | 0.438 |
|  | Compensated | 0.000 | -0.064 | 0.243 | 0.231 | 0.225 | 0.248 | 0.231 | 0.161 | 0.492 |
|  | Income | 0.000 | 0.002 | -0.008 | -0.011 | -0.011 | -0.012 | -0.011 | -0.009 | -0.020 |
| 100,000 | Uncompensated | 0.000 | -0.055 | 0.212 | 0.208 | 0.202 | 0.226 | 0.208 | 0.147 | 0.438 |
|  | Compensated | 0.000 | -0.060 | 0.228 | 0.230 | 0.223 | 0.251 | 0.230 | 0.163 | 0.479 |
|  | Income | 0.000 | 0.002 | -0.007 | -0.013 | -0.012 | -0.015 | -0.013 | -0.010 | -0.022 |
| 200,000 | Uncompensated | 0.000 | -0.049 | 0.189 | 0.218 | 0.210 | 0.245 | 0.218 | 0.161 | 0.433 |
|  | Compensated | 0.000 | -0.049 | 0.191 | 0.227 | 0.219 | 0.256 | 0.227 | 0.169 | 0.446 |
|  | Income | 0.000 | 0.000 | 0.000 | -0.012 | -0.011 | -0.015 | -0.012 | -0.011 | -0.015 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.072 | 0.242 | 0.197 | 0.204 | 0.168 | 0.197 | 0.132 | 0.410 |
|  | Compensated | 0.000 | -0.082 | 0.275 | 0.223 | 0.231 | 0.190 | 0.223 | 0.149 | 0.465 |
|  | Income | 0.000 | 0.002 | -0.008 | -0.006 | -0.006 | -0.005 | -0.006 | -0.004 | -0.013 |
| 100,000 | Uncompensated | 0.000 | -0.073 | 0.247 | 0.202 | 0.209 | 0.173 | 0.202 | 0.135 | 0.420 |
|  | Compensated | 0.000 | -0.082 | 0.274 | 0.223 | 0.231 | 0.191 | 0.223 | 0.149 | 0.466 |
|  | Income | 0.000 | 0.003 | -0.009 | -0.007 | -0.008 | -0.006 | -0.007 | -0.005 | -0.015 |
| 200,000 | Uncompensated | 0.000 | -0.075 | 0.253 | 0.210 | 0.217 | 0.184 | 0.210 | 0.142 | 0.437 |
|  | Compensated | 0.000 | -0.079 | 0.267 | 0.221 | 0.228 | 0.193 | 0.221 | 0.149 | 0.460 |
|  | Income | 0.000 | 0.003 | -0.009 | -0.008 | -0.008 | -0.007 | -0.008 | -0.005 | -0.016 |

**Table E.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.051 | 0.131 | -0.232 | 0.520 | 0.505 | 0.557 | 0.571 | 0.635 | 0.325 |
|  | Compensated | 0.051 | 0.147 | -0.289 | 0.620 | 0.602 | 0.663 | 0.671 | 0.748 | 0.374 |
|  | Income | -0.053 | -0.078 | 0.034 | -0.179 | -0.174 | -0.194 | -0.232 | -0.251 | -0.159 |
| 100,000 | Uncompensated | 0.195 | 0.275 | -0.082 | 0.619 | 0.609 | 0.632 | 0.814 | 0.885 | 0.550 |
|  | Compensated | 0.195 | 0.285 | -0.114 | 0.684 | 0.674 | 0.697 | 0.879 | 0.958 | 0.584 |
|  | Income | -0.112 | -0.133 | -0.037 | -0.187 | -0.183 | -0.193 | -0.298 | -0.317 | -0.229 |
| 200,000 | Uncompensated | 0.519 | 0.586 | 0.301 | 0.685 | 0.688 | 0.655 | 1.204 | 1.274 | 0.956 |
|  | Compensated | 0.519 | 0.588 | 0.294 | 0.704 | 0.707 | 0.673 | 1.223 | 1.295 | 0.967 |
|  | Income | -0.185 | -0.197 | -0.146 | -0.142 | -0.142 | -0.138 | -0.327 | -0.339 | -0.284 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.005 | 0.019 | 0.188 | 0.173 | 0.251 | 0.188 | 0.169 | 0.271 |
|  | Compensated | 0.000 | -0.001 | 0.006 | 0.229 | 0.210 | 0.306 | 0.229 | 0.209 | 0.312 |
|  | Income | 0.000 | -0.002 | 0.009 | -0.019 | -0.018 | -0.026 | -0.019 | -0.020 | -0.017 |
| 100,000 | Uncompensated | 0.000 | 0.001 | -0.004 | 0.204 | 0.188 | 0.274 | 0.205 | 0.189 | 0.270 |
|  | Compensated | 0.000 | 0.005 | -0.019 | 0.240 | 0.220 | 0.322 | 0.240 | 0.225 | 0.302 |
|  | Income | 0.000 | -0.003 | 0.014 | -0.025 | -0.023 | -0.034 | -0.025 | -0.026 | -0.020 |
| 200,000 | Uncompensated | 0.002 | 0.016 | -0.056 | 0.248 | 0.228 | 0.330 | 0.250 | 0.244 | 0.274 |
|  | Compensated | 0.002 | 0.020 | -0.071 | 0.271 | 0.249 | 0.360 | 0.273 | 0.269 | 0.289 |
|  | Income | -0.001 | -0.007 | 0.024 | -0.035 | -0.032 | -0.047 | -0.036 | -0.039 | -0.023 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.072 | 0.282 | 0.237 | 0.229 | 0.258 | 0.237 | 0.157 | 0.539 |
|  | Compensated | 0.000 | -0.082 | 0.321 | 0.272 | 0.264 | 0.296 | 0.272 | 0.181 | 0.617 |
|  | Income | 0.000 | 0.002 | -0.009 | -0.009 | -0.009 | -0.010 | -0.009 | -0.007 | -0.019 |
| 100,000 | Uncompensated | 0.000 | -0.070 | 0.273 | 0.241 | 0.232 | 0.266 | 0.241 | 0.163 | 0.539 |
|  | Compensated | 0.000 | -0.078 | 0.304 | 0.270 | 0.261 | 0.299 | 0.270 | 0.183 | 0.603 |
|  | Income | 0.000 | 0.002 | -0.010 | -0.011 | -0.011 | -0.013 | -0.011 | -0.008 | -0.023 |
| 200,000 | Uncompensated | 0.000 | -0.062 | 0.245 | 0.252 | 0.241 | 0.288 | 0.252 | 0.179 | 0.533 |
|  | Compensated | 0.000 | -0.065 | 0.258 | 0.269 | 0.257 | 0.308 | 0.269 | 0.192 | 0.566 |
|  | Income | 0.000 | 0.002 | -0.007 | -0.014 | -0.013 | -0.017 | -0.014 | -0.012 | -0.024 |

**Table E.3 Married woman aged 40, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.014 | 0.063 | -0.178 | 0.303 | 0.282 | 0.381 | 0.317 | 0.345 | 0.203 |
|  | Compensated | 0.014 | 0.073 | -0.217 | 0.364 | 0.339 | 0.457 | 0.378 | 0.411 | 0.240 |
|  | Income | -0.014 | -0.029 | 0.045 | -0.094 | -0.088 | -0.118 | -0.108 | -0.116 | -0.073 |
| 100,000 | Uncompensated | 0.063 | 0.121 | -0.160 | 0.384 | 0.361 | 0.465 | 0.447 | 0.482 | 0.305 |
|  | Compensated | 0.063 | 0.128 | -0.188 | 0.427 | 0.402 | 0.518 | 0.491 | 0.530 | 0.330 |
|  | Income | -0.033 | -0.049 | 0.027 | -0.105 | -0.099 | -0.127 | -0.138 | -0.148 | -0.100 |
| 200,000 | Uncompensated | 0.223 | 0.287 | -0.011 | 0.486 | 0.464 | 0.553 | 0.709 | 0.751 | 0.542 |
|  | Compensated | 0.223 | 0.290 | -0.020 | 0.500 | 0.478 | 0.570 | 0.724 | 0.768 | 0.549 |
|  | Income | -0.072 | -0.084 | -0.029 | -0.087 | -0.083 | -0.098 | -0.159 | -0.167 | -0.127 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.049 | 0.194 | 0.201 | 0.192 | 0.228 | 0.201 | 0.143 | 0.422 |
|  | Compensated | 0.000 | -0.054 | 0.213 | 0.230 | 0.220 | 0.262 | 0.230 | 0.166 | 0.476 |
|  | Income | 0.000 | 0.001 | -0.006 | -0.012 | -0.011 | -0.014 | -0.012 | -0.010 | -0.020 |
| 100,000 | Uncompensated | 0.000 | -0.046 | 0.183 | 0.206 | 0.197 | 0.238 | 0.206 | 0.151 | 0.421 |
|  | Compensated | 0.000 | -0.050 | 0.195 | 0.230 | 0.219 | 0.266 | 0.230 | 0.170 | 0.461 |
|  | Income | 0.000 | 0.001 | -0.005 | -0.014 | -0.013 | -0.017 | -0.014 | -0.012 | -0.022 |
| 200,000 | Uncompensated | 0.000 | -0.038 | 0.152 | 0.220 | 0.209 | 0.262 | 0.220 | 0.171 | 0.414 |
|  | Compensated | 0.000 | -0.038 | 0.152 | 0.231 | 0.219 | 0.276 | 0.231 | 0.181 | 0.428 |
|  | Income | 0.000 | -0.001 | 0.003 | -0.015 | -0.014 | -0.019 | -0.015 | -0.015 | -0.017 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.080 | 0.274 | 0.219 | 0.224 | 0.194 | 0.219 | 0.145 | 0.468 |
|  | Compensated | 0.000 | -0.091 | 0.313 | 0.248 | 0.254 | 0.220 | 0.248 | 0.164 | 0.532 |
|  | Income | 0.000 | 0.003 | -0.009 | -0.007 | -0.007 | -0.006 | -0.007 | -0.005 | -0.015 |
| 100,000 | Uncompensated | 0.000 | -0.080 | 0.278 | 0.223 | 0.228 | 0.200 | 0.223 | 0.148 | 0.478 |
|  | Compensated | 0.000 | -0.089 | 0.310 | 0.247 | 0.253 | 0.221 | 0.247 | 0.164 | 0.531 |
|  | Income | 0.000 | 0.003 | -0.010 | -0.008 | -0.009 | -0.008 | -0.008 | -0.006 | -0.018 |
| 200,000 | Uncompensated | 0.000 | -0.080 | 0.281 | 0.232 | 0.236 | 0.212 | 0.232 | 0.155 | 0.492 |
|  | Compensated | 0.000 | -0.085 | 0.296 | 0.244 | 0.248 | 0.223 | 0.244 | 0.163 | 0.519 |
|  | Income | 0.000 | 0.003 | -0.010 | -0.009 | -0.009 | -0.008 | -0.009 | -0.006 | -0.018 |

**Table E.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.067 | 0.148 | -0.212 | 0.570 | 0.561 | 0.583 | 0.637 | 0.709 | 0.371 |
|  | Compensated | 0.067 | 0.164 | -0.268 | 0.678 | 0.667 | 0.693 | 0.745 | 0.831 | 0.425 |
|  | Income | -0.072 | -0.097 | 0.015 | -0.202 | -0.198 | -0.209 | -0.273 | -0.294 | -0.194 |
| 100,000 | Uncompensated | 0.244 | 0.322 | -0.015 | 0.663 | 0.661 | 0.648 | 0.907 | 0.983 | 0.633 |
|  | Compensated | 0.244 | 0.331 | -0.045 | 0.730 | 0.728 | 0.713 | 0.975 | 1.060 | 0.668 |
|  | Income | -0.143 | -0.164 | -0.073 | -0.205 | -0.203 | -0.203 | -0.348 | -0.368 | -0.276 |
| 200,000 | Uncompensated | 0.600 | 0.660 | 0.411 | 0.704 | 0.715 | 0.652 | 1.305 | 1.375 | 1.062 |
|  | Compensated | 0.600 | 0.662 | 0.405 | 0.723 | 0.734 | 0.668 | 1.323 | 1.396 | 1.073 |
|  | Income | -0.220 | -0.231 | -0.186 | -0.151 | -0.153 | -0.143 | -0.371 | -0.383 | -0.329 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.008 | -0.033 | 0.194 | 0.178 | 0.262 | 0.194 | 0.186 | 0.229 |
|  | Compensated | 0.000 | 0.014 | -0.058 | 0.240 | 0.220 | 0.325 | 0.240 | 0.234 | 0.267 |
|  | Income | 0.000 | -0.003 | 0.015 | -0.023 | -0.021 | -0.031 | -0.023 | -0.024 | -0.017 |
| 100,000 | Uncompensated | 0.000 | 0.014 | -0.058 | 0.215 | 0.197 | 0.289 | 0.215 | 0.211 | 0.230 |
|  | Compensated | 0.000 | 0.020 | -0.083 | 0.256 | 0.235 | 0.344 | 0.256 | 0.255 | 0.261 |
|  | Income | 0.000 | -0.005 | 0.020 | -0.030 | -0.027 | -0.041 | -0.030 | -0.032 | -0.020 |
| 200,000 | Uncompensated | 0.003 | 0.031 | -0.112 | 0.269 | 0.248 | 0.355 | 0.272 | 0.279 | 0.243 |
|  | Compensated | 0.003 | 0.036 | -0.133 | 0.297 | 0.274 | 0.391 | 0.300 | 0.310 | 0.258 |
|  | Income | -0.001 | -0.009 | 0.032 | -0.043 | -0.040 | -0.057 | -0.044 | -0.049 | -0.025 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | **Direct Elastici**ty | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | -0.061 | 0.247 | 0.227 | 0.217 | 0.262 | 0.227 | 0.156 | 0.509 |
|  | Compensated | 0.000 | -0.070 | 0.281 | 0.263 | 0.251 | 0.303 | 0.263 | 0.181 | 0.584 |
|  | Income | 0.000 | 0.002 | -0.007 | -0.010 | -0.009 | -0.011 | -0.010 | -0.007 | -0.018 |
| 100,000 | Uncompensated | 0.000 | -0.058 | 0.235 | 0.232 | 0.221 | 0.272 | 0.232 | 0.163 | 0.506 |
|  | Compensated | 0.000 | -0.065 | 0.261 | 0.262 | 0.250 | 0.307 | 0.262 | 0.185 | 0.568 |
|  | Income | 0.000 | 0.002 | -0.007 | -0.012 | -0.011 | -0.015 | -0.012 | -0.009 | -0.022 |
| 200,000 | Uncompensated | 0.000 | -0.049 | 0.197 | 0.248 | 0.234 | 0.299 | 0.248 | 0.185 | 0.497 |
|  | Compensated | 0.000 | -0.051 | 0.207 | 0.266 | 0.251 | 0.322 | 0.266 | 0.200 | 0.528 |
|  | Income | 0.000 | 0.001 | -0.003 | -0.016 | -0.015 | -0.020 | -0.016 | -0.014 | -0.024 |

**APPENDIX F. Elasticities of a wage increase in public sector on the probabilities of working and on expected conditional and unconditional hours.**

**Table F.1 Married woman aged 30, no children**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table F.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table F.3 Married woman aged 40, no children**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table F.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**APPENDIX G Elasticities of a wage increase in private sector on the probabilities of working and on expected conditional and unconditional hours.**

**Table G.1 Married woman aged 30, no children**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table G.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table G.3 Married woman aged 40, no children**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**Table G.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70



Wage NOK 200



Wage NOK 300



**APPENDIX H:**

**Elasticity for a decrease in public sector wage only**

**Table H.1 Married woman aged 30, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.008 | 1.442 | -5.753 | 0.221 | 0.236 | 0.000 | 0.229 | 1.679 | -5.753 |
|  | Compensated | 1.189 | 2.951 | -5.883 | 0.343 | 0.355 | 0.102 | 1.532 | 3.305 | -5.781 |
| 100,000 | Uncompensated | 0.035 | 1.341 | -5.094 | 0.281 | 0.303 | 0.000 | 0.316 | 1.643 | -5.094 |
|  | Compensated | 1.172 | 2.792 | -5.192 | 0.362 | 0.374 | 0.074 | 1.534 | 3.165 | -5.118 |
| 200,000 | Uncompensated | 0.131 | 1.184 | -3.839 | 0.359 | 0.396 | 0.000 | 0.490 | 1.580 | -3.839 |
|  | Compensated | 1.234 | 2.589 | -3.876 | 0.325 | 0.331 | 0.026 | 1.559 | 2.919 | -3.849 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 2.653 | -10.119 | 0.106 | 0.198 | 0.000 | 0.106 | 2.851 | -10.119 |
|  | Compensated | 2.102 | 5.306 | -10.120 | 0.162 | 0.275 | 0.031 | 2.264 | 5.581 | -10.089 |
| 100,000 | Uncompensated | 0.000 | 2.540 | -9.720 | 0.112 | 0.202 | 0.000 | 0.112 | 2.742 | -9.720 |
|  | Compensated | 2.014 | 5.081 | -9.724 | 0.163 | 0.272 | 0.025 | 2.177 | 5.353 | -9.699 |
| 200,000 | Uncompensated | 0.000 | 2.268 | -8.715 | 0.128 | 0.210 | 0.000 | 0.128 | 2.478 | -8.715 |
|  | Compensated | 1.800 | 4.539 | -8.723 | 0.167 | 0.266 | 0.013 | 1.967 | 4.804 | -8.710 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 4.201 | -14.065 | 0.093 | 0.204 | 0.000 | 0.093 | 4.405 | -14.065 |
|  | Compensated | 3.235 | 8.397 | -14.051 | 0.145 | 0.285 | 0.020 | 3.380 | 8.682 | -14.030 |
| 100,000 | Uncompensated | 0.000 | 4.074 | -13.696 | 0.097 | 0.209 | 0.000 | 0.097 | 4.283 | -13.696 |
|  | Compensated | 3.140 | 8.145 | -13.684 | 0.145 | 0.285 | 0.017 | 3.285 | 8.430 | -13.667 |
| 200,000 | Uncompensated | 0.000 | 3.741 | -12.685 | 0.106 | 0.217 | 0.000 | 0.106 | 3.958 | -12.685 |
|  | Compensated | 2.889 | 7.480 | -12.679 | 0.143 | 0.280 | 0.009 | 3.032 | 7.760 | -12.670 |

**Table H.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.041 | 1.417 | -4.867 | 0.479 | 0.505 | 0.000 | 0.519 | 1.922 | -4.867 |
|  | Compensated | 1.281 | 3.073 | -5.107 | 0.711 | 0.726 | 0.164 | 1.992 | 3.799 | -4.943 |
| 100,000 | Uncompensated | 0.153 | 1.366 | -4.011 | 0.553 | 0.609 | 0.000 | 0.706 | 1.975 | -4.011 |
|  | Compensated | 1.496 | 3.144 | -4.160 | 0.630 | 0.646 | 0.103 | 2.126 | 3.789 | -4.057 |
| 200,000 | Uncompensated | 0.404 | 1.315 | -2.565 | 0.591 | 0.688 | 0.000 | 0.995 | 2.003 | -2.565 |
|  | Compensated | 1.916 | 3.303 | -2.606 | 0.397 | 0.394 | 0.029 | 2.312 | 3.696 | -2.577 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 2.282 | -9.574 | 0.143 | 0.173 | 0.000 | 0.143 | 2.455 | -9.574 |
|  | Compensated | 1.843 | 4.578 | -9.634 | 0.225 | 0.259 | 0.061 | 2.068 | 4.837 | -9.573 |
| 100,000 | Uncompensated | 0.000 | 2.190 | -9.141 | 0.161 | 0.188 | 0.000 | 0.161 | 2.378 | -9.141 |
|  | Compensated | 1.767 | 4.393 | -9.200 | 0.241 | 0.271 | 0.055 | 2.008 | 4.665 | -9.145 |
| 200,000 | Uncompensated | 0.001 | 1.964 | -8.056 | 0.207 | 0.228 | 0.000 | 0.208 | 2.192 | -8.056 |
|  | Compensated | 1.583 | 3.941 | -8.101 | 0.279 | 0.303 | 0.037 | 1.861 | 4.244 | -8.064 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 3.429 | -13.387 | 0.115 | 0.229 | 0.000 | 0.115 | 3.659 | -13.387 |
|  | Compensated | 2.730 | 6.857 | -13.380 | 0.182 | 0.321 | 0.038 | 2.912 | 7.178 | -13.341 |
| 100,000 | Uncompensated | 0.000 | 3.316 | -12.997 | 0.121 | 0.232 | 0.000 | 0.121 | 3.548 | -12.997 |
|  | Compensated | 2.642 | 6.631 | -12.994 | 0.184 | 0.318 | 0.034 | 2.825 | 6.949 | -12.960 |
| 200,000 | Uncompensated | 0.000 | 3.022 | -11.937 | 0.139 | 0.241 | 0.000 | 0.139 | 3.263 | -11.937 |
|  | Compensated | 2.412 | 6.046 | -11.943 | 0.190 | 0.313 | 0.022 | 2.601 | 6.358 | -11.921 |

**Table H.3 Married woman aged 40, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.012 | 1.431 | -5.608 | 0.271 | 0.282 | 0.000 | 0.282 | 1.714 | -5.608 |
|  | Compensated | 1.194 | 2.952 | -5.766 | 0.415 | 0.421 | 0.118 | 1.609 | 3.373 | -5.648 |
| 100,000 | Uncompensated | 0.051 | 1.338 | -4.910 | 0.339 | 0.361 | 0.000 | 0.390 | 1.699 | -4.910 |
|  | Compensated | 1.210 | 2.829 | -5.025 | 0.428 | 0.434 | 0.085 | 1.638 | 3.263 | -4.940 |
| 200,000 | Uncompensated | 0.178 | 1.206 | -3.598 | 0.421 | 0.464 | 0.000 | 0.599 | 1.670 | -3.598 |
|  | Compensated | 1.352 | 2.710 | -3.639 | 0.362 | 0.362 | 0.029 | 1.714 | 3.072 | -3.610 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 2.545 | -9.999 | 0.110 | 0.192 | 0.000 | 0.110 | 2.737 | -9.999 |
|  | Compensated | 2.029 | 5.092 | -10.008 | 0.169 | 0.269 | 0.035 | 2.198 | 5.361 | -9.972 |
| 100,000 | Uncompensated | 0.000 | 2.545 | -9.999 | 0.110 | 0.192 | 0.000 | 0.110 | 2.737 | -9.999 |
|  | Compensated | 1.943 | 4.875 | -9.607 | 0.172 | 0.267 | 0.030 | 2.115 | 5.143 | -9.577 |
| 200,000 | Uncompensated | 0.000 | 2.175 | -8.578 | 0.137 | 0.209 | 0.000 | 0.137 | 2.384 | -8.578 |
|  | Compensated | 1.736 | 4.354 | -8.592 | 0.180 | 0.266 | 0.016 | 1.916 | 4.620 | -8.575 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 4.040 | -13.926 | 0.102 | 0.224 | 0.000 | 0.102 | 4.265 | -13.926 |
|  | Compensated | 3.132 | 8.076 | -13.910 | 0.160 | 0.313 | 0.024 | 3.292 | 8.389 | -13.886 |
| 100,000 | Uncompensated | 0.000 | 3.914 | -13.553 | 0.107 | 0.228 | 0.000 | 0.107 | 4.143 | -13.553 |
|  | Compensated | 3.037 | 7.825 | -13.540 | 0.160 | 0.311 | 0.021 | 3.197 | 8.136 | -13.519 |
| 200,000 | Uncompensated | 0.000 | 3.585 | -12.532 | 0.116 | 0.236 | 0.000 | 0.116 | 3.820 | -12.532 |
|  | Compensated | 2.787 | 7.168 | -12.527 | 0.157 | 0.304 | 0.011 | 2.945 | 7.472 | -12.515 |

**Table H.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.053 | 1.413 | -4.638 | 0.522 | 0.561 | 0.000 | 0.575 | 1.974 | -4.638 |
|  | Compensated | 1.321 | 3.120 | -4.883 | 0.768 | 0.794 | 0.167 | 2.088 | 3.914 | -4.717 |
| 100,000 | Uncompensated | 0.191 | 1.376 | -3.749 | 0.588 | 0.661 | 0.000 | 0.779 | 2.037 | -3.749 |
|  | Compensated | 1.599 | 3.252 | -3.895 | 0.644 | 0.668 | 0.101 | 2.243 | 3.920 | -3.794 |
| 200,000 | Uncompensated | 0.464 | 1.338 | -2.307 | 0.602 | 0.715 | 0.000 | 1.066 | 2.053 | -2.307 |
|  | Compensated | 2.057 | 3.445 | -2.344 | 0.367 | 0.365 | 0.027 | 2.424 | 3.811 | -2.317 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 2.249 | -9.459 | 0.162 | 0.178 | 0.000 | 0.162 | 2.427 | -9.459 |
|  | Compensated | 1.817 | 4.518 | -9.539 | 0.256 | 0.273 | 0.071 | 2.073 | 4.791 | -9.468 |
| 100,000 | Uncompensated | 0.000 | 2.161 | -9.017 | 0.183 | 0.197 | 0.000 | 0.184 | 2.358 | -9.017 |
|  | Compensated | 1.744 | 4.340 | -9.092 | 0.276 | 0.290 | 0.064 | 2.019 | 4.630 | -9.027 |
| 200,000 | Uncompensated | 0.002 | 1.941 | -7.905 | 0.238 | 0.248 | 0.000 | 0.240 | 2.189 | -7.905 |
|  | Compensated | 1.564 | 3.900 | -7.960 | 0.323 | 0.333 | 0.044 | 1.887 | 4.233 | -7.916 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) | Total | Public (direct) | Private (cross) |
| 70,000 | Uncompensated | 0.000 | 3.299 | -13.259 | 0.116 | 0.217 | 0.000 | 0.116 | 3.516 | -13.259 |
|  | Compensated | 2.642 | 6.598 | -13.260 | 0.184 | 0.306 | 0.042 | 2.825 | 6.904 | -13.219 |
| 100,000 | Uncompensated | 0.000 | 3.190 | -12.864 | 0.124 | 0.221 | 0.000 | 0.124 | 3.411 | -12.864 |
|  | Compensated | 2.556 | 6.382 | -12.869 | 0.187 | 0.304 | 0.037 | 2.743 | 6.686 | -12.832 |
| 200,000 | Uncompensated | 0.000 | 2.909 | -11.791 | 0.145 | 0.234 | 0.000 | 0.145 | 3.143 | -11.791 |
|  | Compensated | 2.333 | 5.821 | -11.804 | 0.199 | 0.304 | 0.025 | 2.532 | 6.126 | -11.779 |

**APPENDIX I:**

**Elasticity for a decrease in private sector wage only**

**Table I.1 Married woman aged 30, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.002 | 5.613 | -1.396 | 0.034 | 0.330 | 0.000 | 0.036 | 5.943 | -1.396 |
|  | Compensated | 1.128 | 11.295 | -1.405 | 0.089 | 0.665 | 0.018 | 1.217 | 11.960 | -1.387 |
| 100,000 | Uncompensated | 0.009 | 4.956 | -1.251 | 0.044 | 0.407 | 0.000 | 0.052 | 5.363 | -1.251 |
|  | Compensated | 1.031 | 10.020 | -1.257 | 0.090 | 0.739 | 0.014 | 1.121 | 10.759 | -1.244 |
| 200,000 | Uncompensated | 0.033 | 3.797 | -0.965 | 0.059 | 0.498 | 0.000 | 0.092 | 4.295 | -0.965 |
|  | Compensated | 0.871 | 7.804 | -0.968 | 0.079 | 0.743 | 0.005 | 0.949 | 8.546 | -0.962 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 10.338 | -2.710 | 0.098 | 0.218 | 0.000 | 0.098 | 10.556 | -2.710 |
|  | Compensated | 2.147 | 20.731 | -2.724 | 0.189 | 0.427 | 0.007 | 2.336 | 21.158 | -2.717 |
| 100,000 | Uncompensated | 0.000 | 9.932 | -2.595 | 0.096 | 0.226 | 0.000 | 0.096 | 10.159 | -2.595 |
|  | Compensated | 2.058 | 19.904 | -2.606 | 0.182 | 0.435 | 0.006 | 2.240 | 20.339 | -2.600 |
| 200,000 | Uncompensated | 0.000 | 8.903 | -2.317 | 0.090 | 0.245 | 0.000 | 0.090 | 9.148 | -2.317 |
|  | Compensated | 1.839 | 17.819 | -2.320 | 0.167 | 0.452 | 0.003 | 2.005 | 18.270 | -2.318 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 14.307 | -4.273 | 0.104 | 0.168 | 0.000 | 0.104 | 14.475 | -4.273 |
|  | Compensated | 3.290 | 28.675 | -4.291 | 0.196 | 0.322 | 0.008 | 3.486 | 28.998 | -4.284 |
| 100,000 | Uncompensated | 0.000 | 13.943 | -4.148 | 0.105 | 0.173 | 0.000 | 0.105 | 14.116 | -4.148 |
|  | Compensated | 3.197 | 27.936 | -4.163 | 0.195 | 0.327 | 0.006 | 3.392 | 28.264 | -4.157 |
| 200,000 | Uncompensated | 0.000 | 12.938 | -3.816 | 0.104 | 0.184 | 0.000 | 0.104 | 13.122 | -3.816 |
|  | Compensated | 2.947 | 25.901 | -3.823 | 0.190 | 0.336 | 0.003 | 3.137 | 26.237 | -3.820 |

**Table I.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.011 | 4.635 | -1.287 | 0.041 | 0.557 | 0.000 | 0.052 | 5.192 | -1.287 |
|  | Compensated | 1.061 | 9.490 | -1.304 | 0.117 | 1.070 | 0.038 | 1.178 | 10.561 | -1.266 |
| 100,000 | Uncompensated | 0.042 | 3.929 | -1.091 | 0.066 | 0.632 | 0.000 | 0.107 | 4.561 | -1.091 |
|  | Compensated | 1.004 | 8.243 | -1.104 | 0.105 | 0.996 | 0.026 | 1.109 | 9.239 | -1.078 |
| 200,000 | Uncompensated | 0.115 | 2.866 | -0.729 | 0.094 | 0.655 | 0.000 | 0.209 | 3.521 | -0.729 |
|  | Compensated | 0.930 | 6.355 | -0.734 | 0.057 | 0.682 | 0.008 | 0.987 | 7.037 | -0.726 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 9.593 | -2.286 | 0.045 | 0.251 | 0.000 | 0.045 | 9.844 | -2.286 |
|  | Compensated | 1.846 | 19.210 | -2.292 | 0.102 | 0.520 | 0.010 | 1.948 | 19.730 | -2.282 |
| 100,000 | Uncompensated | 0.000 | 9.138 | -2.189 | 0.043 | 0.274 | 0.000 | 0.043 | 9.411 | -2.189 |
|  | Compensated | 1.766 | 18.293 | -2.193 | 0.096 | 0.552 | 0.009 | 1.862 | 18.844 | -2.184 |
| 200,000 | Uncompensated | 0.000 | 8.000 | -1.948 | 0.041 | 0.330 | 0.000 | 0.042 | 8.330 | -1.948 |
|  | Compensated | 1.568 | 16.008 | -1.949 | 0.086 | 0.630 | 0.006 | 1.654 | 16.638 | -1.943 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 13.669 | -3.501 | 0.122 | 0.258 | 0.000 | 0.122 | 13.926 | -3.501 |
|  | Compensated | 2.787 | 27.418 | -3.522 | 0.235 | 0.509 | 0.009 | 3.023 | 27.927 | -3.513 |
| 100,000 | Uncompensated | 0.000 | 13.270 | -3.385 | 0.119 | 0.266 | 0.000 | 0.119 | 13.535 | -3.385 |
|  | Compensated | 2.697 | 26.606 | -3.402 | 0.229 | 0.517 | 0.007 | 2.926 | 27.123 | -3.395 |
| 200,000 | Uncompensated | 0.000 | 12.182 | -3.084 | 0.113 | 0.288 | 0.000 | 0.113 | 12.470 | -3.084 |
|  | Compensated | 2.461 | 24.398 | -3.093 | 0.211 | 0.542 | 0.004 | 2.672 | 24.939 | -3.088 |

**Table I.3 Married woman aged 40, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.003 | 5.430 | -1.369 | 0.032 | 0.381 | 0.000 | 0.035 | 5.811 | -1.369 |
|  | Compensated | 1.108 | 10.946 | -1.378 | 0.090 | 0.763 | 0.021 | 1.197 | 11.709 | -1.357 |
| 100,000 | Uncompensated | 0.013 | 4.749 | -1.217 | 0.045 | 0.465 | 0.000 | 0.057 | 5.214 | -1.217 |
|  | Compensated | 1.015 | 9.645 | -1.225 | 0.090 | 0.829 | 0.016 | 1.106 | 10.473 | -1.209 |
| 200,000 | Uncompensated | 0.045 | 3.587 | -0.918 | 0.064 | 0.553 | 0.000 | 0.110 | 4.140 | -0.918 |
|  | Compensated | 0.870 | 7.453 | -0.922 | 0.075 | 0.786 | 0.006 | 0.945 | 8.239 | -0.915 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 10.193 | -2.594 | 0.091 | 0.228 | 0.000 | 0.091 | 10.421 | -2.594 |
|  | Compensated | 2.068 | 20.437 | -2.607 | 0.178 | 0.451 | 0.007 | 2.246 | 20.889 | -2.600 |
| 100,000 | Uncompensated | 0.000 | 9.778 | -2.483 | 0.088 | 0.238 | 0.000 | 0.088 | 10.016 | -2.483 |
|  | Compensated | 1.980 | 19.594 | -2.492 | 0.171 | 0.462 | 0.006 | 2.151 | 20.056 | -2.486 |
| 200,000 | Uncompensated | 0.000 | 8.731 | -2.214 | 0.083 | 0.262 | 0.000 | 0.083 | 8.993 | -2.214 |
|  | Compensated | 1.766 | 17.473 | -2.216 | 0.155 | 0.487 | 0.003 | 1.921 | 17.961 | -2.213 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 14.201 | -4.120 | 0.116 | 0.194 | 0.000 | 0.116 | 14.395 | -4.120 |
|  | Compensated | 3.193 | 28.472 | -4.140 | 0.220 | 0.374 | 0.008 | 3.414 | 28.846 | -4.132 |
| 100,000 | Uncompensated | 0.000 | 13.831 | -3.995 | 0.117 | 0.200 | 0.000 | 0.117 | 14.030 | -3.995 |
|  | Compensated | 3.100 | 27.720 | -4.012 | 0.219 | 0.380 | 0.007 | 3.318 | 28.100 | -4.005 |
| 200,000 | Uncompensated | 0.000 | 12.813 | -3.665 | 0.115 | 0.212 | 0.000 | 0.115 | 13.024 | -3.665 |
|  | Compensated | 2.850 | 25.654 | -3.673 | 0.211 | 0.390 | 0.004 | 3.061 | 26.044 | -3.670 |

**Table I.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.014 | 4.426 | -1.265 | 0.048 | 0.583 | 0.000 | 0.062 | 5.009 | -1.265 |
|  | Compensated | 1.055 | 9.127 | -1.285 | 0.128 | 1.099 | 0.042 | 1.183 | 10.226 | -1.243 |
| 100,000 | Uncompensated | 0.054 | 3.734 | -1.053 | 0.074 | 0.648 | 0.000 | 0.128 | 4.382 | -1.053 |
|  | Compensated | 1.014 | 7.936 | -1.069 | 0.107 | 0.968 | 0.028 | 1.121 | 8.905 | -1.041 |
| 200,000 | Uncompensated | 0.136 | 2.717 | -0.678 | 0.102 | 0.652 | 0.000 | 0.238 | 3.369 | -0.678 |
|  | Compensated | 0.956 | 6.152 | -0.683 | 0.049 | 0.593 | 0.008 | 1.005 | 6.745 | -0.675 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 9.426 | -2.241 | 0.032 | 0.262 | 0.000 | 0.032 | 9.689 | -2.241 |
|  | Compensated | 1.811 | 18.869 | -2.245 | 0.082 | 0.548 | 0.011 | 1.893 | 19.418 | -2.234 |
| 100,000 | Uncompensated | 0.000 | 8.958 | -2.147 | 0.031 | 0.289 | 0.000 | 0.031 | 9.247 | -2.147 |
|  | Compensated | 1.732 | 17.928 | -2.149 | 0.078 | 0.588 | 0.010 | 1.809 | 18.516 | -2.139 |
| 200,000 | Uncompensated | 0.001 | 7.793 | -1.910 | 0.031 | 0.355 | 0.000 | 0.032 | 8.148 | -1.910 |
|  | Compensated | 1.536 | 15.593 | -1.911 | 0.070 | 0.681 | 0.007 | 1.606 | 16.273 | -1.903 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income |  | Probability of working | | | Conditional hours | | | Unconditional hours | | |
|  |  | All | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) | Total | Private (direct) | Public (cross) |
| 70,000 | Uncompensated | 0.000 | 13.506 | -3.361 | 0.111 | 0.262 | 0.000 | 0.111 | 13.768 | -3.361 |
|  | Compensated | 2.691 | 27.088 | -3.379 | 0.218 | 0.522 | 0.008 | 2.909 | 27.610 | -3.371 |
| 100,000 | Uncompensated | 0.000 | 13.099 | -3.249 | 0.109 | 0.272 | 0.000 | 0.109 | 13.370 | -3.249 |
|  | Compensated | 2.603 | 26.259 | -3.264 | 0.211 | 0.533 | 0.007 | 2.814 | 26.792 | -3.257 |
| 200,000 | Uncompensated | 0.000 | 11.989 | -2.958 | 0.102 | 0.299 | 0.000 | 0.102 | 12.288 | -2.958 |
|  | Compensated | 2.372 | 24.008 | -2.965 | 0.193 | 0.567 | 0.005 | 2.566 | 24.575 | -2.961 |

**APPENDIX J. Elasticity of an increase in minimum tax deduction on probabilities of working and on expected conditional and unconditional hours.**

**Table J.1 Married woman aged 30, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.001 | 0.000 | 0.005 | -0.007 | -0.006 | -0.009 | -0.006 | -0.007 | -0.004 |
|  | Compensated | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 |
| 100,000 | Uncompensated | 0.003 | 0.002 | 0.006 | -0.005 | -0.005 | -0.007 | -0.002 | -0.003 | 0.000 |
|  | Compensated | 0.003 | 0.003 | 0.003 | 0.000 | 0.000 | 0.000 | 0.003 | 0.003 | 0.003 |
| 200,000 | Uncompensated | 0.013 | 0.012 | 0.014 | -0.002 | -0.002 | -0.003 | 0.010 | 0.010 | 0.011 |
|  | Compensated | 0.013 | 0.013 | 0.013 | 0.000 | 0.000 | 0.000 | 0.013 | 0.013 | 0.013 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | 0.000 | -0.001 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | -0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Table J.2 Married woman aged 30, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.004 | 0.002 | 0.012 | -0.016 | -0.016 | -0.018 | -0.012 | -0.013 | -0.005 |
|  | Compensated | 0.004 | 0.004 | 0.005 | 0.000 | 0.000 | 0.000 | 0.004 | 0.004 | 0.004 |
| 100,000 | Uncompensated | 0.018 | 0.017 | 0.023 | -0.012 | -0.012 | -0.012 | 0.006 | 0.005 | 0.011 |
|  | Compensated | 0.018 | 0.018 | 0.018 | 0.000 | 0.000 | 0.000 | 0.018 | 0.017 | 0.018 |
| 200,000 | Uncompensated | 0.053 | 0.053 | 0.054 | -0.004 | -0.004 | -0.004 | 0.049 | 0.048 | 0.050 |
|  | Compensated | 0.053 | 0.053 | 0.053 | -0.001 | -0.001 | -0.001 | 0.053 | 0.052 | 0.053 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.002 | -0.002 | -0.002 | -0.002 | -0.002 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.002 | -0.001 | -0.002 | -0.002 | -0.002 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.001 | 0.000 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Table J.3 Married woman aged 40, no children**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.001 | 0.000 | 0.006 | -0.009 | -0.008 | -0.011 | -0.007 | -0.008 | -0.004 |
|  | Compensated | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.000 | 0.001 | 0.001 | 0.001 |
| 100,000 | Uncompensated | 0.005 | 0.004 | 0.009 | -0.007 | -0.006 | -0.008 | -0.002 | -0.002 | 0.001 |
|  | Compensated | 0.005 | 0.005 | 0.005 | 0.000 | 0.000 | 0.000 | 0.005 | 0.005 | 0.005 |
| 200,000 | Uncompensated | 0.018 | 0.018 | 0.019 | -0.003 | -0.003 | -0.003 | 0.015 | 0.015 | 0.016 |
|  | Compensated | 0.018 | 0.018 | 0.018 | 0.000 | 0.000 | 0.000 | 0.018 | 0.018 | 0.018 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.001 | 0.000 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | 0.000 | -0.001 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

**Table J.4 Married woman aged 40, one child aged 0-6 and one child aged 7-17**

Wage NOK 70

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.006 | 0.004 | 0.014 | -0.018 | -0.018 | -0.019 | -0.012 | -0.014 | -0.005 |
|  | Compensated | 0.006 | 0.006 | 0.006 | 0.000 | 0.000 | 0.000 | 0.006 | 0.006 | 0.006 |
| 100,000 | Uncompensated | 0.024 | 0.022 | 0.028 | -0.013 | -0.013 | -0.013 | 0.011 | 0.010 | 0.015 |
|  | Compensated | 0.024 | 0.024 | 0.024 | -0.001 | -0.001 | -0.001 | 0.023 | 0.023 | 0.023 |
| 200,000 | Uncompensated | 0.066 | 0.065 | 0.067 | -0.005 | -0.005 | -0.005 | 0.061 | 0.060 | 0.062 |
|  | Compensated | 0.066 | 0.066 | 0.066 | -0.001 | -0.001 | -0.001 | 0.065 | 0.065 | 0.065 |

Wage NOK 200

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.002 | -0.002 | -0.003 | -0.002 | -0.002 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.002 | -0.002 | -0.003 | -0.002 | -0.002 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.001 | -0.001 | -0.001 | -0.002 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

Wage NOK 300

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Income | Direct Elasticity | Probability of working | | | Conditional mean hours | | | Unconditional mean hours | | |
|  |  | All | Public | Private | All | Public | Private | All | Public | Private |
| 70,000 | Uncompensated | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.002 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 100,000 | Uncompensated | 0.000 | 0.000 | 0.000 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 200,000 | Uncompensated | 0.000 | 0.000 | 0.000 | -0.001 | 0.000 | -0.001 | -0.001 | 0.000 | -0.001 |
|  | Compensated | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

1. As of March 2018, 1 USD = NOK 7.80. [↑](#footnote-ref-1)