

External appendix to: The Impact of Obesity on Wages: the Role of Personal Interactions and Job Selection

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1 First stage results for specification (K)

	Women			Men		
	White	Black	Hispanic	White	Black	Hispanic
Sibling's job type	0.089* (0.038)	0.12* (0.051)	-0.046 (0.071)	0.13*** (0.039)	-0.017 (0.058)	-0.080 (0.068)
Underweight	0.016 (0.18)	0.093 (0.41)	0.19 (0.39)	0.078 (0.42)	-0.62 (0.98)	0.14 (0.64)
Overweight	0.13 (0.096)	0.23 (0.13)	-0.050 (0.17)	0.29** (0.094)	0.10 (0.13)	0.050 (0.16)
Obese	0.0052 (0.14)	0.11 (0.19)	-0.17 (0.24)	0.40** (0.15)	-0.046 (0.20)	-0.061 (0.25)
Age	0.19* (0.081)	0.10 (0.12)	-0.071 (0.15)	0.11 (0.077)	-0.042 (0.11)	0.19 (0.13)
Number of Children	-0.11 (0.073)	0.056 (0.097)	-0.048 (0.13)	-0.059 (0.058)	-0.13 (0.075)	0.083 (0.094)
Age of Youngest Child	-0.017 (0.011)	0.037{** (0.013)	-0.0068 (0.018)	-0.017 (0.012)	-0.017 (0.016)	-0.0041 (0.018)
Highest Grade	0.30*** (0.045)	0.28*** (0.080)	0.32*** (0.094)	0.34*** (0.048)	0.16 (0.085)	0.11 (0.070)
Job Tenure (wks)	0.00057** (0.00020)	0.00018 (0.00027)	-0.000052 (0.00037)	0.0012*** (0.00018)	0.00087** (0.00029)	0.0015*** (0.00031)
Enrolled in School	-0.45*** (0.10)	-0.47** (0.16)	-0.032 (0.20)	-0.49*** (0.12)	-0.80*** (0.22)	-0.93*** (0.22)
Experience (1000 hrs)	0.031*** (0.0080)	0.017 (0.011)	0.049*** (0.015)	0.014 (0.0087)	-0.0066 (0.011)	-0.0060 (0.014)
Year	-0.19* (0.083)	-0.094 (0.12)	0.066 (0.15)	-0.079 (0.079)	0.12 (0.12)	-0.13 (0.14)
Married	0.29** (0.11)	0.23 (0.17)	0.14 (0.21)	0.18 (0.11)	0.22 (0.18)	0.20 (0.20)
Separated	0.45* (0.21)	0.50* (0.24)	0.29 (0.30)	-0.31 (0.23)	-0.0032 (0.24)	-0.025 (0.32)
Divorce	0.36* (0.15)	0.61* (0.24)	0.11 (0.28)	0.0088 (0.16)	0.027 (0.24)	0.40 (0.28)
Widowed	-1.91** (0.74)	-0.57 (0.75)	-0.39 (0.70)	-0.68 (0.96)	-0.59 (0.94)	-0.79 (1.19)
N	8357	4012	2475	9464	3935	3030

Fixed effect logit regression. Specification also includes three region dummies and dummies for missing information about age of youngest child and work tenure. Standard errors in parentheses, * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

2 First Stage Results for Specification (WR)

	Women			Men		
	White	Black	Hispanic	White	Black	Hispanic
Sibling Job Type	0.089*** (0.014)	0.063*** (0.019)	0.046 (0.026)	0.087*** (0.014)	0.049* (0.019)	0.028 (0.024)
Under weight	0.132* (0.067)	0.023 (0.148)	0.183 (0.165)	0.161 (0.180)	-0.457 (0.354)	0.053 (0.245)
Overweight	0.013 (0.033)	0.174*** (0.047)	-0.070 (0.059)	-0.047 (0.028)	0.123** (0.043)	0.004 (0.051)
Obese	-0.106** (0.037)	0.095* (0.046)	-0.167* (0.065)	-0.077* (0.035)	0.147** (0.051)	-0.079 (0.059)
Age	-0.008 (0.007)	-0.027** (0.010)	0.011 (0.013)	-0.020** (0.007)	-0.030** (0.010)	-0.000 (0.012)
Number of Children	-0.036 (0.020)	0.016 (0.022)	0.012 (0.030)	-0.054*** (0.015)	-0.023 (0.015)	-0.045* (0.022)
Age of Youngest Child	-0.013** (0.004)	0.012* (0.005)	-0.010 (0.007)	-0.017*** (0.004)	-0.006 (0.006)	-0.007 (0.007)
Highest Grade	0.164*** (0.008)	0.214*** (0.013)	0.192*** (0.015)	0.205*** (0.008)	0.210*** (0.011)	0.173*** (0.012)
Job Tenure	-0.000 (0.000)	-0.000 (0.000)	0.000* (0.000)	0.000*** (0.000)	-0.000 (0.000)	0.000*** (0.000)
Year	0.007 (0.007)	0.002 (0.010)	-0.001 (0.013)	0.014* (0.006)	0.024* (0.010)	0.009 (0.011)
Work Experience (1000s hours)	0.017*** (0.002)	0.024*** (0.003)	0.011** (0.003)	0.016*** (0.002)	0.012*** (0.002)	0.008* (0.003)
Married	0.208*** (0.037)	0.104* (0.045)	0.056 (0.067)	0.160*** (0.036)	0.215*** (0.053)	0.009 (0.062)
Separated	0.175* (0.084)	0.032 (0.069)	-0.125 (0.110)	-0.119 (0.093)	0.082 (0.081)	-0.060 (0.116)
Divorce	0.090 (0.050)	0.069 (0.064)	-0.071 (0.094)	0.033 (0.051)	0.068 (0.070)	0.144 (0.088)
Widowed	-0.497 (0.303)	-0.316 (0.220)	-0.455 (0.246)	-0.263 (0.313)	0.051 (0.258)	-0.244 (0.514)
Enrolled in school	-0.120** (0.045)	-0.061 (0.071)	0.018 (0.092)	-0.124** (0.047)	0.118 (0.085)	-0.123 (0.089)
AFQT	0.003*** (0.001)	0.009*** (0.001)	0.005*** (0.001)	0.007*** (0.001)	0.010*** (0.001)	0.010*** (0.001)
Mother's highest grade	0.018* (0.007)	-0.023* (0.009)	-0.002 (0.008)	-0.009 (0.007)	-0.005 (0.009)	0.005 (0.007)
Father's highest grade	0.023*** (0.005)	0.013* (0.006)	0.009 (0.008)	0.026*** (0.005)	-0.000 (0.007)	0.018** (0.006)
Constant	-16.027 (13.814)	-6.225 (18.727)	-0.862 (25.227)	-30.021* (12.063)	-51.258** (18.728)	-20.276 (21.817)
N	11305	5608	3278	13152	6429	4294
R-Squared	0.151	0.164	0.15	0.218	0.181	0.177
Log-Likelihood	-6339.6	-3246.6	-1867.5	-7122.4	-3182.9	-2406.7

Probit regression, dependent variable: dummy variable for a job with high level of personal interactions. Controlling also for three region dummies, dummies for missing age of youngest child, missing work tenure, and missing mother and father's schooling *p\$<\$0.05, ** p\$<\$0.01, *** p\$<\$0.001

3 Second stage, full set of estimates, Specification K

Jobs with high level of personal interactions

	Women			Men		
	White	Black	Hispanic	White	Black	Hispanic
Underweight	-0.125 (0.110)	-0.01 (0.104)	-0.068 (0.061)	0.539 (0.137)	0.016 (0.000)	0.42 (0.563)
Overweight	-0.044 (0.037)	0.036 (0.114)	0.042 (0.107)	-0.057 (0.088)	0.002 (0.066)	-0.378 (0.118)
Obese	-0.108 (0.049)	-0.097 (0.144)	0.038 (0.130)	0.347 (0.427)	0.039 (0.064)	-0.337 (0.140)
Age	0.128 (0.052)	-0.013 (0.061)	0.035 (0.065)	-0.03 (0.036)	0.062 (0.053)	0.126 (0.108)
Number of Children	0.025 (0.065)	-0.232 (0.132)	0.125 (0.121)	-0.359 (0.261)	-0.027 (0.076)	-0.049 (0.092)
Age of Youngest Child	0.004 (0.014)	-0.015 (0.015)	0.027 (0.012)	-0.018 (0.015)	-0.001 (0.021)	-0.01 (0.022)
Highest Grade	0.199 (0.108)	-0.074 (0.138)	-0.284 (0.264)	-0.071 (0.224)	-0.124 (0.100)	0.01 (0.065)
Job Tenure (wks)	0 (0.000)	0 (0.000)	0.001 (0.000)	0 (0.000)	0 (0.000)	0.001 (0.001)
Enrolled in School	-0.147 (0.126)	0.17 (0.099)	0.017 (0.093)	0.035 (0.208)	-0.285 (0.343)	-0.487 (0.230)
Work Experience (1000s hrs)	0.044 (0.013)	0.029 (0.023)	-0.021 (0.026)	0.045 (0.023)	-0.001 (0.020)	0.034 (0.026)
Year	-0.185 (0.059)	-0.055 (0.080)	-0.009 (0.068)	-0.037 (0.047)	-0.061 (0.094)	-0.173 (0.125)
Married	-0.061 (0.193)	-0.338 (0.356)	0.039 (0.063)	-0.048 (0.142)	0.354 (0.236)	0.009 (0.115)
Separated	-0.051 (0.210)	-0.436 (0.363)	0.066 (0.089)	-0.155 (0.412)	0.437 (0.263)	0.039 (0.120)
Divorce	-0.127 (0.207)	-0.328 (0.375)	0.085 (0.081)	0.017 (0.189)	0.328 (0.260)	0.808 (0.398)
Widowed	0 (0.000)	0.003 (0.000)	0 (0.000)	-0.03 (0.000)	-0.038 (0.005)	-0.088 (0.000)
Fast Bandwidth	0.23	0.27	0.30	0.23	0.26	0.29
Slow Bandwidth	0.86	0.88	0.89	0.86	0.87	0.88

Dependent variable: $\ln(\text{wage})$. Specification also includes three region dummies and dummies for missing information about age of youngest child and work tenure. Standard errors in parentheses.

Jobs with low level of personal interactions

	Women			Males		
	White	Black	Hispanic	White	Black	Hispanic
Underweight	-0.013 (0.044)	-0.193 (0.067)	0.15 (0.105)	-0.01 (0.088)	0.278 (0.174)	-0.174 (0.100)
Overweight	0.017 (0.066)	0.128 (0.085)	0.105 (0.057)	0.026 (0.077)	-0.055 (0.047)	-0.057 (0.040)
Obese	-0.046 (0.079)	-0.018 (0.088)	0.156 (0.083)	-0.052 (0.096)	-0.065 (0.065)	-0.09 (0.057)
Age	0.065 (0.085)	0.04 (0.059)	0.028 (0.060)	0.01 (0.050)	0.096 (0.040)	-0.01 (0.055)
Number of Children	0.159 (0.066)	-0.121 (0.049)	-0.113 (0.075)	0.053 (0.050)	0.022 (0.053)	-0.131 (0.077)
Age of Youngest Child	0.023 (0.010)	0 (0.012)	-0.023 (0.013)	-0.005 (0.010)	0.018 (0.009)	-0.03 (0.011)
Highest Grade	-0.444 (0.140)	0.183 (0.060)	-0.281 (0.113)	-0.12 (0.107)	-0.145 (0.113)	-0.112 (0.030)
Job Tenure (wks)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)
Enrolled in School	0.309 (0.292)	-0.218 (0.175)	0.06 (0.063)	0.028 (0.094)	0.39 (0.313)	0.311 (0.432)
Work Experience (1000s hrs)	0.013 (0.010)	0.047 (0.026)	-0.003 (0.012)	-0.013 (0.010)	0.006 (0.011)	0.017 (0.014)
Year	-0.09 (0.087)	-0.058 (0.050)	-0.008 (0.065)	0.029 (0.056)	-0.107 (0.045)	0.015 (0.049)
Married	0.113 (0.118)	-0.078 (0.134)	0.109 (0.108)	0.114 (0.114)	-0.116 (0.133)	0.062 (0.133)
Separated	0.125 (0.154)	-0.182 (0.183)	0.109 (0.125)	0.195 (0.139)	-0.139 (0.114)	0.079 (0.163)
Divorce	0.124 (0.132)	0.233 (0.184)	0.238 (0.130)	0.036 (0.137)	-0.193 (0.117)	0.537 (0.298)
Widowed	0 (0.000)	-0.01 (0.000)	-0.046 (0.000)	-0.002 (0.003)	0.008 (0.000)	0.486 (0.358)
Fast Bandwidth	0.23	0.27	0.30	0.23	0.26	0.29
Slow Bandwidth	0.86	0.88	0.89	0.86	0.87	0.88

Dependent variable: $\ln(\text{wage})$. Specification also includes three region dummies and dummies for missing information about age of youngest child and work tenure. Standard errors in parentheses.