

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 (1)

The following table displays the detailed results of the probit regression used in the first stage of specification (1). The Dependent variable is the dummy variable for a job with high level of social interaction.

	White women	Black women	Hisp. women	White Men	Black men	Hisp. men
BMI Adjusted	-0.00207 (0.00233)	0.00377 (0.00280)	-0.0118** (0.00435)	-0.00341 (0.00289)	0.00246 (0.00394)	-0.00795 (0.00449)
Sibling's Job interaction	0.0915*** (0.0136)	0.0553** (0.0190)	0.0397 (0.0266)	0.0758*** (0.0133)	0.0697*** (0.0193)	0.00237 (0.0238)
Age	0.00326 (0.00660)	-0.0156 (0.00972)	0.00406 (0.0126)	-0.00619 (0.00612)	-0.0254** (0.00921)	-0.00844 (0.0111)
Number of Children	-0.0212 (0.0184)	0.0184 (0.0219)	0.000668 (0.0288)	-0.0309* (0.0155)	-0.0188 (0.0157)	-0.0374 (0.0229)
Age of Youngest Child	-0.0171*** (0.00442)	0.00867 (0.00533)	-0.0103 (0.00747)	-0.0147** (0.00470)	-0.00323 (0.00687)	-0.00753 (0.00780)
Highest Grade	0.147*** (0.00765)	0.178*** (0.0128)	0.144*** (0.0136)	0.200*** (0.00742)	0.196*** (0.0116)	0.159*** (0.0120)
Mother Highest Grade	0.0238*** (0.00666)	-0.0250** (0.00935)	0.0109 (0.00820)	0.000543 (0.00642)	-0.00786 (0.00900)	0.00282 (0.00663)
Father Highest Grade	0.0155** (0.00494)	0.0210** (0.00650)	-0.00638 (0.00766)	0.0156*** (0.00470)	0.000860 (0.00669)	0.0189** (0.00637)
Job Tenure (wks)	0.0000646 (0.0000755)	0.00000701 (0.000108)	0.000582*** (0.000157)	0.000381*** (0.0000631)	0.0000353 (0.000103)	0.000497*** (0.000119)
Enrolled in School	-0.0760 (0.0427)	-0.00655 (0.0711)	0.0555 (0.0893)	-0.0925* (0.0461)	0.0830 (0.0833)	-0.130 (0.0857)
Work Experience (1000s hrs)	0.00937*** (0.00216)	0.0180*** (0.00294)	0.00222 (0.00376)	0.0123*** (0.00183)	0.00788** (0.00250)	0.00269 (0.00326)
Year	0.00241 (0.00643)	-0.000827 (0.00952)	0.0177 (0.0125)	0.00708 (0.00580)	0.0247** (0.00916)	0.0259* (0.0107)
Married	0.196*** (0.0350)	0.0174 (0.0453)	0.0781 (0.0652)	0.135*** (0.0348)	0.268*** (0.0536)	0.0164 (0.0615)
Separated	0.172* (0.0765)	-0.0115 (0.0685)	-0.0604 (0.107)	-0.0733 (0.0820)	0.155 (0.0806)	-0.0657 (0.111)
Divorce	0.0692 (0.0481)	-0.0588 (0.0692)	-0.101 (0.0966)	0.0383 (0.0495)	0.0967 (0.0755)	0.163 (0.0892)
Widowed	-0.247 (0.293)	-0.361 (0.202)	-0.586* (0.265)	-0.179 (0.373)	0.267 (0.260)	-0.428 (0.502)
Going to School	-0.234* (0.0932)	-0.0946 (0.149)	-0.223 (0.192)	-0.277** (0.0847)	-0.00463 (0.162)	0.0899 (0.176)
Constant	-7.260	-0.738	-36.62	-17.16	-51.76**	-53.64*

	(12.64)	(18.73)	(24.51)	(11.42)	(18.01)	(20.99)
N	13733	6442	3808	14147	6981	4538
Pseudo R-Squared	0.193	0.268	0.209	0.220	0.306	0.215
Log-Likelihood	-7002.5	-3190.9	-1917.1	-7614.1	-3248.8	-2445.6

2 First Stage Results for Specification (2)

The following table displays the detailed results of the logistic regression used in the first stage of specification (2). The Dependent variable is the dummy variable for a job with high level of social interaction. The coefficients used to estimate the second stage for jobs with low levels of social interactions are the negative values of these coefficients.

Dependent variable: job with high social interactions dummy

	White women	Black women	Hisp. women	White males	Black males	Hisp. males
Underweight	-0.15 (0.17)	-0.25 (0.41)	0.23 (0.40)	0.24 (0.42)	0.39 (0.72)	-0.16 (0.61)
Overweight	0.15 (0.098)	0.17 (0.14)	0.14 (0.18)	0.23* (0.094)	0.029 (0.14)	0.11 (0.16)
Obese	0.17 (0.15)	0.17 (0.19)	0.024 (0.26)	0.19 (0.16)	0.077 (0.21)	0.040 (0.25)
Sibling's Job interaction	0.095* (0.037)	0.10 (0.053)	-0.063 (0.076)	0.12** (0.039)	-0.029 (0.059)	-0.054 (0.070)
Age	0.14 (0.080)	0.13 (0.13)	0.015 (0.16)	0.21** (0.079)	0.12 (0.12)	0.16 (0.14)
Number of children	-0.084 (0.057)	0.13 (0.089)	-0.096 (0.11)	0.0011 (0.052)	-0.11 (0.076)	0.11 (0.083)
age y child	-0.0025 (0.011)	0.033* (0.013)	0.0079 (0.019)	-0.011 (0.011)	-0.028 (0.015)	0.0050 (0.019)
highestgrade	0.34*** (0.046)	0.27** (0.082)	0.22* (0.095)	0.33*** (0.050)	0.22* (0.10)	0.11 (0.086)
worktenure	0.00050* (0.00023)	0.00025 (0.00031)	0.00043 (0.00043)	0.0012*** (0.00020)	0.00072* (0.00032)	0.0018*** (0.00036)
enrolled	-0.32** (0.10)	-0.29 (0.17)	-0.010 (0.21)	-0.43*** (0.12)	-0.72** (0.23)	-0.74*** (0.22)
exphrs	0.033*** (0.0088)	0.016 (0.012)	0.038* (0.016)	0.020* (0.0099)	0.0056 (0.012)	0.011 (0.016)
year	-0.16* (0.081)	-0.13 (0.13)	-0.018 (0.16)	-0.19* (0.081)	-0.072 (0.12)	-0.15 (0.14)
Married	0.32** (0.10)	0.18 (0.17)	0.25 (0.21)	0.15 (0.10)	0.39* (0.17)	0.47* (0.19)
Separated	0.52** (0.20)	0.43 (0.24)	0.27 (0.30)	-0.15 (0.23)	-0.019 (0.25)	0.18 (0.32)
Divorced	0.35* (0.15)	0.21 (0.25)	0.14 (0.29)	0.049 (0.16)	0.096 (0.25)	0.65* (0.29)
Widowed	-1.74 (0.90)	-0.41 (0.70)	0.94 (0.82)	-0.87 (1.01)	-1.44 (1.27)	-12.8 (573.6)
N	8188	3522	2133	9001	3713	2888

Standard errors in parentheses

* $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$

3 Second stage, full set of estimates, Specification 2

Dependent variable: $\ln(\text{wage})$, Jobs with high social interactions

	White women	Black women	Hisp. women	White males	Black males	Hisp. males
Underweight	-0.042 (0.049)	0.205 (0.072)	-0.126 (0.091)	-0.051 (0.225)	-0.024 (0.000)	1.112 (0.814)
Overweight	-0.075 (0.037)	-0.009 (0.075)	0.014 (0.129)	-0.025 (0.052)	0.069 (0.033)	-0.338 (0.117)
Obese	-0.097 (0.045)	-0.074 (0.099)	-0.034 (0.131)	-0.046 (0.077)	0.125 (0.059)	-0.199 (0.122)
Age	0.059 (0.033)	0.003 (0.061)	-0.069 (0.060)	0.022 (0.032)	-0.025 (0.054)	0.05 (0.115)
Number of Children	0.004 (0.039)	-0.066 (0.073)	-0.171 (0.070)	0.066 (0.073)	-0.087 (0.074)	-0.195 (0.067)
Age of Youngest Child	-0.001 (0.008)	-0.013 (0.011)	-0.01 (0.007)	-0.003 (0.010)	-0.001 (0.010)	-0.028 (0.016)
Highest Grade	-0.028 (0.015)	0.09 (0.101)	-0.108 (0.084)	-0.042 (0.068)	0.147 (0.104)	-0.001 (0.096)
Job Tenure (wks)	0 (0.000)	0.001 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)
Enrolled in School	-0.008 (0.047)	-0.11 (0.096)	0 (0.073)	0.019 (0.078)	-0.287 (0.226)	-0.107 (0.195)
Work Experience (1000s hrs)	0.024 (0.006)	0.013 (0.016)	-0.005 (0.015)	-0.025 (0.017)	0.026 (0.020)	0.014 (0.024)
Year	-0.086 (0.035)	-0.024 (0.066)	0.125 (0.073)	0.057 (0.041)	-0.02 (0.063)	-0.024 (0.114)
Married	-0.232 (0.142)	-0.231 (0.161)	0.102 (0.063)	0.143 (0.065)	0.259 (0.242)	-0.363 (0.172)
Separated	-0.195 (0.161)	-0.297 (0.181)	0.078 (0.087)	0.146 (0.165)	-0.081 (0.391)	-0.201 (0.153)
Divorce	-0.228 (0.147)	-0.301 (0.161)	0.082 (0.083)	0.222 (0.088)	0.193 (0.286)	-0.072 (0.252)
Widowed	-0.088 (0.000)	0.312 (0.079)	- (-)	-0.009 (0.128)	-0.108 (0.000)	- (-)
Fast bandwidth	0.45	.53	.59	.45	.52	.57
Slow Bandwidth	1.72	1.75	1.77	1.72	1.75	1.76

Dependent variable: ln(wage), Jobs with high social interactions

	White women	Black women	Hisp. women	White males	Black males	Hisp. males
Underweight	-0.04 (0.054)	-0.19 (0.102)	0.118 (0.101)	0.027 (0.101)	-0.132 (0.183)	-0.116 (0.047)
Overweight	-0.019 (0.044)	0.001 (0.049)	-0.085 (0.053)	0.104 (0.052)	0.089 (0.044)	-0.031 (0.037)
Obese	-0.094 (0.081)	-0.094 (0.077)	-0.071 (0.078)	0.04 (0.063)	0.119 (0.066)	-0.1 (0.054)
Age	-0.034 (0.040)	0.079 (0.032)	-0.041 (0.062)	-0.013 (0.031)	0.08 (0.035)	-0.02 (0.033)
Number of Children	0.055 (0.037)	-0.102 (0.061)	-0.032 (0.063)	0.08 (0.036)	-0.046 (0.047)	-0.048 (0.047)
Age of Youngest Child	0.024 (0.008)	0.009 (0.006)	-0.002 (0.008)	0.005 (0.008)	0.001 (0.006)	-0.009 (0.009)
Highest Grade	-0.008 (0.119)	0.067 (0.127)	0.082 (0.082)	-0.015 (0.043)	0.091 (0.139)	-0.072 (0.038)
Job Tenure (wks)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)	0 (0.000)
Enrolled in School	0.083 (0.105)	0.031 (0.086)	-0.012 (0.049)	0.166 (0.107)	-0.564 (0.257)	0.572 (0.159)
Work Experience (1000s hrs)	0.02 (0.010)	0.005 (0.007)	0.014 (0.012)	-0.001 (0.005)	-0.002 (0.010)	0.041 (0.010)
Year	0.002 (0.044)	-0.077 (0.033)	0.044 (0.065)	0.019 (0.030)	-0.064 (0.034)	-0.035 (0.034)
Married	-0.077 (0.091)	-0.027 (0.090)	0.126 (0.108)	-0.082 (0.074)	-0.032 (0.091)	-0.037 (0.094)
Separated	0.003 (0.118)	-0.246 (0.175)	0.159 (0.109)	0.058 (0.083)	-0.059 (0.094)	0.035 (0.114)
Divorce	-0.02 (0.101)	-0.216 (0.144)	0.131 (0.113)	-0.24 (0.096)	0.025 (0.113)	-0.193 (0.132)
Widowed	0 (0.000)	-0.103 (0.123)	-0.61 (0.253)	0.005 (0.000)	0.004 (0.000)	0 (0.000)
Fast bandwidth	0.45	.53	.59	.45	.52	.57
Slow Bandwidth	1.72	1.75	1.77	1.72	1.75	1.76