

The Dynamics of the Smoking Wage Penalty: Appendix*

Michael E. Darden
Johns Hopkins University and NBER

Julie L. Hotchkiss
Federal Reserve Bank of Atlanta and Georgia State University

M. Melinda Pitts
Federal Reserve Bank of Atlanta

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1 Other Parameter Estimates

Tables 1-6 present coefficient estimates and standard errors from our preferred model in which we jointly estimate equations for smoking, education enrollment, employment, sample attrition, log wages, mental reasoning, and physical strenuousness. The log wage equation parameters are presented in Table 5 of the main text.

Table 1: Smoking Equation Parameters

	Women				Men			
	Light Smoking		Heavy Smoking		Light Smoking		Heavy Smoking	
	Coef.	St. Err.						
L. Light Smoking	1.4489	0.1707	1.754	0.2062	1.4762	0.1537	1.5241	0.1797
L. Heavy Smoking	1.2859	0.2547	3.5976	0.2093	1.4286	0.2105	3.255	0.1637
Age*L. Light Smoking	0.171	0.0541	0.0904	0.0692	0.1466	0.0479	0.0927	0.0594
Age Squared/100 * L. Light Smoking	-1.0948	0.3544	-1.0995	0.4586	-0.8439	0.3093	-0.7395	0.3782
Age*L. Heavy Smoking	0.1496	0.0758	0.1635	0.0617	0.0673	0.0606	0.1571	0.0493
Age Squared/100 * L. Heavy Smoking	-1.2353	0.4688	-1.6562	0.3683	-0.7639	0.3695	-1.3107	0.3082
L. Pregnancy	0.0865	0.0865	0.3667	0.0788				
L. School Enrollment	-0.0132	0.0782	-0.0939	0.0889	-0.1116	0.0742	-0.2402	0.0806
L. Mental Reasoning	0.1069	0.163	-0.2812	0.1886	0.0363	0.1469	-0.063	0.1579
L. Physical Strenuousness	0.515	0.1959	0.1893	0.2147	0.0191	0.1106	0.0911	0.1058
L. Child in the Home	-0.0747	0.0714	0.2276	0.0745	-0.042	0.0722	0.1281	0.0687
L. Part-Time Work	0.03	0.0753	0.0633	0.0877	0.0733	0.0769	0.0903	0.0831
L. Full-Time Work	0.0021	0.0855	0.0991	0.0884	-0.0127	0.0702	-0.0513	0.0741
L. Mental Reasoning Missing	0.4747	0.28	-0.2678	0.3198	0.1263	0.1869	0.0791	0.245
L. Years of Schooling \geq 12	0.0907	0.0921	0.0787	0.100	0.1486	0.0712	0.1803	0.0756
L. Years of Schooling \geq 16	-0.0431	0.1362	0.1185	0.1587	-0.098	0.1241	0.0355	0.1439
L. Years of Schooling	-0.0243	0.0296	-0.1139	0.0332	0.0372	0.0253	-0.0924	0.0279
Job Tenure Years	-0.0141	0.0201	-0.0492	0.0233	-0.001	0.0169	-0.036	0.0166
Job Experience Years	-0.0228	0.015	-0.0287	0.0166	-0.0095	0.0124	-0.0318	0.0126
Smoking Duration	0.2304	0.0097	0.3213	0.0089	0.217	0.0083	0.2871	0.0077
Smoking Cessation	-0.0048	0.0142	-0.0518	0.0238	-0.0155	0.0124	-0.0472	0.0209
Age	-0.1386	0.0406	-0.1726	0.0512	-0.1646	0.0363	-0.1659	0.0442
Age Squared/100	0.1238	0.237	0.3819	0.2886	0.1356	0.2117	0.162	0.266
Black	-0.1919	0.1006	0.0537	0.0996	0.0861	0.0794	0.2273	0.086
Hispanic	0.1207	0.1068	-0.100	0.0985	0.2193	0.0761	-0.3432	0.0795
Asvab Score	0.0011	0.0011	-0.0003	0.0011	0.0003	0.0008	0.000	0.0009
Asvab Score Missing	0.1357	0.0797	0.0869	0.0844	0.0286	0.0622	0.168	0.0645
Survey Weight	-0.0598	0.0418	0.0708	0.0422	-0.0346	0.0332	0.1044	0.0341
Mother's Education Med.	0.2319	0.074	0.1345	0.068	-0.1144	0.0575	0.0451	0.0589
Mother's Education High	0.3561	0.0767	0.1129	0.072	-0.122	0.0619	0.0781	0.0634
Mother's Education Missing	0.1533	0.1304	0.1827	0.1199	0.1401	0.081	0.0596	0.0907
Father's Education Med.	0.2367	0.0754	0.1992	0.0728	0.0138	0.0606	0.0551	0.0613
Father's Education High	0.2844	0.0801	-0.0563	0.0782	0.0767	0.066	-0.0869	0.0679
Father's Education Missing	0.1758	0.086	0.2784	0.0812	0.0166	0.0672	-0.1028	0.0697
MSA UR	-0.0008	0.0012	-0.0007	0.0012	0.0001	0.001	0.0006	0.001
Population	0.2279	0.2695	-0.3947	0.2736	0.1596	0.2164	0.0215	0.2317
Man. Share	-0.1125	0.4282	0.0436	0.4708	-0.2622	0.3547	0.9076	0.3978
Service Share	0.1156	0.4594	-0.2859	0.4807	-0.2502	0.361	1.0429	0.4133
Comptuer Share	-0.0922	1.0605	-0.3152	1.1515	0.1819	0.9326	0.3346	0.9631
Earnings	0.0027	0.0037	-0.0035	0.0042	-0.0004	0.003	0.0012	0.0035
Economics Variables Missing	-0.0387	0.1579	-0.3177	0.1652	0.2013	0.1324	0.0374	0.1354
Mean Cost per Pack	-0.036	0.0599	0.0089	0.0666	-0.0071	0.0542	-0.0089	0.0545
Pack Sales Per Capita (within State)	0.0016	0.0016	0.0037	0.0017	-0.0023	0.0015	0.0009	0.0015
Gross Cigarette Tax Rev. (m \$)	0.0012	0.0007	-0.0004	0.0008	-0.002	0.0006	0.0001	0.0007
State Cigarette Tax	0.0515	0.0875	0.0962	0.0977	0.0403	0.0785	-0.0343	0.0796
Local Area Cigarette Tax	-0.0999	0.1259	0.0897	0.1197	-0.0195	0.1158	-0.0026	0.1186
Complete Ban, Partial County	0.1497	0.0674	0.0222	0.0794	0.1191	0.0594	-0.0947	0.0641
Partial Ban, Partial County	-0.0213	0.0562	0.042	0.0614	-0.0151	0.052	0.0062	0.0518
Complete Ban, Complete County	-0.0093	0.1624	-0.2186	0.1813	-0.0517	0.1327	0.1286	0.142
Partial Ban, Complete County	0.0459	0.2575	0.1603	0.3036	-0.3708	0.3416	0.3087	0.23
Statewide Complete Ban	0.0241	0.0671	-0.1267	0.0748	0.0768	0.0594	-0.058	0.0601
Statewide Partial Ban	0.0226	0.0835	0.0271	0.0934	-0.0951	0.0774	-0.086	0.0784
Missing Ban Information	0.2849	0.5653	0.432	0.3862	-0.0633	0.396	-0.1182	0.3763
Local Tax Missing	-0.1193	0.1509	-0.1065	0.1721	0.066	0.1353	-0.0119	0.1539
Constant	-2.6954	0.5884	-1.8005	0.6342	-2.2045	0.4787	-2.0838	0.5331
μ_2^w	0.0602	0.0596	-0.2481	0.0734	0.0553	0.0827	-0.6278	0.0883
μ_3^w	-0.0745	0.1037	0.3151	0.0982	0.1809	0.0678	-0.1782	0.0639
μ_4^w	0.1285	0.0933	0.4116	0.0912	0.0441	0.0758	-0.2734	0.0723

Notes: Estimates of the smoking multinomial logit by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively. The F-Statistics on the joint test that all coefficients corresponding to tobacco control policies (i.e., mean cost per pack through the local tax missing term) are zero are 55.47 (p-value=0.000) for men and 43.45 (p-value=0.0173) for women.

Table 2: Employment Equation Parameters

	Women				Men			
	Part-Time		Full-Time		Part-Time		Full-Time	
	Coef.	St. Err.						
L. Light Smoking	0.0318	0.1768	0.2505	0.1934	-0.0136	0.1831	-0.0586	0.1723
L. Heavy Smoking	-0.0666	0.1648	0.7943	0.1636	-0.0351	0.1666	0.6224	0.1424
Age*L. Light Smoking	0.0033	0.0644	-0.0508	0.0591	-0.0648	0.0661	-0.0291	0.0537
Age Squared/100 * L. Light Smoking	-0.1876	0.4637	0.2281	0.3833	0.5106	0.4592	0.2588	0.3529
Age*L. Heavy Smoking	-0.0565	0.0511	-0.2147	0.0463	-0.0624	0.0524	-0.1645	0.0414
Age Squared/100 * L. Heavy Smoking	0.3579	0.3233	1.1055	0.2816	0.5118	0.3351	0.7571	0.2568
L. Pregnancy	-0.139	0.0663	-0.3744	0.0515				
L. School Enrollment	0.2393	0.061	-0.3967	0.0495	0.3308	0.0691	-0.4895	0.0537
L. Mental Reasoning	0.6239	0.1211	1.2804	0.1149	0.7224	0.1346	1.2492	0.1146
L. Physical Strenuousness	0.5448	0.1498	0.1641	0.1419	0.3553	0.1024	0.3568	0.0838
L. Child in the Home	-0.0631	0.0585	-0.167	0.0463	-0.2767	0.0825	0.1093	0.0578
L. Part-Time Work	1.3224	0.0527	0.6687	0.0556	1.4336	0.0586	0.7401	0.0563
L. Full-Time Work	0.3717	0.0644	1.5998	0.0502	0.5619	0.0693	1.6534	0.0473
L. Mental Reasoning Missing	0.4835	0.248	0.6784	0.2171	0.2925	0.2646	0.8357	0.2075
L. Years of Schooling \geq 12	0.2525	0.0695	-0.1022	0.0592	0.1823	0.0766	-0.0093	0.0577
L. Years of Schooling \geq 16	0.0754	0.1062	0.0305	0.0881	-0.2425	0.1298	-0.0926	0.0989
L. Years of Schooling	-0.0147	0.0236	0.1376	0.019	0.0389	0.0268	0.1414	0.0199
Job Tenure Years	0.1294	0.0181	0.1177	0.0162	0.0706	0.0231	0.0953	0.0176
Job Experience Years	0.1009	0.0118	0.1716	0.0101	0.1243	0.0138	0.1853	0.0102
Smoking Duration	-0.0109	0.0095	0.0068	0.0074	-0.0349	0.0104	-0.0082	0.0071
Smoking Cessation	-0.0069	0.0073	-0.0012	0.0062	-0.0252	0.0102	-0.0032	0.0073
Age	-0.1024	0.0282	0.1168	0.0259	-0.1757	0.0328	-0.0234	0.0269
Age Squared/100	-0.0389	0.154	-1.3006	0.1385	0.4575	0.1905	-0.4204	0.1557
Black	-0.2833	0.0907	-0.0933	0.0866	-0.2582	0.096	-0.306	0.0716
Hispanic	-0.0676	0.0898	0.0016	0.0868	-0.0146	0.0875	0.1485	0.0669
Asvab Score	0.0041	0.0009	0.0012	0.0008	0.0018	0.0009	-0.0027	0.0007
Asvab Score Missing	0.1272	0.0637	0.0278	0.0546	0.0921	0.0711	-0.0996	0.0522
Survey Weight	-0.0047	0.0371	-0.0569	0.0361	0.0217	0.0412	0.0385	0.0312
Mother's Education Med.	0.1266	0.0567	0.0947	0.0484	0.1173	0.0666	0.1425	0.0494
Mother's Education High	0.0835	0.0614	-0.041	0.0543	0.1558	0.0729	-0.0003	0.0543
Mother's Education Missing	-0.091	0.1028	-0.061	0.083	-0.0721	0.1064	-0.0339	0.0721
Father's Education Med.	0.0808	0.0592	-0.0611	0.0518	0.0959	0.0727	0.0238	0.0526
Father's Education High	0.0853	0.0658	-0.1588	0.0585	0.0446	0.0772	-0.1924	0.0584
Father's Education Missing	0.0285	0.0674	-0.0788	0.0561	0.0613	0.0779	-0.0885	0.0574
MSA UR	-0.0003	0.0008	-0.003	0.0007	0.0068	0.0009	0.0043	0.0006
Population	0.3368	0.1993	0.3375	0.1808	0.7602	0.2102	0.3301	0.163
Man. Share	0.3867	0.3335	0.3944	0.3038	0.8085	0.3732	0.531	0.2882
Service Share	0.2813	0.3269	0.0446	0.2967	0.2549	0.382	0.0634	0.2826
Comptuer Share	-0.6913	0.8294	0.2927	0.7067	1.2274	0.9459	2.6051	0.6849
Earnings	-0.0033	0.0032	0.0009	0.0028	-0.0019	0.0033	0.0097	0.0027
Economics Variables Missing	-0.0885	0.1274	0.049	0.1033	-0.0317	0.1444	0.141	0.1013
Mean Cost per Pack	0.0245	0.0466	-0.123	0.043	-0.1833	0.0509	-0.1875	0.0421
Pack Sales Per Capita (within State)	-0.0002	0.0013	0.0002	0.0011	-0.0037	0.0014	-0.001	0.0012
Gross Cigarette Tax Rev. (m \$)	0.0001	0.0006	0.0002	0.0005	-0.0007	0.0007	-0.0003	0.0005
State Cigarette Tax	0.0012	0.0696	0.1719	0.0621	0.1599	0.0744	0.1587	0.0608
Local Area Cigarette Tax	0.0195	0.0852	0.1395	0.0768	0.0714	0.0922	-0.0242	0.074
Complete Ban, Partial County	-0.0056	0.0549	-0.0224	0.0475	0.1378	0.0634	0.02	0.0488
Partial Ban, Partial County	-0.0261	0.0451	-0.0167	0.0412	-0.0177	0.0514	-0.0803	0.0411
Complete Ban, Complete County	0.2157	0.13	0.1194	0.131	0.1604	0.1303	0.1465	0.111
Partial Ban, Complete County	0.1578	0.2411	0.1867	0.2211	0.7577	0.2685	0.4477	0.2492
Statewide Complete Ban	0.1291	0.0509	0.0266	0.05	-0.0641	0.0548	-0.0353	0.0483
Statewide Partial Ban	0.0863	0.0663	-0.0153	0.0573	0.0855	0.076	0.0441	0.0582
Missing Ban Information	0.5269	0.3727	0.6205	0.2909	-0.2748	0.5099	-0.0616	0.2516
Local Tax Missing	0.1663	0.1185	0.2352	0.1066	0.0693	0.122	0.0079	0.1122
Constant	-1.4714	0.4395	-2.6187	0.398	-1.6598	0.4741	-2.7724	0.3891
μ_2^w	-0.2261	0.0591	0.093	0.0541	-0.2996	0.0853	0.3689	0.0766
μ_3^w	-0.242	0.0823	-0.1592	0.0766	-0.0985	0.068	0.3539	0.0593
μ_4^w	0.1981	0.0842	-0.2171	0.0832	-0.4472	0.0834	0.4432	0.0684

Notes: Estimates of the employment multinomial logit by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively.

Table 3: Enrollment Equation Parameters

	Women		Men	
	Coef.	St. Err.	Coef.	St. Err.
L. Light Smoking	-0.3553	0.1743	-0.4457	0.1613
L. Heavy Smoking	-1.3425	0.1489	-1.2986	0.1475
Age*L. Light Smoking	0.0513	0.0593	0.0851	0.0541
Age Squared/100 * L. Light Smoking	-0.0913	0.3935	-0.3611	0.3637
Age*L. Heavy Smoking	0.2414	0.0468	0.184	0.0476
Age Squared/100 * L. Heavy Smoking	-0.9633	0.2988	-0.6384	0.3144
L. Pregnancy	-0.4015	0.0618		
L. School Enrollment	2.3245	0.044	2.4497	0.0497
L. Mental Reasoning	0.324	0.1197	-0.001	0.1161
L. Physical Strenuousness	-0.1629	0.1477	-0.193	0.0924
L. Child in the Home	0.0248	0.0501	-0.214	0.0713
L. Part-Time Work	-0.001	0.0547	-0.0373	0.0592
L. Full-Time Work	-0.2467	0.0559	-0.3224	0.0598
L. Mental Reasoning Missing	0.3199	0.220	0.1353	0.1954
L. Years of Schooling \geq 12	0.6306	0.0649	0.3037	0.0664
L. Years of Schooling \geq 16	-0.0807	0.0791	-0.2422	0.0925
L. Years of Schooling	-0.0488	0.0184	-0.0059	0.0201
Job Tenure Years	-0.023	0.013	-0.0684	0.0172
Job Experience Years	0.0213	0.0107	-0.0041	0.0107
Smoking Duration	-0.0067	0.0085	-0.0203	0.0087
Smoking Cessation	0.0013	0.0068	0.0003	0.0075
Age	-0.3967	0.0268	-0.3164	0.0293
Age Squared/100	1.4665	0.1501	1.2564	0.1725
Black	0.1772	0.0851	-0.033	0.0782
Hispanic	-0.0424	0.0859	0.1603	0.0725
Asvab Score	0.0092	0.0008	0.0107	0.0008
Asvab Score Missing	0.3609	0.0572	0.5334	0.0597
Survey Weight	-0.0422	0.0346	0.0101	0.0328
Mother's Education Med.	0.1237	0.0498	0.0943	0.0547
Mother's Education High	0.2238	0.0543	0.3512	0.0572
Mother's Education Missing	0.1906	0.0804	0.2192	0.083
Father's Education Med.	0.1774	0.052	0.0862	0.0571
Father's Education High	0.2384	0.0568	0.3492	0.0617
Father's Education Missing	0.0747	0.057	-0.0149	0.0641
MSA UR	0.0025	0.0008	0.0027	0.0008
Population	-0.1832	0.1837	-0.1824	0.2001
Man. Share	0.0683	0.3135	0.3882	0.3526
Service Share	0.2317	0.3086	0.7528	0.3435
Comptuer Share	-1.5751	0.7679	-0.5522	0.8493
Earnings	-0.0005	0.0028	-0.0033	0.0029
Economics Variables Missing	-0.0476	0.1049	-0.1831	0.1505
Mean Cost per Pack	0.0779	0.0438	-0.0601	0.0441
Pack Sales Per Capita (within State)	0.0004	0.0012	-0.0006	0.0014
Gross Cigarette Tax Rev. (m \$)	0.0005	0.0005	-0.0008	0.0006
State Cigarette Tax	-0.1746	0.0634	0.0564	0.0645
Local Area Cigarette Tax	0.1079	0.0763	0.0718	0.0834
Complete Ban, Partial County	-0.0073	0.048	0.0062	0.0511
Partial Ban, Partial County	-0.0009	0.0415	0.0628	0.045
Complete Ban, Complete County	-0.1757	0.1234	0.0578	0.1185
Partial Ban, Complete County	0.1055	0.2025	0.1925	0.2428
Statewide Complete Ban	-0.0043	0.0493	-0.069	0.0499
Statewide Partial Ban	0.0576	0.0592	0.0081	0.0654
Missing Ban Information	-0.3477	0.3002	-1.0941	0.4658
Local Tax Missing	0.2427	0.1172	0.0192	0.1234
Constant	-1.0733	0.4106	-1.4202	0.4454
μ_2^w	-0.1334	0.0508	-0.1312	0.0798
μ_3^w	-0.3465	0.0814	0.0693	0.0586
μ_4^w	0.030	0.0731	-0.6185	0.0757

Notes: Estimates of the education enrollment logit equation by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively.

Table 4: Attrition Equation Parameters

	Women		Men	
	Coef.	St. Err.	Coef.	St. Err.
Pregnant	-0.0111	0.1604		
Light Smoking	-0.4377	0.2302	-0.291	0.1605
Heavy Smoking	-0.2125	0.1871	-0.1281	0.1278
School Enrollment	0.002	0.1415	-0.2225	0.1337
Part-Time Work	-0.4092	0.1699	-0.0149	0.1695
Full-Time Work	-0.2741	0.1461	-0.2491	0.1277
Mental Reasoning	-0.1995	0.323	0.2834	0.2871
Physical Strenuousness	-0.0427	0.448	-0.3302	0.2248
Mental Reasoning Missing	-0.2518	0.59	0.1336	0.4024
Years of Schooling	0.0737	0.0404	0.0642	0.0374
Years of Schooling ≥ 12	0.0072	0.1739	-0.0647	0.1387
Years of Schooling ≥ 16	-0.179	0.1964	-0.1773	0.1952
Child in the Home	-0.4824	0.1315	-0.2809	0.1155
Smoking Duration	-0.0046	0.016	-0.0002	0.0124
Smoking Cessation	-0.0024	0.0148	0.0243	0.0118
Job Tenure Years	0.1048	0.0281	0.1007	0.0226
Job Experience Years	-0.0322	0.0231	-0.0839	0.0184
Age	0.0338	0.0568	0.1334	0.0494
Age Squared/100	0.474	0.2922	0.1492	0.266
Black	-0.3437	0.1936	-0.6865	0.2156
Hispanic	-0.231	0.1896	-0.451	0.1977
Asvab Score	-0.0025	0.0023	-0.0065	0.002
Asvab Score Missing	0.3325	0.1691	0.1617	0.1309
Survey Weight	0.1365	0.068	-0.0289	0.0873
Constant	-5.4542	0.5447	-5.3415	0.5642
μ_2^w	0.1942	0.1643	0.2244	0.2581
μ_3^w	-0.3099	0.3056	0.4822	0.2174
μ_4^w	-0.5464	0.2687	1.1097	0.2165

Notes: Estimates of the attrition logit equation by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively.

Table 5: Mental Reasoning Parameters

	Women		Men	
	Coef.	St. Err.	Coef.	St. Err.
L. Light Smoking	-0.0274	0.0091	0.0025	0.0095
L. Heavy Smoking	-0.016	0.0078	-0.0143	0.0074
Age*L. Light Smoking	0.0039	0.0029	-0.002	0.0027
Age Squared/100 * L. Light Smoking	-0.0117	0.0189	0.0164	0.017
Age*L. Heavy Smoking	0.0011	0.0021	0.0015	0.0021
Age Squared/100 * L. Heavy Smoking	-0.0007	0.0126	-0.0022	0.0128
L. Pregnancy	-0.0043	0.0028		
L. School Enrollment	-0.0032	0.0024	0.0022	0.0025
L. Mental Reasoning	0.3813	0.0042	0.433	0.0042
L. Physical Strenuousness	-0.1107	0.0069	-0.0774	0.0045
L. Child in the Home	-0.0089	0.0021	0.002	0.0022
L. Part-Time Work	-0.0379	0.0028	-0.0338	0.0029
L. Full-Time Work	-0.0242	0.0027	-0.0257	0.0027
L. Mental Reasoning Missing	0.1755	0.013	0.1569	0.0116
L. Years of Schooling \geq 12	-0.0201	0.0025	-0.0086	0.0024
L. Years of Schooling \geq 16	0.0021	0.0033	0.0086	0.0036
L. Years of Schooling	0.0149	0.0008	0.0113	0.0008
Job Tenure Years	-0.0005	0.0006	-0.0016	0.0005
Job Experience Years	0.0006	0.0004	-0.001	0.0004
Smoking Duration	-0.0004	0.0003	-0.0009	0.0003
Smoking Cessation	0.0004	0.0003	0.0004	0.0003
Age	0.005	0.0012	0.0081	0.0012
Age Squared/100	-0.0182	0.0064	-0.0256	0.0066
Black	0.0042	0.0035	-0.0208	0.003
Hispanic	0.0147	0.0034	-0.0018	0.0028
Asvab Score	0.0006	0.000	0.0003	0.000
Asvab Score Missing	0.0196	0.0025	0.0056	0.0023
Survey Weight	0.0041	0.0014	0.0021	0.0013
Mother's Education Med.	0.0037	0.0022	0.0088	0.0023
Mother's Education High	-0.002	0.0023	0.0064	0.0025
Mother's Education Missing	0.0122	0.0042	0.0061	0.0033
Father's Education Med.	0.0091	0.0023	0.0022	0.0026
Father's Education High	0.0177	0.0024	0.0125	0.0027
Father's Education Missing	0.0077	0.0025	0.0013	0.0027
MSA UR	-0.0001	0.000	-0.0001	0.000
Population	0.0065	0.007	-0.0099	0.0073
Man. Share	-0.0016	0.0124	-0.0383	0.0138
Service Share	-0.01	0.0131	-0.0125	0.0143
Comptuer Share	0.0218	0.03	-0.1056	0.0332
Earnings	0.0003	0.0001	0.0005	0.0001
Economics Variables Missing	0.0042	0.0043	-0.0056	0.0048
Constant	0.0672	0.013	0.0494	0.0137
μ_2^w	0.048	0.0019	0.1098	0.0028
μ_3^w	-0.0272	0.0028	0.0657	0.0023
μ_4^w	-0.0571	0.0023	0.0445	0.0028

Notes: Estimates of the mental reasoning equation by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively.

Table 6: Physical Strenuousness Parameters

	Women		Men	
	Coef.	St. Err.	Coef.	St. Err.
L. Light Smoking	0.0145	0.0073	-0.0212	0.0118
L. Heavy Smoking	-0.0076	0.0064	-0.0002	0.0089
Age*L. Light Smoking	-0.004	0.0024	0.0054	0.0035
Age Squared/100 * L. Light Smoking	0.02	0.0154	-0.0378	0.0216
Age*L. Heavy Smoking	0.0023	0.0018	0.0021	0.0025
Age Squared/100 * L. Heavy Smoking	-0.0144	0.0106	-0.0218	0.0154
L. Pregnancy	-0.0026	0.0024		
L. School Enrollment	-0.0028	0.0021	-0.0019	0.0035
L. Mental Reasoning	-0.0652	0.0049	-0.117	0.0079
L. Physical Strenuousness	0.3825	0.0041	0.4303	0.0044
L. Child in the Home	0.0056	0.0017	0.0136	0.0029
L. Part-Time Work	-0.0161	0.0023	-0.0333	0.0039
L. Full-Time Work	-0.0185	0.0023	-0.0262	0.0035
L. Mental Reasoning Missing	0.0479	0.0128	0.0861	0.0156
L. Years of Schooling \geq 12	0.0033	0.0022	-0.0044	0.0033
L. Years of Schooling \geq 16	0.0025	0.0029	0.0018	0.0054
L. Years of Schooling	-0.0032	0.0007	-0.0068	0.0012
Job Tenure Years	0.0005	0.0005	0.0011	0.0007
Job Experience Years	-0.0023	0.0004	-0.0009	0.0006
Smoking Duration	0.0003	0.0003	0.0022	0.0004
Smoking Cessation	0.0004	0.0002	0.000	0.0004
Age	-0.0002	0.001	0.0026	0.0016
Age Squared/100	0.0116	0.0055	-0.0044	0.0089
Black	0.0006	0.0033	-0.0127	0.0046
Hispanic	-0.0091	0.0033	-0.0115	0.0042
Asvab Score	-0.0002	0.000	-0.0007	0.000
Asvab Score Missing	-0.0063	0.0023	-0.0202	0.0033
Survey Weight	0.0007	0.0013	0.0011	0.0019
Mother's Education Med.	-0.0003	0.002	-0.0033	0.0032
Mother's Education High	0.0026	0.0021	-0.0065	0.0035
Mother's Education Missing	0.0104	0.0029	-0.0126	0.0048
Father's Education Med.	0.0009	0.002	0.0076	0.003
Father's Education High	0.001	0.0022	-0.0059	0.0034
Father's Education Missing	0.0059	0.0022	0.0028	0.0037
MSA UR	0.000	0.000	0.000	0.000
Population	-0.0268	0.0065	-0.0027	0.0095
Man. Share	0.0154	0.0117	0.0593	0.0174
Service Share	0.0189	0.0124	0.0145	0.0176
Comptuer Share	-0.0193	0.0274	0.1022	0.043
Earnings	-0.0002	0.0001	-0.0006	0.0001
Economics Variables Missing	-0.0089	0.004	0.0038	0.0062
Constant	0.2288	0.012	0.3864	0.0184
μ_2^w	-0.015	0.0016	0.0445	0.0028
μ_3^w	0.095	0.0025	-0.0395	0.0036
μ_4^w	0.0295	0.0025	-0.0373	0.0031

Notes: Estimates of the physical strenuousness equation by gender. All estimates are from our preferred model, which estimates all equations jointly and allows for unobserved heterogeneity. The person/age sample sizes for women and men are 45,475 and 48,518, respectively.