Final Replication Project

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1 Table A1a
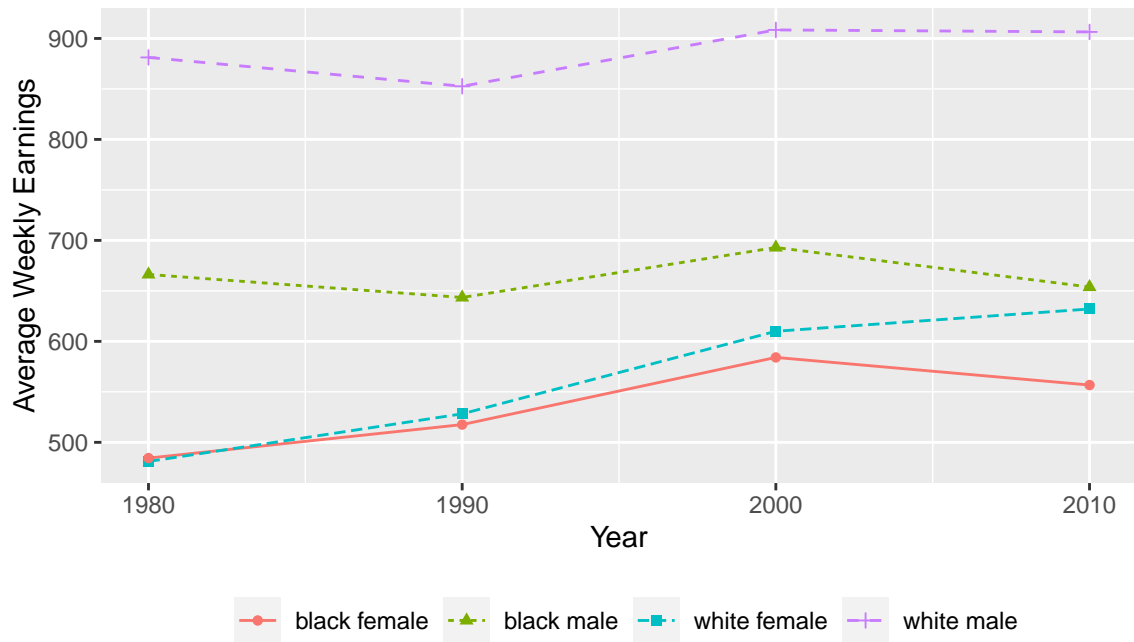
Table A1a. Mean of Variables Included in the Regression Analysis, by Race and Decade, among Men								
	1980		1990		2000		2010	
Variable	White	Black	White	Black	White	Black	White	Black
Weekly wage	881.20	666.27	852.64	643.46	908.45	692.94	906.45	653.82
Weekly wage (log)	6.63	6.30	6.57	6.26	6.61	6.32	6.57	6.22
Weekly working hours	43.35	40.38	44.43	41.64	45.08	42.45	43.70	41.07
Weekly working hours (log)	3.74	3.65	3.77	3.70	3.78	3.71	3.74	3.67
Public sector (=1)	0.18	0.26	0.16	0.25	0.15	0.21	0.16	0.22
College grad (=1)	0.26	0.11	0.27	0.14	0.30	0.17	0.35	0.22
Some college (=1)	0.20	0.19	0.30	0.29	0.24	0.26	0.25	0.29
High school grad (=1)	0.36	0.35	0.34	0.39	0.40	0.47	0.36	0.42
Less than high school (=1)	0.18	0.35	0.10	0.19	0.06	0.11	0.04	0.07
Potential work experience	20.22	20.84	19.62	19.78	21.36	20.94	22.83	22.69
Potential work experience sq.	533.60	560.99	482.63	493.11	547.16	528.54	625.54	616.30
Married (=1)	0.79	0.65	0.74	0.57	0.70	0.54	0.68	0.52
No. of children	1.23	1.31	1.08	1.08	0.98	0.97	0.95	0.89
Child under age 5 (=1)	0.19	0.20	0.19	0.17	0.17	0.16	0.15	0.13
Foreign born (=1)	0.04	0.05	0.04	0.07	0.04	0.10	0.05	0.15
Northeast (=1)	0.22	0.19	0.22	0.16	0.21	0.15	0.20	0.15
Midwest (=1)	0.29	0.21	0.27	0.15	0.28	0.16	0.27	0.14
South (=1)	0.29	0.50	0.32	0.58	0.32	0.58	0.33	0.60
West (=1)	0.20	0.10	0.19	0.11	0.20	0.10	0.20	0.10
Lives in metro area (=1)	0.79	0.86	0.72	0.81	0.75	0.86	0.77	0.89
Index of dissimilarity (N)	0.30 (N=82)		.27 (N=82)		.25 (N=81)		.25 (N=81)	
N	1,389,211	160,422	339,228	34,178	1,660,910	194,063	328,009	39,076

2 Table A1b

Table A1b. Mean of Variables Included in the Regression Analysis, by Race and Decade, among Women

	1980		1990		2000		2010	
Variable	White	Black	White	Black	White	Black	White	Black
Weekly wage	481.03	484.38	528.20	517.57	609.97	584.09	632.06	556.73
Weekly wage (log)	5.97	5.96	6.04	6.02	6.17	6.13	6.18	6.06
Weekly working hours	36.17	37.02	37.56	38.72	38.47	39.28	37.89	38.38
Weekly working hours (log)	3.53	3.55	3.57	3.62	3.60	3.63	3.58	3.61
Public sector (=1)	0.22	0.33	0.20	0.29	0.20	0.27	0.21	0.27
College grad (=1)	0.21	0.14	0.25	0.17	0.31	0.20	0.40	0.27
Some college (=1)	0.20	0.20	0.32	0.33	0.26	0.29	0.27	0.33
High school grad (=1)	0.44	0.38	0.36	0.37	0.39	0.42	0.31	0.34
Less than high school (=1)	0.15	0.28	0.07	0.14	0.04	0.08	0.02	0.06
Potential work experience	20.57	20.16	19.70	19.42	21.57	20.53	22.88	22.30
Potential work experience sq.	546.34	522.81	485.63	474.01	559.25	510.60	633.89	600.97
Married (=1)	0.67	0.49	0.68	0.44	0.66	0.40	0.65	0.36
No. of children	1.10	1.53	1.03	1.33	0.96	1.23	0.92	1.10
Child under age 5 (=1)	0.11	0.16	0.14	0.16	0.13	0.15	0.12	0.13
Foreign born (=1)	0.05	0.05	0.04	0.06	0.04	0.09	0.05	0.13
Northeast (=1)	0.23	0.20	0.23	0.17	0.21	0.16	0.20	0.16
Midwest (=1)	0.28	0.21	0.26	0.16	0.28	0.17	0.28	0.15
South (=1)	0.30	0.50	0.32	0.58	0.32	0.58	0.33	0.62
West (=1)	0.20	0.09	0.19	0.09	0.19	0.09	0.19	0.08
Lives in metro area (=1)	0.80	0.87	0.73	0.82	0.75	0.87	0.76	0.89
Index of dissimilarity (N)	.24 (N=82)		.22 (N=82)		.19 (N=81)		.19 (N=81)	
N	976,179	157,573	284,674	38,150	1,481,936	235,159	308,862	51,540

3 Figure 1

Fig 1. Average Weekly Earnings by Race and Gender, 1980 – 2010
(in Constant $US)

● black female   ▲ black male   ■ white female   + white male

4 Table A2a

	1980		1990		2000		2010	
Table A2a. Coefficients Included in the Linear Regression Analysis, by Decade, among Men								
Variable	White	Black	White	Black	White	Black	White	Black
Constant	5.035	5.322	3.871	3.857	3.430	3.921	2.663	2.951
Potential work experience	0.038	0.029	0.035	0.034	0.030	0.018	0.038	0.032
Potential work experience sq.	−0.001	−0.0005	−0.001	−0.0005	−0.0004	−0.0002	−0.001	−0.001
[Academic Degree]								
Less than high school	−0.485	−0.554	−0.601	−0.650	−0.637	−0.662	−0.715	−0.690
High school	−0.307	−0.371	−0.398	−0.454	−0.425	−0.460	−0.504	−0.529
Some college	−0.224	−0.259	−0.263	−0.288	−0.286	−0.285	−0.343	−0.350
No. of own children in household	0.022	0.009	0.018	0.004	0.022	0.012	0.027	0.009
Has kids under age 5 [no kids]	*−0.002*	*0.002*	*0.002*	*−0.0003*	0.015	*0.005*	*0.007*	*−0.018*
Married [not married]	0.187	0.172	0.183	0.194	0.176	0.155	0.183	0.144
Foreign [local]	−0.034	−0.121	0.002	−0.092	−0.014	−0.060	−0.022	−0.072
LN (usual working hours)	0.294	0.205	0.611	0.604	0.742	0.637	0.927	0.850
Lives in metropolitan area [not]	0.170	0.205	0.205	0.167	0.192	0.118	0.173	0.132
Public sector [private]	−0.052	*0.005*	−0.023	0.041	−0.013	0.073	0.037	0.143
[Northeast Region]								
Midwest	0.047	0.120	−0.080	−0.083	−0.033	−0.060	−0.095	−0.153
South	−0.053	−0.125	−0.124	−0.216	−0.070	−0.136	−0.091	−0.146
West	0.029	*−0.003*	−0.048	−0.091	−0.004	−0.037	−0.014	*−0.025*
N	1,389,211	160,422	339,228	34,178	1,660,910	194,063	328,009	39,076
Adjusted R^2	0.157	0.137	0.242	0.267	0.262	0.233	0.335	0.318

Note: Non-significant coefficients are marked in italics ($p < .05$)

5 Table A2b

	1980		1990		2000		2010	
Variable	White	Black	White	Black	White	Black	White	Black
Constant	3.340	4.838	2.698	3.432	2.532	3.579	2.090	2.649
Potential work experience	*0.020*	0.026	0.025	0.035	0.028	0.026	0.030	0.030
Potential work experience sq.	−0.0004	−0.001	−0.0005	−0.001	−0.0005	−0.0004	−0.0005	−0.0005
[Academic Degree]								
Less than high school	−0.499	−0.664	−0.651	−0.755	−0.719	−0.760	−0.796	−0.793
High school	−0.366	−0.498	−0.488	−0.592	−0.507	−0.557	−0.552	−0.578
Some college	−0.245	−0.366	−0.306	−0.382	−0.320	−0.362	−0.346	−0.393
No. of own children in household	−0.057	−0.024	−0.053	−0.029	−0.034	−0.031	−0.024	−0.018
Has kids under age 5 [no kids]	0.049	*0.009*	0.096	*0.008*	0.096	0.028	0.117	*0.009*
Married [not married]	−0.047	0.018	−0.009	0.053	0.011	0.050	0.055	0.076
Foreign [local]	0.012	*−0.003*	0.011	*0.015*	−0.009	*0.007*	−0.031	*−0.001*
LN (usual working hours)	0.756	0.364	0.939	0.730	0.978	0.708	1.081	0.922
Lives in metropolitan area [not]	0.149	0.156	0.206	0.205	0.204	0.191	0.196	0.207
Public sector [private]	0.113	0.121	0.107	0.122	0.057	0.100	0.038	0.129
[Northeast Region]								
Midwest	−0.006	0.027	−0.118	−0.159	−0.076	−0.092	−0.112	−0.176
South	−0.041	−0.176	−0.122	−0.248	−0.084	−0.178	−0.098	−0.179
West	0.021	−0.016	−0.051	−0.063	−0.011	−0.040	−0.014	−0.026
N	976,179	157,573	284,674	38,150	1,481,936	235,159	308,862	51,540
Adjusted R^2	0.312	0.215	0.411	0.353	0.405	0.293	0.436	0.371

Table A2b. Coefficients Included in the Linear Regression Analysis, by Decade, among Women

Note: Non-significant coefficients are marked in italics ($p < .05$)

References