Learning from My Environment

How social environment predicts teens beliefs about the future

Online Appendix

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A Online Appendix

A.1 Principle Component Analysis Results

Table A2: Principle Component Analysis Academic

Variable	Comp1	Comp2	Comp3	Comp4	Comp5
ASVAB AR Score	0.4755	-0.1413	-0.5231	0.1627	0.6737
ASVAB MK Score	0.4802	-0.0337	-0.4932	-0.0197	-0.7243
ASVAB PC Score	0.4694	-0.1814	0.3579	-0.7805	0.0971
ASVAB WK Score	0.4537	-0.3211	0.5705	0.598	-0.089
Avg 8th	0.3422	0.9181	0.1716	0.0793	0.0651

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	3.65098	2.98516	0.7302	0.7302
Comp2	0.665824	0.356373	0.1332	0.8634
Comp3	0.309451	0.0918822	0.0619	0.9253
Comp4	0.217569	0.0613914	0.0435	0.9688
Comp5	0.156177		0.0312	1

Std Dev	1.910754
Observation	1501
Number of Comp	5
Trace	5
Rho	1

Table A1: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

Table A3: Principle Component Analysis Crime

Variable	Comp1	Comp2	Comp3	Comp4
County: Crime Rate Per 100k	0.4394	-0.1566	0.8575	0.2171
Parent: Incarcerated	0.2527	0.9649	0.0302	0.0653
Peers: Pct Cut Class	0.58	-0.179	-0.4886	0.6268
Peers: Pct Gang	0.6377	-0.1116	-0.1584	-0.7455

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.54173	0.576972	0.3854	0.3854
Comp2	0.964753	0.0808274	0.2412	0.6266
Comp3	0.883925	0.274329	0.221	0.8476
Comp4	0.609597		0.1524	1

Std Dev	1.242
Observation	1501
Number of Comp	4
Trace	4
Rho	1

Table A2: Reports results from Principle component analysis. First principle component was used for the construction of the index.

Table A4: Principle Component Analysis Sex Young Ages

Variable	Comp1	Comp2	Comp3
County Pct Birth Under 20	0.5682	0.8212	-0.0525
Peers: Pct Sex	0.5828	-0.3565	0.7302
Mom's Age First Birth	-0.5809	0.4455	0.6812

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.27411	0.404734	0.4247	0.4247
Comp2	0.869378	0.0128682	0.2898	0.7145
Comp3	0.85651		0.2855	1

Std Dev	1.129
Observation	1501
Number of Comp	3
Trace	3
Rho	1

Table A3: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

Table A5: Principle Component Analysis Bachelor's +

Variable	Comp1	Comp2	Comp3
Parent: Bachelor's +	0.5878	-0.5366	0.6054
Tract: Pct Bachelor's +	0.6463	-0.1386	-0.7504
Peers: Pct College Plans	0.4865	0.8324	0.2653

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.59422	0.753003	0.5314	0.5314
Comp2	0.84122	0.276662	0.2804	0.8118
Comp3	0.564558		0.1882	1

Std Dev	1.263
Observation	1501
Number of Comp	3
Trace	3
Rho	1

Table A4: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

Table A6: Principle Component Analysis High School Non Bachelor's

Variable	Comp1	Comp2	Comp3
Tract: Pct HS Grad	0.7105	-0.104	0.6959
Tract: Pct Some College	-0.0607	0.9763	0.2079
Parent High School Grad	0.701	0.19	-0.6874

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.187	0.178471	0.3955	0.3955
Comp2	1.0081	0.202786	0.336	0.7316
Comp3	0.805319		0.2684	1

Std Dev	1.089
Observation	1501
Number of Comp	3
Trace	3
Rho	1

Table A5: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

Table A7: Principle Component Analysis Military

Variable	Comp1	Comp2
Parent Military	0.7071	0.7071
Tract Pct Milever	0.7071	-0.7071

	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.0507	0.101407	0.5254	0.5254
Comp2	0.949297		0.4746	1

Std Dev	1.025
Observation	1501
Number of Comp	2
Trace	2
Rho	1

Table A6: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

Table A8: Principle Component Analysis Local Economic

Variable	Comp1	Comp2		
Tract: Median Earnings	-0.7071	0.7071		
Tract: Unemployment Rate	0.7071	0.7071		
	Eigenvalue	Difference	Proportion	Cumulative
Comp1	1.36691	0.733813	0.6835	0.6835
Comp2	0.633093		0.3165	1
Std Dev	1.169			
Observation	1501			
Number of Comp	2			
Trace	2			
Rho	1			

Table A7: Reports results from Principle component analysis. First principle component was used for the construction of the index. First principle component is calculated by multiplying each variable with the corresponding value in the Comp1 column and then summing the resulting products.

A.2 Belief Results Within Racial Ethnic Groups

Table A13:School Beliefs Regressed Separately by Race

VARIABLES	White HS Grad by 20	Hispanic HS Grad by 20	Black HS Grad by 20	White Deg by 30	Hispanic Deg by 30	Black Deg by 30
Crime Index	-0.6888	1.5739	-0.3956	-0.5069	-1.6438	-3.4493*
	(0.5889)	(1.0857)	(0.9353)	(1.2346)	(1.1959)	(1.9339)
Young Sex Index	-0.0600	0.3090	0.1708	-3.2235*	-0.5948	0.9275
	(0.5749)	(1.3519)	(1.4914)	(1.6622)	(2.6447)	(1.8267)
Bachelor's Index	1.1576**	3.7731*	-0.7265	3.9692***	5.5740***	4.4402**
	(0.5174)	(2.1703)	(1.4968)	(1.4643)	(2.1397)	(1.9849)
HS Non BA Index	0.9986**	1.2535	-1.6697**	-0.5924	1.5110	0.5398
	(0.4364)	(1.3427)	(0.7131)	(1.0865)	(1.6410)	(1.2023)
Military Index	0.0566	3.6764***	1.2329*	-1.1129	-0.5772	2.1831
	(0.5140)	(0.8911)	(0.6771)	(1.3195)	(1.2433)	(2.2962)
Economic Index	-1.3233	-1.1132	-1.7743*	-4.6967***	1.9002	-0.1526
	(1.2789)	(1.4180)	(0.9612)	(1.8210)	(1.9344)	(1.6199)
HH Net Worth ($10k)	0.0247**	-0.0591	0.0438	0.0531	0.1234	0.0439
	(0.0097)	(0.1048)	(0.0623)	(0.0353)	(0.2030)	(0.1182)
Family Shocks	-0.4793**	-0.8524	0.8307	-0.1436	-2.1593**	0.3559
	(0.2282)	(0.7947)	(0.9502)	(0.7037)	(0.9122)	(1.4321)
Victim Shocks	-0.2306	-2.6543*	-0.2014	-0.6644	-1.2715	-0.0999
	(0.6987)	(1.4725)	(0.9962)	(1.0629)	(1.6031)	(1.6898)
Academic Index	2.6356***	5.2261***	5.4347***	10.6719***	8.5638***	9.5702***
	(0.6215)	(1.5963)	(1.5889)	(1.3258)	(1.7384)	(1.8459)
Past Risky Behavior	-1.0478	-2.1140	0.0936	-2.3775**	-2.4904	-1.1986
	(0.6639)	(1.6266)	(1.0324)	(1.1703)	(2.2787)	(2.0810)
Rural 1997	-0.5517	-9.4542	-9.5173***	3.7970	-11.3477**	-9.3413
	(1.5898)	(7.9816)	(2.9336)	(3.5485)	(5.3210)	(7.4550)
Urban 1997	-1.1983	-7.7253*	-7.4181***	5.3977	-8.4415	-3.8672
	(1.5068)	(4.6488)	(2.7151)	(3.7395)	(5.3681)	(7.2060)
Female	0.3485	1.0506	-0.6349	5.4739**	4.7151	0.5446
	(1.1351)	(2.6274)	(1.5038)	(2.7216)	(4.6808)	(4.2310)
Constant	96.0390***	108.7839***	103.8792***	61.6796***	85.5904***	81.0131***
	(1.7100)	(6.5712)	(4.2984)	(5.0791)	(7.9865)	(9.8108)
Observations	808	316	390	808	316	390
Number of state	36	30	35	36	30	35
R^2	0.121	0.134	0.105	0.274	0.186	0.196

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A8: Reports coefficients from OLS regressions of beliefs on covariates performed separately by race. All regressions use robust standard errors.

Table A14:Work Beliefs Regressed Separately by Race

VARIABLES	White NY Work 20+hrs if School	Hispanic NY Work 20+hrs if School	Black NY Work 20+hrs if School	White Work 20+hrs at 30	Hispanic Work 20+hrs at 30	Black Work 20+hrs at 30
Crime Index	0.5691	1.4769	3.1586*	-0.8293	-1.1218	0.2301
	(1.7427)	(1.2970)	(1.8950)	(0.6168)	(1.1426)	(1.2210)
Young Sex Index	4.2723***	-4.0845*	4.1835*	0.8103	-1.2293	-0.6853
	(1.5346)	(2.2113)	(2.4039)	(0.9211)	(1.8043)	(1.3756)
Bachelor's Index	-3.9639**	-1.8307	1.4910	-0.1041	0.7670	2.2693
	(1.6014)	(2.3510)	(3.6966)	(0.5364)	(1.7549)	(1.8980)
HS Non BA Index	1.0665	2.6739**	0.1907	0.3993	-1.1511	-1.2769
	(1.4134)	(1.2949)	(1.4308)	(0.4556)	(1.0139)	(1.2040)
Military Index	1.6148	1.1127	1.8156	-0.0044	0.7247	-0.5020
	(1.3127)	(2.1589)	(2.1091)	(0.4897)	(0.8158)	(0.7989)
Economic Index	3.1057	1.7361	1.2295	0.0001	-0.6586	1.096
	(2.0258)	(2.0682)	(2.0140)	(0.8276)	(0.9118)	(1.2443)
HH Net Worth ($10k)	-0.0750*	-0.1215	-0.2709	0.0159	-0.0102	-0.2150
	(0.0455)	(0.1572)	(0.1992)	(0.0113)	(0.0805)	(0.1443)
Family Shocks	1.0296	3.6526*	-1.7736	0.0919	0.2759	0.3696
	(0.6880)	(1.8732)	(1.4832)	(0.3118)	(0.7060)	(1.1299)
Victim Shocks	-1.3025	1.5229	1.3394	-0.7410	0.4956	-0.2501
	(1.1738)	(2.1716)	(1.5432)	(0.5661)	(0.8960)	(0.7137)
Academic Index	-3.8252**	0.6299	0.6506	2.1599***	5.7103***	3.5609***
	(1.7638)	(2.6694)	(1.8008)	(0.6890)	(1.7232)	(1.3219)
Past Risky Behavior	3.4954***	3.4450	2.3629	0.7309	0.6809	-0.9680
	(1.1814)	(2.1362)	(1.5198)	(0.7880)	(1.4355)	(1.2542)
Rural 1997	2.4617	0.6386	-5.4701	1.2125	-1.8329	-7.2786
	(4.8208)	(11.0052)	(8.8810)	(2.7346)	(4.4302)	(5.0710)
Urban 1997	4.9085	-6.2333	0.7945	0.8677	-0.1490	-4.2597
	(4.9834)	(7.6921)	(10.1196)	(2.6969)	(3.5358)	(4.4450)
Birth Year	-4.2808**	-1.9491	-2.9483	-1.4118	1.7362	0.4606
	(2.1333)	(2.9874)	(3.0724)	(0.8961)	(1.3007)	(1.7279)
Female	1.6051	8.9931***	6.1390	0.2095	1.5019	-1.3867
	(2.1228)	(2.2918)	(4.8050)	(0.7246)	(2.9411)	(2.8278)
Constant	58.8845***	63.3610***	61.9331***	93.3648***	93.2858***	103.1533***
	(5.3050)	(8.8584)	(10.6864)	(2.8519)	(6.7006)	(7.2318)
Observations	808	316	390	808	316	390
Number of state	36	30	35	36	30	35
R^2	0.130	0.0922	0.0786	0.0353	0.130	0.0799

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A9: Reports coefficients from OLS regressions of beliefs on covariates performed separately by race. All regressions use robust standard errors.

Table A15:Early Parenthood Beliefs Regressed Separately by Race

VARIABLES	White Parent by 20	Hispanic Parent by 20	Black Parent by 20
Crime Index	2.1996*	-0.6631	2.7637*
	(1.2150)	(1.1032)	(1.5938)
Young Sex Index	2.0847*	4.0977**	1.9025*
	(1.1677)	(1.7116)	(1.0966)
Bachelor's Index	-0.2253	-3.3289*	1.3761
	(1.0690)	(1.8462)	(1.8831)
HS Non BA Index	0.6505	-0.0385	-0.8277
	(1.0174)	(1.7220)	(1.2478)
Military Index	1.1769	-0.9202	-1.0842
	(0.7511)	(1.5600)	(1.3410)
Economic Index	0.366	2.0747	-0.0553
	(1.6338)	(1.8042)	(1.7472)
HH Net Worth ($10k)	-0.0128	0.0846	0.0589
	(0.0292)	(0.1274)	(0.1069)
Family Shocks	0.4340	0.0226	0.7455
	(0.5626)	(0.8325)	(1.2362)
Victim Shocks	-0.4384	0.0752	0.8655
	(1.2494)	(2.1254)	(1.5975)
Academic Index	-3.3466***	-4.3393***	-5.1335***
	(0.8766)	(1.5209)	(1.4500)
Past Risky Behavior	4.1356***	6.1849***	5.5189***
	(1.0388)	(1.1999)	(1.7916)
Rural 1997	2.4399	12.3052**	14.8074*
	(2.9389)	(5.1099)	(7.7773)
Urban 1997	-0.4091	6.1122	10.7904
	(2.8993)	(3.9183)	(7.1135)
Female	2.7706	-4.2094*	-3.2496
	(2.8538)	(2.2235)	(4.1134)
Constant	10.8800***	8.4283	-2.1530
	(3.5297)	(7.0909)	(10.3823)
Observations	808	316	390
Number of state	36	30	35
R^2	0.132	0.163	0.168

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A10: Reports coefficients from OLS regressions of beliefs on covariates performed separately by race. All regressions use robust standard errors.

Table A16:Criminal Justice Beliefs Regressed Separately by Race

VARIABLES	White Arrested if Stole Car	Hispanic Arrested if Stole Car	Black Arrested if Stole Car	White Jailed at 20	Hispanic Jailed at 20	Black Jailed at 20
Crime Index	-1.5452	1.3060	1.0468	0.2471	1.9312***	0.4499
	(1.5236)	(2.4251)	(2.1800)	(0.4413)	(0.5578)	(0.6195)
Young Sex Index	1.1269	1.7441	0.0101	1.1940**	-1.2900	0.8368
	(1.8174)	(3.6091)	(3.5134)	(0.5394)	(1.1397)	(0.5472)
Bachelor's Index	-0.1725	4.2106	0.4857	1.0298	-0.2679	2.2178**
	(1.9255)	(5.0775)	(3.9687)	(0.6610)	(0.7025)	(1.0047)
HS Non BA Index	-0.7913	7.7261***	0.4720	0.0120	1.4799	-0.7656
	(1.8283)	(2.3048)	(2.3945)	(0.4920)	(1.0537)	(0.6912)
Military Index	-0.6164	-0.5774	-3.4690	0.2381	0.3087	-0.3533
	(1.2295)	(1.8557)	(3.1263)	(0.4151)	(0.7608)	(0.6310)
Neg Economic Index	-1.7532	-3.8788**	-3.1887	-0.5545	-0.4487	-0.4711
	(2.6816)	(1.5828)	(2.3982)	(0.8093)	(0.7221)	(0.7029)
HH Net Worth ($10k)	0.0294	0.3680*	-0.2687	0.0108	0.0764	0.0654
	(0.0609)	(0.1902)	(0.2299)	(0.0146)	(0.0946)	(0.0557)
Family Shocks	-0.2370	2.0596	1.8875	0.2665	0.7332*	0.0225
	(0.9227)	(1.5888)	(2.5488)	(0.2896)	(0.4298)	(0.4803)
Victim Shocks	-0.8704	0.6348	-2.0990	0.0957	0.9829	1.2003**
	(1.8716)	(1.2407)	(1.9598)	(0.5176)	(1.0268)	(0.4763)
Academic Index	-0.0162	7.0958**	8.7974***	-1.1823**	-3.3983***	-2.6046***
	(1.9940)	(2.8190)	(2.1795)	(0.5872)	(0.9533)	(0.5557)
Past Risky Behavior	-2.3148	-6.5767***	-1.2584	1.8085***	1.3189	0.2382
	(1.7442)	(1.8520)	(2.2149)	(0.5703)	(1.3525)	(0.6963)
Rural 1997	9.8838	-19.0284**	-36.3001***	-0.5194	7.0614	6.5908***
	(6.7291)	(8.1746)	(8.3218)	(2.0310)	(5.5248)	(1.6709)
Urban 1997	11.5691*	-19.2230**	-48.2776***	-0.8004	3.4978	5.9975***
	(5.9907)	(8.5556)	(7.9763)	(2.0589)	(3.7229)	(1.6136)
Female	2.7512	-3.0500	-12.3543*	-2.5342**	-2.5498**	-4.0272**
	(2.7712)	(3.8514)	(6.5735)	(1.0340)	(1.1349)	(1.6335)
Constant	54.4009***	96.5102***	103.9618***	5.3257***	-3.4205	-0.7251
	(6.9283)	(11.9187)	(12.1048)	(1.9311)	(4.3826)	(2.8411)
Observations	808	316	390	808	316	390
Number of state	36	30	35	36	30	35
R^2	0.0260	0.143	0.0997	0.103	0.125	0.120

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A11: Reports coefficients from OLS regressions of beliefs on covariates performed separately by race. All regressions use robust standard errors.

Table A17:Mortality Beliefs Regressed Separately by Race

VARIABLES	White Die by 20	Hispanic Die by 20	Black Die by 20
Crime Index	2.2434**	3.3274**	2.1793
	(1.0982)	(1.3951)	(1.8947)
Young Sex Index	3.9159***	-0.2840	0.4225
	(1.1956)	(1.4372)	(1.5439)
Bachelor's Index	1.8375**	-0.0007	1.6518
	(0.8935)	(1.5768)	(1.9729)
HS Non BA Index	1.7614**	1.9742	-0.2168
	(0.8587)	(1.8074)	(1.4608)
Military Index	1.3600**	0.3881	-2.9509**
	(0.6649)	(0.9880)	(1.3456)
Economic Index	0.4149	-1.223	-3.0012*
	(1.6319)	(1.2523)	(1.6122)
HH Net Worth ($10k)	-0.0433	0.1561	0.0955
	(0.0385)	(0.1681)	(0.0950)
Family Shocks	0.5395	0.3161	0.6227
	(0.5325)	(0.8203)	(0.9024)
Victim Shocks	1.6485	1.9923	3.9937***
	(1.1161)	(1.2260)	(1.0278)
Academic Index	-1.5666*	0.5322	0.9278
	(0.8915)	(0.8489)	(1.3566)
Past Risky Behavior	-0.6901	1.5646	0.8601
	(0.6478)	(0.9835)	(1.3878)
Rural 1997	-4.8520	15.3238**	14.0434*
	(3.0778)	(6.9794)	(7.6923)
Urban 1997	-4.4152	12.5800**	10.3137
	(3.0230)	(5.1591)	(7.4022)
Female	3.7191**	5.7705**	-4.1397
	(1.8885)	(2.5653)	(3.0465)
Constant	23.1923***	-3.6842	7.9839
	(3.2810)	(6.2987)	(9.2957)
Observations	808	316	390
Number of state	36	30	35
R^2	0.0906	0.0732	0.0822

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A12: Reports coefficients from OLS regressions of beliefs on covariates performed separately by race. All regressions use robust standard errors.

A.3 Beliefs Relation to Opposite Race Same Gender Tract

Table A18: School Beliefs Regressed on Opposite Race Outcomes

VARIABLES	Pooled HS Grad by 20	White HS Grad by 20	Non White HS Grad by 20	Pooled Deg by 30	White Deg by 30	Non White Deg by 30
Opposite: HS Grad	0.0080	-0.0631	-0.1809	1.3562	2.0479	2.4729
	(0.8397)	(1.1009)	(1.1898)	(1.9400)	(2.2850)	(2.8386)
Opposite: Some College	-0.0781	-0.2381	0.0720	0.5170	3.9405**	-1.0334
	(0.7554)	(0.9493)	(0.9029)	(1.3498)	(1.7797)	(2.2636)
Opposite: Bach More	-0.8993	-2.5128*	-0.8028	-0.5187	-1.8738	-0.2297
	(0.7119)	(1.3387)	(0.9068)	(1.1194)	(1.8686)	(1.4604)
Opposite: Military	0.5109	0.6547	0.4835	-0.0085	-2.4846	1.6926
	(0.3710)	(0.4819)	(0.5898)	(1.2886)	(2.1157)	(1.6687)
Opposite: Med Earnings	0.0000	0.0000	0.0000	-0.0000	-0.0000	0.0000
	(0.0000)	(0.0000)	(0.0000)	(0.0000)	(0.0000)	(0.0000)
Opposite: UE Rate	0.0160*	0.0119	0.0344*	0.0009	0.0184	-0.0003
	(0.0095)	(0.0118)	(0.0179)	(0.0191)	(0.0210)	(0.0260)
Academic Ability	0.4408***	0.4389**	0.4077***	0.8994***	0.7729***	0.9075***
	(0.0940)	(0.1792)	(0.1009)	(0.1457)	(0.2396)	(0.1699)
Past Risky Behavior	-0.0074	0.1401	-0.0522	-0.1166	-0.3488	-0.0633
	(0.0926)	(0.1523)	(0.1047)	(0.1097)	(0.2517)	(0.1191)
Female	0.2259	0.4551	0.2224	0.3867	0.6124	0.7033
	(0.1541)	(0.3177)	(0.2476)	(0.3802)	(0.6865)	(0.5519)
Hispanic	-0.0101		-1.2681**	0.4217		-0.5980
	(0.1684)		(0.6017)	(0.2979)		(0.8052)
Black	0.2089		-1.2889**	1.0481***		0.0026
	(0.1420)		(0.6020)	(0.3072)		(0.9239)
Tract: Pooled Data	0.0627	-0.0039	-0.0713	0.1738	-2.7895***	0.1075
	(0.2062)	(0.2905)	(0.2321)	(0.4295)	(0.5918)	(0.5905)
Constant	7.3563***	7.0973***	8.8408***	3.2470**	3.1559*	3.7490
	(0.7087)	(1.0973)	(1.0994)	(1.5254)	(1.8951)	(2.4314)
Observations	730	196	534	730	196	534
Number of States	36	27	36	36	27	36
R^2	0.132	0.249	0.140	0.237	0.439	0.219

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A13: Reports coefficients from OLS regressions of beliefs. Instead of tract outcomes for adults of same race, same gender, white adults of same gender is used for Black and Hispanic respondents, while black or hispanic outcomes are used for white respondents. Independent Variables include demographics, parental wealth and outcomes, peer attributes, county attributes, state fixed effects and adverse shocks. All standard errors are robust standard errors.

Table A19: Work Beliefs Regressed on Opposite Race Outcomes

VARIABLES	Pooled Work 20+hrs NY if School	White Work 20+hrs NY if School	Non White Work 20+hrs NY if School	Pooled Work 20+hrs at 30	White Work 20+hrs at 30	Non White Work 20+hrs at 30
Opposite: HS Grad	-8.0894	-20.3181	2.0241	-0.8834	-1.3440	-0.6541
	(16.1829)	(21.3716)	(18.8877)	(1.1063)	(1.5406)	(1.5414)
Opposite: Some College	4.3322	10.4616	2.1053	-1.3173*	-1.2102	-1.6672
	(19.2873)	(28.5946)	(24.6003)	(0.7730)	(1.1493)	(1.1661)
Opposite: Bach More	-14.3593	-46.8199*	-2.3774	-1.1965	-3.0479*	-0.6284
	(15.7441)	(26.7024)	(16.3062)	(0.8710)	(1.7085)	(1.1233)
Opposite: Military	5.3947	10.0045	-4.6858	0.3921	0.6901	0.5592
	(12.4020)	(17.9479)	(18.2905)	(0.6450)	(0.8384)	(0.7089)
Opposite: Med Earnings	0.0002	0.0001	0.0002	0.0000*	-0.0000	0.0000**
	(0.0002)	(0.0003)	(0.0002)	(0.0000)	(0.0000)	(0.0000)
Opposite: UE Rate	-0.1323	-0.3051	-0.0754	0.0178**	-0.0072	0.0303***
	(0.2236)	(0.2420)	(0.2196)	(0.0078)	(0.0113)	(0.0085)
Academic Ability	-0.0594	-1.4422	0.1335	0.3552***	0.3884**	0.3507***
	(1.4404)	(2.2898)	(1.8431)	(0.0952)	(0.1636)	(0.1046)
Past Risky Behavior	3.6955***	5.3730***	2.5534*	0.0433	0.3058	-0.0434
	(1.2654)	(1.9563)	(1.4645)	(0.1127)	(0.1887)	(0.1321)
Female	4.3185	2.0103	3.9281	0.1401	0.0499	0.2558
	(3.0569)	(7.7035)	(3.9932)	(0.2853)	(0.3200)	(0.3540)
Hispanic	-0.3394		-12.0190	0.0104		-0.9470
	(3.9566)		(8.0842)	(0.2131)		(0.5839)
Black	-1.6476		-15.0970**	-0.0810		-1.0059*
	(3.7110)		(7.0985)	(0.1943)		(0.5670)
Tract: Pooled Data	-5.6958	-19.5866***	-8.7172*	0.0655	-0.0120	-0.0345
	(4.2997)	(7.2691)	(4.7341)	(0.2330)	(0.5518)	(0.2995)
Constant	63.7984***	105.8662***	65.9412***	9.5938***	11.4881***	9.6569***
	(14.4169)	(22.4191)	(19.5551)	(0.9487)	(1.1794)	(1.2530)
Observations	730	196	534	730	196	534
Number of States	36	27	36	36	27	36
R^2	0.0973	0.336	0.0689	0.0884	0.184	0.118

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A14: Reports coefficients from OLS regressions of beliefs. Instead of using neighborhood outcomes of adults of the same race and gender, for non-white(Black and Hispanic) respondents white adults of same gender is used, while for white respondents black or Hispanic adults of the same gender is used. Other independent variables include, academic ability measure, risky behavior, demographics, parental wealth and outcomes, peer attributes, county attributes, state fixed effects and adverse shocks. All standard errors are robust standard errors.

Table A20: Parenthood Beliefs Regressed on Opposite Race Outcomes

VARIABLES	Pooled Parent by 20	White Parent by 20	Non White Parent by 20
Opposite: HS Grad	1.0452	3.7542	0.6574
	(1.2501)	(2.5300)	(1.8864)
Opposite: Some College	1.2913	3.6835**	0.6390
	(1.0030)	(1.6052)	(1.4029)
Opposite: Bach More	2.3012**	4.5669**	2.1449*
	(1.0520)	(2.2599)	(1.1495)
Opposite: Military	-0.1226	0.4086	-1.0511
	(0.6122)	(0.9155)	(0.9580)
Opposite: Med Earnings	-0.0000	-0.0000	-0.0000
	(0.0000)	(0.0000)	(0.0000)
Opposite: UE Rate	0.0019	0.0209	-0.0045
	(0.0115)	(0.0206)	(0.0178)
Academic Ability	-0.3570***	-0.0625	-0.4501***
	(0.0849)	(0.2303)	(0.1189)
Past Risky Behavior	0.4959***	0.0791	0.6127***
	(0.1166)	(0.2242)	(0.1411)
Female	-0.3372	-0.2317	-0.6975
	(0.2822)	(0.3952)	(0.4264)
Hispanic	0.0931		0.3732
	(0.3033)		(0.8356)
Black	-0.5486		-0.3054
	(0.3607)		(0.8033)
Tract: Pooled Data	0.0099	0.2820	-0.0309
	(0.3590)	(0.3996)	(0.3555)
Constant	0.4126	-0.7708	0.8763
	(1.3543)	(2.1770)	(1.9410)
Observations	730	196	534
Number of States	36	27	36
R^2	0.165	0.189	0.182

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A15: Reports coefficients from OLS regressions of beliefs. Instead of using neighborhood outcomes of adults of the same race and gender, for non-white(Black and Hispanic) respondents white adults of same gender is used, while for white respondents black or Hispanic adults of the same gender is used. Other independent variables include, academic ability measure, risky behavior, demographics, parental wealth and outcomes, peer attributes, county attributes, state fixed effects and adverse shocks. All standard errors are robust standard errors.

Table A21: Criminal Justice Beliefs Regressed on Opposite Race Outcomes

VARIABLES	Pooled Arrested if Stole Car	White Arrested if Stole Car	Non White Arrested if Stole Car	Pooled Jailed by 20	White Jailed by 20	Non White Jailed by 20
Opposite: HS Grad	2.3644	4.9883	0.3013	-2.1020	-6.9981	3.3109
	(3.0545)	(4.6852)	(3.3105)	(5.5643)	(7.0607)	(5.9768)
Opposite: Some College	2.0570	4.5460*	-0.1366	6.6657	1.1598	10.1220**
	(2.1330)	(2.7294)	(2.3826)	(4.9257)	(7.9906)	(4.7729)
Opposite: Bach More	-0.1741	3.4897	-2.3859	-0.0176	-8.1064	5.8308
	(2.7640)	(4.4213)	(2.9289)	(5.2664)	(12.5815)	(5.6626)
Opposite: Military	0.2166	2.3933	-0.6919	-3.3334	5.0603	-8.0283
	(1.6364)	(2.3845)	(1.9054)	(3.2349)	(5.2629)	(5.8267)
Opposite: Med Earnings	-0.0000	-0.0000	-0.0000	-0.0001	0.0001	-0.0002
	(0.0000)	(0.0000)	(0.0000)	(0.0001)	(0.0001)	(0.0001)
Opposite: UE Rate	-0.0163	-0.0093	-0.0206	-0.0687	-0.0456	-0.1072*
	(0.0205)	(0.0279)	(0.0262)	(0.0583)	(0.0960)	(0.0624)
Academic Ability	0.4997**	-0.2758	0.8271***	-1.5873***	0.0095	-2.3113***
	(0.2055)	(0.4164)	(0.2059)	(0.4481)	(0.8640)	(0.6227)
Past Risky Behavior	-0.2327	0.2686	-0.3388	0.6271	-0.5777	1.0526**
	(0.2410)	(0.2832)	(0.2788)	(0.4166)	(0.8613)	(0.4954)
Female	-0.6216	0.7235	-1.0901	-3.7549***	-2.1286	-4.5776**
	(0.6349)	(1.0749)	(0.9251)	(1.1082)	(1.5550)	(1.7839)
Hispanic	0.0669		1.4396	1.6694		2.1175
	(0.5975)		(1.4084)	(1.1999)		(2.4529)
Black	-0.2986		1.2933	-1.1776		-0.5052
	(0.4395)		(1.4768)	(1.5011)		(3.2892)
Tract: Pooled Data	-0.5958	1.7608**	-0.3385	-1.6203	-7.3050**	-2.2964*
	(0.5965)	(0.7263)	(0.6196)	(1.2479)	(3.3254)	(1.2041)
Constant	10.7054***	3.8051	12.3792***	-1.3785	-4.7749	-1.9846
	(2.4250)	(2.9608)	(2.7620)	(4.7219)	(8.2281)	(5.8529)
Observations	730	196	534	730	196	534
Number of States	36	27	36	36	27	36
R^2	0.1000	0.169	0.122	0.0993	0.176	0.139

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A16: Reports coefficients from OLS regressions of beliefs. Instead of using neighborhood outcomes of adults of the same race and gender, for non-white(Black and Hispanic) respondents white adults of same gender is used, while for white respondents black or Hispanic adults of the same gender is used. Other independent variables include, academic ability measure, risky behavior, demographics, parental wealth and outcomes, peer attributes, county attributes, state fixed effects and adverse shocks. All standard errors are robust standard errors.

A.4 Comparing Outcomes and Beliefs with Social Indices and Disaggregated Social Characteristics

Table A22: Mortality Beliefs Regressed on Opposite Race Outcomes

VARIABLES	Pooled Die by 20	White Die by 20	Non White Die by 20
Opposite: Pct HS Grad	0.2690	-0.8846	0.7960
	(0.7673)	(2.0220)	(0.9909)
Opposite: Pct Some College	1.8533*	0.1222	3.1016***
	(1.0025)	(2.0907)	(0.9012)
Opposite: Pct Bach More	0.3753	1.2695	0.7834
	(0.7625)	(1.9325)	(0.8633)
Opposite: Pct Military	-1.7720*	0.1825	-3.6773***
	(1.0019)	(1.4739)	(0.8983)
Opposite: Medain Earnings	-0.0000	0.0000	-0.0000**
	(0.0000)	(0.0000)	(0.0000)
Opposite: UE Rate	0.0113	-0.0069	0.0219
	(0.0180)	(0.0209)	(0.0201)
Academic Ability	0.0479	0.3400	-0.0653
	(0.0950)	(0.2269)	(0.0887)
Past Risky Behavior	0.0187	-0.2265*	0.1091
	(0.0600)	(0.1231)	(0.0851)
Female	-0.3604	-0.2123	-0.8032***
	(0.2868)	(0.6214)	(0.2779)
Hispanic	0.0333		-1.1594***
	(0.2492)		(0.3814)
Black	-0.0477		-1.4082***
	(0.2206)		(0.3324)
Tract: Pooled Data	-0.0336	-1.3288**	-0.2053
	(0.2288)	(0.5247)	(0.2573)
Constant	-0.6936	1.1199	0.4483
	(1.3352)	(1.8864)	(1.4286)
Observations	730	196	534
Number of States	36	27	36
R^2	0.0811	0.166	0.111

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A17: Reports coefficients from OLS regressions of beliefs. Instead of using neighborhood outcomes of adults of the same race and gender, for non-white(Black and Hispanic) respondents white adults of same gender is used, while for white respondents black or Hispanic adults of the same gender is used. Other independent variables include, academic ability measure, risky behavior, demographics, parental wealth and outcomes, peer attributes, county attributes, state fixed effects and adverse shocks. All standard errors are robust standard errors.

Table 9: School Outcomes Regressed on Past Beliefs

VARIABLES	(1) HS Dropout	(2) HS Dropout	(3) Bachelor's	(4) Bachelor's
Prob Work 20+hrs at 30 (10 ppts)	0.0023	0.0011	-0.0004	0.0020
	(0.0076)	(0.0076)	(0.0056)	(0.0050)
Prob HS Grad by 20 (10 ppts)	-0.0418***	-0.0414***	-0.0124***	-0.0123**
	(0.0085)	(0.0086)	(0.0045)	(0.0052)
Prob Deg by 30 (10 ppts)	-0.0100***	-0.0086**	0.0217***	0.0200***
	(0.0036)	(0.0035)	(0.0027)	(0.0030)
Prob Parent by 20 (10 ppts)	0.0138***	0.0130***	-0.0009	-0.0004
	(0.0040)	(0.0040)	(0.0035)	(0.0036)
Prob Arrested if Stole Car (10 ppts)	0.0027	0.0025	-0.0011	-0.0000
	(0.0020)	(0.0020)	(0.0023)	(0.0021)
Prob Arrest Next Year (10 ppts)	0.0010	0.0021	-0.0039	-0.0057
	(0.0048)	(0.0049)	(0.0064)	(0.0066)
Prob Die by 20 (10ppts)	-0.0050	-0.0054	-0.0023	-0.0009
	(0.0038)	(0.0042)	(0.0053)	(0.0053)
Observations	1,501	1,501	1,501	1,501
Number of States	41	41	41	41
Social Indices	Yes	No	Yes	No
Disaggregated Social Chars.	No	Yes	No	Yes
R^2	0.279	0.287	0.369	0.380

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A18: Reports coefficients from OLS regressions of outcomes on beliefs and other controls. All regressions use robust standard errors. Regressions also control for social environment, academic ability, risky behavior before 1997, race, ethnicity, gender, whether pooled tract level outcomes were used, birth year, and racial/ethnic composition of county

Table 10: Work Hours 2010 Regressed on Past Beliefs

VARIABLES	(1) Work 20+ hrs 2010	(2) Work 20+ hrs 2010
Prob Work 20+hrs at 30 (10 ppts)	0.0065	0.0071
	(0.0080)	(0.0082)
Prob HS Grad by 20 (10 ppts)	0.0035	0.0036
	(0.0072)	(0.0073)
Prob Deg by 30 (10 ppts)	0.0042	0.0040
	(0.0046)	(0.0044)
Prob Parent by 20 (10 ppts)	0.0041	0.0038
	(0.0049)	(0.0053)
Prob Arrested if Stole Car (10 ppts)	-0.0065**	-0.0061**
	(0.0028)	(0.0028)
Prob Arrest Next Year (10 ppts)	-0.0193**	-0.0178**
	(0.0081)	(0.0079)
Prob Die by 20 (10ppts)	0.0054	0.0057
	(0.0040)	(0.0040)
Observations	1,501	1,501
Number of States	41	41
Social Indices	Yes	No
Disaggregated Social Chars.	No	Yes
R^2	0.110	0.116

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A19: Reports coefficients from OLS regressions of outcomes on beliefs and other controls. All regressions use robust standard errors. Regressions also control for social environment, academic ability, risky behavior before 1997, race, ethnicity, gender, whether pooled tract level outcomes were used, birth year, and racial/ethnic composition of county

Table 11: Early Parenthood Regressed on Past Beliefs

VARIABLES	(1) Parent by 20	(2) Parent by 20
Prob Work 20+hrs at 30 (10 ppts)	0.0014	0.0022
	(0.0092)	(0.0086)
Prob HS Grad by 20 (10 ppts)	-0.0078	-0.0054
	(0.0086)	(0.0089)
Prob Deg by 30 (10 ppts)	-0.0082**	-0.0062**
	(0.0032)	(0.0030)
Prob Parent by 20 (10 ppts)	0.0147***	0.0130***
	(0.0048)	(0.0049)
Prob Arrested if Stole Car (10 ppts)	0.0012	0.0022
	(0.0021)	(0.0022)
Prob Arrest Next Year (10 ppts)	-0.0045	-0.0019
	(0.0063)	(0.0068)
Prob Die by 20 (10ppts)	-0.0004	-0.0001
	(0.0045)	(0.0044)
Observations	1,501	1,501
Number of States	41	41
Social Indices	Yes	No
Disaggregated Social Chars.	No	Yes
R^2	0.189	0.211

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A20: Reports coefficients from OLS regressions of outcomes on beliefs and other controls. All regressions use robust standard errors. Regressions also control for social environment, academic ability, risky behavior before 1997, race, ethnicity, gender, whether pooled tract level outcomes were used, birth year, and racial/ethnic composition of county

Table 12: Criminal Justice Outcomes Regressed on Past Beliefs

VARIABLES	(1) Arrested	(2) Arrested	(3) Incarcerated	(4) Incarcerated
Prob Work 20+hrs at 30 (10 ppts)	-0.0012	-0.0016	0.0082*	0.0084*
	(0.0055)	(0.0057)	(0.0045)	(0.0048)
Prob HS Grad by 20 (10 ppts)	0.0045	0.0064	0.0034	0.0038
	(0.0077)	(0.0076)	(0.0055)	(0.0056)
Prob Deg by 30 (10 ppts)	-0.0031	-0.0037	-0.0038	-0.0048
	(0.0039)	(0.0039)	(0.0033)	(0.0034)
Prob Parent by 20 (10 ppts)	0.0121**	0.0116**	0.0019	0.0017
	(0.0050)	(0.0054)	(0.0040)	(0.0040)
Prob Arrested if Stole Car (10 ppts)	0.0015	0.0010	0.0030**	0.0022
	(0.0025)	(0.0024)	(0.0014)	(0.0015)
Prob Arrest Next Year (10 ppts)	0.0235***	0.0249***	0.0180***	0.0184***
	(0.0079)	(0.0078)	(0.0054)	(0.0054)
Prob Die by 20 (10ppts)	-0.0013	-0.0023	-0.0032	-0.0031
	(0.0055)	(0.0052)	(0.0034)	(0.0036)
Observations	1,501	1,501	1,501	1,501
Number of States	41	41	41	41
Social Indices	Yes	No	Yes	No
Disaggregated Social Chars.	No	Yes	No	Yes
R^2	0.203	0.218	0.141	0.154

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A21: Reports coefficients from OLS regressions of outcomes on beliefs and other controls. All regressions use robust standard errors. Regressions also control for social environment, academic ability, risky behavior before 1997, race, ethnicity, gender, whether pooled tract level outcomes were used, birth year, and racial/ethnic composition of county

A.5 Oaxaca Blinder Decomposition Results

Table 9: Pct Explained of Low vs High Family Wealth Tercile Gaps

VARIABLES	(1) Arrest	(2) Incarc	(3) Parent	(4) HS Drop	(5) Bachelor's	(6) Work
Beliefs	0.0188	0.0047	0.0099	0.0576***	0.0207**	0.0019
% Explained	12.78	6.47	4.89	26.17	4.93	1.21
Neighborhood	-0.0229	-0.0090	0.0412*	-0.0386	0.0015	-0.0048
% Explained	-15.57	-12.4	20.34	-17.54	0.36	-3.06
Household	-0.0031	-0.0070	0.0544***	0.0252	0.0874***	-0.0187
% Explained	-2.11	-9.64	26.85	11.45	20.8	-11.93
Wealth	-0.0222	-0.0219	0.0085	-0.0072	0.0642**	-0.01
% Explained	-15.09	-30.17	4.2	-3.27	15.28	-6.38
Shocks	0.0239*	0.0026	-0.0154	0.0008	0.0420***	0.0421***
% Explained	16.25	3.58	-7.6	0.36	10	26.85
Peers	0.0043	0.0053	0.0408***	0.0272**	0.0055	0.008
% Explained	2.92	7.3	20.14	12.36	1.31	5.1
Academic	0.0336	0.0296**	-0.0095	0.0955***	0.1546***	0.1031***
% Explained	22.84	40.77	-4.69	43.39	36.79	65.75
Risky Behavior	0.0518***	0.0233***	0.0513***	0.0204**	0.0314***	0.0031
% Explained	35.21	32.09	25.32	9.27	7.47	1.98
Other	-0.0242	-0.0023	-0.0001	-0.0030	-0.0570***	-0.035
% Explained	-16.45	-3.17	-0.05	-1.36	-13.56	-22.32
Low Mean	0.3384***	0.1158***	0.2559***	0.2492***	0.1633***	0.6229***
High Mean	0.1913***	0.0395***	0.0533***	0.0291***	0.5835***	0.7797***
Gap	0.1471***	0.0763***	0.2026***	0.2201***	0.4202***	0.1568***
Observations	1,007	976	1,007	1,007	1,007	1,007
N High	413	380	413	413	413	413
N Low	594	596	594	594	594	594

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A22: Reports results from a Oaxaca Blinder decomposition. Only results for the explained portion for each group of coefficients is shown. The reference equation used to conduct the analysis pools low and high wealth youth together. Percent explained is calculated by dividing the explained portion of the difference in outcomes corresponding to each group of variables by the difference in mean outcomes between the groups.

Table 10: Pct Explained of Mid vs High Family Wealth Tercile Gaps

VARIABLES	(1) Arrest	(2) Incarc	(3) Parent	(4) HS Drop	(5) Bachelor's	(6) Work
Beliefs	0.0073	0.0017	0.0193***	0.0203***	0.0278***	0.0054
% Explained	6.62	3.74	16.25	19.8	9.72	8.29
Neighborhood	-0.0040	-0.0128	0.0147	0.0226**	-0.0154	0.0196
% Explained	-3.63	-28.13	12.37	22.05	-5.38	30.11
Household	0.0105	0.0138	0.0137	-0.0164*	0.0636***	0.0008
% Explained	9.52	30.33	11.53	-16	22.24	1.23
Wealth	-0.0039	-0.0098	0.0113	-0.0008	0.0396*	-0.0056
% Explained	-3.54	-21.54	9.51	-0.78	13.85	-8.6
Shocks	0.0121*	0.0028	0.0081	0.0000	0.0312***	0.0194***
% Explained	10.97	6.15	6.82	0	10.91	29.8
Peers	-0.0027	0.0053	0.0067	0.0154***	0.0078	0.0051
% Explained	-2.45	11.65	5.64	15.02	2.73	7.83
Academic	0.0471***	0.0146*	0.0138	0.0634***	0.1201***	0.0579***
% Explained	42.7	32.09	11.62	61.85	41.99	88.94
Risky Behavior	0.0387***	0.0217***	0.0186***	0.0136**	0.0202***	0.0141*
% Explained	35.09	47.69	15.66	13.27	7.06	21.66
Other	-0.0132	0.0024	-0.0001	-0.0274**	-0.0181	-0.0273
% Explained	-11.97	5.27	-0.08	-26.73	-6.33	-41.94
Mid Mean	0.3016***	0.0891***	0.1721***	0.1316***	0.2976***	0.7146***
High Mean	0.1913***	0.0436***	0.0533***	0.0291***	0.5835***	0.7797***
Gap	0.1103***	0.0455***	0.1188***	0.1025***	0.2860***	0.0651**
Observations	907	907	907	907	907	907
N High	413	413	413	413	413	413
N Mid	494	494	494	494	494	494

Robust standard errors in parentheses
*** p<0.01, ** p<0.05, * p<0.1

Table A23: Reports results from a Oaxaca Blinder decomposition. Only results for the explained portion for each group of coefficients is shown. The reference equation used to conduct the analysis pools mid and high wealth youth together. Percent explained is calculated by dividing the explained portion of the difference in outcomes corresponding to each group of variables by the difference in mean outcomes between the groups.