

Supplemental Materials
To be Published Online Only

Manuscript: Health Inequalities: Is Adolescent Involvement in the Legal System a Risk Factor for Reduced Health Care Access and Usage during Adulthood?

Appendix A: Balancing Statistics

Appendix B: Full Weighted Models

Appendix C: Unweighted Models

Appendix A: Balancing Statistics

Table A1: Pre-Weighting Balancing Statistics

Group 1	Group 2	Covariate	Mean Class 1	Mean Class 2	std.eff.sz	p-value	ks
1	2	Health Insurance in 1997	0.87	0.85	0.07	0.02	0.03
1	2	Hispanic (ref = non-Hispanic)	0.21	0.21	0.02	0.59	0.01
1	2	Other Race (ref = White)	0.15	0.14	0.01	0.64	0.01
1	2	Black (ref = White)	0.26	0.29	0.07	0.02	0.03
1	2	Male	0.47	0.67	0.39	0.00	0.19
1	2	Age in 1997	14.41	14.25	0.11	0.00	0.05
1	2	Sample	1.25	1.25	0.01	0.79	0.00
1	2	Parental Incarceration Before 16	0.05	0.10	0.19	0.00	0.05
1	2	Bio-Mother Educational Attainment	12.49	12.13	0.13	0.00	0.07
1	2	Bio-Father Educational Attainment	12.51	11.93	0.18	0.00	0.09
1	2	Parental Health in 1997	3.71	3.57	0.12	0.00	0.05
1	2	Adverse Experiences	0.05	0.06	0.04	0.16	0.01
1	2	Household Net Worth	97814.11	74388.50	0.17	0.00	0.11
Both Biological Parents In							
1	2	Household	0.52	0.37	0.30	0.00	0.15
1	2	Child Care First Year of Life	0.28	0.29	0.01	0.84	0.00
1	2	% Peers Smoke	2.55	2.84	0.23	0.00	0.09
1	2	% Peers Drink	2.09	2.31	0.18	0.00	0.08
1	2	% Peers in Gang	1.54	1.77	0.24	0.00	0.11
1	2	% Peers who use Illegal Drugs	2.22	2.62	0.30	0.00	0.14
1	2	% Peers had Sex	2.39	2.73	0.26	0.00	0.12
1	2	Threatened at School	0.78	1.80	0.20	0.00	0.14
1	2	Fought at School	0.28	0.80	0.31	0.00	0.18
1	2	Late for School	1.98	4.18	0.31	0.00	0.16
1	2	Days Absent from School	4.38	6.66	0.30	0.00	0.13
1	2	Teachers Are Good	3.05	2.89	0.26	0.00	0.09
1	2	Discipline is Fair	2.85	2.65	0.26	0.00	0.11
1	3	Health Insurance in 1997	0.87	0.81	0.19	0.03	0.07
1	3	Hispanic (ref = non-Hispanic)	0.21	0.27	0.15	0.07	0.06
1	3	Other Race (ref = White)	0.15	0.17	0.06	0.46	0.02
1	3	Black (ref = White)	0.26	0.37	0.24	0.00	0.11
1	3	Male	0.47	0.75	0.56	0.00	0.28
1	3	Age in 1997	14.41	14.27	0.09	0.20	0.08
1	3	Sample	1.25	1.34	0.23	0.01	0.10
1	3	Parental Incarceration Before 16	0.05	0.16	0.43	0.00	0.11
1	3	Bio-Mother Educational Attainment	12.49	11.43	0.37	0.00	0.18
1	3	Bio-Father Educational Attainment	12.51	10.83	0.53	0.00	0.24
1	3	Parental Health in 1997	3.71	3.30	0.37	0.00	0.18
1	3	Adverse Experiences	0.05	0.09	0.19	0.05	0.04
1	3	Household Net Worth	97814.11	48621.85	0.35	0.00	0.23
Both Biological Parents In							
1	3	Household	0.52	0.22	0.61	0.00	0.30
1	3	Child Care First Year of Life	0.28	0.21	0.17	0.01	0.08
1	3	% Peers Smoke	2.55	2.93	0.29	0.00	0.12
1	3	% Peers Drink	2.09	2.37	0.23	0.01	0.09
1	3	% Peers in Gang	1.54	2.02	0.49	0.00	0.22

1	3	% Peers who use Illegal Drugs	2.22	2.82	0.46	0.00	0.20
1	3	% Peers had Sex	2.39	3.10	0.54	0.00	0.21
1	3	Threatened at School	0.78	2.48	0.33	0.03	0.14
1	3	Fought at School	0.28	1.60	0.78	0.00	0.37
1	3	Late for School	1.98	5.85	0.55	0.00	0.32
1	3	Days Absent from School	4.38	10.31	0.78	0.00	0.20
1	3	Teachers Are Good	3.05	2.71	0.55	0.00	0.18
1	3	Discipline is Fair	2.85	2.54	0.40	0.00	0.20
1	4	Health Insurance in 1997	0.87	0.76	0.32	0.01	0.11
1	4	Hispanic (ref = non-Hispanic)	0.21	0.19	0.05	0.62	0.02
1	4	Other Race (ref = White)	0.15	0.10	0.13	0.13	0.04
1	4	Black (ref = White)	0.26	0.41	0.35	0.00	0.16
1	4	Male	0.47	0.81	0.67	0.00	0.33
1	4	Age in 1997	14.41	14.07	0.23	0.02	0.10
1	4	Sample	1.25	1.33	0.20	0.06	0.09
1	4	Parental Incarceration Before 16	0.05	0.12	0.27	0.04	0.07
1	4	Bio-Mother Educational Attainment	12.49	11.39	0.38	0.00	0.21
1	4	Bio-Father Educational Attainment	12.51	11.10	0.44	0.00	0.19
1	4	Parental Health in 1997	3.71	3.21	0.45	0.00	0.17
1	4	Adverse Experiences	0.05	0.12	0.32	0.03	0.07
1	4	Household Net Worth	97814.11	42611.82	0.40	0.00	0.24
1	4	Both Biological Parents In Household	0.52	0.23	0.58	0.00	0.29
1	4	Child Care First Year of Life	0.28	0.23	0.12	0.19	0.05
1	4	% Peers Smoke	2.55	3.08	0.42	0.00	0.19
1	4	% Peers Drink	2.09	2.39	0.25	0.02	0.14
1	4	% Peers in Gang	1.54	2.08	0.55	0.00	0.18
1	4	% Peers who use Illegal Drugs	2.22	2.70	0.37	0.00	0.14
1	4	% Peers had Sex	2.39	2.92	0.40	0.00	0.19
1	4	Threatened at School	0.78	1.11	0.06	0.24	0.13
1	4	Fought at School	0.28	1.61	0.78	0.00	0.35
1	4	Late for School	1.98	4.61	0.37	0.00	0.22
1	4	Days Absent from School	4.38	9.76	0.71	0.00	0.23
1	4	Teachers Are Good	3.05	2.73	0.52	0.00	0.17
1	4	Discipline is Fair	2.85	2.77	0.10	0.31	0.08
1	3	Health Insurance in 1997	0.85	0.81	0.12	0.20	0.04
2	3	Hispanic (ref = non-Hispanic)	0.21	0.27	0.17	0.05	0.07
2	3	Other Race (ref = White)	0.14	0.17	0.07	0.39	0.03
2	3	Black (ref = White)	0.29	0.37	0.17	0.05	0.08
2	3	Male	0.67	0.75	0.17	0.01	0.09
2	3	Age in 1997	14.25	14.27	0.01	0.86	0.04
2	3	Sample	1.25	1.34	0.22	0.01	0.09
2	3	Parental Incarceration Before 16	0.10	0.16	0.24	0.04	0.06
2	3	Bio-Mother Educational Attainment	12.13	11.43	0.24	0.01	0.11
2	3	Bio-Father Educational Attainment	11.93	10.83	0.35	0.00	0.15
2	3	Parental Health in 1997	3.57	3.30	0.25	0.00	0.12
2	3	Adverse Experiences	0.06	0.09	0.15	0.16	0.03
2	3	Household Net Worth	74388.50	48621.85	0.19	0.00	0.13
2	3	Both Biological Parents In Household	0.37	0.22	0.31	0.00	0.16
2	3	Child Care First Year of Life	0.29	0.21	0.18	0.02	0.08

2	3	% Peers Smoke	2.84	2.93	0.07	0.41	0.03
2	3	% Peers Drink	2.31	2.37	0.05	0.60	0.02
2	3	% Peers in Gang	1.77	2.02	0.26	0.01	0.12
2	3	% Peers who use Illegal Drugs	2.62	2.82	0.16	0.09	0.06
2	3	% Peers had Sex	2.73	3.10	0.28	0.00	0.11
2	3	Threatened at School	1.80	2.48	0.13	0.41	0.04
2	3	Fought at School	0.80	1.60	0.47	0.00	0.20
2	3	Late for School	4.18	5.85	0.24	0.06	0.16
2	3	Days Absent from School	6.66	10.31	0.48	0.00	0.12
2	3	Teachers Are Good	2.89	2.71	0.29	0.00	0.09
2	3	Discipline is Fair	2.65	2.54	0.15	0.12	0.09
2	4	Health Insurance in 1997	0.85	0.76	0.25	0.04	0.09
2	4	Hispanic (ref = non-Hispanic)	0.21	0.19	0.03	0.75	0.01
2	4	Other Race (ref = White)	0.14	0.10	0.11	0.20	0.04
2	4	Black (ref = White)	0.29	0.41	0.28	0.01	0.12
2	4	Male	0.67	0.81	0.28	0.00	0.14
2	4	Age in 1997	14.25	14.07	0.12	0.21	0.06
2	4	Sample	1.25	1.33	0.19	0.08	0.08
2	4	Parental Incarceration Before 16	0.10	0.12	0.08	0.56	0.02
2	4	Bio-Mother Educational Attainment	12.13	11.39	0.25	0.01	0.14
2	4	Bio-Father Educational Attainment	11.93	11.10	0.26	0.00	0.11
2	4	Parental Health in 1997	3.57	3.21	0.33	0.00	0.12
2	4	Adverse Experiences	0.06	0.12	0.27	0.06	0.06
2	4	Household Net Worth	74388.50	42611.82	0.23	0.00	0.15
2	4	Both Biological Parents In					
2	4	Household	0.37	0.23	0.29	0.00	0.14
2	4	Child Care First Year of Life	0.29	0.23	0.13	0.18	0.06
2	4	% Peers Smoke	2.84	3.08	0.19	0.09	0.11
2	4	% Peers Drink	2.31	2.39	0.07	0.53	0.06
2	4	% Peers in Gang	1.77	2.08	0.32	0.02	0.10
2	4	% Peers who use Illegal Drugs	2.62	2.70	0.06	0.58	0.05
2	4	% Peers had Sex	2.73	2.92	0.14	0.18	0.07
2	4	Threatened at School	1.80	1.11	0.13	0.05	0.03
2	4	Fought at School	0.80	1.61	0.48	0.01	0.17
2	4	Late for School	4.18	4.61	0.06	0.65	0.06
2	4	Days Absent from School	6.66	9.76	0.41	0.03	0.13
2	4	Teachers Are Good	2.89	2.73	0.26	0.04	0.08
2	4	Discipline is Fair	2.65	2.77	0.15	0.15	0.06
3	4	Health Insurance in 1997	0.81	0.76	0.13	0.38	0.04
3	4	Hispanic (ref = non-Hispanic)	0.27	0.19	0.20	0.11	0.08
3	4	Other Race (ref = White)	0.17	0.10	0.19	0.11	0.07
3	4	Black (ref = White)	0.37	0.41	0.11	0.43	0.05
3	4	Male	0.75	0.81	0.11	0.29	0.05
3	4	Age in 1997	14.27	14.07	0.14	0.25	0.07
3	4	Sample	1.34	1.33	0.03	0.83	0.01
3	4	Parental Incarceration Before 16	0.16	0.12	0.17	0.33	0.04
3	4	Bio-Mother Educational Attainment	11.43	11.39	0.01	0.92	0.09
3	4	Bio-Father Educational Attainment	10.83	11.10	0.09	0.43	0.08
3	4	Parental Health in 1997	3.30	3.21	0.08	0.50	0.05
3	4	Adverse Experiences	0.09	0.12	0.13	0.46	0.03
3	4	Household Net Worth	48621.85	42611.82	0.04	0.56	0.08

		Both Biological Parents In					
3	4	Household	0.22	0.23	0.02	0.81	0.01
3	4	Child Care First Year of Life	0.21	0.23	0.05	0.64	0.02
3	4	% Peers Smoke	2.93	3.08	0.12	0.37	0.09
3	4	% Peers Drink	2.37	2.39	0.02	0.86	0.05
3	4	% Peers in Gang	2.02	2.08	0.06	0.71	0.06
3	4	% Peers who use Illegal Drugs	2.82	2.70	0.09	0.51	0.07
3	4	% Peers had Sex	3.10	2.92	0.14	0.30	0.07
3	4	Threatened at School	2.48	1.11	0.26	0.11	0.05
3	4	Fought at School	1.60	1.61	0.00	0.99	0.05
3	4	Late for School	5.85	4.61	0.18	0.32	0.13
3	4	Days Absent from School	10.31	9.76	0.07	0.77	0.07
3	4	Teachers Are Good	2.71	2.73	0.03	0.87	0.02
3	4	Discipline is Fair	2.54	2.77	0.30	0.03	0.12

Notes: The values in the group columns are "1" = no legal system contact before 18, "2" = arrested before 18, "3" = incarcerated in juvenile facilities before 18, "4" = incarcerated in adult facilities before 18.

Table A2: Post-Weighting Balancing Statistics

Group 1	Group 2	Covariate	Mean Class 1	Mean Class 2	std.eff.sz	p-value	ks
1	2	Health Insurance in 1997	0.87	0.87	0.01	0.81	0.00
1	2	Hispanic (ref = non-Hispanic)	0.22	0.19	0.05	0.13	0.02
1	2	Other Race (ref = White)	0.15	0.14	0.01	0.79	0.00
1	2	Black (ref = White)	0.27	0.27	0.01	0.83	0.00
1	2	Male	0.51	0.55	0.09	0.02	0.05
1	2	Age in 1997	14.39	14.29	0.07	0.05	0.03
1	2	Sample	1.25	1.24	0.04	0.32	0.02
1	2	Parental Incarceration Before 16	0.06	0.07	0.03	0.30	0.01
1	2	Bio-Mother Educational Attainment	12.42	12.42	0.00	0.94	0.02
1	2	Bio-Father Educational Attainment	12.39	12.35	0.02	0.65	0.02
1	2	Parental Health in 1997	3.68	3.67	0.00	0.92	0.00
1	2	Adverse Experiences	0.05	0.05	0.02	0.64	0.00
1	2	Household Net Worth	93163.84	89927.78	0.02	0.53	0.02
1	2	Both Biological Parents In Household	0.49	0.46	0.06	0.10	0.03
1	2	Child Care First Year of Life	0.28	0.29	0.01	0.85	0.00
1	2	% Peers Smoke	2.59	2.64	0.04	0.27	0.02
1	2	% Peers Drink	2.12	2.13	0.01	0.71	0.01
1	2	% Peers in Gang	1.58	1.59	0.00	0.93	0.01
1	2	% Peers who use Illegal Drugs	2.28	2.32	0.03	0.35	0.03
1	2	% Peers had Sex	2.44	2.50	0.05	0.20	0.02
1	2	Threatened at School	0.91	0.85	0.01	0.52	0.02
1	2	Fought at School	0.38	0.40	0.01	0.70	0.01
1	2	Late for School	2.35	2.41	0.01	0.72	0.02
1	2	Days Absent from School	4.74	4.72	0.00	0.93	0.01
1	2	Teachers Are Good	3.03	2.99	0.05	0.13	0.02
1	2	Discipline is Fair	2.82	2.77	0.06	0.05	0.03
1	3	Health Insurance in 1997	0.87	0.82	0.15	0.23	0.05
1	3	Hispanic (ref = non-Hispanic)	0.22	0.31	0.23	0.11	0.09
1	3	Other Race (ref = White)	0.15	0.19	0.12	0.42	0.04
1	3	Black (ref = White)	0.27	0.21	0.13	0.14	0.06
1	3	Male	0.51	0.69	0.36	0.00	0.18
1	3	Age in 1997	14.39	14.03	0.25	0.04	0.11
1	3	Sample	1.25	1.22	0.08	0.40	0.03
1	3	Parental Incarceration Before 16	0.06	0.11	0.22	0.15	0.05
1	3	Bio-Mother Educational Attainment	12.42	12.30	0.04	0.80	0.07
1	3	Bio-Father Educational Attainment	12.39	11.67	0.23	0.03	0.14
1	3	Parental Health in 1997	3.68	3.47	0.19	0.09	0.10
1	3	Adverse Experiences	0.05	0.04	0.05	0.49	0.01
1	3	Household Net Worth	93163.84	76424.91	0.12	0.22	0.09
1	3	Both Biological Parents In Household	0.49	0.32	0.34	0.00	0.17
1	3	Child Care First Year of Life	0.28	0.29	0.01	0.96	0.00
1	3	% Peers Smoke	2.59	2.59	0.00	0.99	0.03
1	3	% Peers Drink	2.12	2.00	0.09	0.40	0.07
1	3	% Peers in Gang	1.58	1.63	0.05	0.62	0.09
1	3	% Peers who use Illegal Drugs	2.28	2.50	0.17	0.10	0.10

1	3	% Peers had Sex	2.44	2.55	0.08	0.47	0.04
1	3	Threatened at School	0.91	0.63	0.05	0.09	0.03
1	3	Fought at School	0.38	0.46	0.05	0.32	0.07
1	3	Late for School	2.35	2.18	0.02	0.64	0.05
1	3	Days Absent from School	4.74	5.06	0.04	0.59	0.04
1	3	Teachers Are Good	3.03	2.95	0.12	0.17	0.07
1	3	Discipline is Fair	2.82	2.77	0.07	0.62	0.08
1	4	Health Insurance in 1997	0.87	0.87	0.01	0.97	0.00
1	4	Hispanic (ref = non-Hispanic)	0.22	0.09	0.32	0.00	0.13
1	4	Other Race (ref = White)	0.15	0.07	0.22	0.04	0.08
1	4	Black (ref = White)	0.27	0.33	0.15	0.40	0.07
1	4	Male	0.51	0.60	0.19	0.30	0.09
1	4	Age in 1997	14.39	13.79	0.41	0.00	0.16
1	4	Sample	1.25	1.31	0.14	0.43	0.06
1	4	Parental Incarceration Before 16	0.06	0.07	0.02	0.90	0.01
1	4	Bio-Mother Educational Attainment	12.42	12.22	0.07	0.48	0.13
1	4	Bio-Father Educational Attainment	12.39	11.72	0.21	0.04	0.18
1	4	Parental Health in 1997	3.68	3.54	0.12	0.48	0.06
1	4	Adverse Experiences	0.05	0.05	0.01	0.96	0.00
1	4	Household Net Worth	93163.84	50201.96	0.31	0.00	0.24
1	4	Both Biological Parents In Household	0.49	0.29	0.41	0.01	0.21
1	4	Child Care First Year of Life	0.28	0.30	0.05	0.79	0.02
1	4	% Peers Smoke	2.59	2.50	0.07	0.66	0.05
1	4	% Peers Drink	2.12	1.93	0.15	0.37	0.14
1	4	% Peers in Gang	1.58	1.62	0.04	0.80	0.04
1	4	% Peers who use Illegal Drugs	2.28	2.15	0.10	0.47	0.07
1	4	% Peers had Sex	2.44	2.32	0.09	0.54	0.09
1	4	Threatened at School	0.91	0.83	0.02	0.79	0.07
1	4	Fought at School	0.38	0.31	0.04	0.31	0.02
1	4	Late for School	2.35	2.42	0.01	0.95	0.04
1	4	Days Absent from School	4.74	4.32	0.05	0.54	0.09
1	4	Teachers Are Good	3.03	3.17	0.23	0.11	0.08
1	4	Discipline is Fair	2.82	2.96	0.18	0.25	0.07
2	3	Health Insurance in 1997	0.87	0.82	0.16	0.22	0.05
2	3	Hispanic (ref = non-Hispanic)	0.19	0.31	0.28	0.05	0.12
2	3	Other Race (ref = White)	0.14	0.19	0.13	0.39	0.05
2	3	Black (ref = White)	0.27	0.21	0.13	0.14	0.06
2	3	Male	0.55	0.69	0.27	0.03	0.14
2	3	Age in 1997	14.29	14.03	0.17	0.15	0.08
2	3	Sample	1.24	1.22	0.04	0.66	0.02
2	3	Parental Incarceration Before 16	0.07	0.11	0.18	0.23	0.05
2	3	Bio-Mother Educational Attainment	12.42	12.30	0.04	0.79	0.06
2	3	Bio-Father Educational Attainment	12.35	11.67	0.21	0.05	0.11
2	3	Parental Health in 1997	3.67	3.47	0.19	0.10	0.10
2	3	Adverse Experiences	0.05	0.04	0.03	0.68	0.01
2	3	Household Net Worth	89927.78	76424.91	0.10	0.35	0.08
2	3	Both Biological Parents In Household	0.46	0.32	0.28	0.02	0.14
2	3	Child Care First Year of Life	0.29	0.29	0.00	1.00	0.00
2	3	% Peers Smoke	2.64	2.59	0.04	0.74	0.03

2	3	% Peers Drink	2.13	2.00	0.10	0.35	0.07
2	3	% Peers in Gang	1.59	1.63	0.05	0.65	0.07
2	3	% Peers who use Illegal Drugs	2.32	2.50	0.14	0.20	0.08
2	3	% Peers had Sex	2.50	2.55	0.03	0.77	0.02
2	3	Threatened at School	0.85	0.63	0.04	0.21	0.04
2	3	Fought at School	0.40	0.46	0.04	0.47	0.06
2	3	Late for School	2.41	2.18	0.03	0.54	0.05
2	3	Days Absent from School	4.72	5.06	0.05	0.58	0.05
2	3	Teachers Are Good	2.99	2.95	0.07	0.45	0.05
2	3	Discipline is Fair	2.77	2.77	0.00	0.99	0.07
2	4	Health Insurance in 1997	0.87	0.87	0.00	0.98	0.00
2	4	Hispanic (ref = non-Hispanic)	0.19	0.09	0.26	0.00	0.11
2	4	Other Race (ref = White)	0.14	0.07	0.21	0.06	0.08
2	4	Black (ref = White)	0.27	0.33	0.14	0.44	0.06
2	4	Male	0.55	0.60	0.10	0.60	0.05
2	4	Age in 1997	14.29	13.79	0.34	0.02	0.14
2	4	Sample	1.24	1.31	0.18	0.33	0.08
2	4	Parental Incarceration Before 16	0.07	0.07	0.01	0.93	0.00
2	4	Bio-Mother Educational Attainment	12.42	12.22	0.07	0.49	0.12
2	4	Bio-Father Educational Attainment	12.35	11.72	0.20	0.06	0.16
2	4	Parental Health in 1997	3.67	3.54	0.12	0.50	0.06
2	4	Adverse Experiences	0.05	0.05	0.01	0.92	0.00
2	4	Household Net Worth	89927.78	50201.96	0.29	0.01	0.23
2	4	Both Biological Parents In					
2	4	Household	0.46	0.29	0.35	0.02	0.18
2	4	Child Care First Year of Life	0.29	0.30	0.04	0.83	0.02
2	4	% Peers Smoke	2.64	2.50	0.11	0.50	0.07
2	4	% Peers Drink	2.13	1.93	0.16	0.34	0.14
2	4	% Peers in Gang	1.59	1.62	0.04	0.82	0.03
2	4	% Peers who use Illegal Drugs	2.32	2.15	0.13	0.36	0.10
2	4	% Peers had Sex	2.50	2.32	0.14	0.37	0.11
2	4	Threatened at School	0.85	0.83	0.00	0.96	0.05
2	4	Fought at School	0.40	0.31	0.05	0.23	0.02
2	4	Late for School	2.41	2.42	0.00	1.00	0.05
2	4	Days Absent from School	4.72	4.32	0.05	0.57	0.09
2	4	Teachers Are Good	2.99	3.17	0.28	0.06	0.10
2	4	Discipline is Fair	2.77	2.96	0.24	0.13	0.10
3	4	Health Insurance in 1997	0.82	0.87	0.16	0.37	0.05
3	4	Hispanic (ref = non-Hispanic)	0.31	0.09	0.54	0.00	0.22
3	4	Other Race (ref = White)	0.19	0.07	0.35	0.06	0.12
3	4	Black (ref = White)	0.21	0.33	0.27	0.16	0.12
3	4	Male	0.69	0.60	0.18	0.41	0.09
3	4	Age in 1997	14.03	13.79	0.16	0.37	0.07
3	4	Sample	1.22	1.31	0.22	0.28	0.10
3	4	Parental Incarceration Before 16	0.11	0.07	0.20	0.36	0.05
3	4	Bio-Mother Educational Attainment	12.30	12.22	0.03	0.88	0.13
3	4	Bio-Father Educational Attainment	11.67	11.72	0.01	0.92	0.12
3	4	Parental Health in 1997	3.47	3.54	0.07	0.75	0.07
3	4	Adverse Experiences	0.04	0.05	0.04	0.74	0.01
3	4	Household Net Worth	76424.91	50201.96	0.19	0.18	0.22

		Both Biological Parents In						
3	4	Household	0.32	0.29	0.07	0.72	0.03	
3	4	Child Care First Year of Life	0.29	0.30	0.04	0.86	0.02	
3	4	% Peers Smoke	2.59	2.50	0.07	0.72	0.08	
3	4	% Peers Drink	2.00	1.93	0.06	0.78	0.07	
3	4	% Peers in Gang	1.63	1.62	0.01	0.95	0.05	
3	4	% Peers who use Illegal Drugs	2.50	2.15	0.27	0.12	0.14	
3	4	% Peers had Sex	2.55	2.32	0.17	0.35	0.13	
3	4	Threatened at School	0.63	0.83	0.04	0.54	0.09	
3	4	Fought at School	0.46	0.31	0.09	0.13	0.06	
3	4	Late for School	2.18	2.42	0.03	0.82	0.09	
3	4	Days Absent from School	5.06	4.32	0.10	0.42	0.09	
3	4	Teachers Are Good	2.95	3.17	0.35	0.04	0.15	
3	4	Discipline is Fair	2.77	2.96	0.25	0.23	0.11	

Notes: The values in the group columns are "1" = no legal system contact before 18, "2" = arrested before 18, "3" = incarcerated in juvenile facilities before 18, "4" = incarcerated in adult facilities before 18.

Appendix B: Full Weighted Models

Table B1: Poisson Models Regressing Access to Health Care and Health Care Usage Indicators on Juvenile Involvement with the System Measures and Key Covariates.

	Health Insurance Endorsed (2003-2021)				Routine Check Up Endorsed (2003-2021)				Doctor Visits When Sick (2003-2008)			
	IRR	L 95%CI	U 95%CI	p-value	IRR	L 95%CI	U 95%CI	p-value	IRR	L 95%CI	U 95%CI	p-value
Primary Independent Variables												
Arrested Before 18	0.911	0.902	0.921	0.000	0.970	0.959	0.982	0.000	1.038	1.016	1.060	0.001
Incarcerated in Juvenile Facilities Before 18	0.710	0.699	0.720	0.000	0.840	0.827	0.853	0.000	0.785	0.763	0.808	0.000
Incarcerated in Adult Facilities Before 18	0.639	0.628	0.649	0.000	0.848	0.834	0.863	0.000	1.071	1.042	1.101	0.000
Health Insurance in 1997	1.253	1.234	1.273	0.000	1.090	1.073	1.107	0.000	1.109	1.078	1.142	0.000
Demographics												
Hispanic (ref = non-Hispanic)	1.002	0.986	1.019	0.802	1.141	1.121	1.162	0.000	0.986	0.954	1.018	0.392
Other Race (ref = White)	1.040	1.024	1.057	0.000	1.053	1.035	1.072	0.000	0.786	0.760	0.812	0.000
Black (ref = White)	0.956	0.942	0.969	0.000	1.403	1.383	1.424	0.000	0.784	0.762	0.807	0.000
Male	0.786	0.779	0.794	0.000	0.589	0.582	0.595	0.000	0.620	0.609	0.632	0.000
Age in 1997	1.037	1.033	1.041	0.000	1.016	1.012	1.020	0.000	0.972	0.964	0.979	0.000
Sample	1.006	0.992	1.020	0.423	1.030	1.015	1.045	0.000	1.015	0.987	1.045	0.299
Parental Indicators												
Parental Incarceration Before 16	1.036	1.017	1.055	0.000	1.051	1.032	1.071	0.000	1.139	1.102	1.177	0.000
Bio-Mother Educational Attainment	1.008	1.006	1.011	0.000	0.984	0.982	0.986	0.000	1.022	1.018	1.027	0.000
Bio-Father Educational Attainment	1.005	1.003	1.007	0.000	1.014	1.012	1.017	0.000	1.008	1.004	1.012	0.000
Parental Health in 1997	1.005	1.001	1.010	0.023	1.012	1.007	1.017	0.000	1.028	1.019	1.037	0.000
Covariates Measured in 1997												
Adverse Experiences	1.003	0.980	1.025	0.826	1.003	0.980	1.027	0.807	1.076	1.032	1.122	0.001
Household Net Worth	1.000	1.000	1.000	0.000	1.000	1.000	1.000	0.000	1.000	1.000	1.000	0.290
Both Biological Parents In Household	1.111	1.099	1.122	0.000	1.054	1.042	1.066	0.000	0.957	0.938	0.977	0.000
Child Care First Year of Life	1.039	1.029	1.050	0.000	1.010	0.999	1.022	0.074	1.004	0.984	1.024	0.727
% Peers Smoke	0.984	0.978	0.989	0.000	1.012	1.006	1.018	0.000	1.006	0.996	1.017	0.254
% Peers Drink	1.056	1.050	1.063	0.000	1.038	1.032	1.045	0.000	1.019	1.008	1.030	0.001
% Peers in Gang	0.994	0.988	0.999	0.030	0.983	0.977	0.989	0.000	0.974	0.963	0.985	0.000
% Peers who use Illegal Drugs	0.974	0.968	0.979	0.000	0.980	0.974	0.986	0.000	1.018	1.008	1.029	0.001
% Peers had Sex	0.992	0.987	0.996	0.001	0.994	0.989	0.999	0.031	1.007	0.997	1.016	0.171
Threatened at School	1.004	1.003	1.005	0.000	1.004	1.003	1.005	0.000	1.004	1.002	1.006	0.000
Fought at School	0.992	0.989	0.996	0.000	1.004	1.001	1.007	0.004	1.002	0.996	1.008	0.533
Late for School	1.000	1.000	1.001	0.175	0.999	0.998	1.000	0.027	0.998	0.997	0.999	0.008
Days Absent from School	0.998	0.998	0.999	0.000	0.998	0.998	0.999	0.000	1.005	1.003	1.006	0.000
Teachers Are Good	1.016	1.008	1.025	0.000	1.015	1.006	1.024	0.001	1.011	0.995	1.027	0.188
Discipline is Fair	0.977	0.971	0.983	0.000	0.991	0.985	0.998	0.013	0.975	0.963	0.986	0.000
N	8,961				8,961				8,961			
Global Deviance	146166.008				142413.083				86187.037			
AIC	146226.008				142473.083				86247.037			

Notes: Robust (sandwich) standard errors were used when estimating the models. Pre-weighting and post-weighting balancing statistics across the treatment groups are provided in Appendix A for the ATE weights.

Appendix C: Unweighted Models

Table C1: Poisson Models Regressing Access to Health Care and Health Care Usage Indicators on Juvenile Involvement with the System Measures and Key Covariates.

	Health Insurance Endorsed (2003-2021)				Routine Check Up Endorsed (2003-2021)				Doctor Visits When Sick (2003-2008)			
	IRR	L 95%CI	U 95%CI	p-value	IRR	L 95%CI	U 95%CI	p-value	IRR	L 95%CI	U 95%CI	p-value
Primary Independent Variables												
Arrested Before 18	0.880	0.861	0.899	0.000	0.948	0.925	0.971	0.000	1.031	0.988	1.076	0.155
Incarcerated in Juvenile Facilities Before 18	0.727	0.682	0.775	0.000	0.895	0.839	0.955	0.001	0.880	0.781	0.992	0.036
Incarcerated in Adult Facilities Before 18	0.645	0.592	0.703	0.000	0.937	0.864	1.015	0.110	1.126	0.983	1.289	0.087
Health Insurance in 1997	1.193	1.165	1.221	0.000	1.080	1.053	1.107	0.000	1.096	1.046	1.149	0.000
Demographics												
Hispanic (ref = non-Hispanic)	0.993	0.968	1.017	0.550	1.098	1.068	1.128	0.000	0.930	0.883	0.978	0.005
Other Race (ref = White)	0.996	0.972	1.020	0.743	0.983	0.956	1.010	0.222	0.853	0.810	0.898	0.000
Black (ref = White)	0.948	0.928	0.969	0.000	1.288	1.259	1.318	0.000	0.793	0.758	0.829	0.000
Male	0.841	0.829	0.853	0.000	0.602	0.592	0.612	0.000	0.683	0.663	0.704	0.000
Age in 1997	1.017	1.012	1.023	0.000	1.009	1.003	1.016	0.003	0.983	0.972	0.994	0.004
Sample	0.998	0.977	1.019	0.833	1.007	0.985	1.029	0.543	0.927	0.887	0.969	0.001
Parental Indicators												
Parental Incarceration Before 16	1.013	0.982	1.044	0.418	1.033	1.001	1.066	0.046	1.155	1.090	1.225	0.000
Bio-Mother Educational Attainment	1.014	1.010	1.017	0.000	0.999	0.995	1.002	0.540	1.015	1.008	1.022	0.000
Bio-Father Educational Attainment	1.009	1.006	1.012	0.000	1.008	1.005	1.011	0.000	1.011	1.005	1.017	0.000
Parental Health in 1997	1.023	1.016	1.030	0.000	1.020	1.012	1.028	0.000	0.977	0.964	0.991	0.001
Covariates Measured in 1997												
Adverse Experiences	0.974	0.942	1.008	0.135	0.992	0.957	1.029	0.667	1.068	1.001	1.140	0.046
Household Net Worth	1.000	1.000	1.000	0.000	1.000	1.000	1.000	0.000	1.000	1.000	1.000	0.159
Both Biological Parents In Household	1.076	1.060	1.093	0.000	1.025	1.008	1.043	0.005	1.013	0.981	1.046	0.427
Child Care First Year of Life	1.017	1.002	1.033	0.029	1.017	1.000	1.035	0.053	1.056	1.023	1.090	0.001
% Peers Smoke	0.984	0.976	0.992	0.000	0.999	0.991	1.008	0.881	0.996	0.980	1.013	0.670
% Peers Drink	1.016	1.007	1.025	0.000	1.018	1.008	1.028	0.000	1.010	0.992	1.028	0.289
% Peers in Gang	1.000	0.991	1.009	0.979	1.005	0.996	1.015	0.253	0.987	0.970	1.005	0.148
% Peers who use Illegal Drugs	0.994	0.986	1.002	0.170	0.987	0.978	0.996	0.006	1.000	0.983	1.017	0.988
% Peers had Sex	0.994	0.987	1.001	0.102	1.000	0.992	1.008	0.925	1.002	0.987	1.017	0.763
Threatened at School	1.001	0.999	1.002	0.374	1.002	1.000	1.003	0.034	1.004	1.001	1.006	0.005
Fought at School	0.999	0.994	1.004	0.658	1.005	1.000	1.010	0.031	0.997	0.988	1.007	0.538
Late for School	1.000	0.999	1.002	0.458	0.999	0.997	1.000	0.044	0.998	0.996	1.001	0.139
Days Absent from School	0.999	0.998	1.000	0.017	1.000	0.999	1.001	0.887	1.003	1.001	1.004	0.007
Teachers Are Good	1.030	1.017	1.043	0.000	1.022	1.008	1.037	0.002	1.030	1.005	1.057	0.021
Discipline is Fair	1.001	0.991	1.011	0.860	1.002	0.991	1.013	0.754	0.968	0.949	0.988	0.002
N	8,961				8,961				8,961			
Global Deviance	52061.605				51244.607				33026.806			
AIC	52121.605				51304.607				33086.806			

Notes: Robust (sandwich) standard errors were used when estimating the models.