

Online Supplementary Material

Adolescent depression, early psychiatric comorbidities, and adulthood welfare burden: A 25-year longitudinal cohort study

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Table S1 Gender-stratified associations of adolescent depression with social transfer payments across ages 18 to 40, with nondepressed controls as reference

Social transfer payments (USD/year)	Adolescent depression	
	(n=321)	
	Unadjusted	Adjusted ^a
	B (95% CI)	B (95% CI)
Unemployment benefits		
Female	67 (-125, 260)	57 (-126, 240)
Male	705** (235, 1175)	697** (237, 1156)
Work disability benefits		
Female	453*** (175, 732)	424** (141, 708)
Male	106 (-564, 776)	186 (-354, 725)
Public assistance		
Female	373*** (225, 521)	365*** (215, 514)
Male	296* (16, 575)	296* (23, 568)
Overall payments combined		
Female	899*** (478, 1320)	849*** (436, 1262)
Male	1076* (135, 2018)	1161* (269, 2053)

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

^aadjusted for parental education

Table S2 Associations of adolescent depression with overall transfer payments across age-specific periods in adulthood, with nondepressed controls (n=218) as reference

Social transfer payments (USD/year)	Adolescent depression	
	(n=321)	
	Unadjusted	Adjusted ^a
	B (95% CI)	B (95% CI)
Overall payments combined		
All		
18-20 years of age	663*** (378, 947)	560*** (311, 809)
21-25 years of age	829*** (408, 1251)	764*** (344, 1183)
26-30 years of age	1160*** (566, 1754)	1115*** (534, 1696)
31-35 years of age	1055*** (526, 1585)	1012*** (479, 1545)
36-40 years of age	1235*** (563, 1907)	1235*** (570, 1901)

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

^aadjusted for gender and parental education

Table S3 Associations of specific types of adolescent depression with overall transfer payments across age-specific periods in adulthood, with nondepressed controls (n=218) as reference

Social transfer payments (USD/year)	Type of adolescent depression					
	(n=321)					
	Subthreshold depression		Major depressive disorder		Persistent depressive disorder	
	(n=64)		(n=82)		(n=175)	
	Unadjusted	Adjusted ^a	Unadjusted	Adjusted ^a	Unadjusted	Adjusted ^a
	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)
Overall payments combined						
All						
18-20 years of age	800** (235, 1365)	622* (129, 1114)	594* (128, 1059)	349 (-33, 732)	644*** (301, 986)	613*** (301, 924)
21-25 years of age	545 (-138, 1228)	410 (-206, 1026)	1045** (336, 1753)	973** (253, 1694)	836*** (321, 1352)	792** (271, 1314)
26-30 years of age	277 (-560, 1114)	270 (-489, 1029)	965* (107, 1823)	891* (9, 1774)	1576*** (793, 2360)	1526*** (766, 2287)
31-35 years of age	429 (-324, 1183)	394 (-364, 1152)	659 (-113, 1432)	573 (-219, 1364)	1455*** (725, 2185)	1407*** (678, 2136)
36-40 years of age	643 (-535, 1821)	602 (-563, 1767)	1136* (3, 2269)	1135 (-2, 2272)	1498*** (661, 2334)	1493*** (664, 2323)

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

^aadjusted for gender and parental education

Table S4 Associations of noncomorbid and comorbid adolescent depression with overall transfer payments across age-specific periods in adulthood, with nondepressed controls (n=218) as reference

Adolescent depression with noncomorbid and comorbid psychiatric disorders of childhood/adolescence								
Social transfer payments (USD/year)	(n=321)							
	Noncomorbid depression		Depression + Anxiety disorders		Depression + Disruptive behavior disorders		Depression + Disruptive behavior disorders + Anxiety disorders	
	(n=132)		(n=93)		(n=44)		(n=52)	
	Unadjusted	Adjusted ^a	Unadjusted	Adjusted ^a	Unadjusted	Adjusted ^a	Unadjusted	Adjusted ^a
	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)	B (95% CI)
Overall payments combined								
All								
18-20 years of age	753*** (342, 1165)	532** (200, 864)	362 (-58, 781)	406 (-16, 827)	759** (193, 1326)	405 (-27, 837)	899** (326, 1473)	963*** (417, 1508)
21-25 years of age	824** (246, 1401)	655* (121, 1190)	368 (-212, 948)	276 (-269, 822)	959* (88, 1829)	870 (-126, 1865)	1571*** (666, 2476)	1713*** (736, 2689)
26-30 years of age	633 (-100, 1366)	488 (-186, 1161)	1388** (432, 2344)	1281** (387, 2175)	1637* (278, 2997)	1624* (152, 3096)	1718** (473, 2963)	1822** (527, 3118)
31-35 years of age	723* (49, 1398)	568 (-55, 1190)	706 (-100, 1511)	633 (-146, 1412)	1880* (362, 3399)	1781* (280, 3283)	1979** (745, 3212)	2088** (742, 3433)
36-40 years of age	1036* (110, 1963)	1034* (120, 1949)	455 (-387, 1298)	450 (-393, 1293)	1698* (120, 3276)	1688* (106, 3269)	2820*** (1169, 4470)	2835*** (1167, 4502)

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

^aadjusted for gender and parental education

Figure S1

