Social Assistance and Mental Health: Evidence from Longitudinal Data on Pharmaceutical Consumption

Dackehag, Margareta; Ellegård, Lina Maria; Gerdtham, Ulf; Nilsson, Therese

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ONLINE APPENDIX

TABLE A1: POOLED OLS REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR, INCLUDING CONTROLS FOR EARLIER PSYCHOPHARMACA CONSUMPTION. *WOMEN* (n=839,593)

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.0693***	0.0623***	0.0190***	0.00323
	(0.00619)	(0.00571)	(0.00337)	(0.00266)
– Antidepressants(t+1) (N06A)	0.0870***	0.0969***	0.0313***	0.0170***
	(0.00549)	(0.00546)	(0.00405)	(0.00378)
– Anxiolytics(t+1) (N05B)	0.0625***	0.0358***	0.0194***	0.0134***
	(0.00459)	(0.00427)	(0.00371)	(0.00360)
– Hypnotics(t+1) (N05C)	0.0209***	0.0417***	0.0134***	0.00364
	(0.00509)	(0.00471)	(0.00379)	(0.00365)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column. Columns 3-4 include controls for earlier consumption of any of the three psychopharmaca types; psychopharmaca(t-1) and psychopharmaca(t), respectively. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A2: POOLED OLS REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR, INCLUDING CONTROLS FOR EARLIER PSYCHOPHARMACA CONSUMPTION. *MEN* (n=708,646)

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.106***	0.0764***	0.0298***	0.0107***
	(0.00609)	(0.00566)	(0.00340)	(0.00265)
– Antidepressants(t+1) (N06A)	0.0764***	0.0475***	0.0210***	0.00944***
	(0.00482)	(0.00450)	(0.00357)	(0.00331)
– Anxiolytics(t+1) (N05B)	0.0567***	0.0338***	0.0181***	0.0113***
	(0.00414)	(0.00392)	(0.00341)	(0.00328)
– Hypnotics(t+1) (N05C)	0.0589***	0.0476***	0.0188***	0.00756**
	(0.00499)	(0.00459)	(0.00361)	(0.00339)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column. Columns 3-4 include controls for earlier consumption of any of the three psychopharmaca types; psychopharmaca(t-1) and psychopharmaca(t), respectively. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A3: FIXED EFFECT (FE) REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T, INCLUDING CONTROLS FOR EARLIER CONSUMPTION OF PSYCHOPHARMACA. *WOMEN* (n=839,593).

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.00259	0.00533	0.00547	0.00142
	(0.00373)	(0.00375)	(0.00375)	(0.00357)
– Antidepressants(t+1) (N06A)	0.00377	0.00541	0.00500	0.00161
	(0.00339)	(0.00342)	(0.00341)	(0.00331)
– Anxiolytics(t+1) (N05B)	0.00205	0.00318	0.00346	0.00267
	(0.00311)	(0.00312)	(0.00313)	(0.00311)
– Hypnotics(t+1) (N05C)	0.00421	0.00562*	0.00555*	0.00363
	(0.00312)	(0.00314)	(0.00314)	(0.00310)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column. All specifications include individual fixed effects. Columns 3-4 include controls for earlier consumption of any of the three psychopharmaca types; psychopharmaca(t-1) and psychopharmaca(t), respectively. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A4: FIXED EFFECT (FE) REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T, INCLUDING CONTROLS FOR EARLIER CONSUMPTION OF PSYCHOPHARMACA. *MEN* (n=708,646).

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.0131***	0.0155***	0.0157***	0.0104***
	(0.00368)	(0.00369)	(0.00369)	(0.00350)
– Antidepressants(t+1) (N06A)	0.00835***	0.00964***	0.00912***	0.00494
	(0.00314)	(0.00316)	(0.00315)	(0.00305)
– Anxiolytics(t+1) (N05B)	4.61e-05	0.000618	0.000942	-0.000209
	(0.00291)	(0.00292)	(0.00292)	(0.00290)
– Hypnotics(t+1) (N05C)	0.00517*	0.00628**	0.00633**	0.00361
	(0.00307)	(0.00309)	(0.00309)	(0.00303)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column. All specifications include individual fixed effects. Columns 3-4 include controls for earlier consumption of any of the three psychopharmaca types; psychopharmaca(t-1) and psychopharmaca(t), respectively. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A5: POOLED OLS REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T. *WOMEN* (n=445,979)

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.164***	0.0703***	0.0794***	0.0770***
	(0.00692)	(0.00645)	(0.00608)	(0.00602)
– Antidepressants(t+1) (N06A)	0.124***	0.0498***	0.0554***	0.0529***
	(0.00625)	(0.00586)	(0.00560)	(0.00554)
– Anxiolytics(t+1) (N05B)	0.103***	0.0437***	0.0458***	0.0440***
	(0.00520)	(0.00485)	(0.00467)	(0.00463)
– Hypnotics(t+1) (N05C)	0.0932***	0.0467***	0.0507***	0.0487***
	(0.00567)	(0.00530)	(0.00508)	(0.00502)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column for women 25-64 years of age. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A6: POOLED OLS REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T. *MEN* (n=401,847)

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.173***	0.0938***	0.0964***	0.0915***
	(0.00710)	(0.00660)	(0.00628)	(0.00619)
– Antidepressants(t+1) (N06A)	0.105***	0.0583***	0.0586***	0.0541***
	(0.00574)	(0.00537)	(0.00516)	(0.00506)
– Anxiolytics(t+1) (N05B)	0.0814***	0.0413***	0.0422***	0.0396***
	(0.00492)	(0.00465)	(0.00454)	(0.00451)
– Hypnotics(t+1) (N05C)	0.108***	0.0608***	0.0620***	0.0587***
	(0.00582)	(0.00535)	(0.00521)	(0.00516)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column for men 25-64 years of age. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A7: FIXED EFFECT (FE) REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T. *WOMEN* (n=445,979).

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.00610	0.00729*	0.00675	0.00661
	(0.00431)	(0.00434)	(0.00434)	(0.00432)
– Antidepressants(t+1) (N06A)	0.00538 (0.00391)	0.00573 (0.00395)	0.00518 (0.00394)	0.00489 (0.00392)
– Anxiolytics(t+1) (N05B)	0.00197 (0.00354)	0.00225 (0.00356)	0.00215 (0.00356)	0.00194 (0.00355)
– Hypnotics(t+1) (N05C)	0.00542 (0.00366)	0.00622* (0.00368)	0.00599 (0.00368)	0.00585 (0.00367)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column for women 25-64 years of age. All specifications include individual fixed effects. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.

TABLE A8: FIXED EFFECT (FE) REGRESSIONS OF MENTAL HEALTH PROBLEMS IN YEAR t+1 ON SAB IN YEAR T. *MEN* (n=401,847).

Dependent variable	1	2	3	4
Psychopharmaca(t+1)	0.0155***	0.0165***	0.0163***	0.0158***
	(0.00431)	(0.00433)	(0.00433)	(0.00431)
– Antidepressants(t+1) (N06A)	0.0101***	0.0105***	0.0103***	0.00974***
	(0.00377)	(0.00379)	(0.00378)	(0.00376)
– Anxiolytics(t+1) (N05B)	-0.000630	-0.000793	-0.000944	-0.00122
	(0.00348)	(0.00351)	(0.00350)	(0.00349)
– Hypnotics(t+1) (N05C)	0.00561	0.00582	0.00583	0.00545
	(0.00355)	(0.00357)	(0.00356)	(0.00355)
Background variables	No	Yes	Yes	Yes
Lagged health	No	No	Yes	Yes
Current health	No	No	No	Yes

The table shows the estimated correlations between SAB in year t and the dependent variables in the leftmost column for men 25-64 years of age. All specifications include individual fixed effects. Standard errors clustered by individual in parentheses. *** p<0.01, ** p<0.05, * p<0.1.