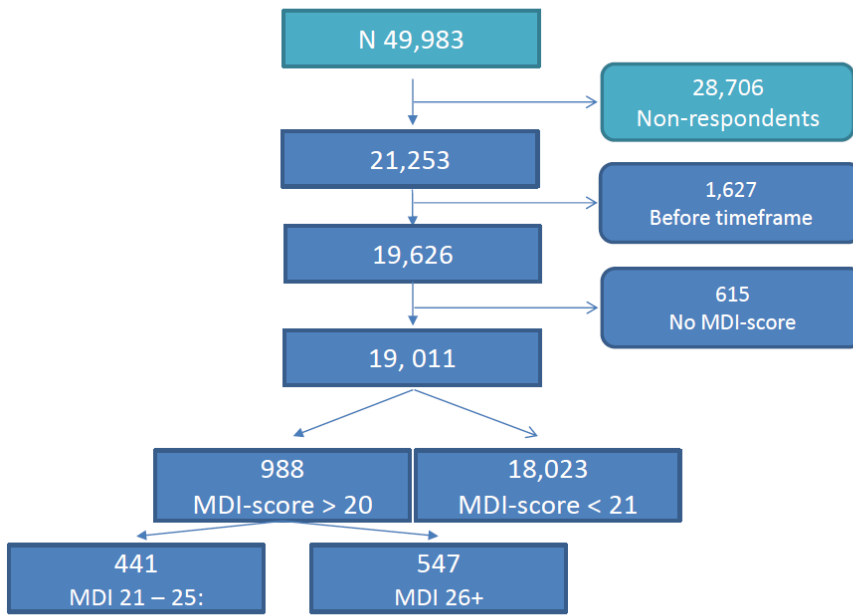


Socioeconomic position, symptoms of depression and subsequent mental health care treatment: a Danish register-based six-month follow-up study on a population survey.

**Supplementary figure and tables**

Figure 1

Sampling from the Danish General Suburban Population Study



AD: Antidepressants; MDI: Major Depression Inventory

Supplement Table 1. Definition of treatment levels

Level	Primary health care	Additional health care	Defined by source and code
0	No contact		Not in NPR, NHR, NPrR
1	GP	Consultation	+ NHR GP (800101 + 800120 + (800411 – 800491) + 804001)
2	GP	Mental health counselling by GP	+ NHR GP & contact concerning mental health (806101)
3	GP	Antidepressants	+ NPrR by ATC: N06A – excluding N06AX12
4	GP	Private psychologist	+NHR (630110 – 630211) + (630214 – 630340)
5	GP	Private psychiatrist	+NHR (240110 – 240140) + (240210 – 240236) + 241401
6	GP	Out-patient psychiatry	+NPR by ICD-10: F 00– F99.99
7	GP	Mental hospital & Emergency visits	+NPR by ICD-10: F 00– F99.99

NPR: The National Patient Register; NHR: The National Health Service Register; NPrR: The National Prescription Registry; ATC: Anatomical Therapeutic Chemical classification.

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**Supplement Table 2. Number and mean number of *Mental health care treatments* by MDI grade**

<b>Symptoms of depression</b>	<b>No/few</b>	<b>Mild</b>	<b>Moderate/severe</b>	<b>Total</b>
Persons n (Pct.)	18023 (100)	441 (100)	547 (100)	19011 (100)
<b>No contact</b>				
Persons n (Pct.)	4540 (25.2)	73 (16.6)	56 (10.2)	4669 (24.6)
<b>GP consultation</b>				
Persons n (Pct.)	13329 (74.0)	356 (80.7)	474 (86.7)	14159 (74.5)
Visits n	45044	1433	2252	48729
Visit rates $\bar{x}$	3.38	4.03	4.75	3.44
<b>GP MHC</b>				
Persons n (Pct.)	329 (1.8)	28 (6.3)	64 (11.7)	421 (2.2)
Visits n	611	57	168	836
Visit rates $\bar{x}$	1.86	2.04	2.63	1.99
<b>Antidepressants#</b>				
Persons n (Pct.)	1056 (5.9)	87 (29.7)	186 (34.0)	1329 (7.0)
Prescriptions n	2769	227	670	3666
Prescrip rates $\bar{x}$	2.62	2.61	3.60	2.76
<b>Psychologists</b>				
Persons n (Pct.)	167 (0.9)	19 (4.3)	31 (5.7)	217 (1.1)
Visits n	706	112	144	962
Visit rates $\bar{x}$	4.23	5.89	4.65	4.43
<b>Private psychiatrist</b>				
Persons n (Pct.)	100 (0.6)	20 (4.5)	42 (7.7)	162 (0.9)
Visits n	274	57	201	532
Visit rates $\bar{x}$	2.74	2.85	4.79	3.28
<b>Out-patient Psychiatry</b>				
Persons n (Pct.)	22 (0.1)	4 (0.9)	9 (1.6)	35 (0.2)
Visits n	103	34	46	183
Visit rates $\bar{x}$	4.68	8.50	5.11	5.23
<b>Specialized services*</b>				
Persons n (Pct.)	283 (1.6)	40 (9.1)	76 (13.9)	399 (2.1)
Visits n	1083	203	391	1677
Visit rates $\bar{x}$	3.83	5.07	5.14	4.20
<b>Admission MH &amp; EA **</b>				
Persons n (Pct.)	33 (0.2)	4 (0.9)	14 (2.6)	51 (0.3)
Visits n	49	11	37	97
Visit rates $\bar{x}$	1.48	2.75	2.64	1.90

$\bar{x}$  Mean number of visits by respondents using the service/prescriptions

# Reimbursed prescriptions

\* Contact to either psychologist or psychiatrist, public or private

\*\* MH: Mental hospital; EA: Emergency access psychiatric ward

Supplement Table 3. Highest treatment level gained within six months by education, income, and severity of symptoms, in crude numbers and percentage

Crude										Crude											
Highest gained treatment level*										Highest gained treatment level*											
No postsec education	0	1	2	3	4	5	6	7		Income < 40,250€	0	1	2	3	4	5	6	7			
MDI < 21	512	1783	17	162	5	11	6	6	2502	MDI < 21	649	2809	28	292	26	27	7	12	3850		
MDI 21 - 25	9	62	2	13	3	3	0	1	93	MDI 21 - 25	19	80	2	20	9	6	1	1	138		
MDI >25	9	63	5	39	3	11	2	4	136	MDI >25	17	99	4	58	7	16	1	6	208		
Missing	15	208	2	27	2	0	1	2	257	Missing	33	204	3	26	2	3	1	1	273		
<b>1-3 years postsecondary education</b>										<b>Income ≥ 40,250 &lt;80,500€</b>											
MDI < 21	2361	6512	84	515	93	54	10	21	9650	MDI < 21	1586	4113	74	318	62	34	6	14	6207		
MDI 21 - 25	39	134	1	31	6	9	3	2	225	MDI 21 - 25	22	83	1	19	4	7	0	1	137		
MDI >25	28	122	8	59	14	20	2	4	257	MDI >25	22	73	7	32	8	13	5	4	164		
Missing	42	177	5	22	2	3	0	0	251	Missing	20	81	2	13	1	1	0	0	118		
<b>3+ years postsecondary education</b>										<b>Income ≥80,500€</b>											
MDI < 21	1667	3789	59	254	64	31	1	6	5871	MDI < 21	1969	3923	44	209	63	26	0	4	6238		
MDI 21 - 25	25	61	2	20	8	6	0	1	123	MDI 21 - 25	27	62	2	12	4	5	2	2	116		
MDI >25	19	74	7	27	10	8	3	6	154	MDI >25	10	61	5	15	7	7	0	2	107		
Missing	25	68	0	12	1	1	0	0	107	Missing	13	24	0	1	1	0	0	0	39		
Pct										Pct											
No postsec education	0	1	2	3	4	5	6	7	Spec#	Income < 40,250€	0	1	2	3	4	5	6	7	Spec#		
MDI < 21	20	71	0,7	6,5	0,2	0,4	0,2	0,2	0,9	MDI < 21	17	73	1	8	1	1	0	0	100	1,6	
MDI 21 - 25	10	67	2,2	14,0	3,2	3,2	0,0	1,1	100	6,5	MDI 21 - 25	14	58	1	14	7	4	1	1	100	11,6
MDI >25	7	46	3,7	28,7	2,2	8,1	1,5	2,9	100	11,8	MDI >25	8	48	2	28	3	8	0	3	100	11,5
<b>1-3 years postsecondary education</b>										<b>Income ≥ 40,250 &lt;80,500€</b>											
MDI < 21	24	67	0,9	5,3	1,0	0,6	0,1	0,2	100	1,6	MDI < 21	26	66	1	5	1	1	0	0	100	1,6
MDI 21 - 25	17	60	0,4	13,8	2,7	4,0	1,3	0,9	100	8,0	MDI 21 - 25	16	61	1	14	3	5	0	1	100	8,0
MDI >25	11	47	3,1	23,0	5,4	7,8	0,8	1,6	100	14,0	MDI >25	13	45	4	20	5	8	3	2	100	15,9
<b>3+ years postsecondary education</b>										<b>Income ≥80,500€</b>											
MDI < 21	28	65	1,0	4,3	1,1	0,5	0,0	0,1	100	1,6	MDI < 21	32	63	1	3	1	0	0	0	100	1,4
MDI 21 - 25	20	50	1,6	16,3	6,5	4,9	0,0	0,8	100	11,4	MDI 21 - 25	23	53	2	10	3	4	2	2	100	9,5
MDI >25	12	48	4,5	17,5	6,5	5,2	1,9	3,9	100	13,6	MDI >25	9	57	5	14	7	7	0	2	100	13,1

Treatment level: 0: none; 1: GP (general practitioner); 2: GP-mental health consultations; 3: antidepressants; 4: psychologist; 5: private psychiatrist; 6: public psychiatrist; 7: mental hospital

#Spec: Specialized services includes 4+5+6