

Supplementary Table A1. Distribution of person-years, suicide deaths, and suicide rate per 100,000 person-years by treatment group among persons aged 50 and over in Denmark for 1996 and 2000. Treatment variation: persons considered to be in treatment from 1st prescription onwards.

	Person-years (%)		Number of suicides (%)				Suicide rate per 100,000 (Standard Deviation)					
					1996		2000		1996		2000	
	1996	2000	1996	2000	1996	2000	1996	2000	1996	2000	1996	2000
MEN												
No antidepressant	762,763	(97.1)	804,425	(96.0)	255	(77.7)	198	(73.6)	33.4	(2.1)	24.6	(1.7)
Antidepressants	22,828	(2.9)	33,748	(4.0)	73	(22.3)	71	(26.4)	319.8	(37.4)	210.4	(24.9)
-- TCA	7,665	(1.0)	7,014	(0.8)	15	(4.6)	13	(4.8)	195.7	(50.5)	185.3	(51.4)
-- SSRI	13,180	(1.7)	20,257	(2.4)	47	(14.3)	33	(12.3)	356.6	(51.9)	162.9	(28.3)
-- Other	1,983	(0.3)	6,477	(0.8)	11	(3.4)	25	(9.3)	554.7	(166.8)	386.0	(77.0)
Total	785,591		838,173		328		269		41.8		32.1	
WOMEN												
No antidepressant	867,699	(93.7)	888,142	(91.8)	97	(62.6)	72	(57.1)	11.2	(1.1)	8.1	(1.0)
Antidepressants	58,776	(6.3)	79,205	(8.2)	58	(37.4)	54	(42.9)	98.7	(13.0)	68.2	(9.3)
-- TCA	24,219	(2.6)	19,405	(2.0)	22	(14.2)	9	(7.1)	90.8	(19.4)	46.4	(15.5)
-- SSRI	29,538	(3.2)	45,316	(4.7)	27	(17.4)	28	(22.2)	91.4	(17.6)	61.8	(11.7)
-- Other	5,020	(0.5)	14,484	(1.5)	9	(5.8)	17	(13.5)	179.3	(59.7)	117.4	(28.5)
Total	926,475		967,347		155		126		16.7		13.0	

Supplementary Table A2. Decomposition of the change over time in the suicide rate per 100,000 by treatment group among persons aged 50 and over in Denmark from 1996 through 2000. Treatment variation: persons considered to be in treatment from 1st prescription onwards.

Drug group	Change in suicide rate due to changes in treatment-specific suicide rate	Change in suicide rate due to changes in population composition	Total contribution to the change in suicide rate
MEN			
No antidepressant	-8.51	-0.33	-8.84
Antidepressants	-4.92	4.10	-0.82
-- TCA	-0.09	-0.26	-0.36
-- SSRI	-3.97	1.92	-2.05
-- Other	-0.86	2.45	1.58
Total	-13.44	3.78	-9.66
WOMEN			
No antidepressant	-2.85	-0.18	-3.03
Antidepressants	-2.82	2.15	-0.68
-- TCA	-1.03	-0.42	-1.44
-- SSRI	-1.17	1.15	-0.02
-- Other	-0.63	1.42	0.79
Total	-5.67	1.97	-3.70