

**Supplemental Table 1. Association between individual antidepressants (AD) or AD class and depressive symptom severity category**

	Overall	Depressive symptom severity category			
		None	Mild	Moderate	Severe
<b>Overall</b>					
No antidepressant	9595 (69.4)	6686 (69.7)	1579 (16.5)	947 (9.9)	383 (4.0)
Any antidepressant	4226 (30.6)	2131 (50.4)	908 (21.5)	725 (17.2)	462 (10.9)
<b>Antidepressant classes</b>					
SSRI	2237 (16.2)	1180 (52.8)	488 (21.8)	358 (16)	211 (9.4)
SNRI	1920 (13.9)	921 (48)	406 (21.1)	354 (18.4)	239 (12.4)
Other	69 (0.5)	30 (43.5)	14 (20.3)	13 (18.8)	12 (17.4)
<b>Individuals antidepressants</b>					
<i>SSRIs</i>					
Paroxetine	178 (1.3)	89 (50)	34 (19.1)	37 (20.8)	18 (10.1)
Fluoxetine	290 (2.1)	136 (46.9)	73 (25.2)	54 (18.6)	27 (9.3)
Sertraline	668 (4.8)	369 (55.2)	145 (21.7)	102 (15.3)	52 (7.8)
Citalopram	385 (2.8)	227 (59)	71 (18.4)	55 (14.3)	32 (8.3)
Escitalopram	490 (3.5)	254 (51.8)	110 (22.4)	73 (14.9)	53 (10.8)
<i>SNRI</i>					
Venlafaxine	404 (2.9)	194 (48)	89 (22)	74 (18.3)	47 (11.6)
Duloxetine	783 (5.7)	369 (47.1)	163 (20.8)	139 (17.8)	112 (14.3)
<i>Other</i>					
Bupropion	582 (4.2)	270 (46.4)	135 (23.2)	120 (20.6)	57 (9.8)
Mirtazapine	85 (0.6)	34 (40.0)	15 (17.6)	20 (23.5)	16 (18.8)
Trazodone	292 (2.1)	159 (54.5)	59 (20.2)	38 (13)	36 (12.3)

\*Percentages for depressive symptom categories displayed denote the percent of users of a specific anti-depressant who have no, mild, moderate or severe depressive symptoms. For example, of the 178 paroxetine users, 18 (10.1%) report severe depressive symptoms. Overall percentages denote the percentage in all of MS PATHS.