



# THE JOURNAL OF CLINICAL PSYCHIATRY

THE OFFICIAL JOURNAL OF THE AMERICAN SOCIETY OF CLINICAL PSYCHOPHARMACOLOGY

## **Supplementary Material**

**Article Title:** Major Depressive Disorder, Antidepressant Use, and Subsequent 2-Year Weight Change Patterns in the Netherlands Study of Depression and Anxiety

**Author(s):** Deborah Gibson-Smith, MSc; Mariska Bot, PhD; Yuri Milaneschi, PhD; Jos W. Twisk, PhD; Marjolein Visser, PhD; Ingeborg A. Brouwer, PhD; and Brenda W. J. H. Penninx, PhD

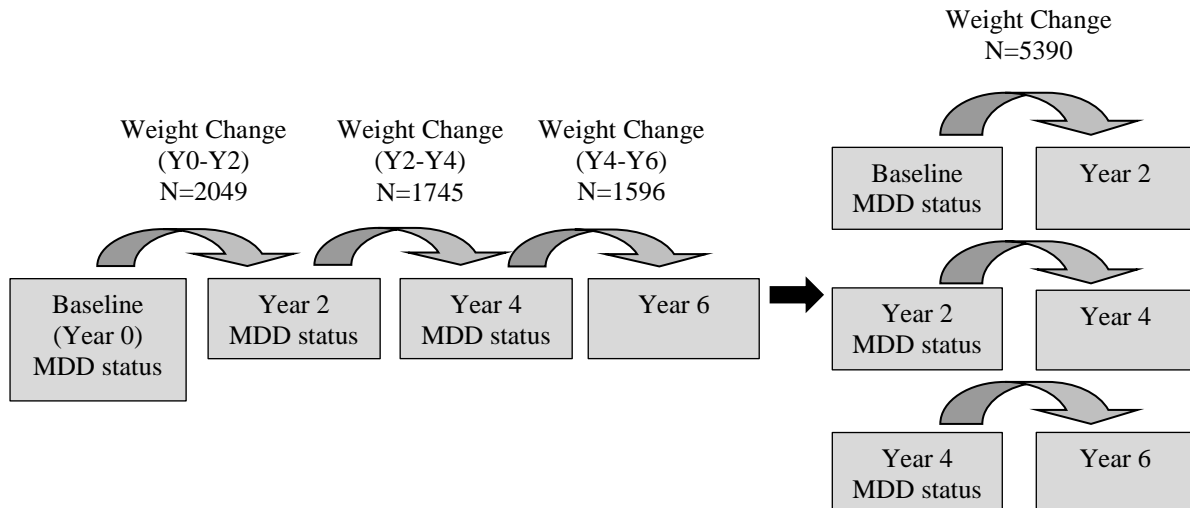
**DOI Number:** 10.4088/JCP.14m09658

### **List of Supplementary Material for the article**

1. [eFigure 1](#) Illustration of the Study Assessments and Data Structure Used for Analysis
2. [eTable 1](#) Association between Depression and Antidepressant Use Status and 2-Year Absolute (5 kg) Weight Change Categories

### **Disclaimer**

This Supplementary Material has been provided by the author(s) as an enhancement to the published article. It has been approved by peer review; however, it has undergone neither editing nor formatting by in-house editorial staff. The material is presented in the manner supplied by the author.



Supplementary figure 1: Illustration of the study assessments and data structure used for analysis. The correlation within persons was taken into account by using mixed model analysis.

Supplementary table 1: Association between depression and antidepressant use status and 2-year absolute (5kg) weight change categories (N observation=5390, N participants=2542)

	2-year Weight Gain (>5kg) <sup>a</sup>		2-year Weight Loss (>5kg) <sup>a</sup>	
	Weight adjusted OR (95%CI)	Fully adjusted OR <sup>b</sup> (95%CI)	Weight adjusted OR (95%CI)	Fully adjusted OR <sup>b</sup> (95%CI)
<b>Model 1</b>				
<b>Depression status</b>				
Controls (no history of MDD)	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
Remitted MDD	1.25 (1.03-1.53) <sup>c</sup>	1.16 (0.95-1.42)	1.20 (0.95-1.53)	1.03 (0.81-1.32)
Current MDD	1.98 (1.61-2.43) <sup>e</sup>	1.62 (1.31-2.01) <sup>e</sup>	1.84 (1.43-2.37) <sup>e</sup>	1.48 (1.14-1.93) <sup>d</sup>
<b>Model 2</b>				
<b>Antidepressant use</b>				
Non-users	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
Tricyclic antidepressants	1.10 (0.69-1.77)	1.03 (0.63-1.68)	1.74 (1.08-2.80)	1.47 (0.91-2.40)
SSRI	1.29 (1.06-1.58) <sup>c</sup>	1.16 (0.94-1.42)	1.26 (0.98-1.60) <sup>c</sup>	1.11 (0.86-1.43)
Other antidepressants	1.42 (1.04-1.95) <sup>c</sup>	1.41 (1.02-1.95) <sup>c</sup>	1.24 (0.84-1.86)	1.25 (0.84-1.88)
<b>Model 3 (Combined model)</b>				
<b>Depression status</b>				
Controls (no history of MDD)	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
Remitted MDD	1.23 (1.01-1.51) <sup>c</sup>	1.15 (0.93-1.41)	1.18 (0.92-1.50)	1.02 (0.79-1.31)
Current MDD	1.93 (1.55-2.40) <sup>e</sup>	1.58 (1.26-1.99) <sup>e</sup>	1.77 (1.35-2.32) <sup>e</sup>	1.44 (1.09-1.91) <sup>e</sup>
<b>Antidepressant use</b>				
Non-users	1.00 (reference)	1.00 (reference)	1.00 (reference)	1.00 (reference)
Tricyclic antidepressants	0.90 (0.56-1.45)	0.91 (0.56-1.49)	1.45 (0.89-2.35)	1.32 (0.81-2.17)
SSRI	1.07 (0.87-1.32)	1.03 (0.83-1.27)	1.07 (0.83-1.38)	1.02 (0.78-1.32)
Other antidepressants	1.11 (0.80-1.54)	1.20 (0.85-1.67)	0.99 (0.66-1.51)	1.09 (0.72-1.65)

Abbreviations: OR, odds ration; MDD, major depressive disorder, SSRI, Selective serotonin reuptake inhibitors

<sup>a</sup>The reference category is weight stable

<sup>b</sup>Adjusted for weight at baseline, gender, age, partner status, years of education, alcohol use, smoking status and number of chronic diseases

<sup>c</sup> P < 0.05

<sup>d</sup> P < 0.01

<sup>e</sup> P < 0.001