

Supplementary Information:

Changes in body composition in early breast cancer patients treated with aromatase inhibitors.

°Rebecca Pedersini^{1,2}, °Greta Schivardi¹, Lara Laini¹, Manuel Zamparini¹, Alessia Bonalumi¹, Pierluigi di Mauro¹, Sara Bosio², Vito Amoroso¹, Nicole Villa¹, Andrea Alberti¹, Nunzia Di Meo³, Chiara Gonano¹, Barbara Zanini⁴, Marta Laganà¹, Giuseppe Ippolito¹, Luca Rinaudo⁵, Davide Farina³, Maurizio Castellano⁶, Carlo Cappelli⁶, Edda Lucia Simoncini², *Deborah Cosentini¹, *Alfredo Berruti¹

°These authors equally contributed and are co-primary authors

*These authors equally contributed and are co-senior authors

¹Medical Oncology Department, ASST Spedali Civili of Brescia, Brescia, Italy

²SSVD Breast Unit, ASST Spedali Civili of Brescia, Brescia, Italy

³Department of Medical and Surgical Specialties, Radiological Sciences and Public Health, Medical Oncology, University of Brescia, ASST Spedali Civili, Brescia, Italy

⁴Department of Clinical and Experimental Sciences, University of Brescia, Italy

⁵Tecnologie Avanzate Srl, Turin, Italy

⁶Department of Internal Medicine and Endocrinology, University of Brescia, ASST Spedali Civili, Brescia, Italy

ESM_3. Risk factors of percentage change in FBM (g).

Characteristics of the 347 patients	Univariable analysis		Multivariable analysis	
	B (95% CI)	P value	B (95% CI)	P value
Age	-0.5 (-0.6; -0.3)	<.001	-0.2 (-0.4; -0.1)	0.03
Menopausal status				
Post-	1	<.001	1	<.001
Pre-	15.2 (10.8; 19.5)		10.4 (4.8; 16.0)	
Physical activity				
No	1	0.37		
Yes	-1.9 (-6.0; 2.3)			
Smoke				
No	1	0.25		
Yes	2.4 (-1.7; 6.4)			
Alcohol consumption				
No	1	0.34		
Yes	-2.0 (-6.2; 2.1)			
Chemotherapy				
No	1	<.001	1	0.44
Yes	5.3 (1.9; 8.8)		1.4 (-2.1; 4.9)	
Radiotherapy				
No	1	0.24		
Yes	-2.2 (-5.8; 1.5)			

FBM(g): fat body mass (grams); N°: number of patients; %: percentage of patients; CI: confidence interval; B: beta coefficient.