



Correction to: Biological and psychological predictors of cognitive function in breast cancer patients before surgery

Snaefridur Gudmundsdottir Aspelund¹ · Thorhildur Halldorsdottir¹ · Gudjon Agustsson¹ · Hannah Ros Sigurdardottir Tobin¹ · Lisa M. Wu^{2,3,4} · Ali Amidi⁴ · Kamilla R. Johannsdottir¹ · Susan K. Lutgendorf⁵ · Rachel Telles⁵ · Huldis Franksdottir Daly¹ · Kristin Sigurdardottir⁶ · Heiddis B. Valdimarsdottir^{1,7} · Birna Baldursdottir¹

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Correction to: Supportive Care in Cancer (2024) 32:88.
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During the writing of a PhD thesis, an error was identified in the published article “**Biological and psychological predictors of cognitive function in breast cancer patients before surgery**”. Due to an R coding error, participants with **stage 0 breast cancer** were initially removed but were inadvertently reintroduced during later data merging. Consequently, these cases were **not excluded from the final analyses as intended**.

Corrections Required:

1. **Remove the following sentence (Page 2, Section ‘Participants’, Line 28):**
“In order to ensure homogeneity of the sample, four participants with BC stage 0 (TisNOM0) were removed from all data analyses.”
2. **Replace Table 1 (Page 4) with the corrected version below:**

The original article can be found online at <https://doi.org/10.1007/s00520-023-08282-5>.

✉ Birna Baldursdottir
birnabaldurs@ru.is

¹ Department of Psychology, School of Social Sciences, Reykjavik University, Reykjavik, Iceland

² Department of Oncology, Aarhus University Hospital, Aarhus, Denmark

³ Department of Medical Social Sciences, Northwestern University Feinberg School of Medicine, Chicago, IL, USA

⁴ Unit for Psycho-Oncology and Health Psychology, Department of Psychology and Behavioural Sciences, Aarhus University, Aarhus, Denmark

⁵ Department of Psychological and Brain Sciences, University of Iowa, Iowa City, Iowa, USA

⁶ Breast Center, University Hospital of Iceland, Reykjavik, Iceland

⁷ Department of Population Health Science and Policy, Icahn School of Medicine, Mount Sinai, New York, NY, USA

Revised Table 1 Demographic and clinical characteristics of breast cancer patients compared with the healthy control group (Corrected)

	Women with breast cancer (<i>N</i> = 112)	Healthy controls (<i>N</i> = 67)	<i>p</i>
Age in years (mean, SD)	61.8 (10.7)	60.9 (9.5)	0.57
Currently partnered, <i>N</i> (%)			1
Yes	74 (66.1%)	44 (65.7%)	
No	33 (29.5%)	19 (28.4%)	
Education level, <i>N</i> (%)			0.55
Primary	18 (16.1%)	10 (14.9%)	
Secondary	36 (32.1%)	17 (25.4%)	
University	53 (47.3%)	37 (55.2%)	
BMI (mean, SD)	27.7 (5.0)	28.1 (4.8)	0.61
Physical activity, <i>N</i> (%)			0.48
None	17 (15.2%)	12 (17.9%)	
Once a week	10 (8.9%)	2 (3.0%)	
Twice a week	16 (14.3%)	10 (14.9%)	
≥ 3 times a week	64 (57.1%)	40 (59.7%)	
Menopause, yes %	88 (78.6%)	56 (83.6%)	0.62
Cortisol (mean, SD)	5.1 (2.1)	-	-
α-amylase (mean, SD)	140.5 (94.8)	-	-
Depressive symptoms (mean, SD)	11.0 (8.5)	8.8 (7.3)	0.08
Anxiety symptoms (mean, SD)	4.1 (3.8)	2.8 (3.3)	0.02*
Overall cancer-related stress (mean, SD)	25.5 (14.6)	-	-
Average time since diagnosis (weeks)	3.2	-	-
Cancer stage, <i>N</i> (%)			
0	4 (3.6%)	-	-
I	57 (50.9%)	-	-
II	41 (36.6%)	-	-
III	10 (8.9%)	-	-
HER- 2 positive, <i>N</i> (%)	8 (7.1%)	-	-
Estrogen positive, <i>N</i> (%)	101 (90.2%)	-	-
Progesterone positive, <i>N</i> (%)	80 (71.4%)	-	-

BMI = Body Mass Index; HER- 2 = human epidermal growth factor receptor 2

* = $p < 0.05$ (two-sided). Two-sample t-tests were performed for continuous variables to compare means between groups, and chi-squared tests were used for categorical variables to test for group differences

The original article has been corrected.

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