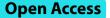
CORRECTION



Correction: Socioeconomic position and prognosis in premenopausal breast cancer: a population-based cohort study in Denmark

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Correction: BMC Med 19, 235 (2021) https://doi.org/10.1186/s12916-021-02108-z

In our original article [1] the multivariate models outlining the association of cohabitation with breast cancer recurrence and mortality were over-adjusted, as models also included marital status, which is used to define cohabitation. This has now been corrected.

1 In Fig. 2, the 5 years and overall adjusted IRRs and CIs of recurrence were incorrect and stated as 0.89 (0.61—1.29) and 0.85 (0.60—1.19) in the published manuscript, respectively. The corrected estimates are 1.21 (0.90—1.63) and 1.09 (0.83—1.43).

The original article can be found online at https://doi.org/10.1186/s12916-021-02108-z.

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⁶ Department of Epidemiology, Rollins School of Public Health, Emory University, 1518 Clifton Rd, Atlanta, GA 30322, USA 2 In Fig. 3, the 5 years and overall adjusted IRRs and CIs of mortality were incorrectly stated as 1.03 (0.67—1.60) and 1.02 (0.70—1.47), respectively, instead of 1.55 (1.10—2.20) and 1.41 (1.05—1.88).

The correct figures are given ahead. We regret the error.

Published online: 17 August 2023

Reference

 Hjorth CF, Damkier P, Ejlertsen B, et al. Socioeconomic position and prognosis in premenopausal breast cancer: a population-based cohort study in Denmark. BMC Med. 2021;19:235. https://doi.org/10.1186/ s12916-021-02108-z.



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	Total N	Recurrence N 5 years	IR /1,000PY 5 years	Crude IRR (95% Cl) 5 years	Adjusted IRR ^a (95% Cl) 5 years				Recurrence N Overall	IR /1,000PY Overall	Crude IRR (95% Cl) Overall	Adjusted IRR ^ª (95% Cl) Overall
Marital status												
Married	1709	129	17.8						171	16.5		
Singles	907	98	26.7	1 .4 9 (1.15 - 1.94)	1.45 (1.11 - 1.89)			-	115	22.1	1.34 (1.06 - 1.70)	1.30 (1.03 - 1.65)
Cohabitation												
Cohabiting	2006	169	20.1						219	18.1		
Living alone	588	58	24.2	1.20 (0.89 - 1.62)	1.21 (0.90 - 1.63)	-			67	19.7	1.09 (0.83 - 1.43)	1.09 (0.83 - 1.43)
Income												
Low	651	70	26.5	1.39 (0.97 - 1.99)	1.20 (0.80 - 1.80)		•		87	22.8	1.33 (0.97 - 1.84)	1.14 (0.79 - 1.64)
Middle	1304	105	19.1	1.00 (0.72 - 1.39)	0.93 (0.66 - 1.30)	•	<u> </u>		134	16.9	0.98 (0.73 - 1.32)	0.92 (0.68 - 1.24)
High	652	52	19.1						65	17.2		
Education level												
Lower	436	41	22.7	1.01 (0.70 - 1 .47)	1.11 (0.76 - 1.61)		•		53	20.5	1.06 (0.76 - 1.48)	1.16 (0.83 - 1.62)
Intermediate	1263	101	19.0	0.85 (0.63 - 1.13)	0.86 (0.64 - 1.15)		-		129	16.9	0.88 (0.68 - 1.14)	0.89 (0.68 - 1.15)
Higher	892	83	22.5						101	19.2		
Employment status												
Employed	2212	189	20.4						238	17.8		
Unemployed	116	9	19.1	0.93 (0.48 - 1.82)	0.68 (0.32 - 1.46)		<u> </u>		13	19.9	1.11 (0.64 - 1.95)	0.89 (0.48 - 1.65)
Health-related absenteeism	280	28	24.6	1.21 (0.81 - 1.79)	1.22 (0.80 - 1.84)		- -	-	34	21.8	1.22 (0.85 - 1.75)	1.24 (0.85 - 1.80)
						0.5	1	2 3				

Fig. 2 Incidence rates and incidence rate ratios of breast cancer recurrence by socioeconomic position. Plots illustrate 5-year adjusted IRRs and error bars 95% CIs.^a Marital status was adjusted for age; cohabitation for age; income for age, comorbidities, marital status, cohabitation, education, and employment; education for age; employment for age, comorbidities, and education. Abbreviations: CI, Confidence Interval; IR, Incidence Rate; IRR, Incidence Rate ratio; N, Numbers; PY, Person-years

	Total N	Mortality N 5 years	IR /1,000PY 5 years	Crude IRR (95% CI) 5 years	Adjusted IRR ^a (95% Cl) 5 years					Mortality N Overall	IR /1,000PY Overall	Crude IRR (95% Cl) Overall	Adjusted IRR ^a (95% Cl) Overall
Marital status													
Married	1709	75	10.0							122	10.6		
Singles	907	73	18.5	1.86 (1.35 - 2.57)	1.83 (1.32 - 2.52)		-	•		101	17.1	1.61 (1.24 - 2.10)	1.59 (1.22 - 2.08)
Cohabitation													
Cohabiting	2006	102	11.6							159	11.8		
Living alone	588	46	18.0	1.55 (1.09 - 2.20)	1.55 (1.10 - 2.20)			—		64	16.7	1.41 (1.05 - 1.88)	1.41 (1.05 - 1.88)
Income													
Low	651	56	19.9	1.90 (1.22 - 2.97)	1.37 (0.83 - 2.28)	_				85	19.6	1.84 (1.28 - 2.64)	1.41 (0.93 - 2.13)
Middle	1304	62	10.8	1.03 (0.67 - 1.60)	0.92 (0.59 - 1.43)	•				93	10.5	0.99 (0.69 - 1.41)	0.90 (0.62 - 1.29)
High	652	30	10.5							45	10.7		
Education level													
Lower	436	33	17.5	1.39 (0.89 - 2.16)	1.49 (0.95 - 2.33)					49	16.8	1.43 (0.99 - 2.07)	1.50 (1.04 - 2.17)
Intermediate	1263	65	11.7	0.93 (0.64 - 1.35)	0.94 (0.65 - 1.36)		—			104	12.3	1.04 (0.77 - 1.41)	1.05 (0.77 - 1.42)
Higher	892	49	12.6							69	11.7		
Employment status													
Employed	2212	111	11.4							167	11.2		
Unemployed	116	11	22.1	1.94 (1.04 - 3.60)	1.61 (0.83 - 3.13)	_				17	22.6	2.01 (1.22 - 3.32)	1.75 (1.04 - 2.97)
Health-related absenteeism	280	26	21.6	1.89 (1.23 - 2.89)	1.80 (1.14 - 2.82)			•	_	39	22.1	1.97 (1.39 - 2.79)	1.85 (1.28 - 2.67)
						0.5	1	2	3	4			

Fig. 3 Incidence rates and incidence rate ratios of mortality by socioeconomic position. Plots illustrate 5-year adjusted IRRs and error bars 95% CIs.^a Marital status was adjusted for age; cohabitation for age; income for age, comorbidities, marital status, cohabitation, education, and employment; education for age; employment for age, comorbidities, and education. Abbreviations: CI, Confidence Interval; IR, Incidence Rate; IRR, Incidence Rate ratio; N, Numbers; PY, Person-years