



Background

Results Although available data suggests that disruptions in cancer Table 1. Participants' demographic and medical characteristics care during the pandemic negatively impacted patients' mental health, it remains unclear how those disruptions have N(%) Characteristics M(SD) influenced fear of cancer recurrence (FCR) levels. At least one Age (range: 26-77) 52.9 (11.4) postponed or Time since the most recent cancer diagnosis cancelled cancer FCR: the fear, worry, or concern regarding the possibility that (years) treatment 76 (31.1) 0-1 *n* = 46 (19.6 %) cancer will come back or progress 61 (25.0) 48 (19.7) 2-3 30 (12.3) 3-4 29 (11.9) 4-5 Cancer stage 194 (79.2) At least one 16 (6.5) postponed or 35 (14.3) Did not know/unsure **Objective** cancelled Postponement and cancellation (overall) medical test *n* = 75 (31.9%) 75 (31.9) At least one medical test postponed or cancelled 46 (19.6) At least one treatment postponed or cancelled assess the This to No postponement or cancellation of any type 114 (48.5) relationship between disruptions in cancer tests/treatments due to the COVID-19 pandemic and FCR in women
 Table 2. Mean FCR levels as a function of cancer care trajectory changes
and results of generalized linear models with breast cancer. Changes in the cancer care trajectory FCR adjusted Mean differences It was expected that women who Any postponement or cancellation experienced changes in their care 16.8 18.9 trajectory would show greater FCR. Postponement or cancellation of medical Mammogram 17.6 19.2 1.6 Follow-up appointment 17.3 No Methods 18.8 1.5 Diagnostic and disease progression tests 17.0 21.0 4.0 Postponement or cancellation of cancer describe the effects of the COVID-19 pandemic in women treatment Surgery 17.7 Participants completed online questionnaires between 18.8 1.1 Yes November 2020 and March 2021 (2nd wave of the COVID-19 pandemic).



Procedure

- This study is part of a larger mixed-methods study aiming to diagnosed with breast cancer.

Participants



women diagnosed with breast cancer in the previous 5 years (2016-2021).

Questionnaires

Sociodemographic and Medical Characteristics

Changes in Treatments and Cancer Care Appointments (independent variable)

The severity subscale of the Fear of Cancer Recurrence Inventory (FCRI-S; dependent variable) • A score of \ge 13 indicates a clinical level of FCR

Cancer Care Disruptions during the COVID-19 Pandemic and Fear of Cancer Recurrence in Women with Breast Cancer

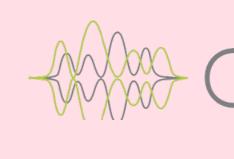
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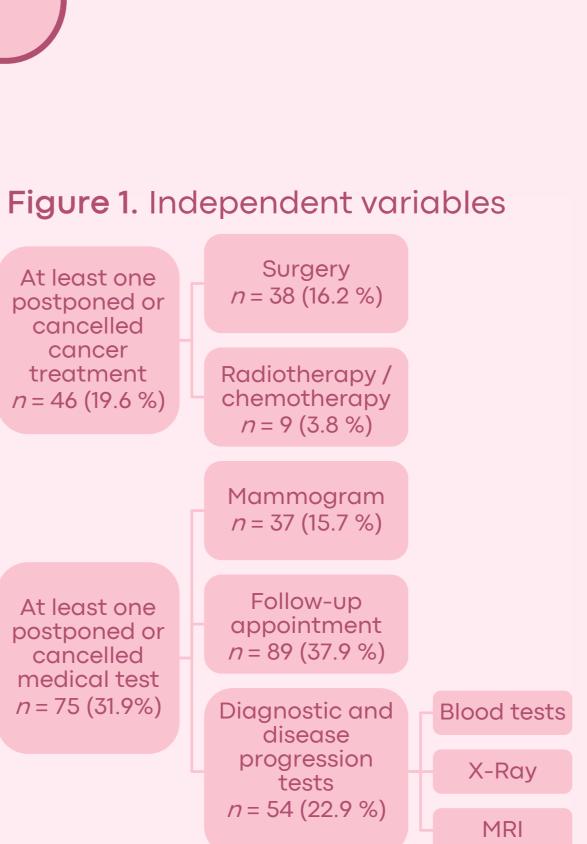
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> Table 3. Proportion of patients with clinical FCR levels and prevalence ratios across cancer care trajectory changes

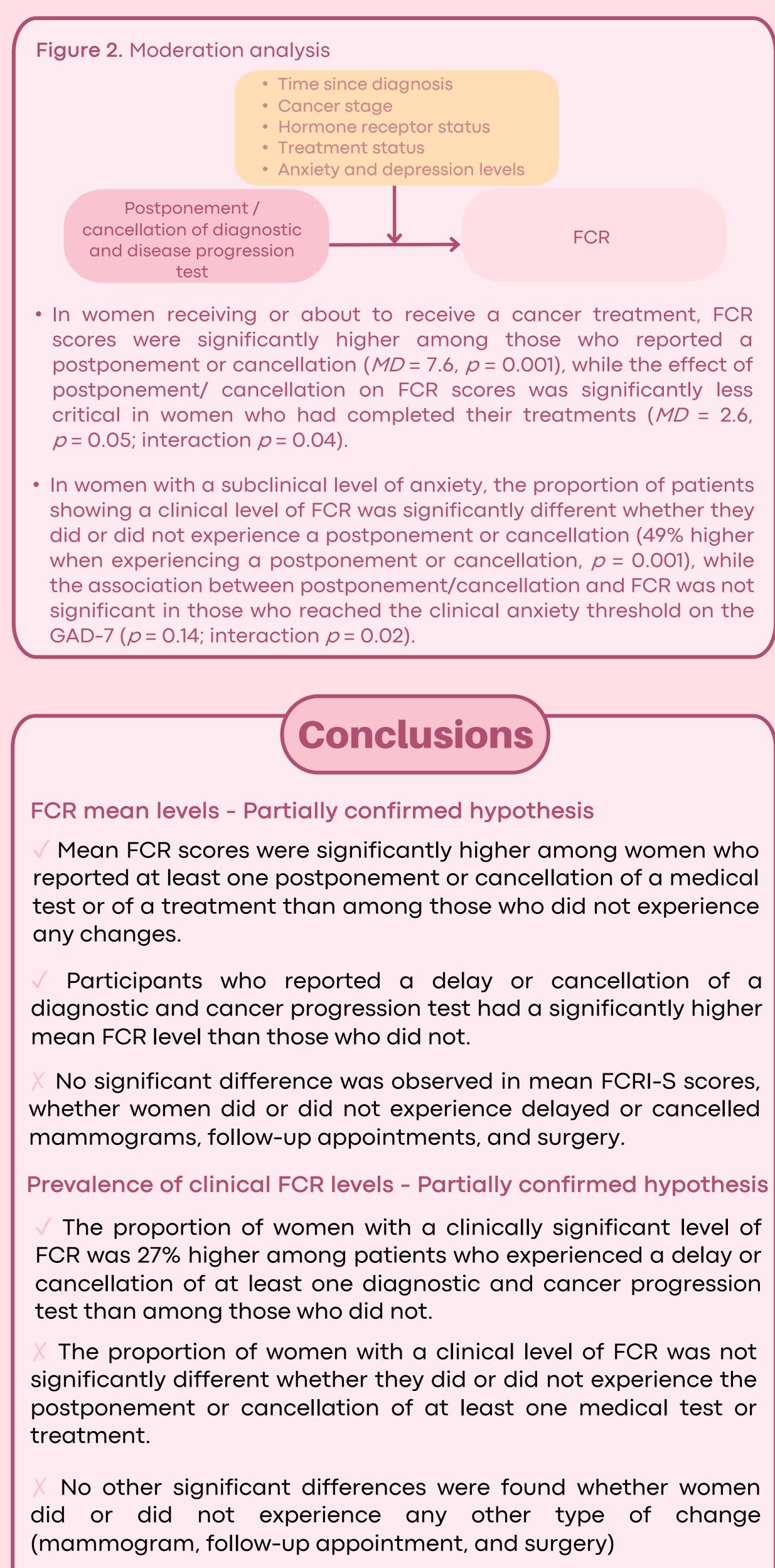
Changes in the cancer care trajectory	Prevalence of clinical FCR (%)	Prevalence ratio	95% CI	Wald χ^2	p
Any postponement or cancellation				1.8	0.18
No	72.0				
Yes	79.9	1.11	(0.95 - 1.29)		
Postponement or cancellation of medical			, , , , , , , , , , , , , , , , , , ,		
tests					
Mammogram				2.2	0.14
No	74.5				
Yes	84.2	1.13	(0.96 - 1.33)		
Follow-up appointment				1.8	0.18
No	73.2				
Yes	80.7	1.10	(0.96 - 1.27)		
Diagnostic and disease progression tests				15.1	0.0001
No	71.7				
Yes	91.1	1.27	(1.13 - 1.43)		
Postponement or cancellation of cancer					
treatment					
Surgery				0.7	0.39
No	75.1				
Yes	81.0	1.08	(0.91 - 1.28)		







5% CI	Wald χ^2	p	
	4.6	0.03	
.2 - 3.9)			
	1.6	0.21	
.9 - 4.1)			
	2.5	0.11	
.4 - 3.5)			
	13.4	0.0002	
.9 - 6.1)			
	0.8	0.39	
.4 - 3.6)			



These results emphasize the importance of maintaining as much as possible progression tests on schedule to avoid surges in FCR.





FCR