

1 **Cancer Worry among *BRCA1/2* pathogenic variant carriers choosing surgery**
2 **to prevent tubal/ovarian cancer: course over time and associated factors**

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17 **Online Resource 3.** Variables associated with pre-surgical cancer worry in the three groups based on
 18 a validated cut-off score

		Persistent low (n=173)	Fluctuating (n=209)	Persistent high (n=106)	Total group (n=577)	p- value
BRCA-PV type, % BRCA1 / % BRCA2 ^a		49.1 / 50.9	51.7 / 48.3	51.9 / 48.1	51.5 / 48.5	.858
Years since BRCA diagnosis, mean (SD) ^b		5.4 (4.7)	4.7 (4.6)	4.6 (4.5)	5.0 (4.6)	.208
Personal history of breast cancer, % ^a		9.2	11.0	31.1	14.3	<.001
Emotional instability, % ^a		11.0	19.6	22.6	17.2	.021
Previous risk reducing mastectomy, % ^a		42.2	39.2	34.0	38.6	.392
Working a job, % ^a		87.9	85.2	78.3	83.5	.108
Breast cancer risk perception, mean (SD) ^b	BRCA1	40.4 (35.5)	40.8 (34.3)	38.0 (34.2)	39.7 (34.4)	.891
	BRCA2	43.5 (31.6)	50.6 (29.6)	53.9 (30.1)	49.7 (30.7)	.096
Ovarian cancer risk perception, mean (SD) ^b	BRCA1	43.8 (18.4)	45.4 (17.3)	48.2 (22.6)	45.7 (18.9)	.603
	BRCA2	22.8 (16.4)	23.7 (18.1)	33.1 (26.0)	25.2 (19.2)	.099

19 BRCA-PV, BRCA pathogenic variant; NS, not significant; SD, standard deviation

20 ^a analysed using Chi-square test; ^b analysed using Kruskal-Wallis test

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