

Table 1) Distribution of absolute and relative frequency of background specifications of women participating in research (9260 participants)

Variables	Frequency	Percentage
Accommodation		
Urban	7973	86.1
Rural	1287	13.9
Employment Status		
Manual worker	1545	16.7
Housewife	5107	55.1
Employee	1533	16.5
Farmer	533	5.8
No response	542	5.8
Education Level		
Illiterate	668	7.2
Primary school	2384	25.7
Junior high school	1914	20.7
Senior high school	308	3.3
Diploma	2306	24.9
Higher education	1158	12.5
No response	522	5.6
Marital Status		
Single	522	5.6
Married	8141	87.9
Divorced	93	1.0
Widow	504	5.4
Number of Children		
Zero	949	10.2
1-2	4280	46.2
3 and more	4031	43.5
Lactation History		
No	7554	81.6
Yes	1151	12.4
No response	555	6.0
Family history of cancer		
No	8185	88.4
Yes	1075	11.6
The History of Breast Disease		
No	8512	91.9
Yes	748	8.1

Table 2) Distribution of absolute and relative frequency of knowledge and attitude of women (9260)

Variables	Number	Percentage
Knowledge of cancer risk factors		
No	5158	55.7
Yes	4102	44.3
Awareness of Signs and symptoms		
No	1505	16.3
Yes	7755	83.7
Belief in the Effectiveness of the Examination (Attitude)		
No	4582	49.5
Yes	4678	50.5

Table 3) Predictors of female performance based on the results of single variable logistic regression (9260 people)

Variables	OR	95%CI	Significance Level
Awareness of Cancer Risk Factors			
No (Score less than 50)	1.0	-	-
Yes (more or equal to 50)	1.3	1.2-1.5	<0.001
Awareness of Signs and Symptoms			
No (Less than 50)	1.0	-	-
Yes (Equal or more than 50)	1.9	1.6-2.1	<0.001
Belief in the Effectiveness of the Examination			
No (Less than 35)	-	-	-
Yes (Equal or more than 35)	1.4	1.3-1.5	<0.001
Age (Year)			
20-29	1.0	-	-
30-39	2.8	2.4-3.1	<0.001
40-49	2.6	2.2-2.9	<0.001
50-59	1.6	1.4-1.8	<0.001
60-69	0.7	0.6-0.9	0.004
Accommodation			
Rural	1.0	-	-
Urban	1.2	1.0-1.4	0.011
Occupation			
Housewife	1.0	-	-
Manual worker	2.0	1.5-2.7	<0.001
Self-employed	0.4	0.4-0.5	<0.001
Educational Level			
Illiterate	1.0	-	-
Primary school	2.5	2.1-3.0	<0.001
Junior high school	2.6	2.2-3.2	<0.001
Senior high school	1.9	1.5-2.5	<0.001
Diploma	2.6	2.2-3.1	<0.001
Higher education	1.8	1.5-2.1	<0.001
Marital status			
Single	1.0	-	-
Married	5.9	4.9-7.2	<0.001
Divorced	5.1	3.1-8.4	<0.001
Widow	3.1	2.4-4.0	<0.001
Number of Children			
No child	1.0	-	-
1-2	3.1	2.7-3.6	<0.001
3 and more	1.6	1.4-1.9	<0.001
History of Lactation			
No	1.0	-	-
Yes	2.4	2.1-2.7	<0.001
Family Cancer History			
No	1.0	-	-
Yes	1.3	1.1-1.6	<0.001
History of Breast Disease			
No	1.0	-	-
Yes	6.9	5.0-9.5	<0.001

Table 4) The predictors of female performance based on the results of multivariate logistic regression (9260)

Variables	OR	95%CI	Significance Level
Awareness of Cancer Risk Factors			
No (Score less than 50)	1.0	-	-
Yes (more or equal to 50)	1.3	1.1-1.3	<0.001
Awareness of Signs and Symptoms			
No (Less than 50)	1.0	-	-
Yes (Equal or more than 50)	1.5	1.3-1.7	<0.001
Belief in the Effectiveness of the Examination			
No (Less than 35)	-	-	-
Yes (Equal or more than 35)	1.3	1.1-1.4	<0.001
Age (Year)			
20-29	1.0	-	-
30-39	2.1	1.8-2.4	<0.001
40-49	2.3	1.9-2.8	<0.001
50-59	1.8	1.5-2.3	<0.001
60-69	1.3	1.0-1.7	0.086
Accommodation			
Rural	1.0	-	-
Urban	1.3	1.2-1.6	<0.001
Occupation			
Housewife	1.0	-	-
Manual worker	1.8	1.3-2.5	<0.001
Self-employed	0.7	0.6-0.9	0.006
Educational Level			
Illiterate	1.0	-	-
Primary school	2.2	1.8-2.6	<0.001
Junior high school	2.6	2.1-3.3	<0.001
Senior high school	2.3	1.7-3.1	<0.001
Diploma	3.5	2.8-4.4	<0.001
Higher education	3.9	3.0-5.0	<0.001
Marital status			
Single	1.0	-	-
Married	4.1	1.7-9.7	<0.001
Divorced	3.8	1.4-10.3	<0.001
Widow	3.1	1.2-7.4	<0.001
Number of Children			
No child	1.0	-	-
1-2	1.7	1.2-2.5	0.002
3 and more	1.6	1.0-2.2	0.042
History of Lactation			
No	1.0	-	-
Yes	1.4	1.0-2.0	0.036
Family Cancer History			
No	1.0	-	-
Yes	1.0	1.1-1.6	0.619
History of Breast Disease			
No	1.0	-	-
Yes	5.8	4.2-8.1	<0.001