

Table 1. Mean, standard deviation, achievable score and Pearson correlation coefficient between the variables studied subjects

	1	2	3	4	5	6	7	8	9	10	Mean±SD	Average percentage of maximum achievable score
Perceived sensitivity	1										8.39±2.89	44.91
Perceived severity	0.092	1									26.75±5.35	70.53
Perceived rewards	0.079	**0.443	1								20.18±3.02	75.9
Perceived self-efficacy	0.040	**0.259	**0.308	1							21.34±5.12	59
Fear	0.057	**0.378	**0.334	**0.271	1						10.11±2.88	59.25
Perceived response efficiency	0.056	**0.352	**0.420	**0.329	**0.232	1					24.50±3.51	77.8
Perceived response costs	0.016	0.065	0.043	0.019	**0.163	0.011	1				17.56±3.11	62.8
Assessing the threat	**0.546	**0.741	-0.074	*0.098	**0.204	**0.134	0.046	1			0.99±0.39	55
Assessing coping	0.045	**0.307	**0.380	**0.808	**0.220	**0.671	**0.384	*0.108	1		1.96±0.45	56.89
Protection motivation	0.072	0.094	**0.216	**0.270	*0.126	**0.248	**0.131	0.010	**0.034	1	2.79±1.16	59.66

* Correlation at the level of 0.05; ** correlation at the level of 0.01

Table 2. The mean and standard deviations of items for assessing the threat and fear

Totally disagree	Disagree	I do not care	Agree	Totally agree	Mean±SD		
No. (%)	No. (%)	No. (%)	No. (%)	No. (%)			
46 (11.4)	76 (18.9)	92 (22.8)	167 (41.4)	22 (5.5)	3.11±1.12	It's likely to have prostate cancer in the next few years.	Perceived sensitivity
62 (15.4)	133 (32)	93 (23.1)	104 (25.8)	11 (2.7)	2.67±1.1	I feel like I'm going to have prostate cancer in my life.	
79 (19.6)	136 (33.7)	63 (15.6)	113 (28)	12 (3)	2.61±1.17	When I compare myself with other men, I'm likely to have with prostate cancer.	
19 (7/4)	51 (12.7)	26 (6.5)	211 (52.4)	96 (23.8)	3.78±1.09	Prostate cancer is a serious and dangerous condition.	Perceived severity
17 (2/4.)	60 (14.9)	56 (13.9)	179 (44.4)	91 (22.6)	3.66±1.1	Prostate cancer will have a negative effect on my relationship with my wife.	
23 (5.7)	89 (22.1)	54 (13.4)	164 (40.7)	73 (18.1)	3.43±1.18	I will face troubles in my career by getting a prostate cancer.	
14 (3.5)	40 (9.9)	39 (9.7)	207 (51.4)	103 (25.6)	3.86±1.02	If I have prostate cancer, I will have a lot of problems in a long time.	
13 (3.2)	28 (6.9)	31 (7.7)	183 (45.4)	148 (36.7)	4.05±1	In case of prostate cancer, my mental and emotional well-being will be disturbed.	
5 (1.2)	14 (3.5)	17 (4.2)	188 (46.7)	179 (44.4)	4.3±0.8	Having prostate cancer causes a lot of economic costs to me.	
16 (4)	64 (15.9)	47 (11.7)	186 (46.2)	90 (22.3)	3.67±1.1	Having prostate cancer causes interruptions in my social relationships.	
15 (3.7)	18 (4.5)	21 (5.2)	202 (50.1)	147 (36.5)	4.11±0.95	No prostate examinations and tests with pleasant results will reduce my concerns.	Perceived rewards
5 (1.2)	6 (1.5)	10 (2.5)	231 (57.3)	151 (37.5)	4.28±0.7	I am more relaxed with no prostate tests.	
3 (7)	11 (2.7)	13 (3.2)	231 (57.3)	145 (36)	4.25±0.71	No prostate examination and tests make my life relaxed.	
22 (5.5)	90 (22.3)	93 (23.1)	158 (39.2)	40 (9.9)	3.26±1.08	No prostate examinations can make me a great person from the perspective of others.	
8 (2)	2 (5)	13 (3.2)	224 (55.6)	156 (38.7)	4.29±0.73	If I do not perform examination and tests for the prostate, I will be more confident in my health.	

16 (4)	62 (15.4)	65 (16.1)	183 (45.4)	77 (19.1)	3.6±1.08	When I think of prostate cancer, I'm worried.	Fear
23 (5.7)	113 (28)	92 (22.8)	135 (33.5)	40 (9.9)	3.14±1.1	When I think of prostate cancer, I can not sleep or I have bad dreams.	
22 (5.5)	81 (20.1)	75 (18.6)	176 (43.7)	49 (12.2)	3.37±1.09	When I think of prostate cancer, I become anxious.	

Table 3. The mean and standard deviation of items for assessing coping

Totally disagree No. (%)	Disagree No. (%)	I do not care No. (%)	Agree No. (%)	Totally agree No. (%)	Mean±SD		
20 (5)	89 (22.1)	43 (10.7)	210 (52.1)	41 (10.2)	3.4±1.08	I can do prostate testing, even if the doctor or health worker does not provide me with much information.	Self-efficacy
25 (6.2)	64 (15.9)	45 (11.2)	218 (54.1)	51 (12.7)	3.51±1.09	I can perform prostate tests, even if my wife does not support me.	
27 (6.7)	66 (16.4)	43 (10.7)	212 (52.6)	55 (13.6)	3.5±1.12	I can perform prostate tests, even if my children do not support me.	Self-efficacy
23 (5.7)	55 (13.6)	55 (13.6)	206 (51.1)	64 (15.9)	3.58±1.08	I can perform prostate tests, even if it's hard to do.	
17 (4.2)	46 (11.4)	63 (15.6)	212 (52.6)	65 (16.1)	3.65±1.01	I can do prostate testing, even if I spend a lot of time.	
21 (5.2)	41 (10.2)	50 (12.4)	219 (54.3)	72 (17.9)	3.69±1.04	I can do prostate testing, even if I have to pay for that.	
9 (2.2)	16 (4)	18 (4.5)	232 (57.6)	128 (31.8)	4.13±0.84	By conducting prostate tests, I will prevent the cancer.	Perceived response efficiency
7 (1.7)	14 (3.5)	13 (3.2)	246 (61)	123 (30.5)	4.15±0.78	If prostate cancer be diagnosed with testing, it will stop with proper cancer treatment.	
11 (2.7)	55 (13.6)	24 (6)	242 (60)	71 (17.6)	3.76±0.98	The negative prostate cancer test guarantees my health.	
9 (2.2)	21 (5.2)	13 (3.2)	245 (60.8)	115 (28.5)	4.08±0.85	Performing examination and testing of the prostate causes early diagnosis of the disease.	
6 (1.5)	9 (2.2)	13 (3.2)	233 (57.8)	142 (35.2)	4.23±0.74	With the diagnosis of prostate cancer in the early stages and successful treatment, the prospect of long-term life expectancy will increase.	
10 (2.5)	18 (4.5)	8 (2)	232 (57.6)	135 (33.5)	4.15±0.85	If anyone carries out prostate examinations, this will reduce the likelihood of death from cancer.	
29 (7.2)	150 (37.2)	90 (22.3)	118 (29.3)	16 (4)	3.14±1.04	Participating in prostate screening programs is very time consuming.	Perceived response costs
71 (17.6)	238 (59.1)	45 (11.2)	35 (8.7)	14 (3.5)	3.79±0.95	Because there is no specific treatment for prostate cancer, participation in the screening program is not worthwhile.	
38 (9.4)	179 (44.4)	109 (27)	67 (16.6)	10 (2.5)	3.42±0.95	Prostate examination is very painful.	
36 (8.9)	192 (47.6)	97 (24.1)	66 (16.4)	12 (3)	3.43±0.96	The examination of the prostate is very painful and shameful.	
69 (17.1)	223 (55.3)	73 (18.1)	31 (7.7)	7 (1.7)	3.87±0.87	Doctors who perform a prostate tests behave badly with patients.	