Table 4 Exploratory factor analysis of composite risk perception subscales in the Persian (Farsi) version of the Risk Perception Survey–Diabetes Mellitus

Item no.	Item	Factors				
		1 Personal disease risk	2 Environmental risk	3 Worry	4 Optimistic bias	5 Perceived personal control
	The statements below are about your risk (or chances) of having diabetes health problems					
6	I feel that I have little control over risks to my health[a]	–	–	–	–	0.60
7	If I am going to get complications from diabetes, there is not much I can do about it[a]	–	–	–	–	0.73
11.	My own efforts can help control my risks of getting diabetes complications	–	–	–	–	0.59
13	If I make a good effort to control the risks of diabetes complications, I am much less likely to get complications	–	–	–	–	0.59
8	I am very concerned about getting diabetes health problems[a]	–	–	0.75	–	–
12	I worry about getting diabetes complications[a]	–	–	0.74	–	–
9	Compared to other people with diabetes of my same age and sex, I am less likely than they are to get diabetes complications	–	–	–	0.90	–
10	Compared to other people with diabetes of my same age and sex, I am less likely to have serious health problems	–	–	–	0.90	–
	Below is a list of health problems and diseases					
14	Heart attack	0.44	–	0.51	–	–
15	Foot amputation	0.75	–	–	–	–
16	Cancer	–	–	0.48	–	–
17	Vision problems	0.76	–	–	–	–
18	High blood pressure	0.69	–	–	–	–
19	Numb feet	0.70	–	–	–	–
20	Stroke	0.65	–	–	–	–
21	Blindness	0.79	–	–	–	–
22	Kidney failure	0.74	–	–	–	–
	The following is a list of possible hazards or dangerous conditions in the environment around most of us					
23	Medical tests (e.g. X-ray, MRI)	–	0.54	0.48	–	–
24	Violent crime	–	–	–	–	–
25	Extreme weather (hot or cold)	–	–	–	–	–
26	Driving/riding in an automobile (car)	–	0.40	0.53	–	–
27	Street drugs (illegal drugs)	–	0.56	–	–	–
28	Air pollution	–	0.59	–	–	–
29	Pesticides	–	0.77	–	–	–
30	Household chemicals (cleaners)	–	0.76	–	–	–
31	Cigarette smoke from people smoking around you	–	0.75	–	–	–

[a]Reverse scored.
MRI = magnetic resonance imaging.