Aim of the study

The aim of this study is to assess the relationship between awareness and attendance rate in state-organized cancer screening programs within the targeted Latvian population. Additionally, the study aims to characterize the factors that affect the Latvian inhabitants to participate in these programs.

Study questions

* Does awareness about state-funded cancer screenings affects participation in populational screening in Latvia?
* **Awareness about Cancer Screening:**
  + Q17: Are you familiar with the concept of cancer screening in Latvia? (Yes/No)
  + Q18: What types of cancer screening are you aware of? (Multiple-choice)
  + Q19: Which of the following cancer screenings have you attended in the last year? (Multiple-choice)
  + Q20: What sources have you used to learn about cancer screening tests? (Multiple-choice)
* **Participation in Cancer Screening:**
  + Q25: If you received invitations for screenings, did you perform the screening? (Yes/No)
* **Demographic and Socioeconomic Factors:**
  + Q1: What is your age? (Continuous)
  + Q3: What is your gender? (Male/Female/Other)
  + Q4: Where do you live? (City/Town/Village)
  + Q8: What is your occupation? (Multiple-choice)
  + Q9: What is your employment status? (Multiple-choice)
  + Q13: Do you know who your general practitioner is? (Yes/No)
* Are there any gender differences in awareness towards the screening and in participation rates in populational screening in Latvia?
* **Awareness about Cancer Screening:**
  + Q17: Are you familiar with the concept of cancer screening in Latvia? (Yes/No)
  + Q18: What types of cancer screening are you aware of? (Multiple-choice)
  + Q20: What sources have you used to learn about cancer screening tests? (Multiple-choice)
* **Participation in Cancer Screening:**
  + Q19: Which of the following cancer screenings have you attended in the last year? (Multiple-choice)
  + Q25: If you received invitations for screenings, did you perform the screening? (Yes/No)
* **Demographic Information:**
  + Q3: What is your gender? (Male/Female/Other)
* Do sociodemographic factors affect the attitude towards screening and participation in screenings in Latvia?
* **Demographic Information:**
  + Q1: What is your age? (Continuous)
  + Q3: What is your gender? (Male/Female/Other)
  + Q4: Where do you live? (City/Town/Village)
  + Q5: What is your marital status? (Single/Married or living with a partner/Divorced/Widowed)
  + Q6: Number of children that you have? (Continuous)
  + Q8: What is your occupation? (Multiple-choice)
  + Q9: What is your employment status? (Multiple-choice)
  + Q13: Do you know who your general practitioner is? (Yes/No)
* **Education Level:**
  + Q7: What is the highest level of school that you have completed? (Multiple-choice)
* **Health-related Factors:**
  + Q10: What is your smoking status? (Non-smoker/Current smoker/Former smoker)
  + Q11: Your daily alcohol consumption is? (Multiple-choice)
  + Q12: How often do you exercise? (Multiple-choice)
  + Q14: When was the last time you visited your general practitioner? (Multiple-choice)
  + Q15: How often do you get health check-ups? (Multiple-choice)
  + Q16: For women only: When was the last time you visited your gynecologist? (Multiple-choice)

Hypothesis

1. Awareness about state-funded cancer screenings increases attendance rates of the population in screenings.

2. Females are more aware than men of state-funded cancer screenings and attend them more frequently than men.

3. Participation in state-funded screenings is higher among younger participants.

4. Participation in state-funded screening is higher among participants with a higher level of education.

5. Participation in state-funded screening is higher among participants with higher socioeconomic status.

1. Awareness about state-funded cancer screenings affects an increase in attendance rates of the population in screenings.
2. **Awareness about Cancer Screening:**
   1. Q17: Are you familiar with the concept of cancer screening in Latvia? (Yes/No)
   2. Q18: What types of cancer screening are you aware of? (Multiple-choice)
   3. Q20: What sources have you used to learn about cancer screening tests? (Multiple-choice)
3. **Participation in Cancer Screening:**
   1. Q19: Which of the following cancer screenings have you attended in the last year? (Multiple-choice)
   2. Q25: If you received invitations for screenings, did you perform the screening? (Yes/No)
4. **Attitudes towards Screening:**
   1. Q26: To what extent do you agree or disagree with statements related to personal health, cancer seriousness, fear of cancer, etc.? (Likert scale)
5. Female are aware more than men about state-funded cancer screenings and attend them more frequently than men.
6. **Awareness about Cancer Screening:**
   1. Q17: Are you familiar with the concept of cancer screening in Latvia? (Yes/No)
   2. Q18: What types of cancer screening are you aware of? (Multiple-choice)
   3. Q20: What sources have you used to learn about cancer screening tests? (Multiple-choice)
7. **Participation in Cancer Screening:**
   1. Q19: Which of the following cancer screenings have you attended in the last year? (Multiple-choice)
   2. Q25: If you received invitations for screenings, did you perform the screening? (Yes/No)
8. **Demographic Information:**
   1. Q3: What is your gender? (Male/Female/Other)
9. Participation rates vary based on factors as age, education level, socioeconomic status.
10. **Demographic Information:**
    1. Q1: What is your age? (Continuous)
    2. Q7: What is the highest level of school that you have completed? (Multiple-choice)
11. **Socioeconomic Status:**
    1. Q4: Where do you live? (City/Town/Village)
    2. Q5: What is your marital status? (Single/Married or living with a partner/Divorced/Widowed)
    3. Q6: Number of children that you have? (Continuous)
    4. Q8: What is your occupation? (Multiple-choice)
    5. Q9: What is your employment status? (Multiple-choice)
    6. Q10: What is your smoking status? (Non-smoker/Current smoker/Former smoker)
    7. Q11: Your daily alcohol consumption is? (Multiple-choice)
    8. Q12: How often do you exercise? (Multiple-choice)
12. **Healthcare-related Information:**
    1. Q13: Do you know who your general practitioner is? (Yes/No)
    2. Q14: When was the last time you visited your general practitioner? (Multiple-choice)
    3. Q15: How often do you get health check-ups? (Multiple-choice)
    4. Q16: For women only: When was the last time you visited your gynecologist? (Multiple-choice)

Procedure-

1. Removed the following columns – voluntary columns , hence data not available

External Reference Custom Variable 1 Custom Variable 2 Custom Variable 3 Custom Variable 4 Custom Variable 5 Respondent Email Email List

* Sample size of participants overall and separate for female and male, sample size of participants excluded by exclusion criteria (due to age, established cancer diagnosis)
* Sociodemographic data
  + Age distribution (if possible as visualization like a grouped frequency distribution table?), mean age of female participants, mean age of male participants
  + Responders by city (if possible as a distribution chart, sample size and percentage)
  + Marital status (sample size and percentage)
  + Number of children (sample size and percentage)
  + Level of education (if possible as visualization, sample size and percentage)
  + Occupation and employment status (if possible as visualization, sample size and percentage)
  + Smoking status, alcohol consumption, physical activity (sample size and percentage)
* Healthcare-related information
  + Sample size and percentage of participants knowing their GP, visited a gynecologist (as a pie chart?)
  + Sample size and percentage of participants who visited GP, and got health check-ups (as a pie chart?)
* Cancer screening-related questions
  + Sample size and percentage of participants familiar with the concept of cancer screening (Visualized as distribution?)
  + Sample size and percentage for the question: What sources have you used to learn about cancer screening tests (if possible as visualization)
  + Sample size and percentage for received invitation letter and offer from GP
* Influencing factor (strongly agree - strongly disagree tables)
  + It is possible to make for each table a Stacked bar chart?
* Last question about the motivation factors: Is it possible to have something like a pie chart of bar chart/histogram? Also with the sample size and percentages for each factor?