## Societal views on using risk-based innovations to inform cancer screening and referral policies: Findings from three community juries

Dennison RA, Clune RJ, Waller J, Tung J, John SD, Moorthie SA, Usher-Smith JA

Additional file 1
Supplementary Table 1. Summary of the risk-based innovations used as examples in this study.

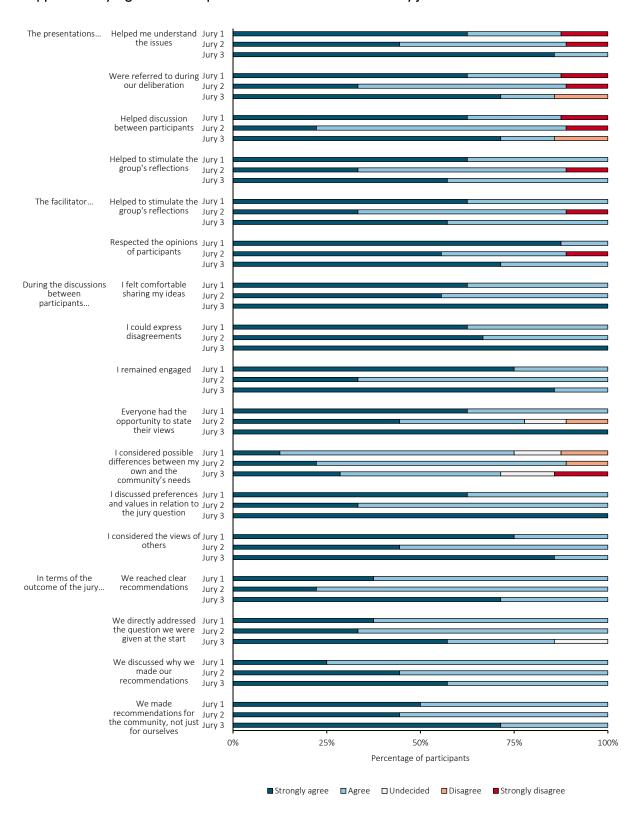
	How can it be used to assess cancer risk?	How does someone take part?
Polygenic risk scores	A polygenic risk score accounts for the many variations in someone's genes. Some of these increase the risk of certain cancers while others protect against them.	By providing a blood or saliva sample for analysis.
Geodemographic segmentation	By considering geodemographic data, generalisations about cancer risk can be made (e.g. population density or pollution levels).	By providing their postcode and additional data such as about their housing or socioeconomic situation.
Minimally invasive tests	Biomarkers can be used to understand processes occurring in the body. They may be produced by the cancer cells themselves, or other cells in response to the cancer. A minimally invasive test would provide a snapshot of someone's biomarkers.	By providing a blood, saliva, urine, stool or sweat sample for analysis using a non-invasive or minimally invasive test.
Continuous monitoring of biomarkers	Unlike the snapshot generated by a minimally invasive test, continuous monitoring would reveal changes in someone's biomarkers over a period of time.	By wearing a patch or other sensor to constantly measure certain biomarkers.
Artificial intelligence (AI) analysis of medical records	An Al algorithm could be applied to someone's medical record (e.g. age, sex, smoking status, past medical history, medications, etc.) and generate a cancer risk score.	By consenting to their health records being analysed.
Wearable devices	A wearable device could continuously track, record, and monitor physical health parameters. For example, sleep patterns or temperature of the skin of the breast.	By wearing the device and sharing the data with clinicians.

## Supplementary Table 2. Additional participant characteristics.

Total N         8         9         70 al (100)           Familiarity with cancer and screening         Familiarity with cancer and screening           Family history of cancer         3         4         3         10 (41.7)           No, don't know or prefer not to say         5         5         4         14 (58.8)           History of cancer in a close friend         7         5         1         13 (54.8)           No, don't know or prefer not to say         7         5         1         13 (54.2)           Have completed screening for:         4         2         1         4 (16.7)           Abdominal aortic aneurysm         1         2         1         4 (16.7)           Bowel cancer         2         2         3         7 (29.2)           Breast cancer         1         0         1         2 (8.3)           Thoughts and beliefs about cancer         1         0         1         2 (8.3)           Threse days, many people with cancer can expect to continue with reference and series         2         3         1         4 (15.8)           Neither disagree or agree         5         5         4 (16.7)         4 (16.7)           Wost cancer treatment is worse than the cancer itself         2         6		Jury 1	Jury 2	Jury 3	
Familiarity with cancer and screening   Family history of cancer     Yes		Online	In-person	Online	Total (%)
Family history of cancer   Family history of cancer   Family history of cancer in a close friend   Family of cancer   Family of canc	Total N	8	9	7	24 (100.0)
Yes         3         4         3         10 (41.7)           No, don't know or prefer not to say         5         5         4         14 (58.3)           History of cancer in a close friend         Yes         1         4         6         11 (45.8)           No, don't know or prefer not to say         7         5         1         13 (54.2)           Have completed screening for:         3         2         1         4 (16.7)           Bowel cancer         1         0         1         2 (9.2)           Breast cancer         1         0         1         2 (8.3)           Cervical cancer         1         0         1         2 (8.3)           Cervical cancer         5         5         4         14 (58.3)           Bowel cancer         1         0         1         2 (8.3)           Cervical cancer         1         0         1         2 (8.3)           Cervical cancer         2         3         1         6 (58.3)           Tervical cancer         3         5         4         14 (52.5)           Bowel cancer         5         5         4         14 (52.5)           Strongly agree or agree         5 <td< td=""><td>Familiarity with cancer and screening</td><td></td><td></td><td></td><td></td></td<>	Familiarity with cancer and screening				
No, don't know or prefer not to say	Family history of cancer				
History of cancer in a close friend  Yes 1 4 6 11 (45.8)  No, don't know or prefer not to say  Have completed screening for:  Abdominal aortic aneurysm 1 2 1 3 4 (16.7)  Bowel cancer 2 2 2 3 3 7 (29.2)  Breast cancer 1 0 1 0 1 2 (8.3)  Cervical cancer 4 3 2 9 (37.5)  Thoughts and beliefs about cancer  "These days, many people with cancer can expect to continue with normal activities and responsibilities"  Strongly agree or agree 5 5 5 4 14 (58.3)  Strongly disagree or disagree 1 1 1 2 4 (16.7)  "Most cancer treatment is worse than the cancer itself"  Strongly agree or agree 2 6 4 12 (50.0)  Neither disagree nor agree 2 6 4 12 (50.0)  Neither disagree nor agree 2 1 7 (29.2)  Strongly agree or disagree 2 1 7 (29.2)  Strongly agree or disagree 1 1 0 0 1 (4.2)  Neither disagree nor agree 1 0 0 1 (4.2)  Neither disagree nor agree 1 1 0 0 2 (8.3)  "I would not want to know if I had cancer"  Strongly agree or disagree 1 1 0 0 2 (8.3)  "Strongly disagree or disagree 1 1 0 0 2 (8.3)  Neither disagree nor agree 1 1 0 0 2 (8.3)  Strongly disagree or disagree 1 1 1 0 2 (8.3)  "Strongly agree or agree 5 7 4 16 (66.7)  Neither disagree nor agree 5 7 4 16 (66.7)  Neither disagree nor agree 5 7 4 16 (66.7)  Strongly agree or disagree 7 1 1 0 2 (8.3)  "Cancer can often be cured"  "Strongly agree or disagree 7 1 1 0 2 (8.3)  "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree 8 8 8 7 23 (95.8)  Neither disagree nor agree 8 8 8 7 23 (95.8)  Neither disagree nor agree 9 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Yes	3	4	3	10 (41.7)
Yes         1         4         6         11 (45.8)           No, don't know or prefer not to say         7         5         1         13 (54.2)           Have completed screening for:         3         2         1         4 (16.7)           Abdominal aortic aneurysm         1         2         1         4 (16.7)           Bowel cancer         1         0         1         2 (8.3)           Breast cancer         1         0         1         2 (8.3)           Cervical cancer         4         3         2         9 (37.5)           Thoughts and beliefs about cancer           "These days, many people with cancer can expect to continue with normal activities and responsibilities         1         4         16 (55.8)           Strongly agree or agree         5         5         4         14 (58.3)         1         6 (25.0)           Strongly disagree or disagree         2         3         1         6 (25.0)         1         12 (50.0)         1         14 (58.3)         1         12 (50.0)         1         14 (58.3)         1         12 (50.0)         1         14 (58.3)         1         12 (50.0)         1         14 (58.3)         1         12 (50.0)         1         14 (50.0) </td <td>No, don't know or prefer not to say</td> <td>5</td> <td>5</td> <td>4</td> <td>14 (58.3)</td>	No, don't know or prefer not to say	5	5	4	14 (58.3)
No, don't know or prefer not to say   7   5   1   13 (54.2)     Have completed screening for:   Abdominal aortic aneurysm   1   2   1   4 (16.7)     Bowel cancer   2   2   3   7 (29.2)     Breast cancer   1   0   1   2 (8.3)     Cervical cancer   4   3   2   9 (37.5)     Thoughts and beliefs about cancer     These days, many people with cancer can expect to continue with normal activities and response with an experiment of the decays, many people with cancer can expect to continue with normal activities and response with larger or agree   5   5   4   14 (58.3)     Neither disagree or agree   5   5   4   14 (58.3)     Neither disagree or disagree   2   3   1   6 (25.0)     Strongly disagree or disagree   2   6   4   12 (50.0)     Neither disagree nor agree   2   6   4   12 (50.0)     Neither disagree nor agree   4   2   1   7 (29.2)     Strongly disagree or disagree   4   2   1   7 (29.2)     Strongly disagree or disagree   1   0   0   1 (4.2)     Neither disagree nor agree   1   1   0   2 (8.3)     Strongly agree or agree   1   1   0   2 (8.3)     Strongly disagree or disagree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Strongly agree or agree   5   7   4   16 (66.7)     Neither disagree nor agree   8   8   7   23 (55.8)     Strongly disagree or disagree   8   8   7   23 (55.8)     Strongly agree or agree   8   8   7   23 (55.8)     Strongly agree or agree   8   8   7   23 (55.8)     Strongly agree or agree   8   8   7   23 (55.8)     Strongly agree or agree   8   8   7   23 (55.8)     Strongly agree or agree   8   8   7   23 (55.8)     Strongly agree or agree   9   9   9 (50.8)     Strongly agree or agree   9   9 (50.8)     Strongly agree or agree   9   9 (50.8)     Strongly agree or agree   9 (50.8)     Strongly agree or agree   9 (50.8)     Strongly ag	History of cancer in a close friend				
Abdominal aortic aneurysm   1	Yes	1	4	6	11 (45.8)
Abdominal aortic aneurysm 1 2 1 3 7 (29.2) Bowel cancer 2 2 2 3 7 (29.2) Breast cancer 1 0 1 0 1 2 (8.3) Cervical cancer 4 3 3 2 9 (37.5)  Thoughts and beliefs about cancer "These days, many people with cancer can expect to continue with normal activities and responsibilities"  Strongly agree or agree 5 5 5 4 14 (58.3) Neither disagree nor agree 2 3 1 6 (25.0) Strongly disagree or disagree 1 1 1 2 7 (29.2) Strongly agree or agree 2 6 4 12 (50.0) Neither disagree nor agree 4 2 6 4 12 (50.0) Neither disagree nor agree 4 2 1 7 (29.2) Strongly disagree or disagree 4 2 1 7 (29.2) Strongly disagree or disagree 1 0 0 0 1 (4.2) Neither disagree nor agree 1 0 0 0 1 (4.2) Neither disagree nor agree 1 0 0 0 2 (8.3) Strongly agree or agree 1 1 0 0 2 (8.3) Strongly disagree or disagree 1 1 0 0 2 (8.3) Strongly disagree or disagree 1 1 0 0 2 (8.3) Strongly disagree or disagree 5 7 4 16 (66.7) Neither disagree nor agree 5 7 4 16 (66.7) Neither disagree nor agree 5 7 4 16 (66.7) Neither disagree nor agree 5 7 4 16 (66.7) Neither disagree nor agree 1 1 0 2 (8.3) Strongly disagree or disagree 5 2 1 3 6 (25.0)  "Cancer can often be cured" Strongly agree or agree 5 7 4 16 (66.7) Neither disagree nor agree 7 7 4 16 (66.7) Neither disagree nor agree 8 8 8 7 23 (95.8)  "Going to the doctor as quickly as possible after noticing a symptom or cancer could increase the surviving"  Strongly agree or agree 8 8 8 7 23 (95.8) Neither disagree nor agree 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	No, don't know or prefer not to say	7	5	1	13 (54.2)
Bowel cancer   2   2   3   7 (29.2)     Breast cancer   1   0   1   2 (8.3)     Cervical cancer   4   3   2   9 (37.5)     Thoughts and beliefs about cancer     These days, many people with cancer can expect to continue with normal activities and responsibilities."   Strongly agree or agree   5   5   4   14 (58.3)     Neither disagree nor agree   2   3   1   6 (25.0)     Strongly disagree or disagree   2   6   4   12 (50.0)     Neither disagree nor agree   2   6   4   12 (50.0)     Neither disagree nor agree   2   6   4   12 (50.0)     Neither disagree nor agree   2   1   7 (29.2)     Strongly disagree or disagree   2   1   7 (29.2)     Strongly disagree or disagree   2   1   0   0   1 (4.2)     Neither disagree nor agree   1   0   0   2 (8.3)     Strongly agree or agree   1   1   0   2 (8.3)     Strongly disagree or disagree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   5   7   4   16 (66.7)     Neither disagree nor agree   8   8   7   23 (95.8)     Strongly disagree or disagree   8   8   7   23 (95.8)     Strongly agree or disagree   8   8   7   23 (95.8)     Neither disagree nor agree   8   8   7   23 (95.8)     Neither disagree nor agree   9   1   0   1 (4.2)     Strongly agree or agree   8   8   7   23 (95.8)     Neither disagree nor agree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree or disagree   9   0   0   0 (0.0)     Strongly disagree o	Have completed screening for:				
Breast cancer	Abdominal aortic aneurysm	1	2	1	4 (16.7)
Thoughts and beliefs about cancer         Thoughts and beliefs about cancer           "These days, many people with cancer can expect to continue with normal activities and responsibilities"           Strongly agree or agree         5         5         4         14 (58.3)           Neither disagree nor agree         2         3         1         6 (25.0)           Strongly disagree or disagree         1         1         2         4 (16.7)           "Most cancer treatment is worse than the cancer itself"         5         6         4         12 (50.0)           Neither disagree or agree         2         6         4         12 (50.0)           Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         1         0         0         1 (4.2)           Neither disagree nor agree         1         1         0         2 (8.3)           "Cancer can often be cured"         3         7         2 (8.7)           Strongly agree or agree         5         7         4         16 (66.7)           Neither disagree nor agree         5         7         4         16 (66.7)           Neither disagree or disagree         2         1         3         6 (25.0)	Bowel cancer	2	2	3	7 (29.2)
Thoughts and beliefs about cancer           "Those days, many people with cancer can expect to continue with normal activities and responsibilities"           Strongly agree or agree         5         5         4         14 (58.3)           Neither disagree nor agree         2         3         1         6 (25.0)           Strongly disagree or disagree         1         1         2         4 (16.7)           "Most cancer treatment is worse than the cancer itself"         Strongly agree or agree         2         6         4         12 (50.0)           Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         1         0         0         1 (4.2)           Neither disagree nor agree         1         0         0         1 (4.2)           Neither disagree or disagree         5         7         4         16 (66.7)           Neither disagree nor agree         5         7         4         16 (66.7)           Neither disagree or disagree         2         1         3         6 (25.0)           "Cancer can often be cured"         3         3         6 (25.0)           "Strongly agree or agree         5         7         4         16 (66.7)	Breast cancer	1	0	1	2 (8.3)
"These days, many people with cancer can expect to continue with normal activities and responsibilities"         Strongly agree or agree       5       5       4       14 (58.3)         Neither disagree nor agree       2       3       1       6 (25.0)         Strongly disagree or disagree       1       1       2       4 (16.7)         "Most cancer treatment is worse than the cancer itself"       ***       ***       2       6       4       12 (50.0)         Neither disagree or agree       2       6       4       12 (50.0)         Neither disagree or disagree       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       ***       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       1       0       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       3       2 (8.5)       3       2 (8.5)       3       2 (8.3)       3       2 (8.5)<	Cervical cancer	4	3	2	
"These days, many people with cancer can expect to continue with normal activities and responsibilities"         Strongly agree or agree       5       5       4       14 (58.3)         Neither disagree nor agree       2       3       1       6 (25.0)         Strongly disagree or disagree       1       1       2       4 (16.7)         "Most cancer treatment is worse than the cancer itself"       ***       ***       2       6       4       12 (50.0)         Neither disagree or agree       2       6       4       12 (50.0)         Neither disagree or disagree       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       ***       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       1       0       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       2       2 (8.3)       3       2 (8.5)       3       2 (8.5)       3       2 (8.3)       3       2 (8.5)<	Thoughts and holiafs about cancer				
Strongly agree or agree         5         5         4         14 (58.3)           Neither disagree nor agree         2         3         1         6 (25.0)           Strongly disagree or disagree         1         1         2         4 (16.7)           "Most cancer treatment is worse than the cancer itself"         Strongly agree or agree         2         6         4         12 (50.0)           Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         2         1         0         2 (20.8)           "I would not want to know if I had cancer"         3         0         0         1 (4.2)           Strongly agree or agree         1         0         0         1 (4.2)           Neither disagree nor agree         1         1         0         2 (8.3)           "Cancer can often be cured"         3         7         4         16 (66.7)           Neither disagree nor agree         5         7         4         16 (66.7)           Neither disagree or disagree         2         1         3         6 (25.0)           "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"         3         8         7		to continue with no	ormal activities	and respons	sibilities"
Neither disagree nor agree         2         3         1         6 (25.0)           Strongly disagree or disagree         1         1         2         4 (16.7)           "Most cancer treatment is worse than the cancer itself"         Strongly agree or agree         2         6         4         12 (50.0)           Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         2         1         2         5 (20.8)           "I would not want to know if I had cancer"         Strongly agree or agree         1         0         0         1 (4.2)           Neither disagree nor agree         1         1         0         2 (8.3)           Strongly disagree or disagree         5         7         4         16 (66.7)           Neither disagree nor agree         1         1         0         2 (8.3)           Strongly agree or disagree         2         1         3         6 (25.0)           "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase shared surviviries"         Strongly agree or agree         8         8         7         23 (95.8)           Neither disagree nor agree         0         1         0         1 (4.2)         0         0				•	
Strongly disagree or disagree         1         1         2         4 (16.7)           "Most cancer treatment is worse than the cancer itself"         Strongly agree or agree         2         6         4         12 (50.0)           Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         2         1         2         5 (20.8)           "I would not want to know if I had cancer"         ***         ***         ***         ***         1 (4.2)					
"Most cancer treatment is worse than the cancer itself"       Strongly agree or agree       2       6       4       12 (50.0)         Neither disagree nor agree       4       2       1       7 (29.2)         Strongly disagree or disagree       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       ***       ***       ***       \$**					• • •
Strongly agree or agree       2       6       4       12 (50.0)         Neither disagree nor agree       4       2       1       7 (29.2)         Strongly disagree or disagree       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       ***       ***       ***       ***       \$**       1 (4.2)       ***       1 (4.2)       ***       ***       1 (4.2)       ***       1 (4.2)       ***       1 (4.2)       ***       ***       2 (8.3)       ***       2 (8.3)       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       2 (8.3)       ***       ***       1 (6.66.7)       ***       ***       ***       4 (8.3)       ***       ***       4 (8.3)       ***       **       4 (8.3)       **       **       4 (8.3)       **       **       4 (8.3)       **       **       4 (8.3)       **       **       4 (8.3)       **       **       4 (8.3)       **       **       2 (8.3)			1	۷	+ (10.7)
Neither disagree nor agree         4         2         1         7 (29.2)           Strongly disagree or disagree         2         1         2         5 (20.8)           "I would not want to know if I had cancer"         ************************************					40 (50 0)
Strongly disagree or disagree       2       1       2       5 (20.8)         "I would not want to know if I had cancer"       3       0       0       1 (4.2)         Strongly agree or agree       1       0       0       2 (8.3)         Neither disagree nor agree       6       8       7       21 (87.5)         "Cancer can often be cured"       5       7       4       16 (66.7)         Neither disagree nor agree       1       1       0       2 (8.3)         Strongly disagree or disagree       2       1       3       6 (25.0)         "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"       Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       8       8       7       23 (95.8)         Neither disagree or disagree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"       3       2       2       7 (29.2)         Neither disagree or agree       3       2       2       7 (29.2)         Neither disagree or agree       3       2					
"I would not want to know if I had cancer"  Strongly agree or agree 1 0 0 0 1 (4.2) Neither disagree nor agree 1 1 0 0 2 (8.3) Strongly disagree or disagree 6 8 7 21 (87.5)  "Cancer can often be cured" Strongly agree or agree 5 7 4 16 (66.7) Neither disagree nor agree 1 1 0 0 2 (8.3) Strongly disagree or disagree 1 1 0 0 2 (8.3) Strongly disagree or disagree 1 1 0 0 2 (8.3) Strongly disagree or disagree 2 1 3 6 (25.0)  "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree 8 8 8 7 23 (95.8) Neither disagree nor agree 0 1 0 0 0 0 (0.0)  "A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2) Neither disagree nor agree 2 5 0 7 (29.2)					
Strongly agree or agree       1       0       0       1 (4.2)         Neither disagree nor agree       1       1       0       2 (8.3)         Strongly disagree or disagree       6       8       7       21 (87.5)         "Cancer can often be cured"       3       7       4       16 (66.7)         Neither disagree or agree       5       7       4       16 (66.7)         Neither disagree or disagree       1       1       0       2 (8.3)         Strongly disagree or disagree       2       1       3       6 (25.0)         "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"       Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       1       0       0 (0.0)         "A diagnosis of cancer is a death sentence"       3       2       2       7 (29.2)         Neither disagree or agree       3       2       2       7 (29.2)         Neither disagree or agree       3       2       2       7 (29.2)	Strongly disagree or disagree	2	1	2	5 (20.8)
Neither disagree nor agree       1       1       0       2 (8.3)         Strongly disagree or disagree       6       8       7       21 (87.5)         "Cancer can often be cured"       3       7       4       16 (66.7)         Strongly agree or agree       5       7       4       16 (66.7)         Neither disagree nor agree       1       1       0       2 (8.3)         "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"         Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"         Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       3       2       2       7 (29.2)         Neither disagree nor agree       3       2       2       7 (29.2)	"I would not want to know if I had cancer"				
Strongly disagree or disagree       6       8       7       21 (87.5)         "Cancer can often be cured"       "A diagree or agree or agree       1       1       0       2 (8.3)         Neither disagree or disagree       2       1       3       6 (25.0)         "Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"       Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       2       5       0       7 (29.2)	Strongly agree or agree	1	0	0	1 (4.2)
"Cancer can often be cured"  Strongly agree or agree 5 7 4 16 (66.7)  Neither disagree nor agree 1 1 0 0 2 (8.3)  Strongly disagree or disagree 2 1 3 6 (25.0)  "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree 8 8 8 7 23 (95.8)  Neither disagree nor agree 0 1 0 1 0 1 (4.2)  Strongly disagree or disagree 0 0 0 0 0 0 (0.0)  "A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2)  Neither disagree nor agree 2 5 0 7 (29.2)	Neither disagree nor agree	1	1	0	2 (8.3)
Strongly agree or agree       5       7       4       16 (66.7)         Neither disagree nor agree       1       1       0       2 (8.3)         Strongly disagree or disagree       2       1       3       6 (25.0)         "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"         Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"         Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       2       5       0       7 (29.2)	Strongly disagree or disagree	6	8	7	21 (87.5)
Strongly agree or agree       5       7       4       16 (66.7)         Neither disagree nor agree       1       1       0       2 (8.3)         Strongly disagree or disagree       2       1       3       6 (25.0)         "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"         Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"         Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       2       5       0       7 (29.2)	"Cancer can often he cured"				
Neither disagree nor agree 1 1 1 0 2 (8.3) Strongly disagree or disagree 2 1 3 6 (25.0)  "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree 8 8 8 7 23 (95.8) Neither disagree nor agree 0 1 0 1 0 1 (4.2) Strongly disagree or disagree 0 0 0 0 0 0 0 0 0.0)  "A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2) Neither disagree nor agree 2 5 0 7 (29.2)		5	7	Л	16 (66 7)
Strongly disagree or disagree  2 1 3 6 (25.0)  "Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree  8 8 8 7 23 (95.8)  Neither disagree nor agree  0 1 0 1 (4.2)  Strongly disagree or disagree  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
"Going to the doctor as quickly as possible after noticing a symptom of cancer could increase the chances of surviving"  Strongly agree or agree 8 8 8 7 23 (95.8)  Neither disagree nor agree 0 1 0 1 0 1 (4.2)  Strongly disagree or disagree 0 0 0 0 0 0 (0.0)  "A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2)  Neither disagree nor agree 2 5 0 7 (29.2)					
surviving"         Strongly agree or agree       8       8       7       23 (95.8)         Neither disagree nor agree       0       1       0       1 (4.2)         Strongly disagree or disagree       0       0       0       0 (0.0)         "A diagnosis of cancer is a death sentence"         Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       2       5       0       7 (29.2)					
Neither disagree nor agree0101 (4.2)Strongly disagree or disagree0000 (0.0)"A diagnosis of cancer is a death sentence"Strongly agree or agree3227 (29.2)Neither disagree nor agree2507 (29.2)		oticing a symptom o	of cancer could	increase the	e chances of
Strongly disagree or disagree 0 0 0 0 0 (0.0)  "A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2)  Neither disagree nor agree 2 5 0 7 (29.2)	Strongly agree or agree	8	8	7	23 (95.8)
"A diagnosis of cancer is a death sentence"  Strongly agree or agree 3 2 2 7 (29.2)  Neither disagree nor agree 2 5 0 7 (29.2)	Neither disagree nor agree	0	1	0	1 (4.2)
Strongly agree or agree       3       2       2       7 (29.2)         Neither disagree nor agree       2       5       0       7 (29.2)	Strongly disagree or disagree	0	0	0	0 (0.0)
Neither disagree nor agree 2 5 0 7 (29.2)	"A diagnosis of cancer is a death sentence"				
	Strongly agree or agree	3	2	2	7 (29.2)
Strongly disagree or disagree 3 2 5 10 (41.7)	Neither disagree nor agree	2	5	0	7 (29.2)
	Strongly disagree or disagree	3	2	5	10 (41.7)

Below or much below average	1	0	2	3 (12.5)
Same as always	3	9	2	14 (58.3)
Above or much above average	4	0	3	7 (29.2)
Thoughts and beliefs about screening				
"If I feel well, it is not necessary to have cancer s	screening"			
Strongly agree or agree	1	0	1	2 (8.3)
Neither disagree nor agree	1	1	0	2 (8.3)
Strongly disagree or disagree	6	8	6	20 (83.3)
"If I follow a healthy lifestyle such as a balanced regular screening"	diet and regular exerc	ise, I don't fee	el it is necess	sary to have
Strongly agree or agree	2	0	1	3 (12.5)
Neither disagree nor agree	0	1	0	1 (4.2)
Strongly disagree or disagree	6	8	6	20 (83.3)
"I see a doctor or have cancer screening only wh	nen I have a health pro	blem"		
Strongly agree or agree	3	3	3	9 (37.5)
Neither disagree nor agree	1	4	2	7 (29.2)
Strongly disagree or disagree	4	2	2	8 (33.3)
In general, how concerned are you about your p	rivacy while you are u	sing the interr	net?	
Extremely or very	2	2	0	4 (16.7)
Extremely or very  Moderately	2	2 4	0 4	4 (16.7) 11 (45.8)
				4 (16.7) 11 (45.8) 9 (37.5)
Moderately Slightly or not at all Are you concerned that you are asked for too m	3	4 3	4	11 (45.8) 9 (37.5)
Moderately Slightly or not at all Are you concerned that you are asked for too m	3	4 3	4	11 (45.8) 9 (37.5)
Moderately Slightly or not at all Are you concerned that you are asked for too m purchases online?	3 3 uch personal informat	4 3 ion when you	4 3 register or	11 (45.8) 9 (37.5) make
Moderately Slightly or not at all Are you concerned that you are asked for too m purchases online? Extremely or very	3 3 uch personal informat 2	4 3 ion when you 2	4 3 register or 1	11 (45.8) 9 (37.5) make 6 (25.0)
Moderately Slightly or not at all  Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all	3 3 uch personal informat 2 3 3	4 3 cion when you 2 5 2	4 3 register or 1 2 1	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5)
Moderately Slightly or not at all Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all	3 3 uch personal informat 2 3 3	4 3 cion when you 2 5 2	4 3 register or 1 2 1	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5)
Moderately Slightly or not at all  Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all  Are you concerned who might access your medi	3 3 uch personal informat 2 3 3 cal records electronica	4 3 ion when you 2 5 2 ally?	4 3 register or 1 2 1 4	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5) 9 (37.5)
Moderately Slightly or not at all Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all Are you concerned who might access your medi	3 3 uch personal informat 2 3 3 cal records electronica	4 3 sion when you 2 5 2 ally? 2	4 3 register or 1 2 1 4	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5) 9 (37.5)
Moderately Slightly or not at all  Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all  Are you concerned who might access your medi Extremely or very Moderately Slightly or not at all	3 3 uch personal informat 2 3 3 cal records electronica 1 1 6	4 3 sion when you 2 5 2 ally? 2	4 3 register or 1 2 1 4	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5) 9 (37.5) 5 (20.8) 4 (16.7)
Moderately Slightly or not at all  Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all  Are you concerned who might access your medi Extremely or very Moderately Slightly or not at all	3 3 uch personal informat 2 3 3 cal records electronica 1 1 6	4 3 sion when you 2 5 2 ally? 2	4 3 register or 1 2 1 4	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5) 9 (37.5) 5 (20.8) 4 (16.7)
Moderately Slightly or not at all  Are you concerned that you are asked for too m purchases online? Extremely or very Moderately Slightly or not at all  Are you concerned who might access your medi Extremely or very Moderately Slightly or not at all  Do you watch for ways to control what people so	3 3 uch personal informat 2 3 3 cal records electronica 1 1 6 end you online?	4 3 sion when you 2 5 2 ally? 2 1 6	4 3 register or 1 2 1 4 2 2 2 3	11 (45.8) 9 (37.5) make 6 (25.0) 9 (37.5) 9 (37.5) 5 (20.8) 4 (16.7) 15 (62.5)

## Supplementary Figure 1. Participants evaluation of the community juries.



Jury 1 (online) n=8; jury 2 (in-person) n=9; jury 3 (online) n=7 participants.