

Supplementary table D1

Age distribution by vignette (Involvement level/Decision/Course). Test for difference in distribution P= 0.965.

Involvement level/Decision/Course	Age 45-49	Age 50-54	Age 55-59	Age 60-64	Age 65-70
No involvement/No PSA/no PCa	26 (11%)	47 (20%)	47 (20%)	50 (21%)	68 (29%)
No involvement/No PSA/treatable PCa	27 (12%)	26 (12%)	52 (23%)	53 (24%)	64 (29%)
No involvement/No PSA/non treatable PCa	29 (14%)	39 (19%)	43 (21%)	42 (20%)	56 (27%)
No involvement/PSA/no PCa	30 (11%)	56 (21%)	52 (19%)	54 (20%)	75 (28%)
No involvement/PSA/treatable PCa	30 (12%)	49 (20%)	50 (20%)	49 (20%)	66 (27%)
No involvement/PSA/non treatable PCa	25 (12%)	37 (18%)	45 (21%)	42 (20%)	62 (29%)
Nudging against PSA/No PSA/no PCa	27 (12%)	49 (21%)	41 (18%)	52 (23%)	59 (26%)
Nudging against PSA/No PSA/treatable PCa	39 (16%)	43 (18%)	53 (22%)	53 (22%)	55 (23%)
Nudging against PSA/No PSA/non treatable PCa	25 (11%)	44 (19%)	46 (20%)	48 (21%)	67 (29%)
Nudging against PSA/PSA/no PCa	31 (13%)	48 (20%)	52 (22%)	59 (25%)	48 (20%)
Nudging against PSA/PSA/treatable PCa	33 (14%)	43 (19%)	43 (19%)	47 (20%)	64 (28%)
Nudging against PSA/PSA/non treatable PCa	34 (16%)	41 (19%)	39 (18%)	37 (17%)	66 (30%)
Neutral info/No PSA/no PCa	35 (16%)	35 (16%)	46 (20%)	43 (19%)	66 (29%)
Neutral info/No PSA/treatable PCa	28 (12%)	44 (19%)	50 (21%)	50 (21%)	61 (26%)
Neutral info/No PSA/non treatable PCa	32 (16%)	29 (14%)	34 (17%)	44 (22%)	62 (31%)
Neutral info/PSA/no PCa	26 (12%)	40 (18%)	41 (19%)	60 (27%)	52 (24%)
Neutral info/PSA/treatable PCa	27 (12%)	53 (23%)	55 (24%)	48 (21%)	47 (20%)
Neutral info/PSA/non treatable PCa	33 (15%)	37 (17%)	40 (18%)	45 (20%)	67 (30%)
Nudging for PSA/No PSA/no PCa	33 (14%)	41 (18%)	47 (21%)	51 (22%)	56 (25%)
Nudging for PSA/No PSA/treatable PCa	45 (20%)	43 (19%)	40 (17%)	44 (19%)	57 (25%)
Nudging for PSA/No PSA/non treatable PCa	32 (14%)	43 (19%)	42 (18%)	53 (23%)	60 (26%)
Nudging for PSA/PSA/no PCa	39 (19%)	40 (19%)	39 (19%)	37 (18%)	53 (25%)
Nudging for PSA/PSA/treatable PCa	36 (15%)	37 (16%)	54 (23%)	45 (19%)	66 (28%)
Nudging for PSA/PSA/non treatable PCa	28 (13%)	31 (14%)	48 (22%)	48 (22%)	65 (30%)
SDM/No PSA/no PCa	31 (12%)	43 (16%)	58 (22%)	54 (21%)	75 (29%)
SDM/No PSA/treatable PCa	29 (13%)	43 (19%)	50 (23%)	36 (16%)	63 (29%)
SDM/No PSA/non treatable PCa	27 (13%)	37 (18%)	46 (22%)	44 (21%)	56 (27%)
SDM/PSA/no PCa	30 (15%)	36 (18%)	40 (20%)	41 (21%)	49 (25%)
SDM/PSA/treatable PCa	39 (18%)	36 (17%)	40 (19%)	40 (19%)	59 (28%)
SDM/PSA/non treatable PCa	29 (15%)	35 (18%)	35 (18%)	37 (19%)	58 (30%)

Supplementary table D2

Home municipality type distribution by vignette (Involvement level/Decision/Course). Test for difference in distribution $P=0.651$.

Involvement level/Decision/Course	Urban	Rural	Urban-rural	Outskirts
No involvement/No PSA/no PCa	86 (36%)	74 (31%)	53 (22%)	25 (11%)
No involvement/No PSA/treatable PCa	98 (44%)	66 (30%)	33 (15%)	25 (11%)
No involvement/No PSA/non treatable PCa	89 (43%)	72 (34%)	32 (15%)	16 (8%)
No involvement/PSA/no PCa	116 (43%)	76 (28%)	46 (17%)	29 (11%)
No involvement/PSA/treatable PCa	110 (45%)	59 (24%)	45 (18%)	30 (12%)
No involvement/PSA/non treatable PCa	87 (41%)	67 (32%)	44 (21%)	13 (6%)
Nudging against PSA/No PSA/no PCa	85 (37%)	61 (27%)	59 (26%)	23 (10%)
Nudging against PSA/No PSA/treatable PCa	113 (47%)	67 (28%)	40 (16%)	23 (9%)
Nudging against PSA/No PSA/non treatable PCa	95 (41%)	73 (32%)	31 (13%)	31 (13%)
Nudging against PSA/PSA/no PCa	105 (44%)	70 (29%)	34 (14%)	29 (12%)
Nudging against PSA/PSA/treatable PCa	102 (44%)	68 (30%)	35 (15%)	25 (11%)
Nudging against PSA/PSA/non treatable PCa	93 (43%)	72 (33%)	34 (16%)	18 (8%)
Neutral info/No PSA/no PCa	93 (41%)	67 (30%)	41 (18%)	24 (11%)
Neutral info/No PSA/treatable PCa	100 (43%)	66 (28%)	43 (18%)	24 (10%)
Neutral info/No PSA/non treatable PCa	81 (40%)	64 (32%)	40 (20%)	16 (8%)
Neutral info/PSA/no PCa	89 (41%)	67 (31%)	47 (21%)	16 (7%)
Neutral info/PSA/treatable PCa	96 (42%)	72 (31%)	43 (19%)	19 (8%)
Neutral info/PSA/non treatable PCa	88 (40%)	81 (36%)	32 (14%)	21 (9%)
Nudging for PSA/No PSA/no PCa	99 (43%)	67 (29%)	40 (18%)	22 (10%)
Nudging for PSA/No PSA/treatable PCa	98 (43%)	70 (31%)	41 (18%)	20 (9%)
Nudging for PSA/No PSA/non treatable PCa	88 (38%)	66 (29%)	47 (20%)	29 (13%)
Nudging for PSA/PSA/no PCa	84 (40%)	64 (31%)	33 (16%)	27 (13%)
Nudging for PSA/PSA/treatable PCa	92 (39%)	84 (35%)	31 (13%)	31 (13%)
Nudging for PSA/PSA/non treatable PCa	94 (43%)	64 (29%)	36 (16%)	26 (12%)
SDM/No PSA/no PCa	102 (39%)	85 (33%)	40 (15%)	34 (13%)
SDM/No PSA/treatable PCa	101 (46%)	55 (25%)	44 (20%)	21 (10%)
SDM/No PSA/non treatable PCa	90 (43%)	57 (27%)	38 (18%)	25 (12%)
SDM/PSA/no PCa	81 (41%)	55 (28%)	36 (18%)	24 (12%)
SDM/PSA/treatable PCa	92 (43%)	68 (32%)	36 (17%)	18 (8%)
SDM/PSA/non treatable PCa	81 (42%)	65 (34%)	29 (15%)	19 (10%)

Supplementary table D3

Work status and civil status distribution by vignette (Involvement level/Decision/Course). Test for difference in distribution $P=0.118$ for work status and $P=0.460$ for civil status.

Involvement level/Decision/Course	Student	Unemployed	Working	Pension	Partner, living together	Partner, not living together	Single
No involvement/No PSA/no PCa	0 (0%)	7 (3%)	149 (63%)	82 (34%)	182 (76%)	14 (6%)	42 (18%)
No involvement/No PSA/treatable PCa	0 (0%)	9 (4%)	141 (64%)	72 (32%)	164 (74%)	12 (5%)	46 (21%)
No involvement/No PSA/non treatable PCa	0 (0%)	6 (3%)	135 (65%)	68 (33%)	164 (78%)	11 (5%)	34 (16%)
No involvement/PSA/no PCa	1 (0%)	8 (3%)	172 (64%)	86 (32%)	221 (83%)	11 (4%)	35 (13%)
No involvement/PSA/treatable PCa	2 (1%)	10 (4%)	162 (66%)	70 (29%)	183 (75%)	14 (6%)	47 (19%)
No involvement/PSA/non treatable PCa	1 (0%)	9 (4%)	134 (64%)	67 (32%)	173 (82%)	6 (3%)	32 (15%)
Nudging against PSA/No PSA/no PCa	0 (0%)	5 (2%)	152 (67%)	71 (31%)	180 (79%)	9 (4%)	39 (17%)
Nudging against PSA/No PSA/treatable PCa	0 (0%)	8 (3%)	170 (70%)	65 (27%)	199 (82%)	10 (4%)	34 (14%)
Nudging against PSA/No PSA/non treatable PCa	1 (0%)	6 (3%)	146 (63%)	77 (33%)	182 (79%)	9 (4%)	39 (17%)
Nudging against PSA/PSA/no PCa	0 (0%)	12 (5%)	172 (72%)	54 (23%)	188 (79%)	12 (5%)	38 (16%)
Nudging against PSA/PSA/treatable PCa	1 (0%)	4 (2%)	150 (65%)	75 (33%)	176 (77%)	16 (7%)	38 (17%)
Nudging against PSA/PSA/non treatable PCa	0 (0%)	8 (4%)	142 (65%)	67 (31%)	168 (77%)	10 (5%)	39 (18%)
Neutral info/No PSA/no PCa	0 (0%)	9 (4%)	154 (68%)	62 (28%)	171 (76%)	15 (7%)	39 (17%)
Neutral info/No PSA/treatable PCa	0 (0%)	5 (2%)	165 (71%)	63 (27%)	195 (84%)	10 (4%)	28 (12%)
Neutral info/No PSA/non treatable PCa	1 (0%)	12 (6%)	123 (61%)	65 (32%)	156 (78%)	8 (4%)	37 (18%)
Neutral info/PSA/no PCa	0 (0%)	12 (5%)	146 (67%)	61 (28%)	182 (83%)	9 (4%)	28 (13%)
Neutral info/PSA/treatable PCa	1 (0%)	16 (7%)	160 (70%)	53 (23%)	187 (81%)	10 (4%)	33 (14%)
Neutral info/PSA/non treatable PCa	2 (1%)	4 (2%)	146 (66%)	70 (32%)	172 (77%)	9 (4%)	41 (18%)
Nudging for PSA/No PSA/no PCa	0 (0%)	8 (4%)	156 (68%)	64 (28%)	173 (76%)	14 (6%)	41 (18%)
Nudging for PSA/No PSA/treatable PCa	0 (0%)	12 (5%)	155 (68%)	62 (27%)	188 (82%)	10 (4%)	31 (14%)
Nudging for PSA/No PSA/non treatable PCa	0 (0%)	14 (6%)	150 (65%)	66 (29%)	185 (80%)	7 (3%)	38 (17%)
Nudging for PSA/PSA/no PCa	0 (0%)	10 (5%)	137 (66%)	61 (29%)	169 (81%)	5 (2%)	34 (16%)
Nudging for PSA/PSA/treatable PCa	0 (0%)	15 (6%)	159 (67%)	64 (27%)	198 (83%)	9 (4%)	31 (13%)
Nudging for PSA/PSA/non treatable PCa	1 (0%)	4 (2%)	137 (62%)	78 (35%)	166 (75%)	15 (7%)	39 (18%)
SDM/No PSA/no PCa	0 (0%)	9 (3%)	168 (64%)	84 (32%)	216 (83%)	7 (3%)	38 (15%)
SDM/No PSA/treatable PCa	0 (0%)	9 (4%)	144 (65%)	68 (31%)	177 (80%)	9 (4%)	35 (16%)
SDM/No PSA/non treatable PCa	0 (0%)	4 (2%)	134 (64%)	72 (34%)	170 (81%)	17 (8%)	23 (11%)
SDM/PSA/no PCa	0 (0%)	10 (5%)	123 (63%)	63 (32%)	154 (79%)	8 (4%)	34 (17%)
SDM/PSA/treatable PCa	0 (0%)	2 (1%)	140 (65%)	72 (34%)	181 (85%)	10 (5%)	23 (11%)
SDM/PSA/non treatable PCa	0 (0%)	4 (2%)	123 (63%)	67 (35%)	150 (77%)	7 (4%)	37 (19%)

Supplementary table D4

Presence of chronic disease and experiences with prostate cancer distribution by vignette (Involvement level/Decision/Course). Test for difference in distribution $P=0.309$ for chronic disease and $P=0.338$ for experience with examination or tests for prostate cancer.

Involvement level/Decision/Course	No chronic disease	Chronic disease	No experience with PCa examination or test	PCa examination or test experience
No involvement/No PSA/no PCa	120 (50%)	118 (50%)	63 (26%)	175 (74%)
No involvement/No PSA/treatable PCa	117 (53%)	105 (47%)	44 (20%)	178 (80%)
No involvement/No PSA/non treatable PCa	123 (59%)	86 (41%)	38 (18%)	171 (82%)
No involvement/PSA/no PCa	166 (62%)	101 (38%)	50 (19%)	217 (81%)
No involvement/PSA/treatable PCa	133 (55%)	111 (45%)	55 (23%)	189 (77%)
No involvement/PSA/non treatable PCa	122 (58%)	89 (42%)	36 (17%)	175 (83%)
Nudging against PSA/No PSA/no PCa	133 (58%)	95 (42%)	47 (21%)	181 (79%)
Nudging against PSA/No PSA/treatable PCa	144 (59%)	99 (41%)	39 (16%)	204 (84%)
Nudging against PSA/No PSA/non treatable PCa	133 (58%)	97 (42%)	45 (20%)	185 (80%)
Nudging against PSA/PSA/no PCa	143 (60%)	95 (40%)	41 (17%)	197 (83%)
Nudging against PSA/PSA/treatable PCa	139 (60%)	91 (40%)	45 (20%)	185 (80%)
Nudging against PSA/PSA/non treatable PCa	136 (63%)	81 (37%)	44 (20%)	173 (80%)
Neutral info/No PSA/no PCa	126 (56%)	99 (44%)	43 (19%)	182 (81%)
Neutral info/No PSA/treatable PCa	130 (56%)	103 (44%)	48 (21%)	185 (79%)
Neutral info/No PSA/non treatable PCa	111 (55%)	90 (45%)	49 (24%)	152 (76%)
Neutral info/PSA/no PCa	120 (55%)	99 (45%)	45 (21%)	174 (79%)
Neutral info/PSA/treatable PCa	141 (61%)	89 (39%)	35 (15%)	195 (85%)
Neutral info/PSA/non treatable PCa	141 (64%)	81 (36%)	46 (21%)	176 (79%)
Nudging for PSA/No PSA/no PCa	136 (60%)	92 (40%)	48 (21%)	180 (79%)
Nudging for PSA/No PSA/treatable PCa	129 (56%)	100 (44%)	31 (14%)	198 (86%)
Nudging for PSA/No PSA/non treatable PCa	135 (59%)	95 (41%)	47 (20%)	183 (80%)
Nudging for PSA/PSA/no PCa	129 (62%)	79 (38%)	36 (17%)	172 (83%)
Nudging for PSA/PSA/treatable PCa	150 (63%)	88 (37%)	55 (23%)	183 (77%)
Nudging for PSA/PSA/non treatable PCa	137 (62%)	83 (38%)	53 (24%)	167 (76%)
SDM/No PSA/no PCa	155 (59%)	106 (41%)	57 (22%)	204 (78%)
SDM/No PSA/treatable PCa	134 (61%)	87 (39%)	39 (18%)	182 (82%)
SDM/No PSA/non treatable PCa	126 (60%)	84 (40%)	41 (20%)	169 (80%)
SDM/PSA/no PCa	112 (57%)	84 (43%)	38 (19%)	158 (81%)
SDM/PSA/treatable PCa	142 (66%)	72 (34%)	39 (18%)	175 (82%)
SDM/PSA/non treatable PCa	114 (59%)	80 (41%)	36 (19%)	158 (81%)