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Supplementary Table S1. Participant characteristics in the low and high complexity groups

	Low complexity group				High complexity group			
	1	2	3	4	1	2	3	4
Number of participants	106	58	70	71	16	11	10	13
	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)	No. (%)
Age-group								
<60 years	41 (38.7)	14 (24.1)	20 (28.6)	17 (23.9)	7 (43.8)	3 (27.3)	3 (30.0)	3 (23.1)
60–79 years	50 (47.2)	37 (63.8)	32 (45.7)	39 (54.9)	5 (31.3)	7 (63.6)	6 (60.0)	7 (53.9)
≥80 years	15 (14.2)	7 (12.1)	18 (25.7)	15 (21.1)	4 (25.0)	1 (9.1)	1 (10.0)	3 (23.1)
Sex								
Female	58 (54.7)	29 (50.0)	30 (42.9)	24 (33.8)	8 (50.0)	4 (36.4)	5 (50.0)	5 (38.5)
Male	48 (45.3)	29 (50.0)	40 (57.1)	47 (66.2)	8 (50.0)	7 (63.6)	5 (50.0)	8 (61.5)
Marital status								
Married	88 (83.0)	44 (75.9)	45 (64.3)	46 (64.8)	5 (31.3)	7 (63.6)	7 (70.0)	4 (30.8)
Single	7 (6.6)	5 (8.6)	4 (5.7)	6 (8.5)	2 (12.5)	2 (18.2)	1 (10.0)	1 (7.7)
Divorced or widowed	11 (10.4)	9 (15.5)	21 (30.0)	19 (26.8)	9 (56.3)	2 (18.2)	2 (20.0)	8 (61.5)
Living status								
Not living alone	95 (89.6)	51 (87.9)	59 (84.3)	52 (73.2)	9 (56.3)	10 (90.9)	8 (80.0)	5 (38.5)
Living alone	11 (10.4)	7 (12.1)	11 (15.7)	19 (26.8)	7 (43.8)	1 (9.1)	2 (20.0)	8 (61.5)
Education								
Elementary or junior high school	44 (41.5)	26 (44.8)	44 (62.9)	43 (60.6)	9 (56.3)	6 (54.6)	8 (80.0)	7 (53.9)
High school or junior high school under the old system	37 (34.9)	23 (40.0)	18 (25.7)	22 (31.0)	5 (31.3)	4 (36.4)	1 (10.0)	5 (38.5)
Vocational school, junior college, technical school, university, college, graduate school, or other	25 (23.6)	9 (15.5)	8 (11.4)	6 (8.5)	2 (12.5)	1 (9.1)	1 (10.0)	1 (7.7)
Work status								
Working	101 (95.3)	54 (93.1)	63 (90.0)	57 (80.3)	10 (62.5)	8 (72.7)	7 (70.0)	7 (53.9)
Not working	5 (4.7)	4 (6.9)	7 (10.0)	14 (19.7)	6 (37.5)	3 (27.3)	3 (30.0)	6 (46.2)

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Public assistance								
Not receiving	106 (100.0)	58 (100.0)	70 (100.0)	68 (95.8)	13 (81.3)	10 (90.9)	9 (90.0)	11 (84.6)
Receiving	0 (0.0)	0 (0.0)	0 (0.0)	3 (4.2)	3 (18.8)	1 (9.1)	1 (10.0)	2 (15.4)
Physical activity								
Exercising	19 (17.9)	10 (17.2)	7 (10.0)	15 (21.1)	0 (0.0)	1 (9.1)	1 (10.0)	0 (0.0)
Not exercising	87 (82.1)	48 (82.8)	63 (90.0)	56 (78.9)	16 (100.0)	10 (90.9)	9 (90.0)	13 (100.0)
Smoking status								
Ex-smoker/never smoker	98 (92.5)	54 (93.1)	59 (84.3)	57 (80.3)	12 (75.0)	9 (81.8)	7 (70.0)	9 (69.2)
Current smoker	8 (7.6)	4 (6.9)	11 (15.7)	14 (19.7)	4 (25.0)	2 (18.2)	3 (30.0)	4 (30.8)
Alcohol intake								
No problematic drinking	79 (74.5)	37 (63.8)	48 (68.6)	45 (63.4)	12 (75.0)	7 (63.6)	7 (70.0)	9 (69.2)
Problematic drinking	27 (25.5)	21 (36.2)	22 (31.4)	26 (36.2)	4 (25.0)	4 (36.4)	3 (30.0)	4 (30.8)
ICPC-2								
General and unspecified	0 (0.0)	0 (0.0)	0 (0.0)	1 (1.4)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Blood, blood forming organs and immune mechanism	3 (2.8)	3 (5.2)	1 (1.4)	1 (1.4)	0 (0.0)	0 (0.0)	1 (10.0)	1 (7.7)
Digestive	21 (19.8)	14 (24.1)	11 (15.7)	16 (22.5)	1 (6.3)	3 (27.3)	3 (30.0)	6 (46.2)
Eye	6 (5.7)	2 (3.5)	11 (15.7)	7 (9.9)	2 (12.5)	2 (18.2)	2 (20.0)	3 (23.1)
Ear	1 (0.9)	4 (6.9)	4 (5.7)	5 (7.0)	0 (0.0)	1 (9.1)	1 (10.0)	0 (0.0)
Cardiovascular	76 (71.7)	49 (84.5)	57 (81.4)	55 (77.5)	15 (93.8)	10 (90.9)	10 (100.0)	9 (69.2)
Musculoskeletal	29 (27.4)	19 (32.8)	29 (41.4)	20 (28.2)	7 (43.8)	2 (18.2)	5 (50.0)	4 (30.8)
Neurological	8 (7.6)	6 (10.3)	22 (31.4)	18 (25.4)	8 (50.0)	5 (45.5)	4 (40.0)	2 (15.4)
Psychological	5 (4.7)	3 (5.2)	5 (7.1)	14 (19.7)	3 (18.8)	2 (18.2)	3 (30.0)	8 (61.5)
Respiratory	7 (6.6)	2 (3.5)	5 (7.1)	7 (9.9)	3 (18.8)	1 (9.1)	2 (20.0)	1 (7.7)
Skin	6 (5.7)	1 (1.7)	4 (5.7)	5 (7.0)	2 (12.5)	0 (0.0)	0 (0.0)	0 (0.0)

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Endocrine/metabolic and nutritional	62 (58.5)	42 (72.4)	51 (72.9)	54 (76.1)	9 (56.3)	11 (100.0)	9 (90.0)	10 (76.9)
Urological	12 (11.3)	1 (1.7)	4 (5.7)	4 (5.6)	1 (6.3)	1 (9.1)	2 (20.0)	0 (0.0)
Pregnancy, childbearing, family planning	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)
Genital (female genital and male genital)	6 (5.7)	4 (6.9)	6 (8.6)	5 (7.0)	1 (6.3)	0 (0.0)	2 (20.0)	1 (7.7)
Social problems	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)	0 (0.0)

We designated the low complexity 1, low complexity 2, low complexity 3, and low complexity 4 groups as ≤17, >17 and ≤19, >19 and ≤22, and >22 and ≤27 of the Patient Centered Assessment Method (PCAM) total scores, respectively. We designated the high complexity 1, high complexity 2, high complexity 3, and high complexity 4 groups as >27 and ≤29, >29 and ≤31, >31 and ≤33, and >33 of the PCAM total scores, respectively.

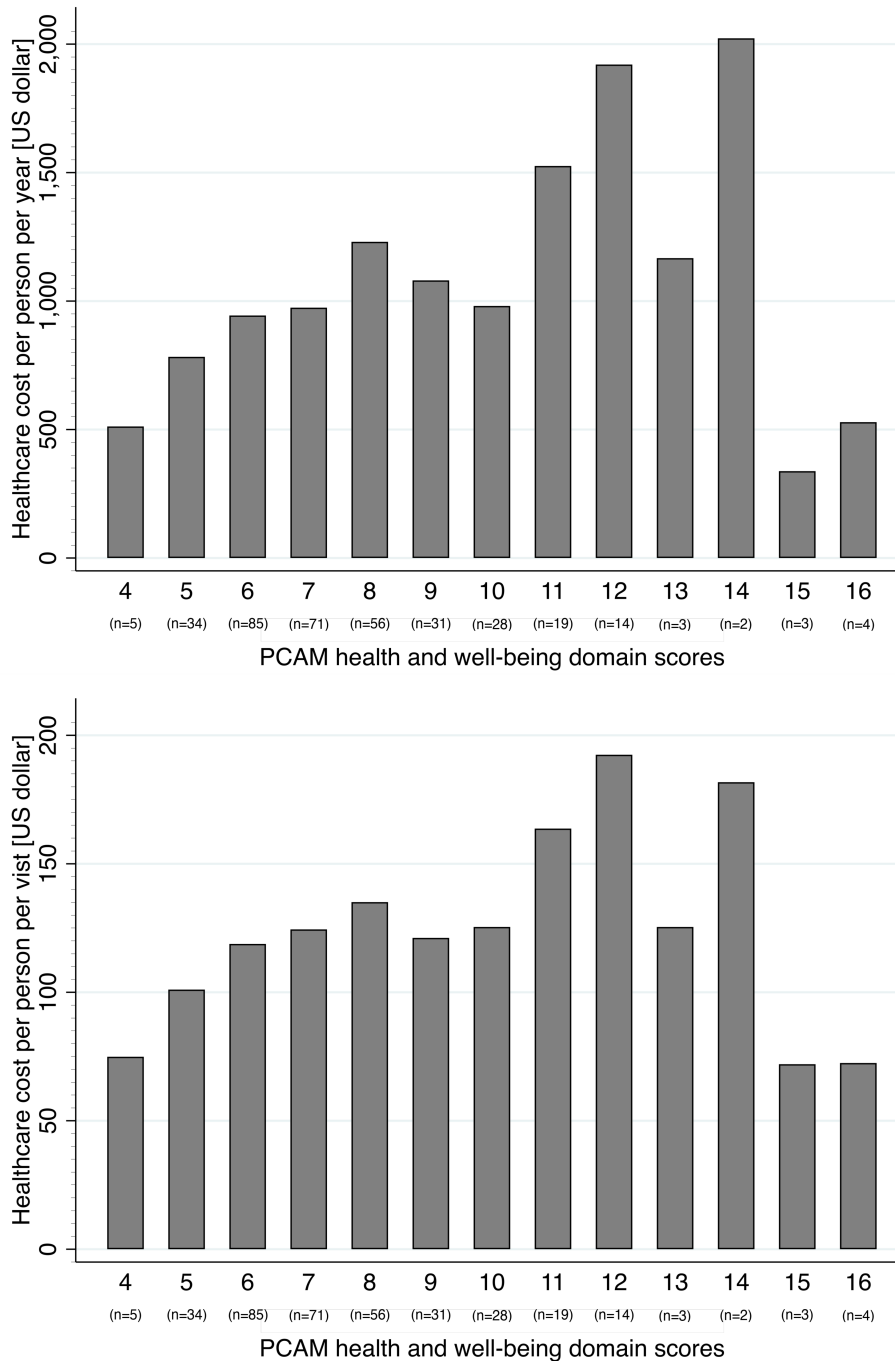ICPC-2, International Classification of Primary Care, 2nd edition.

Figure S1. Healthcare costs per person per year/visit and PCAM health and well-being domain scores.
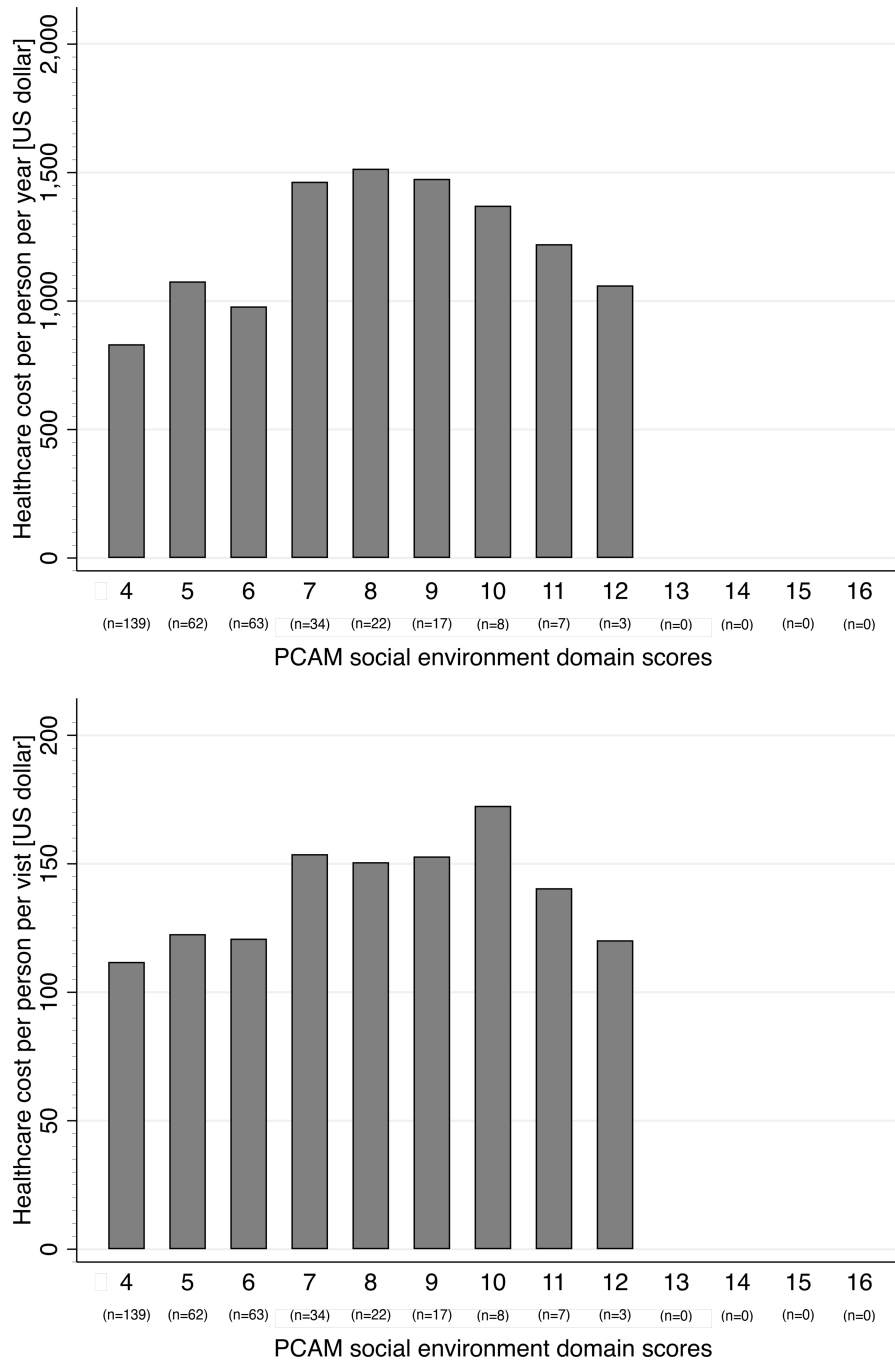PCAM, Patient Centered Assessment Method.

Figure S2. Healthcare costs per person per year/visit and PCAM social environment domain scores.
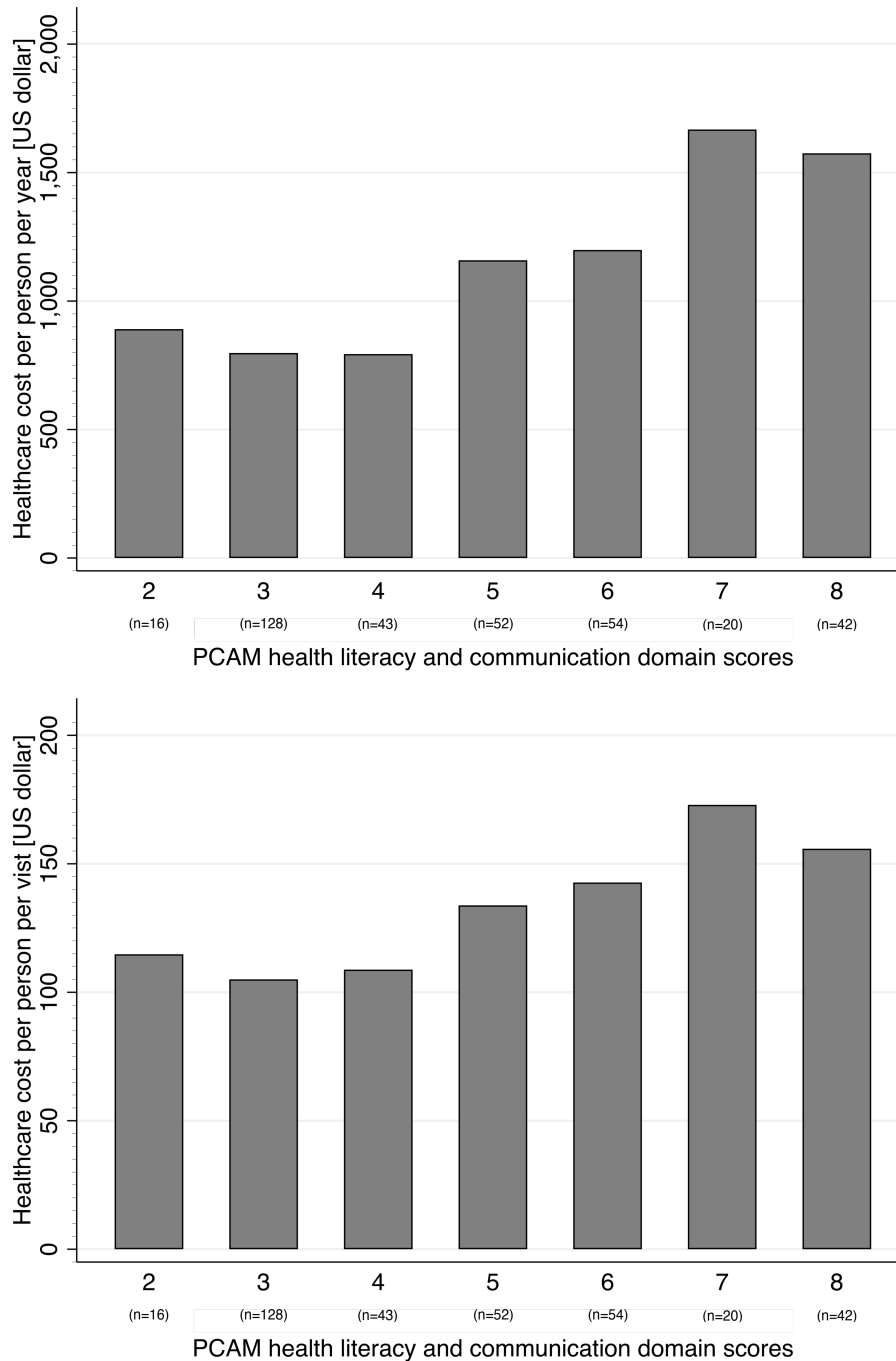PCAM, Patient Centered Assessment Method.

Figure S3. Healthcare costs per person per year/visit and PCAM health literacy and communication domain scores.
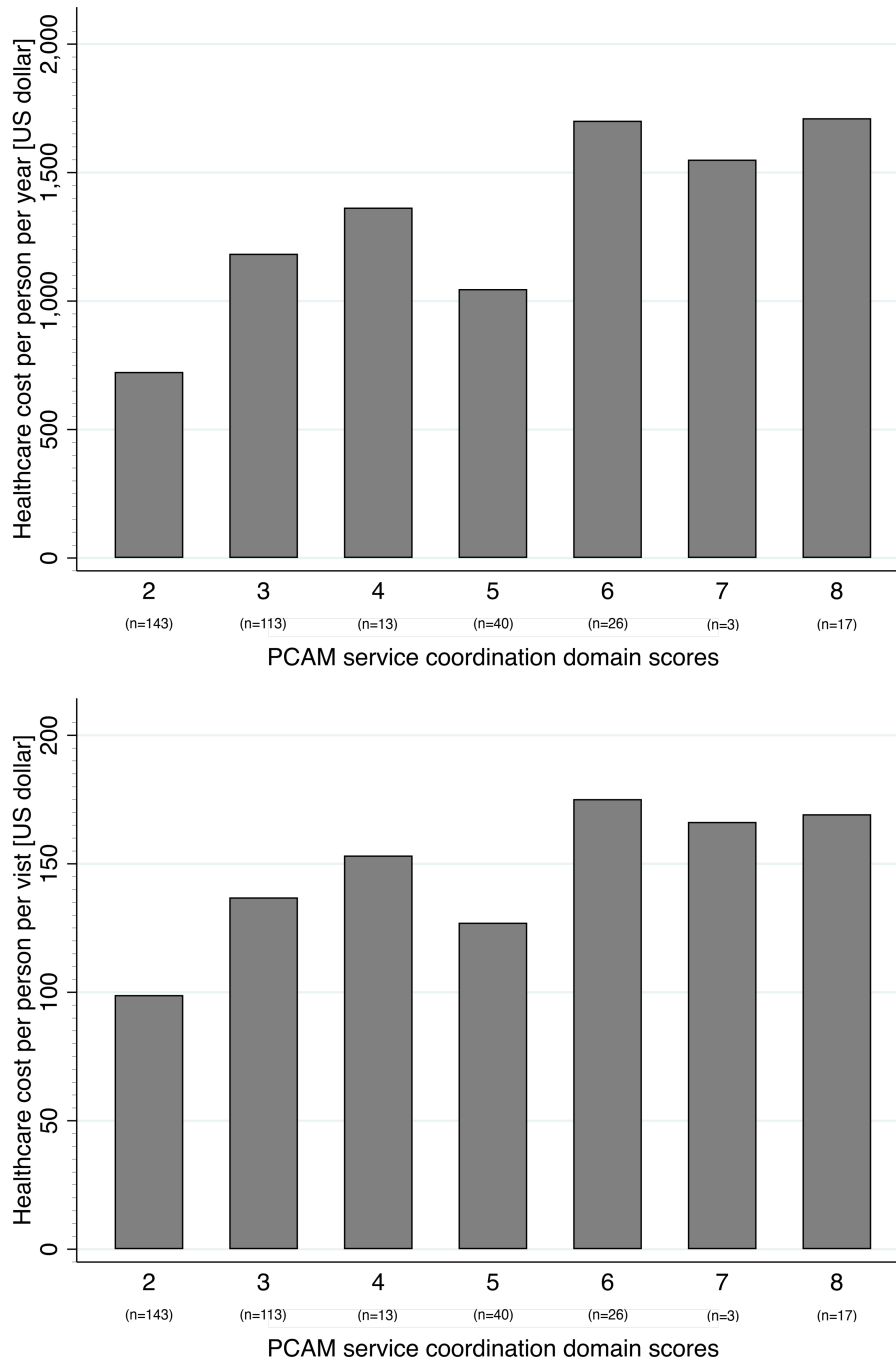PCAM, Patient Centered Assessment Method.

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Figure S4. Healthcare costs per person per year/visit and service coordination domain scores.
PCAM, Patient Centered Assessment Method.