

Table A1. determinants of primary care utilization in public facilities in the past month

Variables	Odds ratio (95% CI)	P-value	Odds ratio (95% CI)	P-value
Age group	ref: 5-14		ref: male 5-14	
<5	2.432 (1.972, 3.000)	<0.001	2.300 (1.712, 3.089)	<0.001
15-39	0.371 (0.310, 0.445)	<0.001	0.247 (0.186, 0.327)	<0.001
40-59	0.717 (0.600, 0.856)	<0.001	0.460 (0.352, 0.602)	<0.001
≥60	1.015 (0.811, 1.271)	0.894	0.782 (0.566, 1.082)	0.138
Gender	ref: male		ref: male 5-14 (vs. female 5-14)	
Female	1.585 (1.403, 1.791)	0.000	0.996 (0.768, 1.291)	0.975
Age_group#gender			ref: male 5-14	
<5#Female			1.102 (0.724, 1.678)	0.650
15-39#Female			2.071 (1.429, 3.001)	<0.001
40-59#Female			2.187 (1.537, 3.111)	<0.001
≥60#Female			1.669 (1.102, 2.527)	0.016
Location	ref: urban			
rural	0.764 (0.589, 0.992)	0.044	0.766 (0.590, 0.995)	0.046
Completed secondary school	0.812 (0.691, 0.954)	0.011	0.826 (0.702, 0.971)	0.021
Insurance of household head	ref: JKN contributor			
No insurance	0.997 (0.782, 1.270)	0.978	1.003 (0.787, 1.280)	0.978
JKN subsidy ^a	1.940 (1.573, 2.393)	<0.001	1.961 (1.589, 2.419)	<0.001
Private health insurance ^b	0.338 (0.152, 0.753)	0.008	0.339 (0.152, 0.756)	0.008
Self-rated health	ref: very healthy			
<i>Somewhat healthy</i>	2.436 (2.079, 2.856)	<0.001	2.425 (2.069, 2.843)	<0.001
<i>Somewhat unhealthy</i>	6.815 (5.516, 8.420)	<0.001	6.719 (5.436, 8.305)	<0.001
<i>Unhealthy</i>	10.588 (6.466, 17.338)	<0.001	10.510 (6.408, 17.236)	<0.001
Proportion employed within household	ref: <20%			
20 – 50%	0.902 (0.757, 1.075)	0.250	0.901 (0.756, 1.074)	0.243
>50%	0.738 (0.576, 0.945)	0.016	0.735 (0.573, 0.941)	0.015
Wealth quantile	ref: 1 poorest			
2	0.910 (0.718, 1.153)	0.435	0.907 (0.716, 1.150)	0.420
3	0.803 (0.626, 1.030)	0.084	0.799 (0.623, 1.025)	0.077
4	0.918 (0.713, 1.182)	0.507	0.913 (0.709, 1.176)	0.480
5 richest	0.827 (0.623, 1.098)	0.189	0.826 (0.622, 1.098)	0.188
Constant	0.012 (0.008, 0.018)	<0.001	0.015 (0.010, 0.023)	<0.001
Variance at group level	Variance	VPC	Variance	VPC
<i>Between-district</i>	0.121	0.03	0.122	0.03
<i>Within-district-between-household</i>	1.1614	0.25	1.168	0.26

a. Includes those covered by PBI and Jamkesda

b. Includes those with private insurance and self-managed insurance

JKN, Jaminan Kesehatan Nasional; VPC, variance partition coefficient

Table A2. determinants of primary care utilization in private health facilities in the past month

Variables	Odds ratio (95% CI)	P-value	Odds ratio (95% CI)	P-value
Age group	ref: 5-14		ref: male 5-14	
<5	2.559 (2.177, 3.008)	0.000	2.350 (1.881, 2.936)	0.000
15-39	0.464 (0.403, 0.533)	0.000	0.342 (0.279, 0.419)	0.000
40-59	0.972 (0.849, 1.113)	0.681	0.763 (0.630, 0.925)	0.006
≥60	1.191 (1.003, 1.414)	0.046	0.928 (0.729, 1.180)	0.540
Gender	ref: male		ref: male 5-14 (vs. female 5-14)	
Female	1.205 (1.101, 1.320)	0.000	0.835 (0.679, 1.026)	0.086
Age_group#gender			ref: male 5-14	
<5#Female			1.182 (0.855, 1.634)	0.313
15-39#Female			1.784 (1.349, 2.359)	0.000
40-59#Female			1.603 (1.228, 2.093)	0.001
≥60#Female			1.642 (1.192, 2.262)	0.002
Location	ref: urban			
rural	1.058 (0.878, 1.275)	0.553	1.061 (0.881, 1.279)	0.531
Completed secondary school	0.939 (0.838, 1.051)	0.272	0.948 (0.846, 1.062)	0.354
Insurance of household head	ref: JKN contributor			
No insurance	0.904 (0.780, 1.049)	0.184	0.906 (0.781, 1.051)	0.192
JKN subsidy ^a	0.691 (0.599, 0.796)	0.000	0.693 (0.601, 0.799)	0.000
Private health insurance ^b	1.336 (0.965, 1.850)	0.081	1.337 (0.965, 1.852)	0.081
Self-rated health	ref: very healthy			
<i>Somewhat healthy</i>	2.341 (2.088, 2.624)	0.000	2.339 (2.087, 2.622)	0.000
<i>Somewhat unhealthy</i>	6.161 (5.261, 7.215)	0.000	6.119 (5.224, 7.167)	0.000
<i>Unhealthy</i>	9.356 (6.355, 13.773)	0.000	9.284 (6.303, 13.676)	0.000
Proportion employed within household	ref: <20%			
20 – 50%	1.070 (0.946, 1.210)	0.280	1.069 (0.945, 1.208)	0.290
>50%	1.339 (1.143, 1.570)	0.000	1.341 (1.144, 1.572)	0.000
Wealth quantile	ref: 1 poorest			
2	1.326 (1.109, 1.586)	0.002	1.324 (1.107, 1.584)	0.002
3	1.349 (1.124, 1.620)	0.001	1.348 (1.122, 1.619)	0.001
4	1.434 (1.191, 1.728)	0.000	1.431 (1.187, 1.724)	0.000
5 richest	1.446 (1.183, 1.767)	0.000	1.444 (1.182, 1.765)	0.000
Constant	0.031 (0.023, 0.041)	0.000	0.036 (0.027, 0.049)	0.000
Variance at group level	Variance	VPC	Variance	VPC
<i>Between-district</i>	0.121	0.03	0.122	0.03
<i>Within-district-between-household</i>	1.161	0.25	1.168	0.26

c. Includes those covered by PBI and Jamkesda

d. Includes those with private insurance and self-managed insurance

JKN, Jaminan Kesehatan Nasional; VPC, variance partition coefficient