

Zrubka Z, Brito Fernandes O, Baji P, Hajdu O, Kovács L, Kringos D; Klazinga N, Gulácsi L, Brodszky V, Rencz F, Péntek M. eHealth Literacy and Patient-Reported Experiences with Outpatient Care in the Hungarian General Adult Population: A Cross-Sectional Survey Study. *J Med Internet Res.* 2020

## Multimedia Appendix 5

### Regression analyses of unmet medical needs and waiting times PREM scores

Model	Square root Unmet Medical Needs Score		Any Unmet Medical Needs		Any Waiting Problem	
	Robust <sup>p</sup>		Logistic		Logistic	
	Beta	P value	Beta	P value	Beta	P value
<b>eHEALS<sup>e</sup></b>						
2nd quartile	-0.05	.58	-0.08	.79	-0.02	.94
3rd quartile	-0.15	.06	-0.57	.05	0.23	.42
4th quartile	-0.08	.38	-0.41	.19	0.07	.81
<b>Age group<sup>f</sup></b>						
25-44 years old	-0.09	.41	-0.84	.05	-0.31	.45
45-64 years old	-0.29	.02	-1.45	.002	-0.96	.03
65+ years old	-0.26	.06	-1.27	.01	-1.34	.007
<b>Education<sup>g</sup></b>						
Secondary	0.05	.52	0.12	.66	-0.31	.25
Tertiary	-0.24	.006	-0.87	.005	-0.22	.46
<b>Gender</b>						
Male	-0.11	.1	-0.31	.19	-0.52	.02
<b>Income<sup>h</sup></b>						
2nd quintile	-0.03	.78	-0.16	.64	-0.08	.82
3rd quintile	-0.23	.04	-0.72	.08	-0.45	.26
4th quintile	-0.10	.39	-0.29	.42	-0.24	.52
5th quintile	-0.24	.02	-0.83	.01	-0.05	.89
<b>Paid employment</b>						
Yes	-0.05	.51	-0.34	.23	-0.21	.44
<b>Family status</b>						
Married / domestic partnership	0.07	.28	0.26	.26	-0.45	.05
<b>Residence<sup>i</sup></b>						
City	-0.08	.27	-0.37	.19	0.49	.09
Village	-0.03	.78	0.05	.89	0.31	.37
<b>Self-perceived health<sup>j</sup></b>						
Very bad	0.64	.009	-	-	1.77	.21
Bad	0.45	.01	1.82	.006	1.15	.06
Fair	0.21	.13	1.15	.04	0.76	.13
Good	0.11	.39	0.81	.11	0.40	.39
<b>GALI<sup>k</sup></b>						
Limited but not severely	0.17	.02	0.50	.04	0.72	.003
Severely limited	0.33	.04	0.91	.049	0.58	.19
<b>Chronic morbidity</b>						
Yes	0.16	.04	0.45	.12	0.33	.25
<b>Setting<sup>l</sup></b>						
Public specialist	0.22	.22	0.74	.21	-0.07	.9
Private specialist	0.43	.03	1.21	.08	-0.34	.59
<b>HCP type<sup>m</sup></b>						
Specialist	-0.27	.12	-0.74	.21	0.29	.6
Other	-	-	-	-	-	-
<b>Usual HCP</b>						
Yes	0.05	.54	0.37	.23	0.72	.02
<b>Constant</b>	0.66	.002	-0.03	.97	-1.56	.04
<b>n</b>	484		481		505	
LR <sup>n</sup> test F(28;455)	7.15	<.001				
LR test Chi-square (27)			114.1	<.001		
LR test Chi-square (28)					74.8	<.001
R <sup>2</sup>	0.23					
Ramsey RESET test F(3;452)	1.77	.15				
GOF <sup>o</sup> test Chi-square (447)			488.9	.08		
GOF test Chi-square (462)					482.8	.33

<sup>a</sup>Office waiting time was a problem

<sup>b</sup>Appointment waiting time was a problem

<sup>c</sup>Log-office waiting time

<sup>d</sup>Log- appointment waiting time

<sup>e</sup>Base: 1st quartile

<sup>f</sup>Base: 18-24 years old

<sup>g</sup>Base: Primary

<sup>h</sup>Base: 1st quintile

<sup>i</sup>Base: Capital

<sup>j</sup>Base: Very goodr

<sup>k</sup>Base: Not limited

<sup>l</sup>Base: General practitioner

<sup>m</sup>Base: General practitioner

<sup>n</sup>Likelihood ratio; omnibus test for independence, current model versus null model

<sup>o</sup>Goodness of fit, Hosmer-Lemeshow test

<sup>p</sup>Ordinary least squares regression with robust standard errors