Brito Fernandes et al.: Self-reported waiting times for outpatient health care services in Hungary

## **Online supplement**

Table S1. Univariate logistic regression of individuals' socioeconomic characteristics and waiting times.

VARIABLES         OR (95% CI)         OR (95% CI)           Provider         -         (Baseline)           Family doctor         -         0.044 (0.406-1.022)           Private specialist         -         0.127 ** (0.001-0533)           Sc         -         0.127 ** (0.0101-0533)           Female         (Baseline)         (Baseline)           Male         0.892 (0.544-1.463)         0.850 (0.511-1.337)           Age group         -         0.746 (0.287-1.941)           25:34         0.014 (0.163-1.048)         1.272 (0.639-2.532)           35:44         0.322** (0.144-0.747)         1.333 (0.713-2.723)           45:54         0.903 (0.415-1.963)         1.239 (0.578-2.660)           55:64         0.624 (0.409-1.660)         1.104 (0.532-207)           65+         (Baseline)         (Baseline)           Marital stats         -         -           Married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment status         -         -           tus         -         -           job         0.669 (0.268-1.219)         0.780 (0.457-1.332)           Tetriary         0.822 (0.434-1.507)         0.715 (0.411-1.243)           Iconse quintile		Waited more than 30 days for an appointment with a public specialist	Waited more than 2 hours in the doc- tor's office
Provider           Public specialist         -         (Baseline)           Family doctor         -         0.644 (0.406-1.022)           Private specialist         -         0.127 ** (0.0301-0.533)           Sex         -         0.127 ** (0.0301-0.533)           Sex         -         0.892 (0.544-1.463)         0.850 (0.541-1.337)           Male         0.892 (0.542-1.472)         0.746 (0.287-1.941)         2.5-34           2.5-34         0.414 (0.163-1.048)         1.127 (0.679-2.532)           43-54         0.900 (0.415-1.963)         1.239 (0.578-2.660)           53-54         0.904 (0.415-1.963)         1.239 (0.578-2.660)           53-54         0.903 (0.568-1.566)         0.1104 (0.53-2.277)           65*         (Baseline)         (Baseline)           Marial status         -         -           Not married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta-         -         -           tus         -         -           With out a paid         (baseline)         (Baseline)           feacation         -         -           Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)	VARIABLES	OR (95% CI)	OR (95% CI)
Public specialist         -         (Baseline)           Family doctor         -         0.644 (0.406-1.022)           Private specialist         -         0.127 ** (0.0301-0.533)           Sex         -         0.127 ** (0.0301-0.533)           Female         (Baseline)         (Baseline)           Male         0.892 (0.544-1.463)         0.880 (0.541-1.337)           Age group         -         1.8-24         0.532 (0.192-1.472)         0.746 (0.287-1.941)           2.5-34         0.414 (0.163-1.048)         1.272 (0.639-2.532)         3.5.44         0.322** (0.144-0.747)         1.939 (0.738-2.73)           3.5-44         0.322** (0.144-0.747)         1.939 (0.738-2.660)         5.5-64         0.824 (0.409-1.660)         1.104 (0.535-2.277)           6.5-         (Baseline)         (Baseline)         (Baseline)         Marital status           Not married         (Baseline)         (Baseline)         (Baseline)           mployment sta-         tus         -         1.171 (0.748-1.832)           Education         -         -         1.171 (0.748-1.832)           Vith a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)         -           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.32)         - <td>Provider</td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td>	Provider	· · · · · · · · · · · · · · · · · · ·	
Family doctor       -       0.644 (0.406-1.022)         Private specialist       -       0.127 ** (0.0301-0.533)         Sex       -       0.127 ** (0.0301-0.533)         Female       (Baseline)       (Baseline)         Male       0.892 (0.544-1.463)       0.8050 (0.541-1.337)         Age group       -       0.746 (0.287-1.941)         25-34       0.532 (0.192-1.472)       0.746 (0.392-2.532)         25-34       0.327 ** (0.144-0.747)       1.393 (0.713-2.723)         45-54       0.903 (0.415-1.963)       1.239 (0.578-2.660)         55-64       0.824 (0.409-1.660)       1.104 (0.532-2.277)         65*       (Baseline)       (Baseline)         Marital status       -       -         Not married       0.943 (0.58-1.566)       0.738 (0.467-1.166)         Employment sta-       -       -         tus       -       -       -         Vithout a paid       (Baseline)       (Baseline)       -         job       0.480 ** (0.283-0.814)       1.171 (0.748-1.832)       -         Education       -       -       -       -         Primary       (Baseline)       (Baseline)       -       -       -       - <tr< td=""><td>Public specialist</td><td>_</td><td>(Baseline)</td></tr<>	Public specialist	_	(Baseline)
Private specialist         - $0.127 ** (0.0301-0.533)$ Sex         -         0.127 ** (0.0301-0.533)           Sex         -         0.882 (0.544-1.463)         0.8850 (0.541-1.337)           Male         0.892 (0.544-1.463)         0.850 (0.541-1.337)           Age group         -         0.746 (0.287-1.941)           25-34         0.414 (0.163-1.048)         1.272 (0.639-2.532)           35-44         0.327* (0.144-0.747)         1.333 (0.713-2.723)           45-54         0.903 (0.415-1.963)         1.239 (0.532-2.660)           55-64         0.824 (0.409-1.660)         1.104 (0.535-2.277)           65+         (Baseline)         (Baseline)           Marited status         -         -           Not married         (0.842 (0.409-1.660)         0.738 (0.467-1.166)           Employment sta-         -         -           tus         -         -         -           Without a paid         (Baseline)         (Baseline)         -           job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education         -         -         -           Termary         (Baseline)         (Baseline)         -           job         0.480 **	Family doctor	_	0.644 (0.406–1.022)
Sex         Image: Baseline (Baseline)         Baseline (Baseline)         Baseline (Baseline)           Male         0.892 (0.544-1.463)         0.850 (0.541-1.337)           Age group         0.11         0.746 (0.287-1.941)           18-24         0.532 (0.192-1.472)         0.746 (0.287-1.941)           25-34         0.414 (0.163-1.048)         1.272 (0.639-2.532)           35-44         0.327** (0.144-0.747)         1.393 (0.713-2.723)           45-54         0.924 (0.409-1.660)         1.104 (0.535-2.277)           65+         (Baseline)         (Baseline)           Married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta-         1         1.014 (0.535-2.277)           bit         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta-         1         1.014 (0.535           yob         (Baseline)         (Baseline)           yob         0.669 (0.368-1.566)         0.738 (0.467-1.332)           Education         1.171 (0.748-1.832)         1.171 (0.748-1.832)           Education         1.171 (0.748-1.832)         0.559 (0.252-1.240)           Secondary         0.669 (0.368-1.219)         0.758 (0.457-1.332)           Tertiary         0.827 (0.454-2.570)         0.515 (0	Private specialist	_	0.127 ** (0.0301–0.533)
Female         (Baseline)         (Baseline)           Male         0.892 (0.544-1.463)         0.850 (0.541-1.337)           Age group	Sex		
Male         0.892 (0.544-1.463)         0.850 (0.541-1.337)           Age group	Female	(Baseline)	(Baseline)
Age group           18-24 $0.532 (0.192-1.472)$ $0.746 (0.287-1.941)$ 25-34 $0.414 (0.165-1.048)$ $1.272 (0.639-2.532)$ 35-44 $0.327** (0.144-0.747)$ $1.393 (0.713-2.723)$ 45-54 $0.903 (0.415-1.963)$ $1.239 (0.578-2.660)$ 55-64 $0.824 (0.409-1.660)$ $1.104 (0.535-2.277)$ 65*         (Baseline)         (Baseline)           Marital status	Male	0.892 (0.544–1.463)	0.850 (0.541–1.337)
18-24 $0.532 (0.192-1.472)$ $0.746 (0.287-1.941)$ 25-34 $0.414 (0.163-1.048)$ $1.272 (0.639-2.532)$ 35-44 $0.327^* (0.144-0.747)$ $1.339 (0.713-2.723)$ 45-54 $0.903 (0.415-1.963)$ $1.239 (0.578-2.660)$ 55-64 $0.824 (0.409-1.660)$ $1.104 (0.535-2.277)$ 65+       (Baseline)       (Baseline)         Marital status           Not married       (Baseline)       (Baseline)         Married $0.943 (0.568-1.566)$ $0.738 (0.467-1.166)$ Employment status           tus        (Baseline)       (Baseline)         With out a paid igob $0.480 ** (0.283-0.814)$ $1.171 (0.748-1.832)$ Education            Primary       (Baseline)       (Baseline)          Secondary $0.669 (0.368-1.219)$ $0.780 (0.457-1.332)$ Tertary $0.827 (0.454-1.507)$ $0.718 (0.457-1.332)$ Tertary $0.827 (0.454-1.507)$ $0.718 (0.445-1.037)$ 1 (lowest)       (Baseline)       (Baseline)          2 $0.49$	Age group		
25:34       0.414 (0.163-1.048)       1.272 (0.639-2.532)         35:44       0.327** (0.144-0.747)       1.393 (0.713-2.723)         35:54       0.903 (0.415-1.963)       1.239 (0.758-2.660)         55:64       0.824 (0.409-1.660)       1.104 (0.535-2.277)         65*       (Baseline)       (Baseline)         Marital status       (Baseline)       (Baseline)         Married       0.943 (0.568-1.566)       0.738 (0.467-1.166)         Employment sta- tus       (Baseline)       (Baseline)         Without a paid job       (Baseline)       (Baseline)         With a paid job       0.480 ** (0.283-0.814)       1.171 (0.748-1.832)         Education       (Baseline)       (Baseline)         Primary       (Baseline)       (Baseline)         Secondary       0.669 (0.368-1.219)       0.780 (0.457-1.332)         Tertiary       0.827 (0.454-1.507)       0.715 (0.411-1.243)         Income quintile       (Baseline)       (Baseline)         1       (lowest)       (Baseline)       (Baseline)         2       0.494 (0.206-1.183)       0.559 (0.252-1.240)         3       1.188 (0.547-2.570)       0.515 (0.244-1.087)         4       0.293 ** (0.115-0.745)       0.429 * (0.240-0.900)	18-24	0.532 (0.192–1.472)	0.746 (0.287–1.941)
35-44 $0.327^{**}$ ( $0.144-0.747$ ) $1.393$ ( $0.713-2.723$ )         45-54 $0.903$ ( $0.415-1.963$ ) $1.239$ ( $0.578-2.660$ )         55-64 $0.824$ ( $0.409-1.660$ ) $1.104$ ( $0.535-2.277$ )         65*       (Baseline)       (Baseline)         Martial status       (Baseline)       (Baseline)         Married $0.943$ ( $0.568-1.566$ ) $0.738$ ( $0.467-1.166$ )         Employment stature       (Baseline)       (Baseline)         ius       (Baseline)       (Baseline)         With a paid job $0.480^{**}$ ( $0.283-0.814$ ) $1.171$ ( $0.748-1.832$ )         Education       Primary       (Baseline)       (Baseline)         Secondary $0.669$ ( $0.368-1.219$ ) $0.780$ ( $0.457-1.32$ )         Tertiary $0.827$ ( $0.454-1.507$ ) $0.715$ ( $0.411-1.243$ )         Income quintile       1       1 (lowest)       (Baseline)       (Baseline)         2 $0.494$ ( $0.206-1.183$ ) $0.559$ ( $0.252-1.240$ )       3         3 $1.185$ ( $0.547-2.570$ ) $0.515$ ( $0.244-1.087$ )         4 $0.293^{**}$ ( $0.115-0.745$ ) $0.429^{*}$ ( $0.204-0.900$ )         5 (highest) $0.957$ ( $0.445-2.054$ ) $0.879$ ( $0.248-1.728$ )         EQos D-51 index <td>25-34</td> <td>0.414 (0.163–1.048)</td> <td>1.272 (0.639–2.532)</td>	25-34	0.414 (0.163–1.048)	1.272 (0.639–2.532)
45:54       0.903 (0.415–1.963)       1.239 (0.578–2.660)         55-64       0.824 (0.409–1.660)       1.104 (0.535–2.277)         65+       (Baseline)       (Baseline)         Marital status       (Baseline)       (Baseline)         Marited       0.943 (0.568–1.566)       0.738 (0.467–1.166)         Employment sta- tus       (Baseline)       (Baseline)         Without a paid       (Baseline)       (Baseline)         job       0.480 ** (0.283–0.814)       1.171 (0.748–1.832)         Education       Primary       (Baseline)       (Baseline)         Secondary       0.669 (0.368–1.219)       0.780 (0.457–1.332)         Tertiary       0.827 (0.454–1.507)       0.715 (0.411–1.243)         Income guintile       1       1       1.00xest)       (Baseline)         1 (lowest)       (Baseline)       (Baseline)       2       0.494 (0.206–1.183)       0.559 (0.252–1.240)         2       0.494 (0.206–1.183)       0.559 (0.252–1.240)       3       1.185 (0.547–2.570)       0.515 (0.244–1.087)         4       0.293 ** (0.115–0.745)       0.429 * (0.204–0.900)       5 (highest)       0.957 (0.445–2.054)       0.879 (0.448–1.728)         EQ-5D-5L index       EQ       EQ-5D-5L index       EQ       EQ	35-44	0.327** (0.144–0.747)	1.393 (0.713–2.723)
55-64 $0.824 (0.409-1.660)$ $1.104 (0.535-2.277)$ 65+         (Baseline)         (Baseline)           Martial status         (Baseline)         (Baseline)           Not married $0.943 (0.568-1.566)$ $0.738 (0.467-1.166)$ Employment sta- tus         (Baseline)         (Baseline)           Without a paid job         (Baseline)         (Baseline)           With a paid job $0.480 ** (0.283-0.814)$ $1.171 (0.748-1.832)$ Education         (Baseline)         (Baseline)           Primary         (Baseline)         (Baseline)           Secondary $0.669 (0.368-1.219)$ $0.780 (0.457-1.332)$ Tertiary $0.827 (0.454-1.507)$ $0.715 (0.411-1.243)$ Income quintile         (Baseline)         (Baseline)         (Baseline)           1 (lowest)         (Baseline) $0.559 (0.252-1.240)$ $3$ 1 (lowest)         (Baseline) $0.559 (0.252-1.240)$ $3$ 1 (lowest)         (Baseline) $0.515 (0.244-0.900)$ $5$ (highest) $0.0957 (0.445-2.054)$ $0.879 (0.448-1.728)$ EQ-SD-5L index         EQ         EQ $0.429 * (0.204-0.900)$ $5$ (highest)	45-54	0.903 (0.415–1.963)	1.239 (0.578–2.660)
65+         (Baseline)         (Baseline)           Marital status         (Baseline)         (Baseline)           Not married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta- tus         (Baseline)         (Baseline)           Without a paid         (Baseline)         (Baseline)           job         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education         (Baseline)         (Baseline)           Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.332)           Tertiary         0.827 (0.454-1.507)         0.715 (0.411-1.243)           Income quintile         1         1         1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206-1.183)         0.559 (0.252-1.240)         3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)         4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)         5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)         EQ-5D-51 index         EQ-5D-51 index         EQ-5D-51 index         EQ-5D-51 index         EQ-5D-51 (0.	55-64	0.824 (0.409–1.660)	1.104 (0.535–2.277)
Marital status           Not married         (Baseline)         (Baseline)           Married         0.943 (0.568–1.566)         0.738 (0.467–1.166)           Employment sta- tus         Composition         Composition           Without a paid job         (Baseline)         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283–0.814)         1.171 (0.748–1.832)           Education           Baseline)         (Baseline)           Primary         (Baseline)         (Baseline)         (Baseline)           Secondary         0.669 (0.368–1.219)         0.780 (0.457–1.332)            Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)            Income quintile               1 (lowest)         (Baseline)         (Baseline)         (Baseline)             2         0.494 (0.206–1.183)         0.559 (0.252–1.240)              3         1.185 (0.547–2.570)         0.515 (0.244–1.087)              4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900) <t< td=""><td>65+</td><td>(Baseline)</td><td>(Baseline)</td></t<>	65+	(Baseline)	(Baseline)
Not married         (Baseline)         (Baseline)           Married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta- tus         (Baseline)         (Baseline)           Without a paid         (Baseline)         (Baseline)           job         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education             Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.332)           Tertiary         0.827 (0.454-1.507)         0.715 (0.411-1.243)           Income quintile           1 (lowest)         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)         0.559 (0.252-1.240)         3           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)         4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)         5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)         EQ-5D-5L index           EQ-5D-5L index                Below median         0.886 (0.538-1.459)         0.761 (0.481-1.206)          <	Marital status		
Married         0.943 (0.568-1.566)         0.738 (0.467-1.166)           Employment sta- tus         U           Without a paid job         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education         (Baseline)         (Baseline)           Primary         (Baseline)         0.780 (0.457-1.332)           Education         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.332)           Tertiary         0.827 (0.454-1.507)         0.715 (0.411-1.243)           Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206-1.183)         0.559 (0.252-1.240)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-SD-SL index         E         E           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement         U	Not married	(Baseline)	(Baseline)
Employment sta- tus           Without a paid job         (Baseline)         (Baseline)           With a paid job $0.480 ** (0.283-0.814)$ $1.171 (0.748-1.832)$ Education         (Baseline)         (Baseline)           Primary         (Baseline)         (Baseline)           Secondary $0.669 (0.368-1.219)$ $0.780 (0.457-1.332)$ Tertiary $0.827 (0.454-1.507)$ $0.715 (0.411-1.243)$ Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2 $0.494 (0.206-1.183)$ $0.559 (0.252-1.240)$ 3 $1.185 (0.547-2.570)$ $0.518 (0.244-1.087)$ 4 $0.293 ** (0.115-0.745)$ $0.429 * (0.204-0.900)$ 5 (highest) $0.957 (0.445-2.054)$ $0.879 (0.448-1.728)$ EQ-SD-SL index         U           Below median         (Baseline)         (Baseline)           Above median $0.886 (0.538-1.459)$ $0.761 (0.481-1.206)$ Settlement         U         U         U           Village         (Baseline)         (Baseline)           Capital $0.740 (0.348-1.574)$	Married	0.943 (0.568–1.566)	0.738 (0.467–1.166)
tus           Without a paid job         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education             Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.332)           Tertiary         0.827 (0.454-1.507)         0.715 (0.411-1.243)           Income quintile             1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206-1.183)         0.559 (0.252-1.240)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement              Village         (Baseline)         (Baseline)         (Baseline)           Capital         0.740 (0.348-1.574)         0.689 (0.324-1.466)         Other cities	Employment sta-		
Without a paid job         (Baseline)         (Baseline)           With a paid job         0.480 ** (0.283-0.814)         1.171 (0.748-1.832)           Education             Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368-1.219)         0.780 (0.457-1.332)           Tertiary         0.827 (0.454-1.507)         0.715 (0.411-1.243)           Income quintile             1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206-1.183)         0.559 (0.252-1.240)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348-1.574)         0.689 (0.324-1.466)           Other cities         1.175 (0.642-2.150)         1.263 (0.715-2.229)	tus		
With a paid job         0.480 ** (0.283–0.814)         1.171 (0.748–1.832)           Education         (Baseline)         (Baseline)           Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368–1.219)         0.780 (0.457–1.332)           Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)           Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index         EQ         EQ           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         Uilage         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)         Other cities           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.29)         Region           Central Hungary         (Basel	Without a paid job	(Baseline)	(Baseline)
Education           Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368–1.219)         0.780 (0.457–1.332)           Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)           Income quintile         (Baseline)         0           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index         Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)         Settlement           Village         (Baseline)         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)         Other cities           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.29)         Region           Central Hungary         (Baseline)         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           N	With a paid job	0.480 ** (0.283-0.814)	1.171 (0.748–1.832)
Primary         (Baseline)         (Baseline)           Secondary         0.669 (0.368–1.219)         0.780 (0.457–1.332)           Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)           Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index         E         E           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         U         U           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.29)           Region         Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North	Education		
Secondary         0.669 (0.368–1.219)         0.780 (0.457–1.332)           Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)           Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region              Central Hungary         (Baseline)         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         0.774 (	Primary	(Baseline)	(Baseline)
Tertiary         0.827 (0.454–1.507)         0.715 (0.411–1.243)           Income quintile         (Baseline)         (Baseline)           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index         (Baseline)         (Baseline)           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region           Central Hungary         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)         0.849 (0.467–1.543)	Secondary	0.669 (0.368–1.219)	0.780 (0.457–1.332)
Income quintile           1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206–1.183)         0.559 (0.252–1.240)           3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-51 index         EQ-5D-51 index         EQ-5D-51 index           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         Village         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)         (Baseline)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         0.774 (0.435–1.377)         1.393 (0.828–2.341)	Tertiary	0.827 (0.454–1.507)	0.715 (0.411–1.243)
1 (lowest)         (Baseline)         (Baseline)           2         0.494 (0.206-1.183)         0.559 (0.252-1.240)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348-1.574)         0.689 (0.324-1.466)           Other cities         1.175 (0.642-2.150)         1.263 (0.715-2.229)           Region             Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435-1.377)         1.393 (0.828-2.341)           North         1.050 (0.568-1.941)         0.849 (0.467-1.543)	Income quintile		
2         0.494 (0.206-1.183)         0.559 (0.252-1.240)           3         1.185 (0.547-2.570)         0.515 (0.244-1.087)           4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348-1.574)         0.689 (0.324-1.466)           Other cities         1.175 (0.642-2.150)         1.263 (0.715-2.229)           Region             Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435-1.377)         1.393 (0.828-2.341)           North         0.774 (0.568-1.941)         0.849 (0.467-1.543)	1 (lowest)	(Baseline)	(Baseline)
3         1.185 (0.547–2.570)         0.515 (0.244–1.087)           4         0.293 ** (0.115–0.745)         0.429 * (0.204–0.900)           5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region             Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         0.774 (0.435–1.377)         1.393 (0.828–2.341)	2	0.494 (0.206–1.183)	0.559 (0.252–1.240)
4         0.293 ** (0.115-0.745)         0.429 * (0.204-0.900)           5 (highest)         0.957 (0.445-2.054)         0.879 (0.448-1.728)           EQ-5D-5L index             Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538-1.459)         0.761 (0.481-1.206)           Settlement             Village         (Baseline)         (Baseline)           Capital         0.740 (0.348-1.574)         0.689 (0.324-1.466)           Other cities         1.175 (0.642-2.150)         1.263 (0.715-2.229)           Region             Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435-1.377)         1.393 (0.828-2.341)           North         1.050 (0.568-1.941)         0.849 (0.467-1.543)	3	1.185 (0.547–2.570)	0.515 (0.244–1.087)
5 (highest)         0.957 (0.445–2.054)         0.879 (0.448–1.728)           EQ-5D-5L index         (Baseline)         (Baseline)           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         1.050 (0.568–1.941)         0.849 (0.467–1.543)	4	0.293 ** (0.115–0.745)	0.429 * (0.204–0.900)
EQ-5D-5L index           Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         1.050 (0.568–1.941)         0.849 (0.467–1.543)	5 (highest)	0.957 (0.445–2.054)	0.879 (0.448–1.728)
Below median         (Baseline)         (Baseline)           Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         1.050 (0.568–1.941)         0.849 (0.467–1.543)	EQ-5D-5L index		
Above median         0.886 (0.538–1.459)         0.761 (0.481–1.206)           Settlement         (Baseline)         (Baseline)           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         0.050 (0.568–1.941)         0.849 (0.467–1.543)	Below median	(Baseline)	(Baseline)
Settlement           Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         0.050 (0.568–1.941)         0.849 (0.467–1.543)	Above median	0.886 (0.538–1.459)	0.761 (0.481–1.206)
Village         (Baseline)         (Baseline)           Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Settlement		
Capital         0.740 (0.348–1.574)         0.689 (0.324–1.466)           Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Village	(Baseline)	(Baseline)
Other cities         1.175 (0.642–2.150)         1.263 (0.715–2.229)           Region         (Baseline)         (Baseline)           Central Hungary         (Baseline)         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Capital	0.740 (0.348–1.574)	0.689 (0.324–1.466)
Region           Central Hungary         (Baseline)         (Baseline)           Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Other cities	1.175 (0.642–2.150)	1.263 (0.715–2.229)
Central Hungary         (Baseline)         (Baseline)           Great Plain and         0.774 (0.435–1.377)         1.393 (0.828–2.341)           North         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Region		
Great Plain and North         0.774 (0.435–1.377)         1.393 (0.828–2.341)           Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Central Hungary	(Baseline)	(Baseline)
Transdanubia         1.050 (0.568–1.941)         0.849 (0.467–1.543)	Great Plain and North	0.774 (0.435–1.377)	1.393 (0.828–2.341)
	Transdanubia	1.050 (0.568–1.941)	0.849 (0.467–1.543)

OR: odds ratio. Robust 95% confidence intervals (CI) in parentheses, \* p < 0.05, \*\* p < 0.01, \*\*\* p <

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0.001, Constants are not presented.

**Table S2.** Univariate logistic regression of individuals' socioeconomic characteristics and perceiving waiting time as a problem.

	Was the time you waited for the appoint-	Was the time you waited to be seen at a doc-
	ment a problem for you?	tor's office a problem for you?
VARIABLES	OR (95% CI)	OR (95% CI)
Waiting time for an ap-		
pointment		
Next day	(Baseline)	
days) (2-5	0.726 (0.217–2.430)	
Less than a week (6-7 days)	) 1.260 (0.356–4.464)	
Over 1 week (8-14 days)	2.625 (0.815-8.452)	
Over 2 weeks (15-30 days)	3.920 * (1.354–11.35)	
Over 1 month (31-60 days)	6.160 *** (2.093–18.13)	
Over 2 months (61-90 days)	) 5.843 ** (1.893–18.03)	
Over 3 months or more (91 days and more)	10.34 *** (3.168–33.74)	
Waiting time at the doc- tor's office		
Up to half an hour (15– 30min)		(Baseline)
Up to an hour (30–60 min)		3.526 *** (1.922-6.471)
Between 1 and 2 hours		7.200 *** (3.916–13.24)
Between 2 and 4 hours		10.00 *** (5.106–19.60)
Between 4 and 8 hours		96.78 *** (11.91–786.1)
Provider		
Public specialist	(Baseline)	(Baseline)
Family doctor	0.906 (0.526–1.559)	1.097 (0.752–1.602)
Private specialist	0.537 (0.272–1.063)	1.046 (0.477–2.291)
Sex		
Female	(Baseline)	(Baseline)
Male	0.523 ** (0.327–0.839)	0.759 (0.525–1.098)
Age group		
18-24	0.907 (0.338–2.435)	2.509 * (1.241–5.073)
25-34	1.877 (0.970–3.633)	3.472 *** (1.920–6.278)
35-44	1.520 (0.766–3.017)	2.298 ** (1.293-4.085)
45-54	1.530 (0.690–3.390)	1.998 * (1.039–3.839)
55-64	1.669 (0.827–3.369)	1.512 (0.814–2.809)
65+	(Baseline)	(Baseline)
Marital status		
Not married	(Baseline)	(Baseline)
Married	1.253 (0.770–2.039)	1.395 (0.940–2.070)
Employment status		
Without a paid job	(Baseline)	(Baseline)
With a paid job	1.134 (0.725–1.776)	1.419 (0.983–2.050)
Education		
Primary	(Baseline)	(Baseline)
Secondary	0.593 (0.343–1.026)	0.859 (0.555–1.331)
Tertiary	0.580* (0.337–0.997)	0.805 (0.508–1.273)

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Income quintile		
1 (lowest)	(Baseline)	(Baseline)
2	1.034 (0.488–2.189)	0.441 * (0.231–0.842)
3	0.736 (0.355–1.526)	0.402 ** (0.217-0.744)
4	0.804 (0.398-1.622)	0.499 * (0.278–0.897)
5 (highest)	0.422 * (0.193-0.923)	0.661 (0.358–1.223)
EQ-5D-5L index		
Below median	(Baseline)	(Baseline)
Above median	0.556 * (0.353–0.877)	0.756 (0.519–1.101)
Settlement		
Village	(Baseline)	(Baseline)
Capital	0.607 (0.307–1.199)	0.743 (0.419–1.317)
Other cities	0.686 (0.394–1.192)	1.006 (0.631–1.603)
Region		
Central Hungary	(Baseline)	(Baseline)
Great Plain and North	1.267 (0.745–2.154)	1.321 (0.853–2.047)
Central Hungary	1.291 (0.729–2.285)	0.980 (0.615–1.563)

OR: odds ratio. Robust 95% confidence intervals (CI) in parentheses, \* p < 0.05, \*\* p < 0.01, \*\*\* p < 0.001, Constants are not presented.