

## Supplementary file 1.

*General practice characteristics of data set 2 and of the three general practice groups of dataset 2*

	<b>Data set 2 (total) (n=429)</b>	<b>GP's that did not register any email- consultations (n=211)</b>	<b>GP's that registered a few (&lt;100)email-consultations (n=175)</b>	<b>GP's that registered many (≥100)email-consultations (n=43)</b>
Average number of registered patients per general practice	3752.2 (sd=2387.4)	3371.5 (sd=1735.625)	3975.7 (sd=2593.1)	4710.8 (sd=3645.1)
n general practice consultations	4 207 538	1 811 720	1 856 205	539 613
n patients that had a general practice consultation	1 177 123	511 947	516 039	149 137
Level of urbanization				
- <i>Very urban</i>	89 (20.8%)	31 (14.7%)	47 (26.9%)	11 (25.6%)
- <i>High</i>	96 (22.4%)	40 (19.0%)	42 (24.0%)	14 (32.6%)
- <i>Moderate</i>	84 (19.6%)	39 (18.5%)	35 (20.0%)	10 (23.3%)
- <i>Little</i>	85 (19.8%)	54 (25.6%)	27 (15.4%)	4 (9.3%)
- <i>Not urban</i>	73 (17.0%)	47 (22.3%)	22 (12.6%)	4 (9.3%)
- <i>Missing</i>	2 (0.5%)		2 (1.1%)	
Age of the study population	43.1 (sd=23.5)	43.9 (sd=23.6)	42.4 (sd=23.4)	42.3 (sd=23.0)
Gender (% male) of the study population	532 217 (45.2%)	232 793 (45.5%)	232 466 (45.1%)	66 958 (44.9%)
NSES of the study population	.08 (sd=1.10)	.03 (sd=1.02)	.05 (sd=1.19)	.37 (sd=.98)

## Supplementary file 2.

*General practice characteristics of data set 3 and of the three general practice groups of dataset 3 (patients with diabetes)*

	<b>Data set 3 (total) (n=429)</b>	<b>GPs that did not register any email- consultations for diabetes (n=351)</b>	<b>GPs that registered a few (&lt;25) email-consultations for diabetes (n=69)</b>	<b>GPs that registered many (≥25) email-consultations for diabetes (n=9)</b>
Average number of registered patients per general practice	3752.2 (sd=2387.4)	3486.7 (sd=1982.2)	4661.5 (sd=3227.4)	7132.6 (4627.6)
n general practice consultations for diabetes	80 867	59 170	17 630	4 067
n patients that performed a general practice consultation for diabetes	37409	28 397	7 149	1 863
Level of urbanization				
- <i>Very urban</i>	89 (20.8%)	66 (18.8%)	21 (30.4%)	2 (22.2%)
- <i>High</i>	96 (22.4%)	74 (21.1%)	19 (27.5%)	3 (33.3%)
- <i>Moderate</i>	84 (19.6%)	68 (19.4%)	15 (21.7%)	1 (11.1%)
- <i>Little</i>	85 (19.8%)	75 (21.4%)	9 (13.0%)	1 (11.1%)
- <i>Not urban</i>	73 (17.0%)	66 (18.8%)	5 (7.3%)	2 (22.2%)
- <i>Missing</i>	2 (0.5%)	2 (0.6%)		
Age of the study population	66.4 (sd=13.7)	66.5 (sd=13.7)	66.4 (sd=13.77)	64.7 (sd=13.15)
Gender (% male) of the study population	19 263 (51.5%)	14 640 (51.6%)	3 583 (50.1%)	1 040 (55.8%)
NSES of the study population	-.15 (sd=1.14)	-.19 (sd=1.16)	-.16 (sd=1.08)	.43 (sd=.73)