Supplemental material

Table 1: Frequencies of preventive care for the DM and non-DM cohort and all p-values for the linear regression analyses. Frequencies preventive care for the over 50 years DM and the over 50 years Non-DM cohort and all p-values for the linear regression analyses.

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| --- | --- | --- | --- | --- | --- | --- |
| **Variable name** | **DM (n=678)** | **Non-DM (n=15,093)** | **p-value** | **Over 50 years DM (n=592)** | **Over 50 years Non-DM (n=6,689)** | **p-value** |
| Screening of blood cholesterol-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 610 (90,0%)51 (7,5%)5 (0,7%)6 (0,9%)6 (0,9%) | 8,425 (55,8%)3,951 (26,2%)856 (5,7%)766 (5,1%)1,095 (7,3%) | <0,001 | 540 (90,0%)37 (7,5%)5 (0,7%)4 (0,9%)6 (0,9%) | 4,595 (68,7%)1,459 (21,8%)259 (3,9%)226 (3,4%)150 (2,2%) | <0,001 |
| Screening of blood glucose-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 625 (92,2%)47 (7,0%)2 (0,3%)3 (0,4%)1 (0,1%) | 8,633 (57,2%)3,875 (25,7%)849 (5,6%)809 (5,4%)927 (6,1%) | <0,001 | 552 (91,2%)35 (5,9%)1 (0,2%)3 (0,5%)1 (0,2%) | 4,619 (69,1%)1,390 (20,8%)271 (4,1%)213 (3,9%)196 (2,9%) | <0,001 |
| Last blood pressure measurement-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 617 (91,0%)52 (7,7%)4 (0,6%)3 (0,4%)2 (0,3%) | 10,334 (68,5%)3,324 (22,0%)698 (4,6%)566 (3,8%)171 (1,1%) | <0,001 | 544 (91,9%)40 (6,8%)3 (0,5%)3 (0,5%)2 (0,3%) | 5,156 (77,1%)1,076 (16,1%)227 (3,3%)183 (2,7%)47 (0,7%) | <0,001 |
| Last test for occult blood in feces-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | 221 (32,6%)116 (17,1%)47 (6,9%)140 (20,6%)154 (22,7%) | 3,335 (22,1%)1,970 (13,1%)1,125 (7,5%)2,708 (18,0%)5,955 (39,5%) | <0,001 | 202 (34,1%)106 (17,9%)43 (7,3%)129 (21,8%)112 (18,9%) | 2,225 (33,3%)1,141 (17,1%)666 (10,0%)1,251 (18,7%)1,406 (21,2%) | >1 |
| Last colonoscopy-in the last 12 months-in the last 1-5 years-in the last 5-10 years-over 10 years ago-never | 76 (11,2%)206 (30,4%)67 (10,0%)37 (5,5%)292 (43,1%) | 1,027 (6,8%)2,655 (17,6%)1,065 (7,1%)607 (4,0%)9,379 (62,1%) | <0,001 | 70 (11,8%)200 (33,8%)60 (10,1%)34 (5,7%)228 (38,5%) | 796 (11,9%)2,011 (30,1%)717 (10,7%)348 (5,2%)2,871 (42,9%) | >1 |
| Last mammography-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | (women=321)117 (36,4%)73 (22,7%)30 (9,3%)63 (19,6%)38 (11,8%) | (women=8,465)2,621 (31,0%)1,624 (19,2%)761 (9,0%)1,006 (11,9%)2,462 (28,7%) | <0,001 | (women=279)107 (38,4%)67 (24,0%)26 (9,3%)58 (20,1%)21 (7,5%) | (women=3,771)1,623 (43,0%)947 (25,1%)427 (11,3%)592 (15,7%)182 (4,8%) | 0,01 |
| Last PAP smear-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | (women=321)134 (41,7%)59 (18,4%)17 (5,3%)87 (27,1%)24 (7,5%) | (women=8,465)5,018 (59,3%)1,619 (19,1%)495 (5,8%)937 (11,1%)396 (4,7%) | <0,05 | (women=279)110 (39,4%)52 (18,6%)15 (5,8%)84 (30,1%)18 (6,5%) | (women=3,771)1,850 (49,1%)715 (19,0%)292 (7,7%)735 (19,5%)143 (3,8%) | 0,05 |

*DM* diabetes mellitus*, Non-DM* non-diabetes mellitus*, PAP* Papanicolaou

Table 2: Frequencies of doctors’ visits, preventive care and immunization status for the over 50 years and under 50 years DM cohort

|  |  |  |  |
| --- | --- | --- | --- |
| **Variable name** | **Over 50 years DM (n=592)** | **Under 50 years DM (n=86)** | **p-value** |
| Intact immunization against tetanus | 401 (67,7%) | 74 (86,0%) | <0,001 |
| Intact immunization against diphtheria | 214 (36,1%) | 55 (64,0%) | <0,001 |
| Intact immunization against Polio | 205 (34,6%) | 46 (53,5%) | <0,001 |
| Intact immunization against pneumococcus | 56 (13,8%) | 333 (9,9%) | <0,001 |
| Intact immunization against influenza | 90 (13,3%) | 1,072 (7,1%) | <0,001 |
| Intact immunization against TBE | 396 (66,9%) | 58 (67,4%) | <0,001 |
| Hospitalized in the last 12 months | 190 (32,1%) | 14 (16,3%) | <0,001 |
| Dentist-in the last 6 months-in the last 6-12 months-over 12 months ago | 225 (38,0%)121 (20,4%)246 (41,5%) | 38 (44,2%)25 (29,1%)23 (26,7%) | 0,01 |
| General practitioner-in the last 12 months-over 12 months ago-never | 534 (90,2%)55 (9,3%)3 (0,5%) | 72 (83,7%)14 (16,3%)0 (0,0%) | >1 |
| Specialist doctor-in the last 12 months-over 12 months ago-never | 436 (73,6%)146 (24,7%)10 (1,7%) | 69 (80,2%)17 (19,8%)0 (0,0%) | 0,05 |
| Screening of blood cholesterol-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 540 (90,0%)37 (7,5%)5 (0,7%)4 (0,9%)6 (0,9%) | 70 (90,0%)14 (7,5%)1 (0,7%)0 (0,0%)0 (0,0%) | >1 |
| Screening of blood glucose-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 552 (91,2%)35 (5,9%)1 (0,2%)3 (0,5%)1 (0,2%) | 73 (81,4%)12 (14,0%)1 (1,2%)0 (0,0%)0 (0,0%) | 0,1 |
| Last blood pressure measurement-in the last 12 months-in the last 1-3 years-in the last 3-5 years-over 5 years ago-never | 544 (91,9%)40 (6,8%)3 (0,5%)3 (0,5%)2 (0,3%) | 73 (84,5%)12 (14,0%)1 (1,2%)3 (3,5%)2 (2,3%) | 0,05 |
| Last test for occult blood in feces-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | 202 (34,1%)106 (17,9%)43 (7,3%)129 (21,8%)112 (18,9%) | 19 (22,1%)10 (11,6%)4 (4,7%)11 (12,8%)42 (48,8%) | <0,001 |
| Last colonoscopy-in the last 12 months-in the last 1-5 years-in the last 5-10 years-over 10 years ago-never | 70 (11,8%)200 (33,8%)60 (10,1%)34 (5,7%)228 (38,5%) | 6 (7,0%)6 (7,0%)7 (8,1%)3 (3,4%)64 (74,4%) | <0,001 |
| Last mammography-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | (female=279)107 (38,4%)67 (24,0%)26 (9,3%)58 (20,1%)21 (7,5%) | (female=42)10 (23,8%)6 (14,3%)4 (9,5%)5 (11,9%)17 (40,5%) | >1 |
| Last PAP smear-in the last 12 months-in the last 1-2 years-in the last 2-3 years-over 3 years ago-never | (female=279)110 (39,4%)52 (18,6%)15 (5,8%)84 (30,1%)18 (6,5%) | (female=42)24 (57,1%)7 (16,7%)2 (4,8%)3 (7,1%)6 (14,3%) | N.S. |

*DM* diabetes mellitus, *TBE* tick-borne encephalitis, *PAP* Papanicolaou