

## Supplementary material

**Figure S1.** Crude and age-adjusted mortality rates for diabetes mellitus in Mexico by marginalization quintiles from 1990-2019.

**Table S1.** Effect of age expressed as mortality rates by quintiles of lowest and highest marginalization for diabetes mellitus in Mexico, 1990-2019.

**Table S2.** Effect of birth cohort expressed in rate ratios by lowest and highest marginalization quintiles for diabetes mellitus mortality in Mexico, 1990-2019.

**Table S3.** Effect of period expressed in rate ratios by quintiles of lowest and highest marginalization for diabetes mellitus mortality in Mexico, 1990-2019.

**Table S4.** Proportion of individuals corresponding to different levels of HbA1c and state entity according to ENSANUT-2012.

**Figure S2.** Age-adjusted mortality rates for diabetes mellitus in Mexico and selected countries from 1990 to 2016. Provided by WHO.

Figure S1



Data markers represent observed rates by quinquennium for each one of the deprivation quintiles.

<sup>a</sup> Crude and age-adjusted mortality rates are shown per 100,000 population.

Table S1

| Age | Lowest marginalization quintiles*     |            |            | Highest marginalization quintiles**   |            |            |
|-----|---------------------------------------|------------|------------|---------------------------------------|------------|------------|
|     | DM mortality /<br>100,000 inhabitants | 95%<br>LCI | 95%<br>UCI | DM mortality /<br>100,000 inhabitants | 95%<br>LCI | 95%<br>UCI |
| 20  | 0.40                                  | 0.38       | 0.42       | 0.19                                  | 0.18       | 0.20       |
| 21  | 0.45                                  | 0.43       | 0.48       | 0.22                                  | 0.21       | 0.23       |
| 22  | 0.51                                  | 0.49       | 0.54       | 0.25                                  | 0.24       | 0.27       |
| 23  | 0.58                                  | 0.55       | 0.60       | 0.29                                  | 0.28       | 0.30       |
| 24  | 0.65                                  | 0.63       | 0.68       | 0.33                                  | 0.32       | 0.35       |
| 25  | 0.74                                  | 0.71       | 0.77       | 0.38                                  | 0.37       | 0.40       |
| 26  | 0.84                                  | 0.81       | 0.87       | 0.44                                  | 0.43       | 0.46       |
| 27  | 0.96                                  | 0.93       | 0.99       | 0.51                                  | 0.49       | 0.53       |
| 28  | 1.09                                  | 1.06       | 1.12       | 0.59                                  | 0.57       | 0.61       |
| 29  | 1.25                                  | 1.22       | 1.28       | 0.68                                  | 0.67       | 0.70       |
| 30  | 1.43                                  | 1.40       | 1.47       | 0.80                                  | 0.78       | 0.82       |
| 31  | 1.65                                  | 1.61       | 1.69       | 0.93                                  | 0.91       | 0.95       |
| 32  | 1.90                                  | 1.86       | 1.94       | 1.09                                  | 1.06       | 1.11       |
| 33  | 2.20                                  | 2.16       | 2.25       | 1.28                                  | 1.25       | 1.30       |
| 34  | 2.57                                  | 2.52       | 2.62       | 1.50                                  | 1.47       | 1.54       |
| 35  | 3.00                                  | 2.94       | 3.06       | 1.78                                  | 1.75       | 1.82       |
| 36  | 3.52                                  | 3.46       | 3.59       | 2.12                                  | 2.08       | 2.16       |
| 37  | 4.15                                  | 4.08       | 4.23       | 2.53                                  | 2.48       | 2.58       |
| 38  | 4.91                                  | 4.83       | 5.00       | 3.03                                  | 2.98       | 3.09       |
| 39  | 5.83                                  | 5.74       | 5.92       | 3.64                                  | 3.58       | 3.71       |
| 40  | 6.93                                  | 6.82       | 7.04       | 4.38                                  | 4.31       | 4.46       |
| 41  | 8.24                                  | 8.13       | 8.36       | 5.28                                  | 5.20       | 5.36       |
| 42  | 9.81                                  | 9.68       | 9.95       | 6.36                                  | 6.27       | 6.46       |
| 43  | 11.68                                 | 11.53      | 11.83      | 7.67                                  | 7.56       | 7.77       |
| 44  | 13.88                                 | 13.71      | 14.05      | 9.22                                  | 9.11       | 9.35       |
| 45  | 16.47                                 | 16.29      | 16.66      | 11.08                                 | 10.95      | 11.22      |
| 46  | 19.50                                 | 19.29      | 19.71      | 13.28                                 | 13.13      | 13.43      |
| 47  | 23.01                                 | 22.78      | 23.25      | 15.86                                 | 15.69      | 16.04      |
| 48  | 27.05                                 | 26.78      | 27.31      | 18.88                                 | 18.68      | 19.08      |
| 49  | 31.64                                 | 31.35      | 31.94      | 22.36                                 | 22.14      | 22.59      |
| 50  | 36.82                                 | 36.49      | 37.15      | 26.35                                 | 26.09      | 26.61      |
| 51  | 42.59                                 | 42.22      | 42.96      | 30.86                                 | 30.57      | 31.16      |
| 52  | 48.93                                 | 48.52      | 49.34      | 35.92                                 | 35.59      | 36.25      |
| 53  | 55.86                                 | 55.41      | 56.31      | 41.54                                 | 41.18      | 41.90      |
| 54  | 63.37                                 | 62.89      | 63.86      | 47.75                                 | 47.35      | 48.15      |
| 55  | 71.49                                 | 70.97      | 72.00      | 54.58                                 | 54.16      | 55.01      |
| 56  | 80.20                                 | 79.66      | 80.75      | 62.08                                 | 61.62      | 62.54      |
| 57  | 89.52                                 | 88.95      | 90.09      | 70.26                                 | 69.77      | 70.75      |
| 58  | 99.45                                 | 98.86      | 100.04     | 79.17                                 | 78.66      | 79.68      |
| 59  | 110.00                                | 109.39     | 110.61     | 88.84                                 | 88.31      | 89.38      |
| 60  | 121.17                                | 120.55     | 121.80     | 99.33                                 | 98.77      | 99.89      |
| 61  | 132.99                                | 132.34     | 133.64     | 110.69                                | 110.11     | 111.28     |
| 62  | 145.47                                | 144.79     | 146.14     | 122.99                                | 122.37     | 123.60     |
| 63  | 158.64                                | 157.93     | 159.35     | 136.30                                | 135.64     | 136.95     |
| 64  | 172.54                                | 171.78     | 173.29     | 150.71                                | 150.01     | 151.42     |
| 65  | 187.22                                | 186.41     | 188.02     | 166.35                                | 165.60     | 167.11     |
| 66  | 202.75                                | 201.89     | 203.61     | 183.35                                | 182.53     | 184.17     |

**Table S1 (Continued)**

| Age | Lowest marginalization quintiles*     |            |            | Highest marginalization quintiles**   |            |            |
|-----|---------------------------------------|------------|------------|---------------------------------------|------------|------------|
|     | DM mortality /<br>100,000 inhabitants | 95%<br>LCI | 95%<br>UCI | DM mortality /<br>100,000 inhabitants | 95%<br>LCI | 95%<br>UCI |
| 67  | 219.20                                | 218.29     | 220.12     | 201.86                                | 200.98     | 202.74     |
| 68  | 236.66                                | 235.69     | 237.63     | 222.04                                | 221.10     | 222.99     |
| 69  | 255.12                                | 254.10     | 256.15     | 243.99                                | 242.98     | 245.00     |
| 70  | 274.60                                | 273.52     | 275.70     | 267.79                                | 266.71     | 268.88     |
| 71  | 295.10                                | 293.94     | 296.27     | 293.54                                | 292.37     | 294.71     |
| 72  | 316.60                                | 315.34     | 317.87     | 321.28                                | 320.00     | 322.57     |
| 73  | 339.09                                | 337.70     | 340.48     | 351.09                                | 349.66     | 352.53     |
| 74  | 362.52                                | 360.97     | 364.08     | 382.99                                | 381.36     | 384.64     |
| 75  | 386.87                                | 385.11     | 388.63     | 417.01                                | 415.12     | 418.90     |
| 76  | 412.07                                | 410.07     | 414.08     | 453.12                                | 450.92     | 455.32     |
| 77  | 438.05                                | 435.77     | 440.35     | 491.28                                | 488.72     | 493.85     |
| 78  | 464.74                                | 462.16     | 467.34     | 531.42                                | 528.45     | 534.40     |
| 79  | 492.04                                | 489.12     | 494.97     | 573.42                                | 570.01     | 576.86     |
| 80  | 519.83                                | 516.57     | 523.10     | 617.13                                | 613.23     | 621.05     |
| 81  | 547.99                                | 544.39     | 551.61     | 662.34                                | 657.94     | 666.77     |
| 82  | 576.38                                | 572.43     | 580.35     | 708.79                                | 703.87     | 713.75     |
| 83  | 604.84                                | 600.54     | 609.17     | 756.20                                | 750.75     | 761.70     |
| 84  | 633.26                                | 628.61     | 637.95     | 804.32                                | 798.30     | 810.38     |
| 85  | 661.60                                | 656.55     | 666.68     | 853.04                                | 846.41     | 859.73     |
| 86  | 689.83                                | 684.34     | 695.37     | 902.31                                | 894.96     | 909.72     |
| 87  | 717.96                                | 711.93     | 724.04     | 952.08                                | 943.88     | 960.35     |
| 88  | 745.97                                | 739.29     | 752.70     | 1002.33                               | 993.11     | 1011.63    |
| 89  | 773.89                                | 766.43     | 781.42     | 1053.06                               | 1042.62    | 1063.61    |
| 90  | 801.75                                | 793.36     | 810.23     | 1104.33                               | 1092.42    | 1116.37    |
| 91  | 829.60                                | 820.11     | 839.19     | 1156.19                               | 1142.55    | 1170.00    |
| 92  | 857.49                                | 846.76     | 868.37     | 1208.76                               | 1193.12    | 1224.60    |
| 93  | 885.52                                | 873.36     | 897.84     | 1262.15                               | 1244.24    | 1280.32    |
| 94  | 913.76                                | 900.02     | 927.71     | 1316.56                               | 1296.09    | 1337.35    |
| 95  | 942.32                                | 926.84     | 958.05     | 1372.18                               | 1348.87    | 1395.89    |
| 96  | 971.33                                | 953.97     | 989.01     | 1429.28                               | 1402.85    | 1456.21    |
| 97  | 1000.93                               | 981.53     | 1020.71    | 1488.14                               | 1458.30    | 1518.59    |
| 98  | 1031.27                               | 1009.69    | 1053.31    | 1549.11                               | 1515.57    | 1583.38    |

Abbreviations: DM, diabetes mellitus; LCI, low confidence interval; HCI, high confidence interval.

\*Lowest marginalization quintiles: very low and low quintile.

\*\*Highest marginalization quintiles: medium, high, and very high quintiles.

Table S2

| Birth cohort | Lowest marginalization quintiles* |      |      | Highest marginalization quintiles** |      |      |
|--------------|-----------------------------------|------|------|-------------------------------------|------|------|
|              | Rate ratio                        | LCI  | UCI  | Rate ratio                          | LCI  | UCI  |
| 1920         | 0.75                              | 0.74 | 0.75 | 0.54                                | 0.53 | 0.54 |
| 1921         | 0.76                              | 0.76 | 0.77 | 0.56                                | 0.56 | 0.57 |
| 1922         | 0.78                              | 0.78 | 0.79 | 0.58                                | 0.58 | 0.59 |
| 1923         | 0.80                              | 0.79 | 0.81 | 0.61                                | 0.60 | 0.61 |
| 1924         | 0.82                              | 0.81 | 0.82 | 0.63                                | 0.63 | 0.64 |
| 1925         | 0.83                              | 0.83 | 0.84 | 0.66                                | 0.65 | 0.66 |
| 1926         | 0.85                              | 0.85 | 0.86 | 0.68                                | 0.68 | 0.69 |
| 1927         | 0.87                              | 0.86 | 0.87 | 0.71                                | 0.70 | 0.71 |
| 1928         | 0.88                              | 0.88 | 0.88 | 0.73                                | 0.73 | 0.74 |
| 1929         | 0.89                              | 0.89 | 0.90 | 0.76                                | 0.75 | 0.76 |
| 1930         | 0.91                              | 0.90 | 0.91 | 0.78                                | 0.78 | 0.79 |
| 1931         | 0.92                              | 0.92 | 0.92 | 0.81                                | 0.80 | 0.81 |
| 1932         | 0.93                              | 0.93 | 0.94 | 0.83                                | 0.83 | 0.83 |
| 1933         | 0.95                              | 0.94 | 0.95 | 0.86                                | 0.85 | 0.86 |
| 1934         | 0.96                              | 0.95 | 0.96 | 0.88                                | 0.88 | 0.88 |
| 1935         | 0.97                              | 0.97 | 0.97 | 0.91                                | 0.90 | 0.91 |
| 1936         | 0.98                              | 0.98 | 0.98 | 0.93                                | 0.93 | 0.93 |
| 1937         | 0.99                              | 0.99 | 0.99 | 0.95                                | 0.95 | 0.95 |
| 1938         | 0.99                              | 0.99 | 0.99 | 0.98                                | 0.98 | 0.98 |
| 1939         | 1.00                              | 1.00 | 1.00 | 1.00                                | 1.00 | 1.00 |
| 1940         | 1.01                              | 1.01 | 1.01 | 1.02                                | 1.02 | 1.02 |
| 1941         | 1.02                              | 1.02 | 1.02 | 1.04                                | 1.04 | 1.05 |
| 1942         | 1.02                              | 1.02 | 1.03 | 1.07                                | 1.07 | 1.07 |
| 1943         | 1.03                              | 1.03 | 1.03 | 1.09                                | 1.09 | 1.09 |
| 1944         | 1.04                              | 1.03 | 1.04 | 1.11                                | 1.11 | 1.12 |
| 1945         | 1.04                              | 1.04 | 1.05 | 1.13                                | 1.13 | 1.14 |
| 1946         | 1.05                              | 1.05 | 1.06 | 1.16                                | 1.15 | 1.16 |
| 1947         | 1.06                              | 1.05 | 1.06 | 1.18                                | 1.17 | 1.19 |
| 1948         | 1.06                              | 1.06 | 1.07 | 1.20                                | 1.20 | 1.21 |
| 1949         | 1.07                              | 1.07 | 1.08 | 1.23                                | 1.22 | 1.24 |
| 1950         | 1.08                              | 1.07 | 1.09 | 1.26                                | 1.25 | 1.26 |
| 1951         | 1.09                              | 1.08 | 1.09 | 1.28                                | 1.27 | 1.29 |
| 1952         | 1.10                              | 1.09 | 1.10 | 1.31                                | 1.30 | 1.32 |
| 1953         | 1.11                              | 1.10 | 1.11 | 1.34                                | 1.33 | 1.35 |
| 1954         | 1.12                              | 1.11 | 1.12 | 1.37                                | 1.36 | 1.39 |
| 1955         | 1.13                              | 1.12 | 1.14 | 1.41                                | 1.40 | 1.42 |
| 1956         | 1.14                              | 1.13 | 1.15 | 1.45                                | 1.43 | 1.46 |
| 1957         | 1.15                              | 1.14 | 1.16 | 1.48                                | 1.47 | 1.50 |
| 1958         | 1.16                              | 1.15 | 1.17 | 1.52                                | 1.51 | 1.54 |
| 1959         | 1.18                              | 1.16 | 1.19 | 1.56                                | 1.55 | 1.58 |
| 1960         | 1.19                              | 1.18 | 1.20 | 1.61                                | 1.59 | 1.62 |
| 1961         | 1.20                              | 1.19 | 1.22 | 1.65                                | 1.64 | 1.67 |
| 1962         | 1.22                              | 1.20 | 1.23 | 1.70                                | 1.68 | 1.72 |
| 1963         | 1.23                              | 1.22 | 1.25 | 1.75                                | 1.73 | 1.77 |
| 1964         | 1.25                              | 1.23 | 1.26 | 1.80                                | 1.78 | 1.82 |
| 1965         | 1.26                              | 1.25 | 1.28 | 1.86                                | 1.83 | 1.88 |
| 1966         | 1.28                              | 1.26 | 1.30 | 1.91                                | 1.89 | 1.94 |
| 1967         | 1.30                              | 1.28 | 1.31 | 1.97                                | 1.94 | 2.00 |

**Table S2 (Continued)**

| <b>Birth cohort</b> | <b>Lowest marginalization quintiles*</b> |            |            | <b>Highest marginalization quintiles**</b> |            |            |
|---------------------|------------------------------------------|------------|------------|--------------------------------------------|------------|------------|
|                     | <b>Rate ratio</b>                        | <b>LCI</b> | <b>UCI</b> | <b>Rate ratio</b>                          | <b>LCI</b> | <b>UCI</b> |
| <b>1968</b>         | 1.31                                     | 1.29       | 1.33       | 2.03                                       | 2.00       | 2.06       |
| <b>1969</b>         | 1.33                                     | 1.31       | 1.35       | 2.09                                       | 2.06       | 2.12       |
| <b>1970</b>         | 1.34                                     | 1.32       | 1.37       | 2.16                                       | 2.12       | 2.19       |
| <b>1971</b>         | 1.36                                     | 1.34       | 1.38       | 2.22                                       | 2.19       | 2.26       |
| <b>1972</b>         | 1.38                                     | 1.36       | 1.40       | 2.29                                       | 2.25       | 2.33       |
| <b>1973</b>         | 1.40                                     | 1.37       | 1.42       | 2.36                                       | 2.32       | 2.41       |
| <b>1974</b>         | 1.41                                     | 1.39       | 1.44       | 2.44                                       | 2.39       | 2.48       |
| <b>1975</b>         | 1.43                                     | 1.40       | 1.46       | 2.52                                       | 2.47       | 2.56       |
| <b>1976</b>         | 1.45                                     | 1.42       | 1.48       | 2.59                                       | 2.54       | 2.65       |
| <b>1977</b>         | 1.46                                     | 1.43       | 1.50       | 2.68                                       | 2.62       | 2.74       |
| <b>1978</b>         | 1.48                                     | 1.45       | 1.52       | 2.76                                       | 2.70       | 2.83       |
| <b>1979</b>         | 1.50                                     | 1.46       | 1.54       | 2.85                                       | 2.78       | 2.92       |
| <b>1980</b>         | 1.52                                     | 1.48       | 1.56       | 2.94                                       | 2.86       | 3.02       |
| <b>1981</b>         | 1.54                                     | 1.49       | 1.58       | 3.03                                       | 2.95       | 3.12       |
| <b>1982</b>         | 1.55                                     | 1.51       | 1.60       | 3.13                                       | 3.04       | 3.23       |
| <b>1983</b>         | 1.57                                     | 1.52       | 1.63       | 3.23                                       | 3.13       | 3.34       |
| <b>1984</b>         | 1.59                                     | 1.54       | 1.65       | 3.34                                       | 3.22       | 3.46       |
| <b>1985</b>         | 1.61                                     | 1.55       | 1.67       | 3.44                                       | 3.32       | 3.58       |
| <b>1986</b>         | 1.63                                     | 1.57       | 1.70       | 3.56                                       | 3.42       | 3.70       |
| <b>1987</b>         | 1.65                                     | 1.58       | 1.72       | 3.67                                       | 3.52       | 3.83       |
| <b>1988</b>         | 1.67                                     | 1.59       | 1.75       | 3.79                                       | 3.62       | 3.97       |
| <b>1989</b>         | 1.69                                     | 1.61       | 1.77       | 3.91                                       | 3.73       | 4.11       |

Abbreviations: LCI, low confidence interval; HCI, high confidence interval.

\*Lowest marginalization quintiles: very low and low quintile.

\*\*Highest marginalization quintiles: medium, high, and very high quintiles.

**Table S3**

| <b>Period</b> | <b>Lowest marginalization quintiles*</b> |            |            | <b>Highest marginalization quintiles**</b> |            |            |
|---------------|------------------------------------------|------------|------------|--------------------------------------------|------------|------------|
|               | <b>Rate ratio</b>                        | <b>LCI</b> | <b>UCI</b> | <b>Rate ratio</b>                          | <b>LCI</b> | <b>UCI</b> |
| <b>1990</b>   | 0.86                                     | 0.85       | 0.87       | 0.82                                       | 0.81       | 0.83       |
| <b>1991</b>   | 0.86                                     | 0.86       | 0.87       | 0.82                                       | 0.81       | 0.83       |
| <b>1992</b>   | 0.87                                     | 0.87       | 0.88       | 0.83                                       | 0.82       | 0.83       |
| <b>1993</b>   | 0.88                                     | 0.88       | 0.89       | 0.84                                       | 0.84       | 0.84       |
| <b>1994</b>   | 0.90                                     | 0.89       | 0.90       | 0.86                                       | 0.85       | 0.86       |
| <b>1995</b>   | 0.91                                     | 0.91       | 0.92       | 0.88                                       | 0.88       | 0.89       |
| <b>1996</b>   | 0.94                                     | 0.93       | 0.94       | 0.92                                       | 0.91       | 0.93       |
| <b>1997</b>   | 0.96                                     | 0.96       | 0.97       | 0.96                                       | 0.96       | 0.97       |
| <b>1998</b>   | 0.99                                     | 0.99       | 0.99       | 1.01                                       | 1.01       | 1.02       |
| <b>1999</b>   | 1.02                                     | 1.01       | 1.02       | 1.06                                       | 1.05       | 1.06       |
| <b>2000</b>   | 1.04                                     | 1.04       | 1.05       | 1.10                                       | 1.09       | 1.10       |
| <b>2001</b>   | 1.07                                     | 1.06       | 1.07       | 1.12                                       | 1.11       | 1.12       |
| <b>2002</b>   | 1.08                                     | 1.08       | 1.09       | 1.12                                       | 1.12       | 1.13       |
| <b>2003</b>   | 1.09                                     | 1.09       | 1.10       | 1.11                                       | 1.10       | 1.11       |
| <b>2004</b>   | 1.09                                     | 1.09       | 1.10       | 1.08                                       | 1.08       | 1.09       |
| <b>2005</b>   | 1.09                                     | 1.09       | 1.10       | 1.06                                       | 1.05       | 1.06       |
| <b>2006</b>   | 1.09                                     | 1.08       | 1.09       | 1.04                                       | 1.03       | 1.04       |
| <b>2007</b>   | 1.08                                     | 1.08       | 1.09       | 1.02                                       | 1.02       | 1.03       |
| <b>2008</b>   | 1.07                                     | 1.07       | 1.08       | 1.02                                       | 1.02       | 1.02       |
| <b>2009</b>   | 1.06                                     | 1.06       | 1.06       | 1.02                                       | 1.02       | 1.03       |
| <b>2010</b>   | 1.05                                     | 1.04       | 1.05       | 1.03                                       | 1.03       | 1.03       |
| <b>2011</b>   | 1.03                                     | 1.03       | 1.03       | 1.04                                       | 1.03       | 1.04       |
| <b>2012</b>   | 1.01                                     | 1.01       | 1.02       | 1.04                                       | 1.03       | 1.04       |
| <b>2013</b>   | 1.00                                     | 0.99       | 1.00       | 1.03                                       | 1.03       | 1.03       |
| <b>2014</b>   | 0.98                                     | 0.97       | 0.98       | 1.01                                       | 1.01       | 1.01       |
| <b>2015</b>   | 0.96                                     | 0.95       | 0.96       | 0.99                                       | 0.98       | 0.99       |
| <b>2016</b>   | 0.94                                     | 0.93       | 0.94       | 0.96                                       | 0.95       | 0.96       |
| <b>2017</b>   | 0.91                                     | 0.91       | 0.92       | 0.92                                       | 0.92       | 0.92       |
| <b>2018</b>   | 0.89                                     | 0.89       | 0.90       | 0.89                                       | 0.88       | 0.89       |

Abbreviations: LCI, low confidence interval; HCI, high confidence interval.

\*Lowest marginalization quintiles: very low and low quintile.

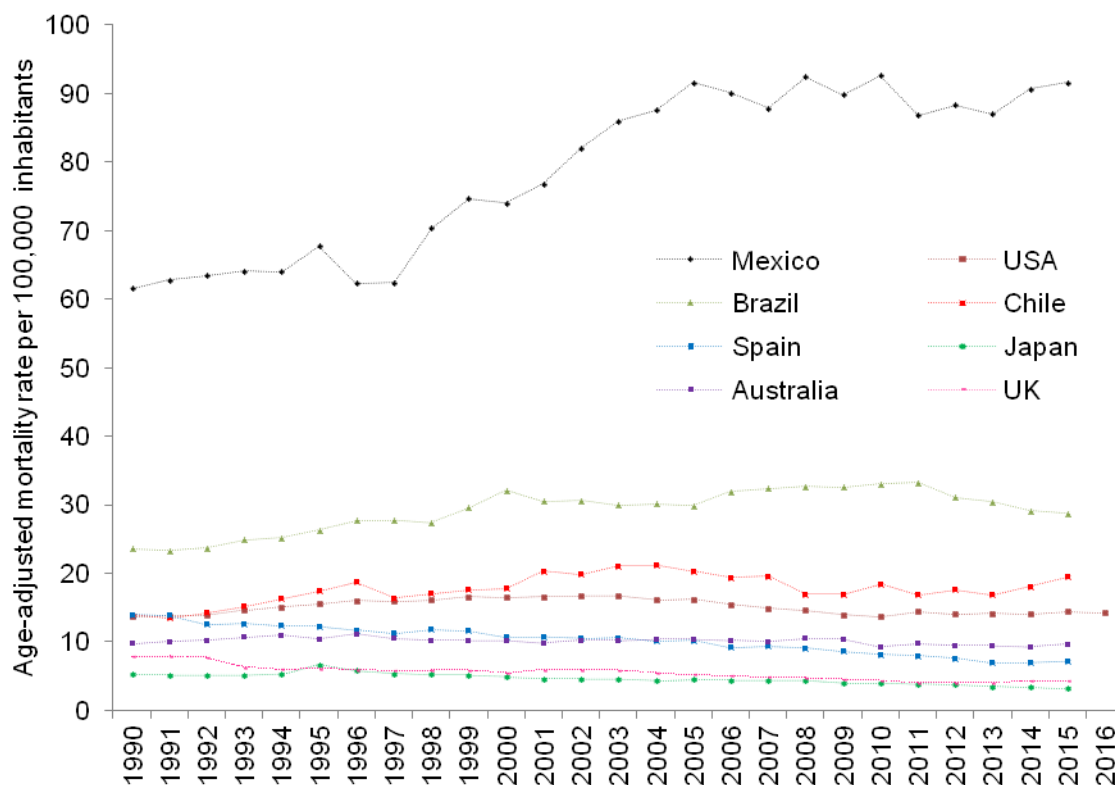
\*\*Highest marginalization quintiles: medium, high, and very high quintiles.

Table S4

| Federal entity        | HbA1c levels |           |        |
|-----------------------|--------------|-----------|--------|
|                       | < 7%         | 7 a 8.99% | ≥ 9%   |
| National              | 21.84%       | 27.30%    | 50.87% |
| Aguascalientes        | 16.67%       | 22.22%    | 61.11% |
| Baja California Norte | 36.36%       | 22.73%    | 40.91% |
| Baja California Sur   | 25.00%       | 41.67%    | 33.33% |
| Campeche              | 12.50%       | 33.33%    | 54.17% |
| Coahuila              | 27.27%       | 31.82%    | 40.91% |
| Colima                | 25.64%       | 17.95%    | 56.41% |
| Chiapas               | 22.22%       | 22.22%    | 55.56% |
| Chihuahua             | 33.33%       | 33.33%    | 33.33% |
| Ciudad de México      | 24.00%       | 16.00%    | 60.00% |
| Durango               | 28.57%       | 28.57%    | 42.86% |
| Guanajuato            | 20.00%       | 46.67%    | 33.33% |
| Guerrero              | 24.00%       | 24.00%    | 52.00% |
| Hidalgo               | 16.67%       | 33.33%    | 50.00% |
| Jalisco               | 13.04%       | 34.78%    | 52.17% |
| Estado de México      | 16.67%       | 33.33%    | 50.00% |
| Michoacán             | 17.86%       | 21.43%    | 60.71% |
| Morelos               | 25.00%       | 18.75%    | 56.25% |
| Nayarit               | 7.14%        | 50.00%    | 42.86% |
| Nuevo León            | 26.67%       | 30.00%    | 43.33% |
| Oaxaca                | 11.11%       | 44.44%    | 44.44% |
| Puebla                | 22.73%       | 22.73%    | 54.55% |
| Querétaro             | 33.33%       | 26.67%    | 40.00% |
| Quintana Roo          | 7.14%        | 28.57%    | 64.29% |
| San Luis Potosí       | 28.13%       | 28.13%    | 43.75% |
| Sinaloa               | 28.57%       | 50.00%    | 21.43% |
| Sonora                | 18.75%       | 18.75%    | 62.50% |
| Tabasco               | 22.73%       | 13.64%    | 63.64% |
| Tamaulipas            | 30.77%       | 30.77%    | 38.46% |
| Tlaxcala              | 10.00%       | 20.00%    | 70.00% |
| Veracruz              | 21.05%       | 15.79%    | 63.16% |
| Yucatán               | 20.00%       | 20.00%    | 60.00% |
| Zacatecas             | 18.18%       | 31.82%    | 50.00% |

Abbreviations: HbA1c, Glycated hemoglobin; ENSANUT, National Health and Nutrition Surveys of Mexico.

Figure S2



Abbreviations: USA, United States of America; UK, United Kingdom; WHO, World Health Organization.

<sup>a</sup> Age-adjusted mortality rates are shown per 100,000 population.

<sup>b</sup> The age-adjusted mortality rates for diabetes mellitus for Mexico and the other countries were obtained from the WHO mortality database.