### Supplementary Table 2. Distribution of HbA1c level in each group of known and undiagnosed diabetes

| HbA1c, %     | Unweighted no. | Prevalence, % | Unadjusted OR (95% CI) | P value | Age and sex-adjusted OR (95% CI) | P value |
|--------------|----------------|---------------|------------------------|---------|----------------------------------|---------|
|              | Known          | Unadjusted    |                        |         |                                  |         |
|              |                |               |                        |         |                                  |         |
| Total        | 368            | 168           | 51.7±2.4               | 64.5±3.4| 1.694 (1.210–2.371)              | 0.002   | 2.081 (1.462–2.961) <0.001      |
| HbA1c, ≤6.9  | 368            | 168           | 51.7±2.4               | 64.5±3.4| 1.694 (1.210–2.371)              | 0.002   | 2.081 (1.462–2.961) <0.001      |
| HbA1c, 7.0–7.9 | 184          | 51            | 28.5±2.2               | 18.4±2.8| 0.566 (0.372–0.861)              | 0.008   | 0.570 (0.367–0.886) 0.013       |
| HbA1c, 8.0–8.9 | 68            | 11            | 8.9±1.5                | 3.7±1.4 | 0.396 (0.166–0.943)              | 0.037   | 0.344 (0.141–0.837) 0.019       |
| HbA1c, 9.0–9.9 | 45            | 14            | 6.1±1.0                | 4.5±1.3 | 0.722 (0.368–1.416)              | 0.342   | 0.596 (0.292–1.217) 0.155       |
| HbA1c, ≥10.0 | 25             | 17            | 4.7±1.0                | 8.9±2.3 | 1.970 (0.972–3.993)              | 0.060   | 1.174 (0.597–2.309) 0.640       |
| 40–49 years  |                |               |                        |         |                                  |         |
| HbA1c, ≤6.9  | 19             | 33            | 31.8±7.5               | 56.6±6.9| 2.804 (1.099–7.152)              | 0.031   | 3.001 (1.227–7.338) 0.017       |
| HbA1c, 7.0–7.9 | 20          | 13            | 35.5±7.5               | 18.9±5.2| 0.566 (0.372–0.861)              | 0.004   | 0.570 (0.367–0.886) 0.013       |
| HbA1c, 8.0–8.9 | 6            | 3             | 11.6±5.4               | 2.5±1.8 | 0.197 (0.029–1.321)              | 0.093   | 0.184 (0.029–1.183) 0.074       |
| HbA1c, 9.0–9.9 | 6             | 5             | 7.8±3.5                | 4.7±2.2 | 0.579 (0.165–2.038)              | 0.389   | 0.513 (0.155–1.701) 0.270       |
| HbA1c, ≥10.0 | 6              | 9             | 13.3±5.0               | 17.3±6.0| 1.362 (0.434–4.269)              | 0.591   | 1.301 (0.425–3.986) 0.640       |
| 50–59 years  |                |               |                        |         |                                  |         |
| HbA1c, ≤6.9  | 73             | 56            | 51.6±4.5               | 66.4±5.8| 1.856 (1.077–3.200)              | 0.026   | 2.020 (1.176–3.472) 0.011       |
| HbA1c, 7.0–7.9 | 41           | 12            | 27.9±4.0               | 15.3±4.4| 0.468 (0.216–1.014)              | 0.054   | 0.429 (0.208–0.885) 0.022       |
| HbA1c, 8.0–8.9 | 15           | 5             | 8.2±2.6                | 5.7±2.9 | 0.684 (0.224–2.084)              | 0.500   | 0.667 (0.229–1.942) 0.454       |
| HbA1c, 9.0–9.9 | 10           | 4             | 7.1±2.2                | 4.0±2.2 | 0.544 (0.149–1.985)              | 0.353   | 0.478 (0.138–1.651) 0.240       |
| HbA1c, ≥10.0 | 6              | 6             | 5.2±2.2                | 8.5±3.4 | 1.682 (0.500–5.660)              | 0.397   | 1.692 (0.496–5.768) 0.397       |
| 60–69 years  |                |               |                        |         |                                  |         |
| HbA1c, ≤6.9  | 113            | 50            | 53.5±4.2               | 71.1±5.7| 2.140 (1.130–4.053)              | 0.020   | 2.232 (1.165–4.278) 0.016       |
| HbA1c, 7.0–7.9 | 53           | 12            | 24.8±3.3               | 15.7±4.4| 0.567 (0.276–1.166)              | 0.122   | 0.566 (0.273–1.172) 0.124       |
| HbA1c, 8.0–8.9 | 24           | 3             | 10.9±2.5               | 3.8±2.3 | 0.319 (0.085–1.199)              | 0.090   | 0.296 (0.078–1.129) 0.074       |
| HbA1c, 9.0–9.9 | 17           | 5             | 6.8±1.7                | 7.5±3.7 | 1.117 (0.343–3.638)              | 0.854   | 1.093 (0.330–3.622) 0.884       |
| HbA1c, ≥10.0 | 8              | 2             | 4.0±1.5                | 1.8±1.3 | 0.449 (0.087–2.309)              | 0.335   | 0.442 (0.085–2.299) 0.329       |
| ≥70 years    |                |               |                        |         |                                  |         |
| HbA1c, ≤6.9  | 163            | 29            | 56.5±4.1               | 66.9±8.9| 1.552 (0.654–3.682)              | 0.316   | 1.506 (0.628–3.614) 0.356       |
| HbA1c, 7.0–7.9 | 70           | 14            | 30.4±4.0               | 33.1±8.9| 1.136 (0.473–2.728)              | 0.774   | 1.167 (0.479–2.844) 0.733       |
| HbA1c, 8.0–8.9 | 23           | -             | 6.7±1.8                | -       | 0.000                             | -       | -                               |
| HbA1c, 9.0–9.9 | 12           | -             | 4.2±1.5                | -       | 0.000                             | -       | -                               |
| HbA1c, ≥10.0 | 5              | -             | 2.2±1.3                | -       | 0.000                             | -       | -                               |

Values are presented as prevalence±standard error of the subjects with each HbA1c level among those with known and undiagnosed diabetes mellitus (DM).

HbA1c, glycosylated hemoglobin; OR, odds ratio; CI, confidence interval.

Odds for each HbA1c level in those with undiagnosed DM compared to known DM in logistic linear regression without adjustment, b Odds for each HbA1c level in those with undiagnosed DM compared to known DM in logistic linear regression with adjustment for age and sex.