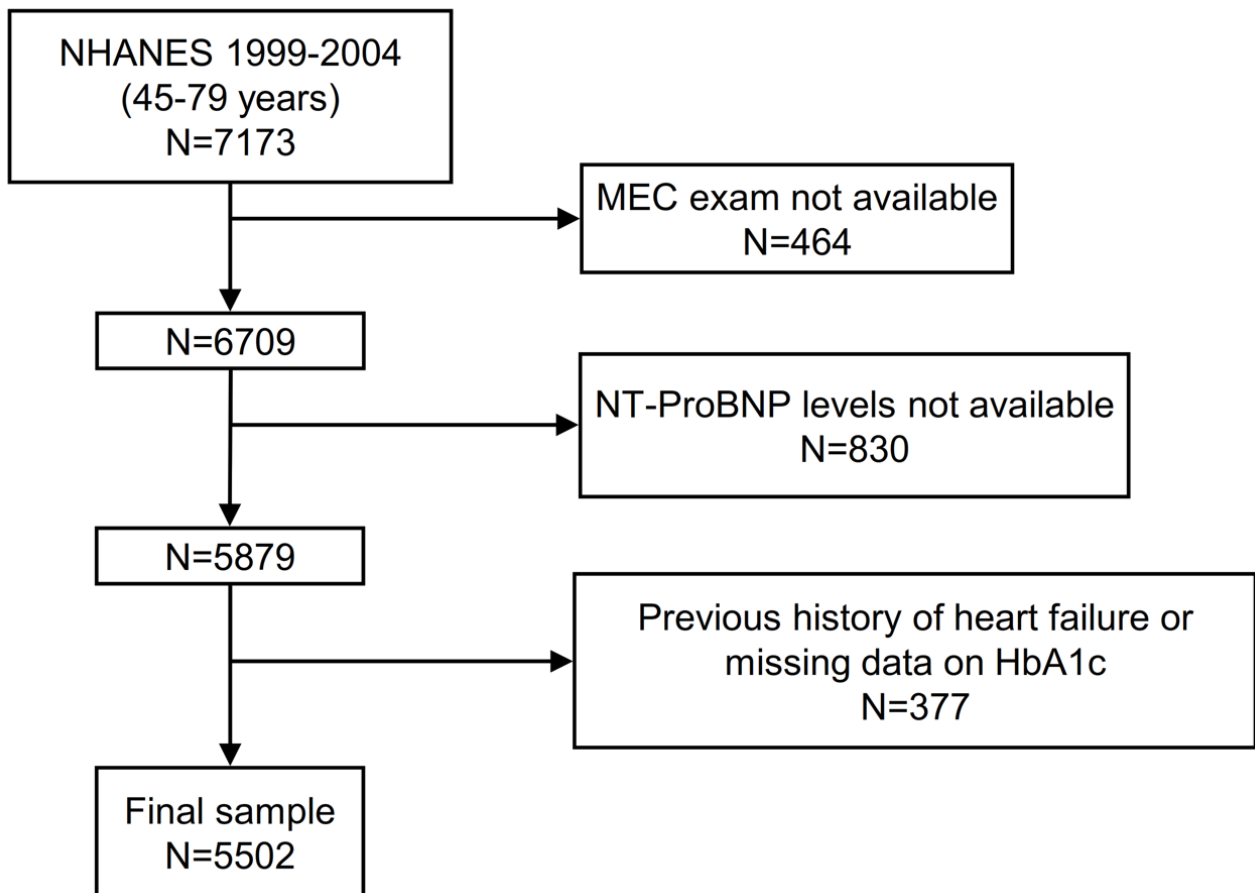
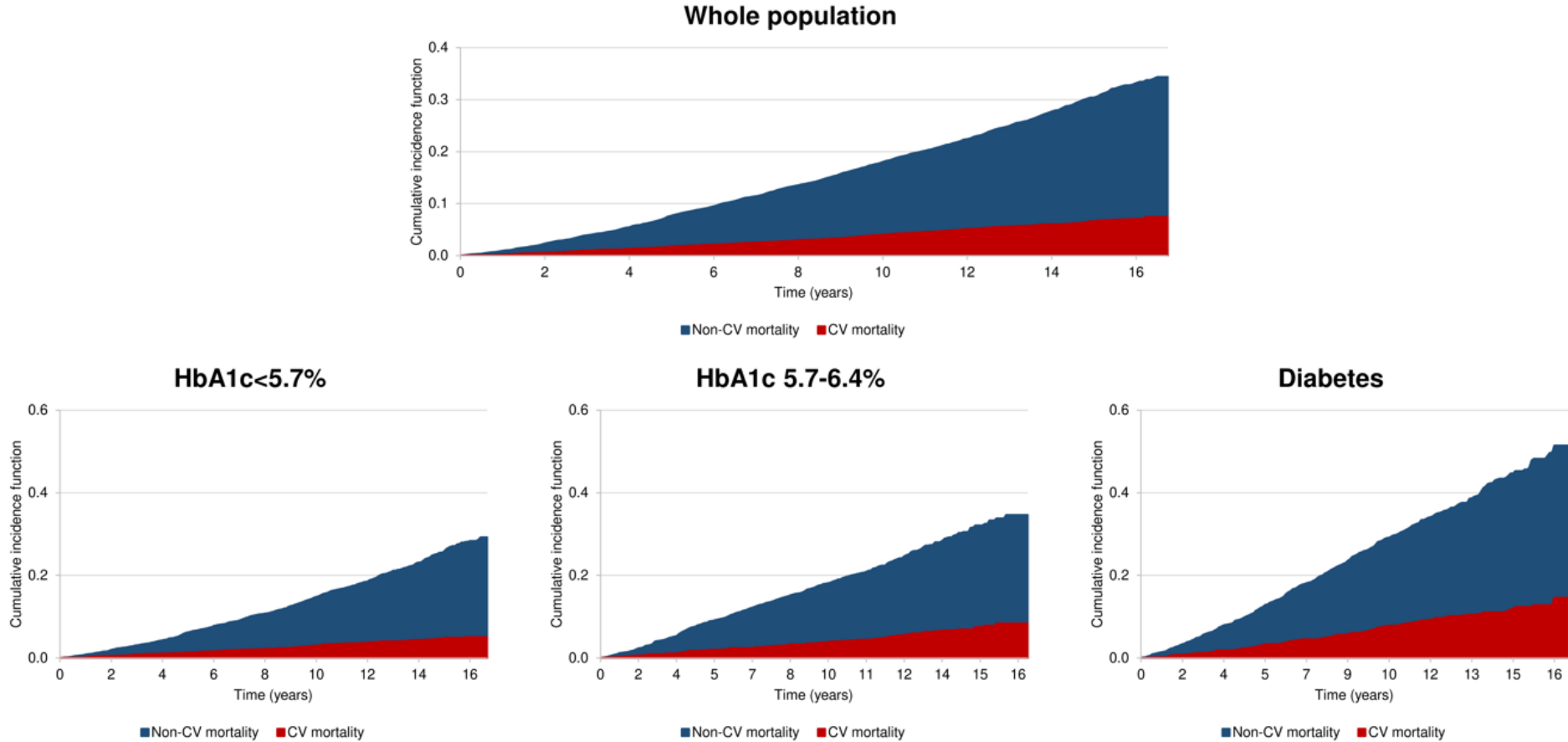


Supplementary Figure S1 Flow-chart of the studied participants.



Abbreviations: NHANES, National Health and Nutrition Examination Survey, MEC, mobile examination center.

Supplementary Figure S2 Cumulative incidence of cardiovascular and non-cardiovascular mortality in the whole population and according to glucose tolerance.



Supplementary Table S1 Cox-proportional hazard model evaluating the association between NT-ProBNP levels and all-cause mortality according to baseline HbA1c levels by excluding patients with chronic kidney disease.

| Population | NT-ProBNP (pg/ml) | All-cause mortality | | |
|------------------|-------------------|---------------------|-----------|---------|
| | | HR | 95% CI | p-value |
| Whole population | <100 | 1.00 | Ref. | |
| | 100-299 | 1.37 | 1.12-1.67 | 0.003 |
| | ≥300 | 2.04 | 1.53-2.73 | <0.001 |
| HbA1c <5.7% | <100 | 1.00 | Ref. | |
| | 100-299 | 1.31 | 0.98-1.73 | 0.065 |
| | ≥300 | 1.76 | 1.22-2.54 | 0.003 |
| HbA1c 5.7-6.4% | <100 | 1.00 | Ref. | |
| | 100-299 | 1.39 | 0.93-2.09 | 0.103 |
| | ≥300 | 2.51 | 1.75-3.61 | <0.001 |
| Diabetes | <100 | 1.00 | Ref. | |
| | 100-299 | 1.29 | 0.97-1.73 | 0.082 |
| | ≥300 | 2.11 | 1.44-3.11 | <0.001 |

Covariates included in model were age, sex, race-ethnicity, body mass index, education, cigarette smoke, total cholesterol, eGFR, blood pressure category, prevalent cardiovascular disease and alcohol consumption.

Abbreviations: HR: hazard ratio; CI, confidence interval; NT-ProBNP, N-terminal pro-B natriuretic peptide.