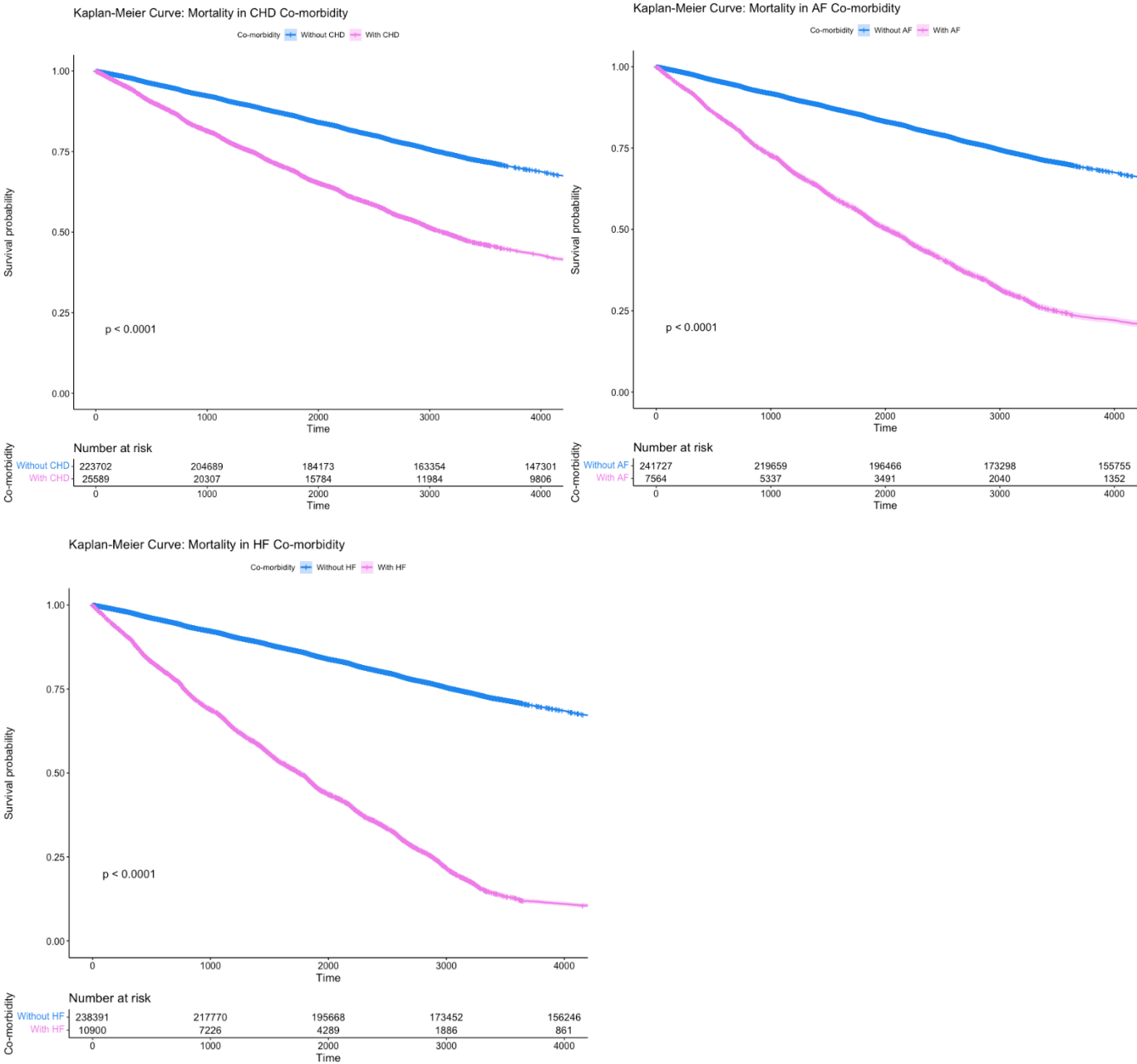


**Supplementary Table S1.** ICD-9 Codes of the comorbidities.

Comorbidities	ICD Code
Ophthalmological Diabetic Complications	250.5
Renal Diabetic Complications	250.4
Neurological Diabetic Complications	250.6
Peripheral Vascular Disease	250.7
Ischemic Stroke and Transient Ischemic Attack	433.01, 433.11, 433.21, 433.31, 433.81, 433.91, 434.01, 434.91, 436, 435
Intracranial Hemorrhage	430.00, 431.00, 432.00, 432.10, 432.90, 852.00-852.09, 852.20-852.29, 852.40-852.49, 853.00
Atrial Fibrillation	427.31, 429.4
Heart Failure	428.00-428.99
Coronary Heart Disease	410.00-411.99, 413.00-414.99
Osteoporosis	733.00
Dementia	290.00-290.99, 331.00, 294.10-294.29, 331.19
Chronic Obstructive Pulmonary Disease	490.00-496.99
Hypertension	491.00-492.99
Cancer	140.00-209.99

**Supplementary Figure S1.** Kaplan-Meier Survival Analysis on the effects of atrial fibrillation, coronary heart disease, and heart failure on mortality



**Supplementary Figure S2.** Kaplan-Meier survival plot for survival in days in sub-groups divided by sequential complications of heart failure, coronary artery disease, and atrial fibrillation.

