Koreans who attended medical health check-ups provided by the Korean National Health Insurance Corporation between 2009 and 2010 (baseline) \( (n=17,513,555) \)

Exclusions \( (n=16,744,001) \)
- ≤2 Health exam during 2005–2008 \( (n=9,076,591) \)
- Age <40 years \( (n=2,459,258) \)
- Missing variables \( (n=319,844) \)
- Absence of diabetes \( (n=4,875,050) \)
- History of dementia at baseline \( (n=5,893) \)
- Diagnosis of dementia 1 year after baseline \( (n=7,365) \)

Final analyses were conducted on 769,554 subjects

**Supplementary Fig. 1.** Selection of study participants.

**Supplementary Fig. 2.** A representation of the study design.