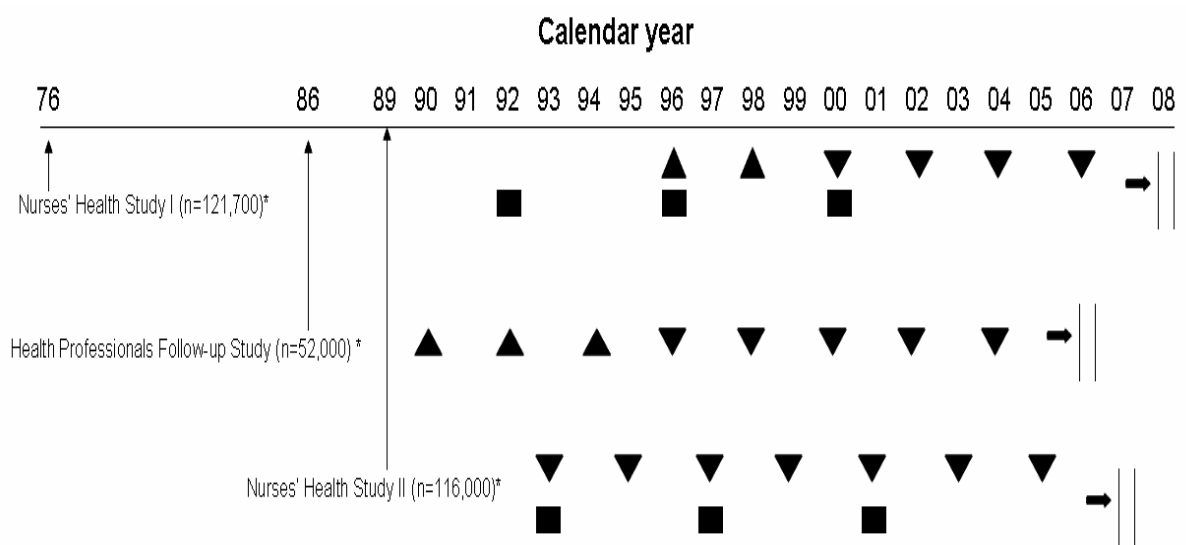


ESM Figure 1. Study flow of the three cohorts



* The baseline years of current analysis were 1996 for NHS I (mean age 61.0, range 50-79), 1990 for HPFS (mean age 56.4, range 43-80), and 1993 for NHS II (mean age 38.2, range 29-46)

▲ Regular antidepressant medication

▼ Different types of antidepressant medication (SSRIs, TCAs and others)

■ Depressive symptoms score (five-item Mental Health Index)